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1.  RECEIVED IN ENFORCEMENT: 04/27/2023

April 28, 2023

Director of Compliance and Enforcement  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105  
Attn: Title V Reports

Director of the Air Division  
USEPA, Region IX  
75 Hawthorne Street  
San Francisco, CA 94105  
Attn: Air-3

SUBJECT: Combined Title V Semi-Annual and Partial 8-34 Annual Report  
40 CFR 63 Subpart AAAAA Semi-Annual Report Browning-  
Ferris Industries of CA, Inc.  
12310 San Mateo Road  
Half Moon Bay, California 94019  
Facility Number A2266

Dear Sir or Madam:

Browning-Ferris Industries of CA, Inc. Landfill (Ox Mountain Landfill) is pleased to submit the attached Semi-Annual Report (SAR) and Partial 8-34 Annual Report for the period of October 1, 2022 through March 31, 2023 to the Bay Area Air Quality Management District (BAAQMD) and the United States Environmental Protection Agency (USEPA), Region IX. As required by 40 Code of Federal Regulations (CFR) Part 63 Subpart AAAAA, the Semi-Annual Startup, Shutdown and Malfunction (SSM) Report is also enclosed. The Combined Title V Semi-Annual and Partial 8-34 Annual Report satisfies the requirements of the Title V Permit listed in Title V Permit Condition Number 10164 Part 33 and Standard Condition I.F.

Based on the information and belief formed after reasonable inquiry, the statements and information contained in the document are true, accurate, and complete.

Sincerely,  
Browning-Ferris Industries of CA, Inc.

Travis Armstrong  
Responsible Official

# Combined Title V Semi-Annual and Partial 8-34 Annual Report

Ox Mountain Landfill

Facility Number A2266

October 1, 2022 through March 31, 2023

APRIL 28, 2023

## PRESENTED TO

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### **Browning Ferris Industries of California, Inc.**

12310 San Mateo Road  
Half Moon Bay, CA 94019

## SUBMITTED BY

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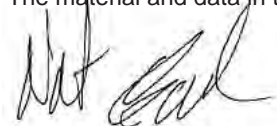
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## REPORT CERTIFICATION

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The material and data in this report were prepared under the supervision and direction of the undersigned.



4/28/2023

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Nat Israel  
Compliance Specialist

Date



4/28/2023

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Kendra Kent  
Senior Compliance Specialist

Date

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## 1.0 INTRODUCTION

### 1.1 PURPOSE

This document is a Combined Semi-Annual Title V and Partial 8-34 Annual Report (Semi-Annual Report [SAR]) for the Browning-Ferries Industries of California, Inc. (BFIC) Ox Mountain Sanitary Landfill (Ox Mountain) pursuant to Title V Permit Standard Condition 1.F and Condition Number 10164 Part 34. This Combined Report satisfies the requirements of the Bay Area Air Quality Management District's (BAAQMD) Regulation 8, Rule 34, Section 411 and Title 40 Code of Federal Regulations (CFR) Part 60 Subpart WWW, New Source Performance Standards (NSPS) for municipal solid waste (MSW) landfills as referenced in Ox Mountain's Title V Permit. As of June 21, 2021, Ox Mountain is also subject to the partially approved California State Implementation Plan (SIP) and 40 CFR Part 60 Subpart Cf as noted in 40 CFR 62.1115(b)(2) Subpart F. This Combined Report meets the requirements of Title V Standard Condition 1.F, BAAQMD Rule 8-34-411, 40 CFR Section (§) 60.757(f), 40 CFR §60.757(h), 40 CFR §62.16724(h), and the SIP, and covers compliance activities conducted from October 1, 2022 through March 31, 2023. This Combined Report also includes the Semi-Annual Report of Start-up, Shutdown, and Malfunction (SSM) Plan activities pursuant to National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 63, Subpart AAAA for Landfills.

Section 2 of this Combined Report contains the elements required to satisfy BAAQMD 8-34-411, 40 CFR §60.757(f), 40 CFR §62.16724(h), and the SIP. Section 3 of this Combined Report contains a summary of the Performance Test Report requirements, and verifies compliance with BAAQMD Rule 8-34-413, 40 CFR §60.757(g), 40 CFR §60.38f.(i) and (j), the SIP, and Title V Permit Condition Number 10164 Part 31. Section 4 of this Combined Report includes the SAR of the SSM Plan activities pursuant to the NESHAP, 40 CFR Part 63, Subpart AAAA for Landfills.

### 1.1 RECORD KEEPING AND REPORTING

Records are maintained and available for inspection at Ox Mountain in accordance with BAAQMD Rule 8-34-501.12, 40 CFR §60.758, 40 CFR §39f (i) and (j), and 40 CFR §62.16726 (i) and (j). Records are maintained at this location for a minimum of five years in accordance with federal regulations.

### 1.2 REPORT PREPARATION

This Combined Report has been prepared by Tetra Tech as authorized by BFIC.

### 1.3 MAJOR FACILITY REVIEW PERMIT RENEWAL

The current Major Facility Review Permit for BFIC, Title V Permit Number A2266, was issued on May 17, 2021, and expires on May 16, 2026.

## 2.0 COMBINED MONITORING REPORT

In accordance with Title V Permit Standard Condition 1.F, BAAQMD Rule 8-34-411, 40 CFR §60.757(f) in the 40 CFR §60.757(h), 40 CFR §62.16724(h), and the SIP, this report is a Combined Semi-Annual Title V Report and Partial 8-34 Annual Report that is required to be submitted by BFIC. The report contains monitoring data for the operation of the landfill gas (LFG) collection and control system (GCCS). The operational records have been reviewed and summarized. The timeframe covered by the report is October 1, 2022 through March 31, 2023. The following table lists the rules and regulations that are required to be included in this Combined Report.

**Table 2-1.** Combined Report Requirements.

Rule	Requirement	Location in Report
8-34-501.1 §60.757(f)(4) §60.38f(h)(4) §62.16724(h)(4)	All collection system downtime, including individual well shutdown times and the reason for the shutdown.	Section 2.1, Appendices C, D & E
8-34-501.2 §60.757(f)(3) §60.38f(h)(3) §62.16724(h)(3)	All emission control system downtime and the reason for the shutdown.	Section 2.2, Appendix D & E
8-34-501.3 8-34-507 §60.757(f)(1) §60.38f(h)(1) §62.16724(h)(1)	Continuous temperature for all operating flares and any enclosed combustor subject to Section 8-34-507.	Section 2.3, Appendix F
8-34-501.4 8-34-510	Monitoring and/or testing performed to satisfy the requirements of the rules.	Section 2.4, Appendix G
8-34-501.6 8-34-503 8-34-506 §60.757(f)(5) §60.38f(h)(5) §62.16724(h)(5)	For operations subject to Section 8-34-503 and 8-34-506, records of all monitoring dates, leaks in excess of the limits in Section 8-34-301.2 or 8-34-303 that are discovered by the operator, including the location of the leak, leak concentration in parts per million by volume (ppmv), date of discovery, the action taken to repair the leak, date of the repair, date of any required re-monitoring, and the re-monitored concentration in ppmv.	Section 2.7 & 2.8, Appendices H & I
8-34-501.7	Annual waste acceptance rate and current amount of waste in-place.	Section 2.9
8-34-501.8	Records of the nature, location, amount, and date of deposition of non-degradable wastes, for any landfill areas excluded from the collection system requirement as documented in the GCCS Design Plan.	Section 2.10
8-34-501.4 8-34-501.9 8-34-505 §60.757(f)(1) §60.38f(h)(3) §62.16724(h)(3)	For operations subject to Section 8-34-505, records of all monitoring dates and any excesses of the limits stated in Section 8-34-305 that are discovered by the operator, including well identification number, the measured excess, the action taken to repair the excess, and the date of repair. Allowed higher operating value (HOV) wells excluded from the limits are listed here as well.	Section 2.11, 2.11.1, 2.11.2, Appendices J & K
8-34-501.10 8-34-508 §60.757(f)(1) §60.38f(h)(3) §62.16724(h)(3)	Continuous gas flow rate and temperature records for any site subject to Section 8-34-508.	Section 2.12, Appendices F and L

8-34-501.12 §60.758 (a) §60.39f(a) §62.16726(a)	The records required above shall be made available and retained for a period of five years.	Section 1.2
§60.757(f)(1) §60.38f(h)(3) §62.16724(h)(3)	Value and length of time for exceedance of parameters monitored per §60.756(a), (b), or (d).	Section 2.3
§60.757(f)(2) §60.38f(h)(2) §62.16724(h)(2)	Description and duration of all periods when the gas stream is diverted from the control device through a bypass line or the indication of bypass flow as specified under §60.756.	Section 2.2.1
§60.757(f)(3) §60.38f(h)(3) §62.16724(h)(3)	Description and duration of all periods when control devices were not operating for more than 1 hour §60.756.	Section 2.2, Appendix E
§60.757(f)(4) §60.38f(h)(4) §62.16724(h)(4)	All periods when collection system was not operating for more than 5 days.	Section 2.2
§60.757(f)(5) §60.38f(h)(5) §62.16724(h)(5)	Location of each surface emission excess and all re-monitoring dates and concentration.	Section 2.7, Appendix H
§60.757(f)(6) §60.38f(h)(6) §62.16724(h)(6)	The date of installation and the location of each well or collection system expansion added pursuant to paragraphs (a)(3), (b), (c)(4) of §60.755.	Section 2.13, Appendices B & C

## 2.1 COLLECTION SYSTEM OPERATION (BAAQMD 8-34-501.1, §60.757(F)(4), §60.38F(H)(4), & 62.16724(H)(4))

Appendix A contains a map of Ox Mountain's GCCS. Section 2.1.1 includes the GCCS downtime for the reporting period. The information contained in Appendix C includes the individual well start-up and shutdown times and the reason for the SSM events.

### 2.1.1 Collection System Downtime

Pursuant to BAAQMD 8-34-501.1 and §60.757(f)(4), the GCCS was not shut down for more than five days on any one occasion during the reporting period. There were five instances of a shutdowns greater than one-hour in duration during the reporting period. There were 27.05 hours of GCCS downtime for the reporting period of October 1, 2022 through March 31, 2023. The total downtime for 2022 was 17.05 hours, out of an allowable 240 hours. The total downtime for 2023, as of March 31, 2023, is 18.83 hours, out of an allowable 240 hours. Appendix E contains the GCCS Downtime.

Pursuant to §60.38F(h)(4), & 62.16724(h)(4), the GCCS shut down 23 times during the reporting period. Causes for the GCCS downtime is documented in Appendix E of this report.

### 2.1.2 Well Start-Up & Disconnection Log

There were 10 wellfield SSM events that occurred during the reporting period. A total of three vertical extraction wells were decommissioned and three horizontal collectors were started up pursuant to BAAQMD Regulation 8-34-117. Four wells were reconnected to the GCCS due to construction activities. Well Startup and Decommissioning Notification Letters were submitted on behalf of BFIC to the BAAQMD and are included in Appendix B. See Appendix C, Wellfield SSM Log for details.

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## **2.2 EMISSION CONTROL DEVICE DOWNTIME (BAAQMD 8-34-501.2, §60.757(F)(3), §60.38F(H)(3), & §62.16724(H)(3))**

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The emission control system consists of three flares (A-7, A-8, and A-9), which all began operation in 2004 and the six Internal Combustion (IC) Engines operated by Ameresco. The six IC Engines are under a separate permit and reporting is done by a third-party.

During the reporting period, there were five instances when the GCCS system had downtime greater than one hour, pursuant to BAAQMD 8-34-501.2 and §60.757(f)(3). The SSM Logs for the A-7, A-8, and A-9 Flares and the IC Engines are located in Appendix D and the GCCS Downtime log is located in Appendix E.

Pursuant to §60.38f(h)(3), & 62.16724(h)(3), there were 158 A-7 Flare Startup, Shutdown, and Malfunction (SSM) events and there were 39 A-9 Flare SSM events for the reporting period. The Ameresco Landfill Gas to Energy (LFGTE) Facility reported 303 SSM events for all six IC engines. The A-8 Flare did not operate during the reporting period. On October 27, 2017, Tetra Tech submitted an application for a change of permit conditions (COPC) requesting the removal of the A-8 Flare from the Ox Mountain Title V Permit. The SSM Logs for the A-7, A-8, and A-9 Flares and the IC Engines are located in Appendix D and the GCCS Downtime log is located in Appendix E.

### **2.2.1 LFG Bypass Operations (§60.757(f)(2), §60.38f(h)(2), & §62.16724(h)(2))**

Title 40 CFR §60.757(f)(2), §60.38f(h)(2), and §62.16724(h)(2), are not applicable at Ox Mountain because a bypass line has not been installed; therefore, LFG cannot be diverted from the control equipment. At no time was raw LFG emitted during the reporting period.

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## **2.3 TEMPERATURE MONITORING RESULTS (BAAQMD 8-34-501.3, 8-34-507, §60.757(F)(1)), §60.38F(H)(1), & §62.16724(H)(1)**

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There were no temperature deviations during the reporting period. The combustion zone temperatures of the flares are monitored with Thermo-Electric Thermocouples. The temperature is stored with a Yokogawa digital recorder, which is downloaded and archived. Appendix F contains the Flare Flow and Temperature Deviation/ Inoperative Monitor/ Missing Data Reports for October 1, 2022 through March 31, 2023.

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## **2.4 MONTHLY COVER INTEGRITY MONITORING (BAAQMD 8-34-501.4 & 8-34-510)**

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The cover integrity monitoring was performed on the following dates:

- October 27, 2022;
- November 11, 2022;
- December 19, 2022;
- January 25, 2023;
- February 27, 2023; and
- March 28, 2023.

The Monthly Cover Integrity Monitoring Logs are included in Appendix G.



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## 2.5 LESS THAN CONTINUOUS OPERATION (BAAQMD 8-34-501.5)

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Ox Mountain does not currently operate under BAAQMD Regulation 8-34-404 Less Than Continuous Operation (LTCO) and therefore, is not required to submit monthly LFG flow rates for LTCO wells this reporting period.

## 2.6 COMPLIANCE WITH TITLE V PERMIT CONDITION 10164 PART 18(D)(I)

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On October 22, 2015, BFIC submitted a request to the BAAQMD for approval to operate the following wells under 8-34-404, Less than Continuous Operation Petition: LTS-1, LTS-2, LTS-3, LTS-4, LTS-5, LTS-6, LTS-7, LTS-8, LTS-9, LTS-10, LTS-11, and LTS-12. The BAAQMD responded to this request on May 6, 2016 by providing language to the current Title V Permit that the aforementioned wells may operate under LTCO. Tetra Tech, on behalf of BFIC, responded to the BAAQMD on May 24, 2016 that the provided language was acceptable. BFIC received the updated Title V Permit from the BAAQMD on October 14, 2016 containing Permit Condition 10164 Part 18(d)(i) which allows the aforementioned wells to operate less than continuously.

On June 15, 2017, BFIC submitted a request to the BAAQMD for approval to operate the following wells under 8-34-404, Less than Continuous Operation Petition, LTS-13, LTS-14, LTS-15, LTS-16, LTS-17, LTS-18, LTS-19, and LTS-20. The BAAQMD responded to this request on March 8, 2018 by providing updated language to the current Title V Permit. Pursuant to the updated Permit Condition 10164 Part 18, BAAQMD Regulation 8-34-305.3 and 8-34-305.4 shall not apply to the aforementioned wells, provided that the oxygen concentration does not exceed 15-percent by volume. Additionally, Permit Condition 10164 Part 18(d)(i) has been updated to reflect that the aforementioned wells may operate less than continuously.

## 2.7 SURFACE EMISSIONS MONITORING (BAAQMD 8-34-501.6, 8-34-506, §60.757(F)(5), §60.38F(H)(5), §62.16724(H)(5), & CALIFORNIA CODE OF REGULATIONS (CCR) §95469(A))

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During the reporting period the Fourth Quarter 2022 and First Quarter 2023 Instantaneous and Integrated Surface Emission Monitoring (SEM) events were completed. The results for the Fourth Quarter 2022 and First Quarter 2023 SEM events are described below.

- Fourth Quarter 2022 – The Fourth Quarter 2022 Landfill Methane Rule (LMR) SEM initial event was completed on November 14, 15, 21, 22, 23, 28, 29, and 30, 2022 and December 1, 2022, there were nine (9) locations that exceeded the NSPS (Grids) and LMR (Grids and Penetrations) instantaneous level of 500 ppmv. There was one (1) exceedance of the LMR integrated threshold limit of 25 ppmv as measured as methane above background detected. System adjustments and repair work (repair of boreholes, vacuum increases to nearby extraction wells and re-compaction of soil) was performed by site personnel. The subsequent 10-day re-monitoring events on November 21, 2022, and December 19, 2022 indicated that all nine (9) areas with instantaneous exceedances had returned to compliance and that the one (1) integrated location had also returned to compliance. The one-month re-monitoring events on December 19 and 26, 2022, indicated there were zero (0) locations with remaining exceedances.
- First Quarter 2023 – The First Quarter 2023 LMR SEM initial event was completed February 20, 2023 and March 3, 17, 18, 24, 25, and 27, 2023, there were eight (8) locations that exceeded the NSPS (Grids) and LMR (Grids and Penetrations) instantaneous level of 500 ppmv. There was one (1) exceedance of the LMR integrated threshold limit of 25 ppmv as measured as methane above background detected. System adjustments and repair work (repair of boreholes, vacuum increases to nearby extraction wells and re-compaction of soil) was performed by site personnel. The subsequent 10-day re-monitoring events on March 18 and 25, 2023, indicated that all eight (8) areas with instantaneous exceedances had returned to compliance and that the one (1) integrated location had also returned to compliance. The one-month re-monitoring events on April 5, 2023, indicated there were zero (0) locations with remaining exceedances.

Refer to the Fourth Quarter 2022 SEM and First Quarter 2023 SEM Reports located in Appendix H, for detailed results. The Third Quarter 2022 Instantaneous and Integrated SEM event was completed during the previous reporting period, but the Report was not included in the April 1, 2022 through September 30, 2022 SAR. The Third Quarter 2022 SEM Report is also included in Appendix H.

## **2.8 COMPONENT LEAK TESTING (BAAQMD 8-34-501.6 & 8-34-503, CCR §95465(B)(1)(B))**

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Quarterly component leak testing, pursuant to BAAQMD Regulation 8-34-301.2 and California Air Resources Board (CARB) §95465(b)(1)(B), occurred during the reporting period on the following dates:

- Fourth Quarter 2022 – October 17, 2022
- First Quarter 2023 – January 10 and 31, 2023.

Any exceedances of 500 or 1000 ppmv were repaired as required by CARB Title 17 of California Code of Regulations Subchapter 10, Article 4, Subarticle 6, Section 95464(b)(1)(B) and BAAQMD Regulation 8-34-301.2.

The A-8 Flare was not monitored for component leak testing during the Fourth Quarter 2022 and First Quarter 2023 as it was not in operation. On October 27, 2017, Tetra Tech submitted an application for a COPC requesting the removal of the A-8 Flare from the Ox Mountain Title V Permit.

Refer to the Quarterly LFG Component Leak Monitoring Logs, located in Appendix I, for detailed results.

## **2.9 WASTE ACCEPTANCE RECORDS (BAAQMD 8-34-501.7)**

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The amount of waste accepted during the reporting period of October 1, 2022 through March 31, 2023 was approximately 232,391.9 tons. The current Waste-In-Place (WIP) as of March 31, 2023 is approximately 28,187,401 tons which includes 41,448.5 tons of previously received fire debris. This WIP volume is based on certain assumptions of degradable waste contained in the old landfill, before accurate acceptance practices were in place (from 1976 until about 2006). Please refer to Appendix Q for additional details.

## **2.10 NON-DEGRADABLE WASTE ACCEPTANCE RECORDS (BAAQMD 8-34-501.8)**

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Ox Mountain did not accept any non-degradable materials such as fire debris between October 1, 2022 through March 31, 2023.

## **2.11 WELLHEAD MONITORING DATA (BAAQMD 8-34-501.1, 2, AND 4, 8-34-505, §62.16724(H)(1), §62.16716(C), 62.16720(A)(5), 62.16722(A)(2) AND (3), AND §95464(C))**

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Wellhead monitoring was performed on a monthly basis pursuant to the regulations listed above. The well readings for October 1, 2022 through March 31, 2023 are included in Appendix J. Each well was monitored in accordance with the following requirements:

- Each wellhead shall operate under a vacuum;
- The LFG temperature in each wellhead shall be less than 55 degrees Celsius (°C) (131 degrees Fahrenheit [°F]); and
- The oxygen concentration in each wellhead shall be less than five percent by volume pursuant to 8-34-305.4.

Wellhead monitoring was performed on the following dates:

- October 3, 4, 7, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 25, 26, 27, 28, and 31, 2022;
- November 1, 2, 3, 4, 7, 9, 10, 11, 14, 15, 17, 18, 21, 22, 23, 28, 29, and 30, 2022;
- December 1, 2, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23, 27, 28, and 29, 2022;
- January 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 18, 19, 20, 23, 24, 25, 26, 27, 30, and 31, 2023;
- February 1, 2, 3, 6, 7, 8, 9, 13, 14, 16, 17, 21, 22, 23, 24, 27, and 28, 2023; and
- March 1, 2, 3, 6, 7, 9, 10, 13, 14, 15, 16, 20, 21, 22, 23, 25, 27, and 28, 2023.

### **2.11.1 Wellhead Deviations (BAAQMD 8-34-501.9, §60.38f(h)(1), §62 Subpart F, §62.16724(h)(1), & §60.757(F)(1))**

There were 39 wells with readings that exceeded the limits set forth in BAAQMD Regulation 8-34-305 during the reporting period. Corrective action was initiated within the required five-day time period and re-monitoring was completed within 15 days of the deviation pursuant to BAAQMD Regulation 8-34-414.

As of June 21, 2021, Ox Mountain is subject to 40 CFR 62 Subpart F and all the monitoring and reporting requirements associated with the partially approved SIP. During the reporting of October 1, 2022 through March, 2023, there were 36 pressure exceedances and four temperature exceedance readings. A corrective action analysis form was completed for one temperature exceedance at well OXEW1807. The temperature exceedance was corrected before the 120-day timeline. The 75-Day Root Cause Analysis, Corrective Action Analysis, and Implementation Timeline for Vertical Landfill Gas Extraction Well OXEW1807 for temperature was submitted on November 22, 2022.

See Appendix K, Wellfield Deviation Log, for further details.

### **2.11.2 Higher Operating Value (HOV) Wells**

At the time of this submittal, the following wells in Sections 2.11.2.1 and 2.11.2.2 are approved to operate at a HOV.

#### **2.11.2.1 Temperature HOV Wells**

Pursuant to Permit Condition 10164, Part 18(b)(i), the temperature limit does not apply to wells OXEW1618, OXMEW205, OXMEW209, and OXMPEW35, provided that the temperature in the LFG at the main header does not exceed 140°F.

On December 14, 2022, a temperature HOV application was submitted to the BAAQMD for wells OXEW1617, OXEW1807, OXEW1911, OXEW2001, OXEW2004, OXEW2016, OXEW2020 and OXMEW186 to increase the operating temperature to not to exceed 145°F. The application also requested that the previously approved temperature HOV wells (OXEW1618, OXMEW205, OXMEW209, and OXMPEW35) also be increased from 140°F to 145°F.

#### **2.11.2.2 Oxygen HOV Wells**

Pursuant to Permit Condition 10164, Part 18(b)(i), the oxygen concentration limit does not apply to well OXMEW-W17, provided that the oxygen concentration in the LFG at the main header does not exceed 15 percent oxygen by volume (dry basis).

#### **2.11.2.3 Oxygen and Pressure HOV Wells**

Pursuant to Permit Condition 10164 Part 18(d)(iii), components that are connected to the vacuum system may be disconnected from the vacuum system if the oxygen content is equal to or greater than 15 percent or if the temperature is equal to or greater than 131 °F. Therefore, when the following wells are connected to the vacuum

system, they may operate up to 15 percent oxygen. The wells to which these HOV values apply are as follows: LTS-1, LTS-2, LTS-3, LTS-4, LTS-5, LTS-6, LTS-7, LTS-8, LTS-9, LTS-10, LTS-11, LTS-12, LTS-13, LTS-14, LTS-15, LTS-16, LTS-17, LTS-18, LTS-19, and LTS-20.

Additionally, pursuant to the updated Title V Permit Condition Number 10164 Part 18(b), BAAQMD 8-34-305.3 and 8-34-305.4 shall not apply to the following wells, provided that the oxygen concentration does not exceed 15-percent: LTS-13, LTS-14, LTS-15, LTS-16, LTS-17, LTS-18, LTS-19, and LTS-20.

## **2.12 GAS FLOW AND TEMPERATURE MONITORING RESULTS (BAAQMD 8-34-501.10, 8-34-508, §60.757(F)(1), §60.38F(H)(1), & §62.16724(H)(1))**

The LFG flow rate is measured with individual flow meters at both the A-7 and A-9 Flares. The data panels display the LFG flow and the digital Yokogawa data recorders record LFG flow every two minutes. The flow meters at each flare meet the requirements of BAAQMD Regulation 8-34-508 by recording data at least once every 15 minutes. The flow meters are maintained and calibrated pursuant to manufacturer's recommendations. The flow data for each flare is available for review at Ox Mountain.

Appendix L contains a summary of the monthly LFG flow rates for the flares. Appendix F contains the Flare Flow and Temperature Deviation/Inoperative Monitor/Missing Data Report for October 1, 2022 through March 31, 2023. There were no issues encountered during the reporting period.

## **2.13 GCCS EXPANSION (§60.757(F)(6), §60.38F(H)(6), & §62.16724(H)(6))**

There were improvements made to the GCCS pursuant to Title V Permit Number A2266 during the reporting period.

There were 10 wellfield SSM events that occurred during the reporting period. A total of three vertical extraction wells were decommissioned and three horizontal collectors were started up pursuant to BAAQMD Regulation 8-34-117. Four wells were reconnected to the GCCS due to construction activities. Well Startup and Decommissioning Notification Letters were submitted on behalf of BFIC to the BAAQMD and are included in Appendix B. See Appendix C, Wellfield SSM Log for details.

As of March 31, 2023, Authority to Construct (ATC) 30889, issued on February 10, 2021, allows for the replacement of an unlimited number of vertical wells and horizontal collectors, installation of up to 79 new vertical wells, installation of up to 10 new horizontal collectors, the decommissioning of up to 119 vertical wells, and the decommissioning of up to 14 horizontal collectors.

As of March 31, 2022, Ox Mountain consists of 185 vertical wells, 16 horizontal collectors, 10 LCRSs, and 18 leachate sumps.

## **2.14 TITLE V PERMIT CONDITION NUMBER 10164, PART 5**

The unpaved segment of road extending from the end of the paved haul road to the working face does not exceed the 1,200-foot length limit.

## **2.15 TITLE V PERMIT CONDITION NUMBER 10164, PART 6**

The speed of vehicles on unpaved roads is limited to 10 miles per hour (mph).

## **2.16 TITLE V PERMIT CONDITION NUMBER 10164, PART 7**

All unpaved roads (excluding limited use access roads) were treated with ten percent magnesium chloride dust suppressant solution at a rate of at least once per calendar month. From October 1, 2022 through March 31,

2023 dust suppressant was applied after any dry period consisting of 30 consecutive days with less than 0.09 inches of rain per day. In addition, water was applied to all unpaved roads at least four times per working day. The watering schedule was reduced during periods of sufficient precipitation to minimize dust emissions. These records are maintained at Ox Mountain and are available upon request.

## 2.17 TITLE V PERMIT CONDITION NUMBER 10164, PART 8

All paved roadways were swept and washed down at least twice per week or as necessary to maintain a clean road surface.

## 2.18 TITLE V PERMIT CONDITION NUMBER 10164, PART 9

On-site vehicle traffic volume did not exceed the number of round trips described in Table 2-2 during any one day:

**Table-2.** On-Site Vehicle Traffic Volume.

Vehicle Type	Daily Round Trip Limits
Transfer Trucks	178
Packer Trucks	52
Water Trucks	36
Soil Trucks	200
Misc. Heavy-Duty Equipment	60
Light Duty Vehicles	250

## 2.19 TITLE V PERMIT CONDITION NUMBER 10164, PART 10

Except for the vehicles listed in Table 2-3, the on-site one-way distance traveled by any heavy-duty vehicle (on paved roads only) did not exceed 8,000 feet. This limitation does not apply to the vehicles listed in Table 2-3, which may travel up to a maximum of 11,700 feet (one-way distance) on paved roads.

**Table 2-3.** Vehicle Traffic.

Vehicle Type	Daily Round Trip Limits
Water Truck	36
Fuel Trucks	2
Employee - Light Duty Equipment	20

## 2.20 TITLE V PERMIT CONDITION NUMBER 10164, PART 13

Pursuant to BAAQMD Regulations 8-40-205, 8-40-301, 8-40-304, and 8-40-305, and Title V Permit Condition Number 10164 Part 13, the Permit Holder shall limit the quantity of low volatile organic compound (VOC) soil (soil that contains 50 ppmv or less of VOCs) disposed of per day so that no more than 15 pounds of total carbon may be emitted to the atmosphere per day. In order to demonstrate compliance with this condition, the Permit Holder shall maintain the records in a District approved log. BFIC maintains separate low VOC soil acceptance records onsite and these are not included in the MORs. Ox Mountain accepted 42.46 tons of VOC soils over the limit of 50 ppmv during the reporting period. The 24-Hour VOC Acceptance Notification was submitted to the BAAQMD on October 5, 2022. Both the acceptance notification and acceptance records are included in Appendix R.

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## **2.21 TITLE V PERMIT CONDITION NUMBER 16315 FOR S-12 STOCKPILE OR GREEN WASTE**

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Appendix M contains monthly and 12-month rolling records of the amount of yard and green waste received for this reporting period. As of March 2020, the site accepts green waste for disposal but has stopped stockpiling, utilizing, and tracking green waste as beneficial reuse. These records are maintained at Ox Mountain and are available upon request.

## **2.22 TITLE V PERMIT CONDITION NUMBER 26216 AND 25107 FOR S-5 NON-RETAIL GASOLINE DISPENSING FACILITY G#8524**

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Pursuant to Title V Permit Condition Number 26216 and Regulation 2-5, the facility's annual gasoline throughput did not exceed the 400,000-gallon (gal) limit in any consecutive 12-month period. Monthly gasoline throughput totals for the reporting period are included in Appendix O. These records are maintained at Ox Mountain and are available upon request.

Pursuant to Title V Permit Condition Number 25107, the Static Pressure Performance Test (Leak Test) for ST-38 was completed for October 14, 2022. A copy is included in Appendix O.

## **2.23 TITLE V PERMIT CONDITION NUMBER 10164, PART 20**

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Pursuant to Title V Permit Condition Number 10164 Part 20, the facility's combined landfill gas flow rate to the flares (A-7, A-8, and A-9) did not exceed 2,155,000,000 scf corrected to 50 percent methane (dry basis, 70°F, one atmosphere [atm]) in any consecutive 12-month period. Monthly combined LFG flow rates to the flares for the reporting period are included in Appendix L. These records are maintained at Ox Mountain and are available upon request.

On October 27, 2017, Tetra Tech submitted an application for a COPC requesting the removal of the A-8 Flare from the Ox Mountain Title V Permit. On June 11, 2018, Tetra Tech submitted an application for a COPC requesting a decrease in the current permitted combined landfill gas flow rate to the flares from 2,155,000,000 scf to 1,575,000,000 scf over any consecutive 12-month period. This request is being made due to the planned decommissioning and removal of the A-8 Flare. At the time of this submittal, BFIC is currently has been awaiting a response from the BAAQMD on these two COPC applications for roughly 5 and 4 years, respectively.

## **2.24 TITLE V PERMIT CONDITION NUMBER 10164, PART 22**

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Pursuant to Title V Permit Condition Number 10164 Part 22, the facility's total reduced sulfur (TRS) compounds in the collected LFG did not exceed 265 ppmv as hydrogen sulfide (H<sub>2</sub>S) averaged over any consecutive rolling 12-month period. Monthly 12-month rolling averages of TRS as H<sub>2</sub>S for the reporting period are included in Appendix P. These records are maintained at Ox Mountain and are available upon request.

## **2.25 TITLE V PERMIT CONDITION NUMBER 10164, PART 23**

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Pursuant to Title V Permit Condition Number 10164 Part 23, the facility's annual average LFG generation did not exceed 6,600 scfm. Also, pursuant to Part 22, fugitive annual average LFG emissions rates, assumed to comprise 25 percent by volume of the LFG generation rate, did not exceed 1,650 scfm. The 12-month rolling LFG generation rates are included in Appendix L.

Pursuant to Title V Permit Condition Number 10164 Part 22, toxic air contaminant (TAC) emissions from waste decomposition (S-1) will be determined from the annual LFG characterization analysis (Source Test) to determine compliance with the emission rate limits listed in Part 23(b). The A-7 and A-9 Flares 2022 Source Tests were performed on July 22, 2022 and July 21, 2022, respectively. The LFG characterization results were submitted

within the Source Test Report submitted to the BAAQMD on September 1, 2022. The results are included in Appendix N of this SAR.

## 2.26 REPORTABLE EVENTS DURING THE REPORTING PERIOD

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The following reportable events occurred at Ox Mountain during this reporting period:

### November 16, 2022 Reportable Compliance Activity Notification

- On November 16, 2022, a Reportable Compliance Activity Notification was submitted to the BAAQMD for GCCS downtime over one hour. The Reportable Compliance Activity was assigned numbers 08N35 for the breakdown and 08N36 for the excursion.

### November 23, 2022 Combined 10-Day and 30-Day Title V Breakdown Follow-up Letter

- On November 23, 2023, a combined 10-Day and 30-Day Title V Breakdown Follow-up Letter was submitted to the BAAQMD in response to the Reportable Compliance Activity Notification numbers 08N35 and 08N36.

### December 31, 2022 Reportable Compliance Activity Notification

- On December 31, 2022, a Reportable Compliance Activity Notification was submitted to the BAAQMD for GCCS downtime over one hour. The Reportable Compliance Activity was assigned numbers 08P71 for the breakdown and 08P72 for the excursion.

### January 9, 2023 Combined 10-Day and 30-Day Title V Breakdown Follow-up Letter

- On January 9, 2023, a combined 10-Day and 30-Day Title V Breakdown Follow-up Letter was submitted to the BAAQMD in response to the Reportable Compliance Activity Notification numbers 08P71 and 08P72.

### January 1, 2023 Reportable Compliance Activity Notification

- On July 14, 2022, a Reportable Compliance Activity Notification was submitted to the BAAQMD for GCCS downtime over one hour. The Reportable Compliance Activity was assigned numbers 08P74 for the breakdown and 08P75 for the excursion.

### January 9, 2023 Combined 10-Day and 30-Day Title V Breakdown Follow-up Letter

- On July 22, 2022, a combined 10-Day and 30-Day Title V Breakdown Follow-up Letter was submitted to the BAAQMD in response to the Reportable Compliance Activity Notification numbers 08P74 and 08P75.

### January 14, 2023 Reportable Compliance Activity Notification

- On January 14, 2023, a Reportable Compliance Activity Notification was submitted to the BAAQMD for GCCS downtime over one hour. The Reportable Compliance Activity was assigned numbers 08Q04 for the breakdown and 08Q05 for the excursion.

### January 16, 2023 Reportable Compliance Activity Notification

- On July 14, 2022, a Reportable Compliance Activity Notification was submitted to the BAAQMD for GCCS downtime over one hour. The Reportable Compliance Activity was assigned numbers 08Q07 for the breakdown and 08Q08 for the excursion.

### January 24, 2023 Combined 10-Day and 30-Day Title V Breakdown Follow-up Letter

- On July 22, 2022, a combined 10-Day and 30-Day Title V Breakdown Follow-up Letter was submitted to the BAAQMD in response to the Reportable Compliance Activity Notification numbers 08Q04 and 08Q05.

**January 24, 2023 Combined 10-Day and 30-Day Title V Breakdown Follow-up Letter**

- On July 22, 2022, a combined 10-Day and 30-Day Title V Breakdown Follow-up Letter was submitted to the BAAQMD in response to the Reportable Compliance Activity Notification numbers 08Q07 and 08Q08.



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## 3.0 PERFORMANCE TEST REPORT

In accordance with BAAQMD Rule 8-34-301, 40 CFR §60.752(b)(2)(iii)(B) in the NSPS, §60.33f(c)(2) and, §62.16714(c)(2), a Source Test Report is required to be conducted annually on each LFG flare.

### 3.1 FLARE (A-7, A-8, AND A-9) ANNUAL SOURCE TEST RESULTS BAAQMD 8-34-501.4)

The A-7 and A-9 Flares 2022 Source Tests were performed on July 22, 2022 and July 21, 2022, respectively. The LFG characterization results were submitted within the Source Test Report submitted to the BAAQMD on September 1, 2022. The results are included in Appendix N of this SAR.

On October 27, 2017, a COPC Application was submitted to the BAAQMD requesting that Title V Permit Condition Number 10164, Part 31 be changed to include language allowing the extension of the annual source test deadlines during times of prolonged in-operation or maintenance. The same COPC Application requested that the A-8 Flare be removed from the Title V Permit. Ox Mountain is still waiting on response from the BAAQMD to this application.

As the A-8 flare is currently inoperable it was not source tested.

## 4.0 START-UP, SHUTDOWN, MALFUNCTION (SSM) PLAN

### 4.1 SSM LOG FOR THE GCCS AT OX MOUNTAIN

Per Ox Mountain's Title V Permit, the NESHAP contained in 40 CFR Part 63, AAAA for MSW landfills include the regulatory requirements for submittal of a SAR (under 40 CFR §63.10(d)(5) of the general provisions) if an SSM event occurred during the reporting period. Subsequently, the reports required by §63.1980(a) of the NESHAP and §60.757(f) of the NSPS summarize the GCCS exceedances. These two SARs contain similar information and have been combined as allowed by §63.10(d)(5)(i) of the General Provisions.

NESHAP 40 CFR part 63, AAAA became effective on January 16, 2004. However, a subsequent revision to 40 CFR 63, AAAA became effective on September 27, 2021. This section is to fulfill the requirements of the Title V Permit and §63.1981(h)(1) as well as §60.38f(h)(1) and §62.16724(h)(1).

The SSM events that occurred during the NSPS semi-annual reporting period are reported in this October 1, 2022 through March 31, 2023). The following information is included as required:

- During the reporting period, there were 158 SSM events at the A-7 Flare. Additional details are available in the SSM log for the A-7 Flare located in Appendix D, Flare SSM Log.
- During the reporting period, the A-8 Flare did not operate therefore there were no SSM events. Additional details are available in the SSM log for the A-8 Flare located in Appendix D, Flare SSM Log.
- During the reporting period, 39 SSM events occurred at the A-9 Flare. Additional details are available in the SSM log for the A-9 Flare located in Appendix D, Flare SSM Log.
- During the reporting period, 10 SSM events occurred in the wellfield. Details are included in Appendix C, Well SSM Log.
- There were 207 events in total. In all 207 events, automatic systems and operator actions were consistent with the standard operating procedures contained in the SSM Plan. There were no deviations from the SSM plan.
- There were no identified exceedances during the reporting period of any applicable emission limitation in the landfills NESHAP (§63.10(d)(5)(i)).
- Revisions of the SSM Plan to correct deficiencies in the landfill operations or procedures were neither required, nor prepared (§63.6(e)).

## 5.0 LIMITATIONS

The work product included in the attached was undertaken in full conformity with generally accepted professional consulting principles and practices and to the fullest extent as allowed by law we expressly disclaim all warranties, express or implied, including warranties of merchantability or fitness for a particular purpose. The work product was completed in full conformity with the contract with our client and this document is solely for the use and reliance of our client (unless previously agreed upon that a third party could rely on the work product) and any reliance on this work product by an unapproved outside party is at such party's risk.

The work product herein (including opinions, conclusions, suggestions, etc.) was prepared based on the situations and circumstances as found at the time, location, scope and goal of our performance and thus should be relied upon and used by our client recognizing these considerations and limitations. Tetra Tech shall not be liable for the consequences of any change in environmental standards, practices, or regulations following the completion of our work and there is no warrant to the veracity of information provided by third parties, or the partial utilization of this work product.

Attachments:  
Combined Title V Semi-Annual and Partial 8-34 Annual Report

*I certify the following:*

*Based on information and belief formed after reasonable inquiry, information on the startup, shutdown, malfunction forms, all accompanying reports, and other required certifications are true, accurate, and complete.*

*Travis L Armstrong*

04/24/2023

\_\_\_\_\_  
**Signature of Responsible Official**

\_\_\_\_\_  
**Date**

Travis Armstrong  
**Name of Responsible Official**

## APPENDIX A

### SITE MAP



## **APPENDIX B**

### **BAAQMD CORRESPONDENCE**



Browning-Ferris Industries of California, Inc. - Ox Mountain Landfill  
12310 San Mateo Road, Half Moon Bay, CA 94019  
P: (650) 713-3632 republicservices.com

October 5, 2022

Submitted via E-mail

Mr. Jeffrey Gove  
Director of Compliance & Enforcement  
Bay Area Air Quality Management District  
Attn: Title V Reports  
375 Beale Street, Suite 600  
San Francisco, California 94105

Re: 24-Hour Volatile Organic Compound (VOC) Acceptance Notification  
Ox Mountain Landfill, Facility Number A2266  
Half Moon Bay, California

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFIC) is submitting this 24-Hour VOC Acceptance Notification to Bay Area Air Quality Management District (BAAQMD) pursuant to Ox Mountain Landfill (Ox Mountain [Facility Number A2266]) Title V Permit Condition 10164, Part 14b.

Ox Mountain plans to accept approximately 85 tons of VOC soil on October 6, 2022. The soil was excavated from a new basement containing a fuel tank with total petroleum hydrocarbons (TPH) contaminants. A special waste profile generated by BFIC is included in Attachment A. As indicated in the VOC Soil Analytical Report, the content of the soil exceeds the 50 parts per million by weight (ppmw) limit; however, pursuant to Condition 10164 Part 13b(ii), the soil being accept will not exceed the 11.9 pounds of VOC per day limit. The results of the lab analysis are included in Attachment B.

If you have any questions or require additional information, please do not hesitate to contact me at (714) 931-5685.

Sincerely,

Ox Mountain

A handwritten signature in dark ink, appearing to read "Travis L. Armstrong", written in a cursive style.

Travis L. Armstrong  
General Manager

Enclosures: Attachment A – Special Waste Profile  
Attachment B – VOC Soil Analytical Report

cc: Romelle Guittap, BAAQMD  
James Galicia, BFIC  
Kelly McDonnell, BFIC  
Ben Wade, BFIC  
Kendra Kent, Tetra Tech



Attachment A  
Special Waste Profile



# Republic Services

18500 N. Allied Way, Phoenix, AZ 85054

## SPECIAL WASTE DEPARTMENT DECISION

Waste Profile #  
42272213101

Expiration Date  
9/20/2023

### I. Decision Request:

Initial     Recertification     Change

Disposal Facility: 4227 - Ox Mountain LF

Generator Name: IQHQ ELCO YARDS LP

Generator Site Address: 1401 MAIN ST

City: REDWOOD CITY

County:

State: CA

Zip:

Name of Waste: SOIL WITH TPH

Estimated Annual Volume: 1,000 Tons

### II. Special Waste Department Decision:

Approved     Rejected

Management Method(s):     Landfill     Solidification     Bioremediation     Deep Well     Transfer Facility

Problematic Special Waste according to Republic?

Yes     No

If yes, which one?

Approved by Special Waste Review Committee?

Yes     No     Not Applicable

### Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature: \_\_\_\_\_

Date: 9/22/2022

Name (Printed): Joseph Sorokach

### III. Facility Decision:

Approved     Rejected

### Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

Date: 9/22/2022

## Special Waste Profile



Disposal Facility: 4227 Ox Mountain Landfill CA

Waste Profile #: 4227 22 13101

Sales Rep #:

## I. Generator Information

Generator Name: IQHQ Elco Yards, LP

Generator Site Address: 1401 Main St

City: Redwood City

County: San Mateo

State: California

Zip: 94063

State ID/Reg No:

State Approval/Waste Code:

NAICS #:

Generator Mailing Address  (if different) 674 Via De La Valle, Suite 206

City: Solana Beach

County: San Diego

State: California

Zip: 92075

Generator Contact Name: Kelley Gallese

Email: kgallese@iqhqreit.com

Phone Number: 650-350-8801

Ext:

Fax Number:

## II. Billing Information

Bill To: MAG Trucking Inc.

Contact Name: Debbie Ferrari

Billing Address: 3500 Enterprise Ave

Email: dferrari@magtrucking.com

City: Hayward

State: California

Zip: 94545

Phone: 510-782-8801

## III. Waste Stream Information

Name of Waste: Soil with TPH

Process Generating Waste: This is a commercial building and parking lot. Excavation for a new basement is creating excess soil. We found a tank so we are removing impacted soil that was surrounding it. This is 500 CY

Type of Waste: Pollution Control Waste

Physical State: Solid

Method of Shipment: Bulk

Estimated Volume: 1000

Volume Type: Tons

Frequency: One-time Event (single project)

Disposal Consideration: Landfill

## IV. Representative Sample Certification

 No Sample Taken Sample Taken Type of Sample Grab SampleIs the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent?  Yes  No

Sample Date: 9/12/22

Sample ID Numbers or SDS: SS-TANK01-08

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.

# Special Waste Profile



## V. Physical Characteristics of Waste

Characteristic Components (must equal 100%):

% By Weight (out of 100% - ranges acceptable):

1. Soil	100
2.	
3.	
4.	
5.	

Color:  Odor (describe):  Does Waste Contain Free Liquids?  Yes  No % Solids:  pH:  Flash Point:  °F

**Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.**

## RCRA Regulatory Questions

- Does this waste or generating process contain regulated concentrations of the following Pesticides and/ or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?  Yes  No
- Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm) [reference 40 CFR 261.23(a)(5)]?  Yes  No
- Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?  Yes  No
- Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?  Yes  No
- Has this waste been delisted under 40 CFR 260.20 and 260.22? If yes, attach the final decision to delist the waste as published in the Federal Register.  Yes  No
- Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations? If Yes, identify the applicable waste code and specify if the waste is hazardous as defined by Federal, State or both?
- Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?  Yes  No
- Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?  Yes  No
- Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?  Yes  No
- Is this a solid waste that is not a hazardous waste in accordance with 40 CFR 261.4(b)? If yes, please provide the corresponding regulatory citation.

## Republic Services Waste Handling Questions

- Does this waste generate heat or react when contacted with water/moisture?  Yes  No
- Does the waste contain sulfur or sulfur by-products?  Yes  No
- Is this waste generated at a State or Federal Superfund cleanup site subject to regulation under CERCLA?  Yes  No
- Is this waste from a TSD facility, TSD-like facility or consolidator (i.e. multiple wastes/multiple generators)?  Yes  No
- If yes to the above question, please provide clarification.

# Special Waste Profile



## VI. Certification

*I hereby certify that I have knowledge about the waste material being offered for disposal ("Waste") and have the requisite authority to bind the Generator to the information contained in this Special Waste Profile ("Profile"). I further certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the Waste and all known or suspected hazards have been disclosed. All Analytical Results/Safety Data Sheets submitted are truthful and complete and are representative of the Waste.*

*I further certify that by utilizing this Profile, neither myself nor any other employee or representative of the company identified below ("Company") will deliver for disposal or attempt to deliver for disposal any Waste that: (i) is classified as toxic waste, hazardous waste or infectious waste; (ii) that does not conform to this Profile; or (iii) that this Disposal Facility is prohibiting from accepting by law. I shall immediately give written notice of any change or condition pertaining to the Waste not provided herein. Our Company hereby agrees to fully indemnify this Disposal Facility against any damages resulting from this Profile or Certification being inaccurate or untrue.*

*I understand that by attaching an electronic signature, I am signing this document and Company consents to complete this transaction and receive all related communications electronically, and agrees this document will be binding as though it had been physically signed. A printout of this Profile may be accepted with the same authority as the original.*

Kelley Gallese

Authorized Representative Name  
(Printed)

Director of Development

Title  
(Printed)

IQHQ Elco Yards, LP

Company Name

DocuSigned by:  
Kelley Gallese  
C00E24FF89244FF

Representative Signature

9/20/2022

Date

Attachment B  
VOC Soil Analytical Report



# McC Campbell Analytical, Inc.

"When Quality Counts"

## Analytical Report

**WorkOrder:** 2209583

**Report Created for:** Ramboll

2200 Powell Street, 7th Floor  
Emeryville, CA 94608

**Project Contact:** Jason Kane

**Project P.O.:**

**Project:** 1690025294-004; Elco Yards

**Project Received:** 09/12/2022

Analytical Report reviewed & approved for release on 09/16/2022 by:

Christine Askari  
Project Manager

*The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.*





## Glossary of Terms & Qualifier Definitions

**Client:** Ramboll

**WorkOrder:** 2209583

**Project:** 1690025294-004; Elco Yards

### Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)





## Glossary of Terms & Qualifier Definitions

**Client:** Ramboll

**WorkOrder:** 2209583

**Project:** 1690025294-004; Elco Yards

### Analytical Qualifiers

J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
S	Surrogate recovery outside accepted recovery limits.
a2	Sample diluted due to cluttered chromatogram.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
d7	Strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9	No recognizable pattern
e2	Diesel range compounds are detected; no recognizable pattern
e7	Oil range compounds are detected.
h7	Copper (EPA 3660B) cleanup

### Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.
F3	The surrogate standard recovery and/or RPD is outside of acceptance limits.
F5	LCS/LCSD recovery is outside of acceptance limits; however, the data is acceptable based upon the TNI allowable marginal exceedances.
F10	MS/MSD outside control limits. Physical or chemical interferences exist due to sample matrix.



## Case Narrative

**Client:** Ramboll  
**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
September 14, 2022

Percent Moisture

In accordance with SW-846, 8000, percent moisture is reported as:

$$[\text{Moisture Weight (g)}] / [\text{Sample Wet Weight (g)}] \times 100$$



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3060A  
**Analytical Method:** SW7199  
**Unit:** mg/Kg

### Hexavalent chromium by Alkaline Digestion and IC Analysis

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	IC2 22091356.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/13/2022 23:44

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	IC2 22091401.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/13/2022 23:54

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	IC2 22091402.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	0.24	0.20	1	09/14/2022 00:05

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	IC2 22091346.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/13/2022 22:02

Analyst(s): ND

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3060A  
**Analytical Method:** SW7199  
**Unit:** mg/Kg

### Hexavalent chromium by Alkaline Digestion and IC Analysis

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	IC2 22091403.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/14/2022 00:15

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	IC2 22091404.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/14/2022 00:25

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	IC2 22091405.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/14/2022 00:35

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	IC2 22091406.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/14/2022 00:45

Analyst(s): ND



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC40 09152248.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/15/2022 21:01
a-BHC	ND	0.00010	1	09/15/2022 21:01
b-BHC	ND	0.00030	1	09/15/2022 21:01
d-BHC	ND	0.00020	1	09/15/2022 21:01
g-BHC	ND	0.00010	1	09/15/2022 21:01
Chlordane (Technical)	ND	0.0025	1	09/15/2022 21:01
a-Chlordane	ND	0.00010	1	09/15/2022 21:01
g-Chlordane	<b>0.00021</b>	0.00010	1	09/15/2022 21:01
p,p-DDD	ND	0.00010	1	09/15/2022 21:01
p,p-DDE	ND	0.00010	1	09/15/2022 21:01
p,p-DDT	<b>0.00037</b>	0.00010	1	09/15/2022 21:01
Dieldrin	ND	0.00010	1	09/15/2022 21:01
Endosulfan I	ND	0.00010	1	09/15/2022 21:01
Endosulfan II	ND	0.00010	1	09/15/2022 21:01
Endosulfan sulfate	ND	0.00010	1	09/15/2022 21:01
Endrin	ND	0.00010	1	09/15/2022 21:01
Endrin aldehyde	ND	0.00010	1	09/15/2022 21:01
Endrin ketone	ND	0.00010	1	09/15/2022 21:01
Heptachlor	ND	0.00010	1	09/15/2022 21:01
Heptachlor epoxide	ND	0.00010	1	09/15/2022 21:01
Hexachlorobenzene	ND	0.0010	1	09/15/2022 21:01
Hexachlorocyclopentadiene	ND	0.0020	1	09/15/2022 21:01
Methoxychlor	ND	0.00020	1	09/15/2022 21:01
Toxaphene	ND	0.0050	1	09/15/2022 21:01
Aroclor1016	ND	0.0050	1	09/15/2022 21:01
Aroclor1221	ND	0.0050	1	09/15/2022 21:01
Aroclor1232	ND	0.0050	1	09/15/2022 21:01
Aroclor1242	ND	0.0050	1	09/15/2022 21:01
Aroclor1248	ND	0.0050	1	09/15/2022 21:01
Aroclor1254	ND	0.0050	1	09/15/2022 21:01
Aroclor1260	ND	0.0050	1	09/15/2022 21:01
PCBs, total	ND	0.0050	1	09/15/2022 21:01

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	83	20-145	09/15/2022 21:01

Analyst(s): CN

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC40 09152247.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/15/2022 20:47
a-BHC	ND	0.00010	1	09/15/2022 20:47
b-BHC	ND	0.00030	1	09/15/2022 20:47
d-BHC	ND	0.00020	1	09/15/2022 20:47
g-BHC	ND	0.00010	1	09/15/2022 20:47
Chlordane (Technical)	ND	0.0025	1	09/15/2022 20:47
a-Chlordane	ND	0.00010	1	09/15/2022 20:47
g-Chlordane	ND	0.00010	1	09/15/2022 20:47
p,p-DDD	ND	0.00010	1	09/15/2022 20:47
p,p-DDE	ND	0.00010	1	09/15/2022 20:47
p,p-DDT	ND	0.00010	1	09/15/2022 20:47
Dieldrin	ND	0.00010	1	09/15/2022 20:47
Endosulfan I	ND	0.00010	1	09/15/2022 20:47
Endosulfan II	ND	0.00010	1	09/15/2022 20:47
Endosulfan sulfate	ND	0.00010	1	09/15/2022 20:47
Endrin	ND	0.00010	1	09/15/2022 20:47
Endrin aldehyde	ND	0.00010	1	09/15/2022 20:47
Endrin ketone	ND	0.00010	1	09/15/2022 20:47
Heptachlor	ND	0.00010	1	09/15/2022 20:47
Heptachlor epoxide	ND	0.00010	1	09/15/2022 20:47
Hexachlorobenzene	ND	0.0010	1	09/15/2022 20:47
Hexachlorocyclopentadiene	ND	0.0020	1	09/15/2022 20:47
Methoxychlor	ND	0.00020	1	09/15/2022 20:47
Toxaphene	ND	0.0050	1	09/15/2022 20:47
Aroclor1016	ND	0.0050	1	09/15/2022 20:47
Aroclor1221	ND	0.0050	1	09/15/2022 20:47
Aroclor1232	ND	0.0050	1	09/15/2022 20:47
Aroclor1242	ND	0.0050	1	09/15/2022 20:47
Aroclor1248	ND	0.0050	1	09/15/2022 20:47
Aroclor1254	ND	0.0050	1	09/15/2022 20:47
Aroclor1260	ND	0.0050	1	09/15/2022 20:47
PCBs, total	ND	0.0050	1	09/15/2022 20:47

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	70	20-145	09/15/2022 20:47

Analyst(s): CN

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC40 09142241.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/14/2022 19:17
a-BHC	ND	0.00010	1	09/14/2022 19:17
b-BHC	ND	0.00030	1	09/14/2022 19:17
d-BHC	ND	0.00020	1	09/14/2022 19:17
g-BHC	ND	0.00010	1	09/14/2022 19:17
Chlordane (Technical)	ND	0.0025	1	09/14/2022 19:17
a-Chlordane	ND	0.00010	1	09/14/2022 19:17
g-Chlordane	ND	0.00010	1	09/14/2022 19:17
p,p-DDD	ND	0.00010	1	09/14/2022 19:17
p,p-DDE	ND	0.00010	1	09/14/2022 19:17
p,p-DDT	ND	0.00010	1	09/14/2022 19:17
Dieldrin	ND	0.00010	1	09/14/2022 19:17
Endosulfan I	ND	0.00010	1	09/14/2022 19:17
Endosulfan II	ND	0.00010	1	09/14/2022 19:17
Endosulfan sulfate	ND	0.00010	1	09/14/2022 19:17
Endrin	ND	0.00010	1	09/14/2022 19:17
Endrin aldehyde	ND	0.00010	1	09/14/2022 19:17
Endrin ketone	ND	0.00010	1	09/14/2022 19:17
Heptachlor	ND	0.00010	1	09/14/2022 19:17
Heptachlor epoxide	ND	0.00010	1	09/14/2022 19:17
Hexachlorobenzene	ND	0.0010	1	09/14/2022 19:17
Hexachlorocyclopentadiene	ND	0.0020	1	09/14/2022 19:17
Methoxychlor	ND	0.00020	1	09/14/2022 19:17
Toxaphene	ND	0.0050	1	09/14/2022 19:17
Aroclor1016	ND	0.0050	1	09/14/2022 19:17
Aroclor1221	ND	0.0050	1	09/14/2022 19:17
Aroclor1232	ND	0.0050	1	09/14/2022 19:17
Aroclor1242	ND	0.0050	1	09/14/2022 19:17
Aroclor1248	ND	0.0050	1	09/14/2022 19:17
Aroclor1254	ND	0.0050	1	09/14/2022 19:17
Aroclor1260	ND	0.0050	1	09/14/2022 19:17
PCBs, total	ND	0.0050	1	09/14/2022 19:17

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	92	20-145	09/14/2022 19:17

**Analyst(s):** SVE

(Cont.)



# Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

## Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC40 09152246.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.010	100	09/15/2022 20:33
a-BHC	ND	0.010	100	09/15/2022 20:33
b-BHC	ND	0.030	100	09/15/2022 20:33
d-BHC	ND	0.020	100	09/15/2022 20:33
g-BHC	ND	0.010	100	09/15/2022 20:33
Chlordane (Technical)	ND	0.25	100	09/15/2022 20:33
a-Chlordane	ND	0.010	100	09/15/2022 20:33
g-Chlordane	ND	0.010	100	09/15/2022 20:33
p,p-DDD	ND	0.010	100	09/15/2022 20:33
p,p-DDE	ND	0.010	100	09/15/2022 20:33
p,p-DDT	ND	0.010	100	09/15/2022 20:33
Dieldrin	ND	0.010	100	09/15/2022 20:33
Endosulfan I	ND	0.010	100	09/15/2022 20:33
Endosulfan II	ND	0.010	100	09/15/2022 20:33
Endosulfan sulfate	ND	0.010	100	09/15/2022 20:33
Endrin	ND	0.010	100	09/15/2022 20:33
Endrin aldehyde	ND	0.010	100	09/15/2022 20:33
Endrin ketone	ND	0.010	100	09/15/2022 20:33
Heptachlor	ND	0.010	100	09/15/2022 20:33
Heptachlor epoxide	ND	0.010	100	09/15/2022 20:33
Hexachlorobenzene	ND	0.10	100	09/15/2022 20:33
Hexachlorocyclopentadiene	ND	0.20	100	09/15/2022 20:33
Methoxychlor	ND	0.020	100	09/15/2022 20:33
Toxaphene	ND	0.50	100	09/15/2022 20:33
Aroclor1016	ND	0.50	100	09/15/2022 20:33
Aroclor1221	ND	0.50	100	09/15/2022 20:33
Aroclor1232	ND	0.50	100	09/15/2022 20:33
Aroclor1242	ND	0.50	100	09/15/2022 20:33
Aroclor1248	ND	0.50	100	09/15/2022 20:33
Aroclor1254	ND	0.50	100	09/15/2022 20:33
Aroclor1260	ND	0.50	100	09/15/2022 20:33
PCBs, total	ND	0.50	100	09/15/2022 20:33

Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
Decachlorobiphenyl	347	S	20-145	09/15/2022 20:33

Analyst(s): CN

Analytical Comments: a2,c1,h7

(Cont.)





## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC40 09142242.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/14/2022 19:31
a-BHC	ND	0.00010	1	09/14/2022 19:31
b-BHC	ND	0.00030	1	09/14/2022 19:31
d-BHC	ND	0.00020	1	09/14/2022 19:31
g-BHC	ND	0.00010	1	09/14/2022 19:31
Chlordane (Technical)	ND	0.0025	1	09/14/2022 19:31
a-Chlordane	ND	0.00010	1	09/14/2022 19:31
g-Chlordane	ND	0.00010	1	09/14/2022 19:31
p,p-DDD	ND	0.00010	1	09/14/2022 19:31
p,p-DDE	ND	0.00010	1	09/14/2022 19:31
p,p-DDT	<b>0.00015</b>	0.00010	1	09/14/2022 19:31
Dieldrin	ND	0.00010	1	09/14/2022 19:31
Endosulfan I	ND	0.00010	1	09/14/2022 19:31
Endosulfan II	ND	0.00010	1	09/14/2022 19:31
Endosulfan sulfate	ND	0.00010	1	09/14/2022 19:31
Endrin	ND	0.00010	1	09/14/2022 19:31
Endrin aldehyde	ND	0.00010	1	09/14/2022 19:31
Endrin ketone	ND	0.00010	1	09/14/2022 19:31
Heptachlor	ND	0.00010	1	09/14/2022 19:31
Heptachlor epoxide	ND	0.00010	1	09/14/2022 19:31
Hexachlorobenzene	ND	0.0010	1	09/14/2022 19:31
Hexachlorocyclopentadiene	ND	0.0020	1	09/14/2022 19:31
Methoxychlor	ND	0.00020	1	09/14/2022 19:31
Toxaphene	ND	0.0050	1	09/14/2022 19:31
Aroclor1016	ND	0.0050	1	09/14/2022 19:31
Aroclor1221	ND	0.0050	1	09/14/2022 19:31
Aroclor1232	ND	0.0050	1	09/14/2022 19:31
Aroclor1242	ND	0.0050	1	09/14/2022 19:31
Aroclor1248	ND	0.0050	1	09/14/2022 19:31
Aroclor1254	ND	0.0050	1	09/14/2022 19:31
Aroclor1260	ND	0.0050	1	09/14/2022 19:31
PCBs, total	ND	0.0050	1	09/14/2022 19:31

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	98	20-145	09/14/2022 19:31

Analyst(s): SVE

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC40 09142243.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/14/2022 19:46
a-BHC	ND	0.00010	1	09/14/2022 19:46
b-BHC	ND	0.00030	1	09/14/2022 19:46
d-BHC	ND	0.00020	1	09/14/2022 19:46
g-BHC	ND	0.00010	1	09/14/2022 19:46
Chlordane (Technical)	ND	0.0025	1	09/14/2022 19:46
a-Chlordane	ND	0.00010	1	09/14/2022 19:46
g-Chlordane	ND	0.00010	1	09/14/2022 19:46
p,p-DDD	ND	0.00010	1	09/14/2022 19:46
p,p-DDE	<b>0.00016</b>	0.00010	1	09/14/2022 19:46
p,p-DDT	ND	0.00010	1	09/14/2022 19:46
Dieldrin	ND	0.00010	1	09/14/2022 19:46
Endosulfan I	ND	0.00010	1	09/14/2022 19:46
Endosulfan II	ND	0.00010	1	09/14/2022 19:46
Endosulfan sulfate	ND	0.00010	1	09/14/2022 19:46
Endrin	ND	0.00010	1	09/14/2022 19:46
Endrin aldehyde	ND	0.00010	1	09/14/2022 19:46
Endrin ketone	ND	0.00010	1	09/14/2022 19:46
Heptachlor	ND	0.00010	1	09/14/2022 19:46
Heptachlor epoxide	ND	0.00010	1	09/14/2022 19:46
Hexachlorobenzene	ND	0.0010	1	09/14/2022 19:46
Hexachlorocyclopentadiene	ND	0.0020	1	09/14/2022 19:46
Methoxychlor	ND	0.00020	1	09/14/2022 19:46
Toxaphene	ND	0.0050	1	09/14/2022 19:46
Aroclor1016	ND	0.0050	1	09/14/2022 19:46
Aroclor1221	ND	0.0050	1	09/14/2022 19:46
Aroclor1232	ND	0.0050	1	09/14/2022 19:46
Aroclor1242	ND	0.0050	1	09/14/2022 19:46
Aroclor1248	ND	0.0050	1	09/14/2022 19:46
Aroclor1254	ND	0.0050	1	09/14/2022 19:46
Aroclor1260	ND	0.0050	1	09/14/2022 19:46
PCBs, total	ND	0.0050	1	09/14/2022 19:46

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	88	20-145	09/14/2022 19:46

Analyst(s): SVE

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC40 09142244.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/14/2022 20:00
a-BHC	ND	0.00010	1	09/14/2022 20:00
b-BHC	ND	0.00030	1	09/14/2022 20:00
d-BHC	ND	0.00020	1	09/14/2022 20:00
g-BHC	ND	0.00010	1	09/14/2022 20:00
Chlordane (Technical)	ND	0.0025	1	09/14/2022 20:00
a-Chlordane	ND	0.00010	1	09/14/2022 20:00
g-Chlordane	ND	0.00010	1	09/14/2022 20:00
p,p-DDD	ND	0.00010	1	09/14/2022 20:00
p,p-DDE	ND	0.00010	1	09/14/2022 20:00
p,p-DDT	ND	0.00010	1	09/14/2022 20:00
Dieldrin	ND	0.00010	1	09/14/2022 20:00
Endosulfan I	ND	0.00010	1	09/14/2022 20:00
Endosulfan II	ND	0.00010	1	09/14/2022 20:00
Endosulfan sulfate	ND	0.00010	1	09/14/2022 20:00
Endrin	ND	0.00010	1	09/14/2022 20:00
Endrin aldehyde	ND	0.00010	1	09/14/2022 20:00
Endrin ketone	ND	0.00010	1	09/14/2022 20:00
Heptachlor	ND	0.00010	1	09/14/2022 20:00
Heptachlor epoxide	ND	0.00010	1	09/14/2022 20:00
Hexachlorobenzene	ND	0.0010	1	09/14/2022 20:00
Hexachlorocyclopentadiene	ND	0.0020	1	09/14/2022 20:00
Methoxychlor	ND	0.00020	1	09/14/2022 20:00
Toxaphene	ND	0.0050	1	09/14/2022 20:00
Aroclor1016	ND	0.0050	1	09/14/2022 20:00
Aroclor1221	ND	0.0050	1	09/14/2022 20:00
Aroclor1232	ND	0.0050	1	09/14/2022 20:00
Aroclor1242	ND	0.0050	1	09/14/2022 20:00
Aroclor1248	ND	0.0050	1	09/14/2022 20:00
Aroclor1254	ND	0.0050	1	09/14/2022 20:00
Aroclor1260	ND	0.0050	1	09/14/2022 20:00
PCBs, total	ND	0.0050	1	09/14/2022 20:00

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	97	20-145	09/14/2022 20:00

Analyst(s): SVE

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC40 09152245.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	10	09/15/2022 20:19
a-BHC	ND	0.0010	10	09/15/2022 20:19
b-BHC	ND	0.0030	10	09/15/2022 20:19
d-BHC	ND	0.0020	10	09/15/2022 20:19
g-BHC	ND	0.0010	10	09/15/2022 20:19
Chlordane (Technical)	ND	0.025	10	09/15/2022 20:19
a-Chlordane	ND	0.0010	10	09/15/2022 20:19
g-Chlordane	ND	0.0010	10	09/15/2022 20:19
p,p-DDD	ND	0.0010	10	09/15/2022 20:19
p,p-DDE	ND	0.0010	10	09/15/2022 20:19
p,p-DDT	ND	0.0010	10	09/15/2022 20:19
Dieldrin	ND	0.0010	10	09/15/2022 20:19
Endosulfan I	ND	0.0010	10	09/15/2022 20:19
Endosulfan II	ND	0.0010	10	09/15/2022 20:19
Endosulfan sulfate	ND	0.0010	10	09/15/2022 20:19
Endrin	ND	0.0010	10	09/15/2022 20:19
Endrin aldehyde	ND	0.0010	10	09/15/2022 20:19
Endrin ketone	ND	0.0010	10	09/15/2022 20:19
Heptachlor	ND	0.0010	10	09/15/2022 20:19
Heptachlor epoxide	ND	0.0010	10	09/15/2022 20:19
Hexachlorobenzene	ND	0.010	10	09/15/2022 20:19
Hexachlorocyclopentadiene	ND	0.020	10	09/15/2022 20:19
Methoxychlor	ND	0.0020	10	09/15/2022 20:19
Toxaphene	ND	0.050	10	09/15/2022 20:19
Aroclor1016	ND	0.050	10	09/15/2022 20:19
Aroclor1221	ND	0.050	10	09/15/2022 20:19
Aroclor1232	ND	0.050	10	09/15/2022 20:19
Aroclor1242	ND	0.050	10	09/15/2022 20:19
Aroclor1248	ND	0.050	10	09/15/2022 20:19
Aroclor1254	ND	0.050	10	09/15/2022 20:19
Aroclor1260	ND	0.050	10	09/15/2022 20:19
PCBs, total	ND	0.050	10	09/15/2022 20:19

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	144	20-145	09/15/2022 20:19

Analyst(s): CN

Analytical Comments: a2



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC18 09132227.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 01:31
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 01:31
Benzene	ND	0.0050	1	09/14/2022 01:31
Bromobenzene	ND	0.0050	1	09/14/2022 01:31
Bromochloromethane	ND	0.0050	1	09/14/2022 01:31
Bromodichloromethane	ND	0.0050	1	09/14/2022 01:31
Bromoform	ND	0.0050	1	09/14/2022 01:31
Bromomethane	ND	0.0050	1	09/14/2022 01:31
2-Butanone (MEK)	ND	0.10	1	09/14/2022 01:31
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 01:31
n-Butyl benzene	ND	0.0050	1	09/14/2022 01:31
sec-Butyl benzene	ND	0.0050	1	09/14/2022 01:31
tert-Butyl benzene	ND	0.0050	1	09/14/2022 01:31
Carbon Disulfide	ND	0.0050	1	09/14/2022 01:31
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 01:31
Chlorobenzene	ND	0.0050	1	09/14/2022 01:31
Chloroethane	ND	0.0050	1	09/14/2022 01:31
Chloroform	ND	0.0050	1	09/14/2022 01:31
Chloromethane	ND	0.0050	1	09/14/2022 01:31
2-Chlorotoluene	ND	0.0050	1	09/14/2022 01:31
4-Chlorotoluene	ND	0.0050	1	09/14/2022 01:31
Dibromochloromethane	ND	0.0050	1	09/14/2022 01:31
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 01:31
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 01:31
Dibromomethane	ND	0.0050	1	09/14/2022 01:31
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 01:31
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 01:31
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 01:31
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 01:31
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 01:31
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 01:31
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 01:31
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 01:31
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 01:31
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 01:31
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 01:31
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 01:31

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC18 09132227.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 01:31
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 01:31
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 01:31
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 01:31
Ethylbenzene	ND	0.0050	1	09/14/2022 01:31
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 01:31
Freon 113	ND	0.0050	1	09/14/2022 01:31
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 01:31
Hexachloroethane	ND	0.0050	1	09/14/2022 01:31
2-Hexanone	ND	0.0050	1	09/14/2022 01:31
Isopropylbenzene	ND	0.0050	1	09/14/2022 01:31
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 01:31
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 01:31
Methylene chloride	ND	0.020	1	09/14/2022 01:31
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 01:31
Naphthalene	ND	0.0050	1	09/14/2022 01:31
n-Propyl benzene	ND	0.0050	1	09/14/2022 01:31
Styrene	ND	0.0050	1	09/14/2022 01:31
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 01:31
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 01:31
Tetrachloroethene	ND	0.0050	1	09/14/2022 01:31
Toluene	ND	0.0050	1	09/14/2022 01:31
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 01:31
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 01:31
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 01:31
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 01:31
Trichloroethene	ND	0.0050	1	09/14/2022 01:31
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 01:31
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 01:31
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 01:31
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 01:31
Vinyl Chloride	ND	0.00025	1	09/14/2022 01:31
m,p-Xylene	ND	0.0050	1	09/14/2022 01:31
o-Xylene	ND	0.0050	1	09/14/2022 01:31
Xylenes, Total	ND	0.0050	1	09/14/2022 01:31

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC18 09132227.D	253723

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
Dibromofluoromethane	98	70-140		09/14/2022 01:31
Toluene-d8	99	70-140		09/14/2022 01:31
4-BFB	90	70-140		09/14/2022 01:31
Benzene-d6	90	50-140		09/14/2022 01:31
Ethylbenzene-d10	91	50-140		09/14/2022 01:31
1,2-DCB-d4	70	40-140		09/14/2022 01:31

Analyst(s): KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC18 09132228.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 02:12
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 02:12
Benzene	ND	0.0050	1	09/14/2022 02:12
Bromobenzene	ND	0.0050	1	09/14/2022 02:12
Bromochloromethane	ND	0.0050	1	09/14/2022 02:12
Bromodichloromethane	ND	0.0050	1	09/14/2022 02:12
Bromoform	ND	0.0050	1	09/14/2022 02:12
Bromomethane	ND	0.0050	1	09/14/2022 02:12
2-Butanone (MEK)	ND	0.10	1	09/14/2022 02:12
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 02:12
n-Butyl benzene	ND	0.0050	1	09/14/2022 02:12
sec-Butyl benzene	ND	0.0050	1	09/14/2022 02:12
tert-Butyl benzene	ND	0.0050	1	09/14/2022 02:12
Carbon Disulfide	ND	0.0050	1	09/14/2022 02:12
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 02:12
Chlorobenzene	ND	0.0050	1	09/14/2022 02:12
Chloroethane	ND	0.0050	1	09/14/2022 02:12
Chloroform	ND	0.0050	1	09/14/2022 02:12
Chloromethane	ND	0.0050	1	09/14/2022 02:12
2-Chlorotoluene	ND	0.0050	1	09/14/2022 02:12
4-Chlorotoluene	ND	0.0050	1	09/14/2022 02:12
Dibromochloromethane	ND	0.0050	1	09/14/2022 02:12
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 02:12
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 02:12
Dibromomethane	ND	0.0050	1	09/14/2022 02:12
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:12
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:12
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:12
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 02:12
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 02:12
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 02:12
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 02:12
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 02:12
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 02:12
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 02:12
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 02:12
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 02:12

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC18 09132228.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 02:12
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 02:12
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 02:12
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 02:12
Ethylbenzene	ND	0.0050	1	09/14/2022 02:12
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 02:12
Freon 113	ND	0.0050	1	09/14/2022 02:12
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 02:12
Hexachloroethane	ND	0.0050	1	09/14/2022 02:12
2-Hexanone	ND	0.0050	1	09/14/2022 02:12
Isopropylbenzene	ND	0.0050	1	09/14/2022 02:12
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 02:12
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 02:12
Methylene chloride	ND	0.020	1	09/14/2022 02:12
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 02:12
Naphthalene	ND	0.0050	1	09/14/2022 02:12
n-Propyl benzene	ND	0.0050	1	09/14/2022 02:12
Styrene	ND	0.0050	1	09/14/2022 02:12
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 02:12
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 02:12
Tetrachloroethene	ND	0.0050	1	09/14/2022 02:12
Toluene	ND	0.0050	1	09/14/2022 02:12
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 02:12
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 02:12
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 02:12
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 02:12
Trichloroethene	ND	0.0050	1	09/14/2022 02:12
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 02:12
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 02:12
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 02:12
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 02:12
Vinyl Chloride	ND	0.00025	1	09/14/2022 02:12
m,p-Xylene	ND	0.0050	1	09/14/2022 02:12
o-Xylene	ND	0.0050	1	09/14/2022 02:12
Xylenes, Total	ND	0.0050	1	09/14/2022 02:12

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC18 09132228.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 02:12
Toluene-d8	99	70-140		09/14/2022 02:12
4-BFB	89	70-140		09/14/2022 02:12
Benzene-d6	90	50-140		09/14/2022 02:12
Ethylbenzene-d10	92	50-140		09/14/2022 02:12
1,2-DCB-d4	71	40-140		09/14/2022 02:12

**Analyst(s):** KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC18 09132229.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 02:54
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 02:54
Benzene	ND	0.0050	1	09/14/2022 02:54
Bromobenzene	ND	0.0050	1	09/14/2022 02:54
Bromochloromethane	ND	0.0050	1	09/14/2022 02:54
Bromodichloromethane	ND	0.0050	1	09/14/2022 02:54
Bromoform	ND	0.0050	1	09/14/2022 02:54
Bromomethane	ND	0.0050	1	09/14/2022 02:54
2-Butanone (MEK)	ND	0.10	1	09/14/2022 02:54
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 02:54
n-Butyl benzene	ND	0.0050	1	09/14/2022 02:54
sec-Butyl benzene	ND	0.0050	1	09/14/2022 02:54
tert-Butyl benzene	ND	0.0050	1	09/14/2022 02:54
Carbon Disulfide	ND	0.0050	1	09/14/2022 02:54
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 02:54
Chlorobenzene	ND	0.0050	1	09/14/2022 02:54
Chloroethane	ND	0.0050	1	09/14/2022 02:54
Chloroform	ND	0.0050	1	09/14/2022 02:54
Chloromethane	ND	0.0050	1	09/14/2022 02:54
2-Chlorotoluene	ND	0.0050	1	09/14/2022 02:54
4-Chlorotoluene	ND	0.0050	1	09/14/2022 02:54
Dibromochloromethane	ND	0.0050	1	09/14/2022 02:54
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 02:54
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 02:54
Dibromomethane	ND	0.0050	1	09/14/2022 02:54
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:54
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:54
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:54
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 02:54
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 02:54
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 02:54
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 02:54
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 02:54
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 02:54
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 02:54
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 02:54
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 02:54

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC18 09132229.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 02:54
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 02:54
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 02:54
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 02:54
Ethylbenzene	ND	0.0050	1	09/14/2022 02:54
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 02:54
Freon 113	ND	0.0050	1	09/14/2022 02:54
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 02:54
Hexachloroethane	ND	0.0050	1	09/14/2022 02:54
2-Hexanone	ND	0.0050	1	09/14/2022 02:54
Isopropylbenzene	ND	0.0050	1	09/14/2022 02:54
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 02:54
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 02:54
Methylene chloride	ND	0.020	1	09/14/2022 02:54
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 02:54
Naphthalene	ND	0.0050	1	09/14/2022 02:54
n-Propyl benzene	ND	0.0050	1	09/14/2022 02:54
Styrene	ND	0.0050	1	09/14/2022 02:54
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 02:54
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 02:54
Tetrachloroethene	ND	0.0050	1	09/14/2022 02:54
Toluene	ND	0.0050	1	09/14/2022 02:54
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 02:54
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 02:54
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 02:54
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 02:54
Trichloroethene	ND	0.0050	1	09/14/2022 02:54
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 02:54
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 02:54
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 02:54
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 02:54
Vinyl Chloride	ND	0.00025	1	09/14/2022 02:54
m,p-Xylene	ND	0.0050	1	09/14/2022 02:54
o-Xylene	ND	0.0050	1	09/14/2022 02:54
Xylenes, Total	ND	0.0050	1	09/14/2022 02:54

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC18 09132229.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 02:54
Toluene-d8	100	70-140		09/14/2022 02:54
4-BFB	93	70-140		09/14/2022 02:54
Benzene-d6	89	50-140		09/14/2022 02:54
Ethylbenzene-d10	92	50-140		09/14/2022 02:54
1,2-DCB-d4	72	40-140		09/14/2022 02:54

**Analyst(s):** KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC18 09132230.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 03:36
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 03:36
Benzene	ND	0.0050	1	09/14/2022 03:36
Bromobenzene	ND	0.0050	1	09/14/2022 03:36
Bromochloromethane	ND	0.0050	1	09/14/2022 03:36
Bromodichloromethane	ND	0.0050	1	09/14/2022 03:36
Bromoform	ND	0.0050	1	09/14/2022 03:36
Bromomethane	ND	0.0050	1	09/14/2022 03:36
2-Butanone (MEK)	ND	0.10	1	09/14/2022 03:36
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 03:36
n-Butyl benzene	ND	0.0050	1	09/14/2022 03:36
sec-Butyl benzene	ND	0.0050	1	09/14/2022 03:36
tert-Butyl benzene	ND	0.0050	1	09/14/2022 03:36
Carbon Disulfide	ND	0.0050	1	09/14/2022 03:36
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 03:36
Chlorobenzene	ND	0.0050	1	09/14/2022 03:36
Chloroethane	ND	0.0050	1	09/14/2022 03:36
Chloroform	ND	0.0050	1	09/14/2022 03:36
Chloromethane	ND	0.0050	1	09/14/2022 03:36
2-Chlorotoluene	ND	0.0050	1	09/14/2022 03:36
4-Chlorotoluene	ND	0.0050	1	09/14/2022 03:36
Dibromochloromethane	ND	0.0050	1	09/14/2022 03:36
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 03:36
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 03:36
Dibromomethane	ND	0.0050	1	09/14/2022 03:36
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 03:36
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 03:36
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 03:36
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 03:36
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 03:36
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 03:36
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 03:36
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 03:36
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 03:36
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 03:36
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 03:36
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 03:36

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC18 09132230.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 03:36
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 03:36
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 03:36
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 03:36
Ethylbenzene	ND	0.0050	1	09/14/2022 03:36
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 03:36
Freon 113	ND	0.0050	1	09/14/2022 03:36
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 03:36
Hexachloroethane	ND	0.0050	1	09/14/2022 03:36
2-Hexanone	ND	0.0050	1	09/14/2022 03:36
Isopropylbenzene	ND	0.0050	1	09/14/2022 03:36
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 03:36
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 03:36
Methylene chloride	ND	0.020	1	09/14/2022 03:36
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 03:36
Naphthalene	ND	0.0050	1	09/14/2022 03:36
n-Propyl benzene	ND	0.0050	1	09/14/2022 03:36
Styrene	ND	0.0050	1	09/14/2022 03:36
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 03:36
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 03:36
Tetrachloroethene	ND	0.0050	1	09/14/2022 03:36
Toluene	ND	0.0050	1	09/14/2022 03:36
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 03:36
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 03:36
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 03:36
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 03:36
Trichloroethene	ND	0.0050	1	09/14/2022 03:36
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 03:36
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 03:36
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 03:36
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 03:36
Vinyl Chloride	ND	0.00025	1	09/14/2022 03:36
m,p-Xylene	ND	0.0050	1	09/14/2022 03:36
o-Xylene	ND	0.0050	1	09/14/2022 03:36
Xylenes, Total	ND	0.0050	1	09/14/2022 03:36

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC18 09132230.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 03:36
Toluene-d8	99	70-140		09/14/2022 03:36
4-BFB	91	70-140		09/14/2022 03:36
Benzene-d6	82	50-140		09/14/2022 03:36
Ethylbenzene-d10	83	50-140		09/14/2022 03:36
1,2-DCB-d4	66	40-140		09/14/2022 03:36

**Analyst(s):** KF





## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC18 09132231.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 04:17
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 04:17
Benzene	ND	0.0050	1	09/14/2022 04:17
Bromobenzene	ND	0.0050	1	09/14/2022 04:17
Bromochloromethane	ND	0.0050	1	09/14/2022 04:17
Bromodichloromethane	ND	0.0050	1	09/14/2022 04:17
Bromoform	ND	0.0050	1	09/14/2022 04:17
Bromomethane	ND	0.0050	1	09/14/2022 04:17
2-Butanone (MEK)	ND	0.10	1	09/14/2022 04:17
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 04:17
n-Butyl benzene	ND	0.0050	1	09/14/2022 04:17
sec-Butyl benzene	ND	0.0050	1	09/14/2022 04:17
tert-Butyl benzene	ND	0.0050	1	09/14/2022 04:17
Carbon Disulfide	ND	0.0050	1	09/14/2022 04:17
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 04:17
Chlorobenzene	ND	0.0050	1	09/14/2022 04:17
Chloroethane	ND	0.0050	1	09/14/2022 04:17
Chloroform	ND	0.0050	1	09/14/2022 04:17
Chloromethane	ND	0.0050	1	09/14/2022 04:17
2-Chlorotoluene	ND	0.0050	1	09/14/2022 04:17
4-Chlorotoluene	ND	0.0050	1	09/14/2022 04:17
Dibromochloromethane	ND	0.0050	1	09/14/2022 04:17
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 04:17
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 04:17
Dibromomethane	ND	0.0050	1	09/14/2022 04:17
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:17
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:17
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:17
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 04:17
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 04:17
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 04:17
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 04:17
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 04:17
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 04:17
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 04:17
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 04:17
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 04:17

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC18 09132231.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 04:17
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 04:17
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 04:17
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 04:17
Ethylbenzene	ND	0.0050	1	09/14/2022 04:17
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 04:17
Freon 113	ND	0.0050	1	09/14/2022 04:17
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 04:17
Hexachloroethane	ND	0.0050	1	09/14/2022 04:17
2-Hexanone	ND	0.0050	1	09/14/2022 04:17
Isopropylbenzene	ND	0.0050	1	09/14/2022 04:17
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 04:17
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 04:17
Methylene chloride	ND	0.020	1	09/14/2022 04:17
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 04:17
Naphthalene	ND	0.0050	1	09/14/2022 04:17
n-Propyl benzene	ND	0.0050	1	09/14/2022 04:17
Styrene	ND	0.0050	1	09/14/2022 04:17
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 04:17
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 04:17
Tetrachloroethene	ND	0.0050	1	09/14/2022 04:17
Toluene	ND	0.0050	1	09/14/2022 04:17
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 04:17
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 04:17
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 04:17
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 04:17
Trichloroethene	ND	0.0050	1	09/14/2022 04:17
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 04:17
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 04:17
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 04:17
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 04:17
Vinyl Chloride	ND	0.00025	1	09/14/2022 04:17
m,p-Xylene	ND	0.0050	1	09/14/2022 04:17
o-Xylene	ND	0.0050	1	09/14/2022 04:17
Xylenes, Total	ND	0.0050	1	09/14/2022 04:17

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC18 09132231.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 04:17
Toluene-d8	101	70-140		09/14/2022 04:17
4-BFB	89	70-140		09/14/2022 04:17
Benzene-d6	92	50-140		09/14/2022 04:17
Ethylbenzene-d10	98	50-140		09/14/2022 04:17
1,2-DCB-d4	72	40-140		09/14/2022 04:17

**Analyst(s):** KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC18 09132232.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 04:59
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 04:59
Benzene	ND	0.0050	1	09/14/2022 04:59
Bromobenzene	ND	0.0050	1	09/14/2022 04:59
Bromochloromethane	ND	0.0050	1	09/14/2022 04:59
Bromodichloromethane	ND	0.0050	1	09/14/2022 04:59
Bromoform	ND	0.0050	1	09/14/2022 04:59
Bromomethane	ND	0.0050	1	09/14/2022 04:59
2-Butanone (MEK)	ND	0.10	1	09/14/2022 04:59
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 04:59
n-Butyl benzene	ND	0.0050	1	09/14/2022 04:59
sec-Butyl benzene	ND	0.0050	1	09/14/2022 04:59
tert-Butyl benzene	ND	0.0050	1	09/14/2022 04:59
Carbon Disulfide	ND	0.0050	1	09/14/2022 04:59
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 04:59
Chlorobenzene	ND	0.0050	1	09/14/2022 04:59
Chloroethane	ND	0.0050	1	09/14/2022 04:59
Chloroform	ND	0.0050	1	09/14/2022 04:59
Chloromethane	ND	0.0050	1	09/14/2022 04:59
2-Chlorotoluene	ND	0.0050	1	09/14/2022 04:59
4-Chlorotoluene	ND	0.0050	1	09/14/2022 04:59
Dibromochloromethane	ND	0.0050	1	09/14/2022 04:59
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 04:59
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 04:59
Dibromomethane	ND	0.0050	1	09/14/2022 04:59
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:59
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:59
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:59
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 04:59
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 04:59
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 04:59
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 04:59
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 04:59
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 04:59
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 04:59
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 04:59
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 04:59

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC18 09132232.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 04:59
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 04:59
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 04:59
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 04:59
Ethylbenzene	ND	0.0050	1	09/14/2022 04:59
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 04:59
Freon 113	ND	0.0050	1	09/14/2022 04:59
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 04:59
Hexachloroethane	ND	0.0050	1	09/14/2022 04:59
2-Hexanone	ND	0.0050	1	09/14/2022 04:59
Isopropylbenzene	ND	0.0050	1	09/14/2022 04:59
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 04:59
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 04:59
Methylene chloride	ND	0.020	1	09/14/2022 04:59
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 04:59
Naphthalene	ND	0.0050	1	09/14/2022 04:59
n-Propyl benzene	ND	0.0050	1	09/14/2022 04:59
Styrene	ND	0.0050	1	09/14/2022 04:59
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 04:59
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 04:59
Tetrachloroethene	ND	0.0050	1	09/14/2022 04:59
Toluene	ND	0.0050	1	09/14/2022 04:59
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 04:59
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 04:59
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 04:59
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 04:59
Trichloroethene	ND	0.0050	1	09/14/2022 04:59
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 04:59
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 04:59
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 04:59
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 04:59
Vinyl Chloride	ND	0.00025	1	09/14/2022 04:59
m,p-Xylene	ND	0.0050	1	09/14/2022 04:59
o-Xylene	ND	0.0050	1	09/14/2022 04:59
Xylenes, Total	ND	0.0050	1	09/14/2022 04:59

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC18 09132232.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	96	70-140		09/14/2022 04:59
Toluene-d8	100	70-140		09/14/2022 04:59
4-BFB	92	70-140		09/14/2022 04:59
Benzene-d6	88	50-140		09/14/2022 04:59
Ethylbenzene-d10	93	50-140		09/14/2022 04:59
1,2-DCB-d4	70	40-140		09/14/2022 04:59

Analyst(s): KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC18 09132233.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 05:40
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 05:40
Benzene	ND	0.0050	1	09/14/2022 05:40
Bromobenzene	ND	0.0050	1	09/14/2022 05:40
Bromochloromethane	ND	0.0050	1	09/14/2022 05:40
Bromodichloromethane	ND	0.0050	1	09/14/2022 05:40
Bromoform	ND	0.0050	1	09/14/2022 05:40
Bromomethane	ND	0.0050	1	09/14/2022 05:40
2-Butanone (MEK)	ND	0.10	1	09/14/2022 05:40
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 05:40
n-Butyl benzene	ND	0.0050	1	09/14/2022 05:40
sec-Butyl benzene	ND	0.0050	1	09/14/2022 05:40
tert-Butyl benzene	ND	0.0050	1	09/14/2022 05:40
Carbon Disulfide	ND	0.0050	1	09/14/2022 05:40
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 05:40
Chlorobenzene	ND	0.0050	1	09/14/2022 05:40
Chloroethane	ND	0.0050	1	09/14/2022 05:40
Chloroform	ND	0.0050	1	09/14/2022 05:40
Chloromethane	ND	0.0050	1	09/14/2022 05:40
2-Chlorotoluene	ND	0.0050	1	09/14/2022 05:40
4-Chlorotoluene	ND	0.0050	1	09/14/2022 05:40
Dibromochloromethane	ND	0.0050	1	09/14/2022 05:40
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 05:40
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 05:40
Dibromomethane	ND	0.0050	1	09/14/2022 05:40
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 05:40
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 05:40
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 05:40
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 05:40
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 05:40
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 05:40
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 05:40
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 05:40
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 05:40
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 05:40
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 05:40
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 05:40

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## Analytical Report

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**Date Received:** 09/12/2022 17:00  
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**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC18 09132233.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 05:40
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 05:40
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 05:40
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 05:40
Ethylbenzene	ND	0.0050	1	09/14/2022 05:40
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 05:40
Freon 113	ND	0.0050	1	09/14/2022 05:40
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 05:40
Hexachloroethane	ND	0.0050	1	09/14/2022 05:40
2-Hexanone	ND	0.0050	1	09/14/2022 05:40
Isopropylbenzene	ND	0.0050	1	09/14/2022 05:40
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 05:40
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 05:40
Methylene chloride	ND	0.020	1	09/14/2022 05:40
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 05:40
Naphthalene	ND	0.0050	1	09/14/2022 05:40
n-Propyl benzene	ND	0.0050	1	09/14/2022 05:40
Styrene	ND	0.0050	1	09/14/2022 05:40
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 05:40
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 05:40
Tetrachloroethene	ND	0.0050	1	09/14/2022 05:40
Toluene	ND	0.0050	1	09/14/2022 05:40
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 05:40
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 05:40
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 05:40
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 05:40
Trichloroethene	ND	0.0050	1	09/14/2022 05:40
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 05:40
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 05:40
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 05:40
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 05:40
Vinyl Chloride	ND	0.00025	1	09/14/2022 05:40
m,p-Xylene	ND	0.0050	1	09/14/2022 05:40
o-Xylene	ND	0.0050	1	09/14/2022 05:40
Xylenes, Total	ND	0.0050	1	09/14/2022 05:40

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC18 09132233.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 05:40
Toluene-d8	99	70-140		09/14/2022 05:40
4-BFB	91	70-140		09/14/2022 05:40
Benzene-d6	90	50-140		09/14/2022 05:40
Ethylbenzene-d10	91	50-140		09/14/2022 05:40
1,2-DCB-d4	68	40-140		09/14/2022 05:40

**Analyst(s):** KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC18 09132234.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	2.0	10	09/14/2022 06:21
tert-Amyl methyl ether (TAME)	ND	0.050	10	09/14/2022 06:21
Benzene	ND	0.050	10	09/14/2022 06:21
Bromobenzene	ND	0.050	10	09/14/2022 06:21
Bromochloromethane	ND	0.050	10	09/14/2022 06:21
Bromodichloromethane	ND	0.050	10	09/14/2022 06:21
Bromoform	ND	0.050	10	09/14/2022 06:21
Bromomethane	ND	0.050	10	09/14/2022 06:21
2-Butanone (MEK)	ND	1.0	10	09/14/2022 06:21
t-Butyl alcohol (TBA)	ND	0.50	10	09/14/2022 06:21
n-Butyl benzene	<b>0.25</b>	0.050	10	09/14/2022 06:21
sec-Butyl benzene	ND	0.050	10	09/14/2022 06:21
tert-Butyl benzene	ND	0.050	10	09/14/2022 06:21
Carbon Disulfide	ND	0.050	10	09/14/2022 06:21
Carbon Tetrachloride	ND	0.050	10	09/14/2022 06:21
Chlorobenzene	ND	0.050	10	09/14/2022 06:21
Chloroethane	ND	0.050	10	09/14/2022 06:21
Chloroform	ND	0.050	10	09/14/2022 06:21
Chloromethane	ND	0.050	10	09/14/2022 06:21
2-Chlorotoluene	ND	0.050	10	09/14/2022 06:21
4-Chlorotoluene	ND	0.050	10	09/14/2022 06:21
Dibromochloromethane	ND	0.050	10	09/14/2022 06:21
1,2-Dibromo-3-chloropropane	ND	0.0050	10	09/14/2022 06:21
1,2-Dibromoethane (EDB)	ND	0.0025	10	09/14/2022 06:21
Dibromomethane	ND	0.050	10	09/14/2022 06:21
1,2-Dichlorobenzene	ND	0.050	10	09/14/2022 06:21
1,3-Dichlorobenzene	ND	0.050	10	09/14/2022 06:21
1,4-Dichlorobenzene	ND	0.050	10	09/14/2022 06:21
Dichlorodifluoromethane	ND	0.050	10	09/14/2022 06:21
1,1-Dichloroethane	ND	0.050	10	09/14/2022 06:21
1,2-Dichloroethane (1,2-DCA)	ND	0.0010	10	09/14/2022 06:21
1,1-Dichloroethene	ND	0.050	10	09/14/2022 06:21
cis-1,2-Dichloroethene	ND	0.050	10	09/14/2022 06:21
trans-1,2-Dichloroethene	ND	0.050	10	09/14/2022 06:21
1,2-Dichloropropane	ND	0.050	10	09/14/2022 06:21
1,3-Dichloropropane	ND	0.050	10	09/14/2022 06:21
2,2-Dichloropropane	ND	0.050	10	09/14/2022 06:21

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC18 09132234.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.050	10	09/14/2022 06:21
cis-1,3-Dichloropropene	ND	0.050	10	09/14/2022 06:21
trans-1,3-Dichloropropene	ND	0.050	10	09/14/2022 06:21
Diisopropyl ether (DIPE)	ND	0.050	10	09/14/2022 06:21
Ethylbenzene	ND	0.050	10	09/14/2022 06:21
Ethyl tert-butyl ether (ETBE)	ND	0.050	10	09/14/2022 06:21
Freon 113	ND	0.050	10	09/14/2022 06:21
Hexachlorobutadiene	ND	0.050	10	09/14/2022 06:21
Hexachloroethane	ND	0.050	10	09/14/2022 06:21
2-Hexanone	ND	0.050	10	09/14/2022 06:21
Isopropylbenzene	ND	0.050	10	09/14/2022 06:21
4-Isopropyl toluene	ND	0.050	10	09/14/2022 06:21
Methyl-t-butyl ether (MTBE)	ND	0.050	10	09/14/2022 06:21
Methylene chloride	ND	0.20	10	09/14/2022 06:21
4-Methyl-2-pentanone (MIBK)	ND	0.050	10	09/14/2022 06:21
Naphthalene	<b>0.89</b>	0.050	10	09/14/2022 06:21
n-Propyl benzene	<b>0.054</b>	0.050	10	09/14/2022 06:21
Styrene	ND	0.050	10	09/14/2022 06:21
1,1,1,2-Tetrachloroethane	ND	0.050	10	09/14/2022 06:21
1,1,2,2-Tetrachloroethane	ND	0.050	10	09/14/2022 06:21
Tetrachloroethene	ND	0.050	10	09/14/2022 06:21
Toluene	ND	0.050	10	09/14/2022 06:21
1,2,3-Trichlorobenzene	ND	0.050	10	09/14/2022 06:21
1,2,4-Trichlorobenzene	ND	0.050	10	09/14/2022 06:21
1,1,1-Trichloroethane	ND	0.050	10	09/14/2022 06:21
1,1,2-Trichloroethane	ND	0.050	10	09/14/2022 06:21
Trichloroethene	ND	0.050	10	09/14/2022 06:21
Trichlorofluoromethane	ND	0.050	10	09/14/2022 06:21
1,2,3-Trichloropropane	ND	0.0025	10	09/14/2022 06:21
1,2,4-Trimethylbenzene	<b>0.60</b>	0.050	10	09/14/2022 06:21
1,3,5-Trimethylbenzene	<b>0.12</b>	0.050	10	09/14/2022 06:21
Vinyl Chloride	ND	0.0025	10	09/14/2022 06:21
m,p-Xylene	ND	0.050	10	09/14/2022 06:21
o-Xylene	ND	0.050	10	09/14/2022 06:21
Xylenes, Total	ND	0.050	10	09/14/2022 06:21

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC18 09132234.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 06:21
Toluene-d8	91	70-140		09/14/2022 06:21
4-BFB	78	70-140		09/14/2022 06:21
Benzene-d6	96	50-140		09/14/2022 06:21
Ethylbenzene-d10	103	50-140		09/14/2022 06:21
1,2-DCB-d4	84	40-140		09/14/2022 06:21

**Analyst(s):** KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC17 09142214.D	253764

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	09/14/2022 15:08
Acenaphthylene	ND	0.0013	1	09/14/2022 15:08
Acetochlor	ND	0.25	1	09/14/2022 15:08
Anthracene	ND	0.0013	1	09/14/2022 15:08
Benzidine	ND	1.2	1	09/14/2022 15:08
Benzo (a) anthracene	ND	0.013	1	09/14/2022 15:08
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 15:08
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 15:08
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 15:08
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 15:08
Benzyl Alcohol	ND	1.2	1	09/14/2022 15:08
1,1-Biphenyl	ND	0.013	1	09/14/2022 15:08
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 15:08
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 15:08
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 15:08
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 15:08
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 15:08
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 15:08
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 15:08
4-Chloroaniline	ND	0.0025	1	09/14/2022 15:08
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 15:08
2-Chloronaphthalene	ND	0.25	1	09/14/2022 15:08
2-Chlorophenol	ND	0.013	1	09/14/2022 15:08
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 15:08
Chrysene	ND	0.0025	1	09/14/2022 15:08
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 15:08
Dibenzofuran	ND	0.0013	1	09/14/2022 15:08
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 15:08
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 15:08
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 15:08
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 15:08
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 15:08
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 15:08
Diethyl Phthalate	ND	0.013	1	09/14/2022 15:08
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 15:08
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 15:08
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 15:08

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC17 09142214.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 15:08
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 15:08
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 15:08
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 15:08
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 15:08
Fluoranthene	ND	0.0013	1	09/14/2022 15:08
Fluorene	ND	0.0025	1	09/14/2022 15:08
Hexachlorobenzene	ND	0.0013	1	09/14/2022 15:08
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 15:08
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 15:08
Hexachloroethane	ND	0.013	1	09/14/2022 15:08
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 15:08
Isophorone	ND	0.25	1	09/14/2022 15:08
1-Methylnaphthalene	ND	0.0013	1	09/14/2022 15:08
2-Methylnaphthalene	ND	0.0025	1	09/14/2022 15:08
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 15:08
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 15:08
Naphthalene	ND	0.0062	1	09/14/2022 15:08
2-Nitroaniline	ND	1.2	1	09/14/2022 15:08
3-Nitroaniline	ND	1.2	1	09/14/2022 15:08
4-Nitroaniline	ND	1.2	1	09/14/2022 15:08
Nitrobenzene	ND	0.25	1	09/14/2022 15:08
2-Nitrophenol	ND	1.2	1	09/14/2022 15:08
4-Nitrophenol	ND	1.2	1	09/14/2022 15:08
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 15:08
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 15:08
Pentachlorophenol	ND	0.062	1	09/14/2022 15:08
Phenanthrene	ND	0.0050	1	09/14/2022 15:08
Phenol	ND	0.050	1	09/14/2022 15:08
Pyrene	ND	0.0025	1	09/14/2022 15:08
Pyridine	ND	0.25	1	09/14/2022 15:08
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 15:08
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 15:08
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 15:08

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC17 09142214.D	253764

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	129	60-130		09/14/2022 15:08
Phenol-d5	115	60-130		09/14/2022 15:08
Nitrobenzene-d5	110	60-130		09/14/2022 15:08
2-Fluorobiphenyl	115	60-130		09/14/2022 15:08
2,4,6-Tribromophenol	97	50-130		09/14/2022 15:08
4-Terphenyl-d14	118	50-130		09/14/2022 15:08

Analyst(s): MV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC17 09142215.D	253764

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	09/14/2022 15:36
Acenaphthylene	ND	0.0013	1	09/14/2022 15:36
Acetochlor	ND	0.25	1	09/14/2022 15:36
Anthracene	ND	0.0013	1	09/14/2022 15:36
Benzidine	ND	1.2	1	09/14/2022 15:36
Benzo (a) anthracene	ND	0.013	1	09/14/2022 15:36
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 15:36
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 15:36
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 15:36
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 15:36
Benzyl Alcohol	ND	1.2	1	09/14/2022 15:36
1,1-Biphenyl	ND	0.013	1	09/14/2022 15:36
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 15:36
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 15:36
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 15:36
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 15:36
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 15:36
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 15:36
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 15:36
4-Chloroaniline	ND	0.0025	1	09/14/2022 15:36
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 15:36
2-Chloronaphthalene	ND	0.25	1	09/14/2022 15:36
2-Chlorophenol	ND	0.013	1	09/14/2022 15:36
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 15:36
Chrysene	ND	0.0025	1	09/14/2022 15:36
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 15:36
Dibenzofuran	ND	0.0013	1	09/14/2022 15:36
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 15:36
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 15:36
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 15:36
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 15:36
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 15:36
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 15:36
Diethyl Phthalate	ND	0.013	1	09/14/2022 15:36
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 15:36
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 15:36
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 15:36

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC17 09142215.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 15:36
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 15:36
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 15:36
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 15:36
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 15:36
Fluoranthene	ND	0.0013	1	09/14/2022 15:36
Fluorene	ND	0.0025	1	09/14/2022 15:36
Hexachlorobenzene	ND	0.0013	1	09/14/2022 15:36
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 15:36
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 15:36
Hexachloroethane	ND	0.013	1	09/14/2022 15:36
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 15:36
Isophorone	ND	0.25	1	09/14/2022 15:36
1-Methylnaphthalene	ND	0.0013	1	09/14/2022 15:36
2-Methylnaphthalene	ND	0.0025	1	09/14/2022 15:36
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 15:36
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 15:36
Naphthalene	ND	0.0062	1	09/14/2022 15:36
2-Nitroaniline	ND	1.2	1	09/14/2022 15:36
3-Nitroaniline	ND	1.2	1	09/14/2022 15:36
4-Nitroaniline	ND	1.2	1	09/14/2022 15:36
Nitrobenzene	ND	0.25	1	09/14/2022 15:36
2-Nitrophenol	ND	1.2	1	09/14/2022 15:36
4-Nitrophenol	ND	1.2	1	09/14/2022 15:36
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 15:36
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 15:36
Pentachlorophenol	ND	0.062	1	09/14/2022 15:36
Phenanthrene	ND	0.0050	1	09/14/2022 15:36
Phenol	ND	0.050	1	09/14/2022 15:36
Pyrene	ND	0.0025	1	09/14/2022 15:36
Pyridine	ND	0.25	1	09/14/2022 15:36
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 15:36
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 15:36
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 15:36

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC17 09142215.D	253764

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	117	60-130		09/14/2022 15:36
Phenol-d5	106	60-130		09/14/2022 15:36
Nitrobenzene-d5	100	60-130		09/14/2022 15:36
2-Fluorobiphenyl	101	60-130		09/14/2022 15:36
2,4,6-Tribromophenol	88	50-130		09/14/2022 15:36
4-Terphenyl-d14	107	50-130		09/14/2022 15:36

**Analyst(s):** MV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10		GC17 09142216.D	253764
Analytes	Result	RL	DF	Date Analyzed		
Acenaphthene	ND	0.0013	1	09/14/2022 16:03		
Acenaphthylene	ND	0.0013	1	09/14/2022 16:03		
Acetochlor	ND	0.25	1	09/14/2022 16:03		
Anthracene	ND	0.0013	1	09/14/2022 16:03		
Benzidine	ND	1.2	1	09/14/2022 16:03		
Benzo (a) anthracene	ND	0.013	1	09/14/2022 16:03		
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 16:03		
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 16:03		
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 16:03		
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 16:03		
Benzyl Alcohol	ND	1.2	1	09/14/2022 16:03		
1,1-Biphenyl	ND	0.013	1	09/14/2022 16:03		
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 16:03		
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 16:03		
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 16:03		
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 16:03		
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 16:03		
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:03		
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 16:03		
4-Chloroaniline	ND	0.0025	1	09/14/2022 16:03		
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 16:03		
2-Chloronaphthalene	ND	0.25	1	09/14/2022 16:03		
2-Chlorophenol	ND	0.013	1	09/14/2022 16:03		
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:03		
Chrysene	ND	0.0025	1	09/14/2022 16:03		
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 16:03		
Dibenzofuran	ND	0.0013	1	09/14/2022 16:03		
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 16:03		
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 16:03		
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 16:03		
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 16:03		
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 16:03		
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 16:03		
Diethyl Phthalate	ND	0.013	1	09/14/2022 16:03		
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 16:03		
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 16:03		
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 16:03		

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC17 09142216.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 16:03
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 16:03
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 16:03
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 16:03
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 16:03
Fluoranthene	ND	0.0013	1	09/14/2022 16:03
Fluorene	ND	0.0025	1	09/14/2022 16:03
Hexachlorobenzene	ND	0.0013	1	09/14/2022 16:03
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 16:03
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 16:03
Hexachloroethane	ND	0.013	1	09/14/2022 16:03
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 16:03
Isophorone	ND	0.25	1	09/14/2022 16:03
1-Methylnaphthalene	ND	0.0013	1	09/14/2022 16:03
2-Methylnaphthalene	ND	0.0025	1	09/14/2022 16:03
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 16:03
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 16:03
Naphthalene	ND	0.0062	1	09/14/2022 16:03
2-Nitroaniline	ND	1.2	1	09/14/2022 16:03
3-Nitroaniline	ND	1.2	1	09/14/2022 16:03
4-Nitroaniline	ND	1.2	1	09/14/2022 16:03
Nitrobenzene	ND	0.25	1	09/14/2022 16:03
2-Nitrophenol	ND	1.2	1	09/14/2022 16:03
4-Nitrophenol	ND	1.2	1	09/14/2022 16:03
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 16:03
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 16:03
Pentachlorophenol	ND	0.062	1	09/14/2022 16:03
Phenanthrene	ND	0.0050	1	09/14/2022 16:03
Phenol	ND	0.050	1	09/14/2022 16:03
Pyrene	ND	0.0025	1	09/14/2022 16:03
Pyridine	ND	0.25	1	09/14/2022 16:03
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 16:03
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 16:03
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 16:03

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC17 09142216.D	253764

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
2-Fluorophenol	87	60-130		09/14/2022 16:03
Phenol-d5	77	60-130		09/14/2022 16:03
Nitrobenzene-d5	72	60-130		09/14/2022 16:03
2-Fluorobiphenyl	76	60-130		09/14/2022 16:03
2,4,6-Tribromophenol	62	50-130		09/14/2022 16:03
4-Terphenyl-d14	83	50-130		09/14/2022 16:03

Analyst(s): MV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC17 09142217.D	253764

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	0.0053	0.0013	1	09/14/2022 16:31
Acenaphthylene	0.0015	0.0013	1	09/14/2022 16:31
Acetochlor	ND	0.25	1	09/14/2022 16:31
Anthracene	ND	0.0013	1	09/14/2022 16:31
Benzidine	ND	1.2	1	09/14/2022 16:31
Benzo (a) anthracene	ND	0.013	1	09/14/2022 16:31
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 16:31
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 16:31
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 16:31
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 16:31
Benzyl Alcohol	ND	1.2	1	09/14/2022 16:31
1,1-Biphenyl	ND	0.013	1	09/14/2022 16:31
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 16:31
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 16:31
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 16:31
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 16:31
Bis (2-ethylhexyl) Phthalate	0.29	0.025	1	09/14/2022 16:31
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:31
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 16:31
4-Chloroaniline	ND	0.0025	1	09/14/2022 16:31
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 16:31
2-Chloronaphthalene	ND	0.25	1	09/14/2022 16:31
2-Chlorophenol	ND	0.013	1	09/14/2022 16:31
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:31
Chrysene	ND	0.0025	1	09/14/2022 16:31
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 16:31
Dibenzofuran	0.0032	0.0013	1	09/14/2022 16:31
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 16:31
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 16:31
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 16:31
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 16:31
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 16:31
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 16:31
Diethyl Phthalate	ND	0.013	1	09/14/2022 16:31
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 16:31
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 16:31
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 16:31

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC17 09142217.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 16:31
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 16:31
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 16:31
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 16:31
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 16:31
Fluoranthene	<b>0.0025</b>	0.0013	1	09/14/2022 16:31
Fluorene	<b>0.017</b>	0.0025	1	09/14/2022 16:31
Hexachlorobenzene	ND	0.0013	1	09/14/2022 16:31
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 16:31
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 16:31
Hexachloroethane	ND	0.013	1	09/14/2022 16:31
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 16:31
Isophorone	ND	0.25	1	09/14/2022 16:31
1-Methylnaphthalene	<b>0.0034</b>	0.0013	1	09/14/2022 16:31
2-Methylnaphthalene	ND	0.0025	1	09/14/2022 16:31
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 16:31
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 16:31
Naphthalene	ND	0.0062	1	09/14/2022 16:31
2-Nitroaniline	ND	1.2	1	09/14/2022 16:31
3-Nitroaniline	ND	1.2	1	09/14/2022 16:31
4-Nitroaniline	ND	1.2	1	09/14/2022 16:31
Nitrobenzene	ND	0.25	1	09/14/2022 16:31
2-Nitrophenol	ND	1.2	1	09/14/2022 16:31
4-Nitrophenol	ND	1.2	1	09/14/2022 16:31
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 16:31
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 16:31
Pentachlorophenol	ND	0.062	1	09/14/2022 16:31
Phenanthrene	ND	0.0050	1	09/14/2022 16:31
Phenol	ND	0.050	1	09/14/2022 16:31
Pyrene	<b>0.0070</b>	0.0025	1	09/14/2022 16:31
Pyridine	ND	0.25	1	09/14/2022 16:31
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 16:31
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 16:31
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 16:31

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC17 09142217.D	253764

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	92	60-130		09/14/2022 16:31
Phenol-d5	84	60-130		09/14/2022 16:31
Nitrobenzene-d5	78	60-130		09/14/2022 16:31
2-Fluorobiphenyl	83	60-130		09/14/2022 16:31
2,4,6-Tribromophenol	84	50-130		09/14/2022 16:31
4-Terphenyl-d14	101	50-130		09/14/2022 16:31

**Analyst(s):** MV





## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC17 09142218.D	253764

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	09/14/2022 16:58
Acenaphthylene	ND	0.0013	1	09/14/2022 16:58
Acetochlor	ND	0.25	1	09/14/2022 16:58
Anthracene	ND	0.0013	1	09/14/2022 16:58
Benzidine	ND	1.2	1	09/14/2022 16:58
Benzo (a) anthracene	ND	0.013	1	09/14/2022 16:58
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 16:58
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 16:58
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 16:58
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 16:58
Benzyl Alcohol	ND	1.2	1	09/14/2022 16:58
1,1-Biphenyl	ND	0.013	1	09/14/2022 16:58
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 16:58
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 16:58
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 16:58
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 16:58
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 16:58
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:58
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 16:58
4-Chloroaniline	ND	0.0025	1	09/14/2022 16:58
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 16:58
2-Chloronaphthalene	ND	0.25	1	09/14/2022 16:58
2-Chlorophenol	ND	0.013	1	09/14/2022 16:58
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:58
Chrysene	ND	0.0025	1	09/14/2022 16:58
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 16:58
Dibenzofuran	ND	0.0013	1	09/14/2022 16:58
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 16:58
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 16:58
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 16:58
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 16:58
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 16:58
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 16:58
Diethyl Phthalate	ND	0.013	1	09/14/2022 16:58
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 16:58
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 16:58
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 16:58

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC17 09142218.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 16:58
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 16:58
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 16:58
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 16:58
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 16:58
Fluoranthene	ND	0.0013	1	09/14/2022 16:58
Fluorene	ND	0.0025	1	09/14/2022 16:58
Hexachlorobenzene	ND	0.0013	1	09/14/2022 16:58
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 16:58
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 16:58
Hexachloroethane	ND	0.013	1	09/14/2022 16:58
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 16:58
Isophorone	ND	0.25	1	09/14/2022 16:58
1-Methylnaphthalene	<b>0.0028</b>	0.0013	1	09/14/2022 16:58
2-Methylnaphthalene	<b>0.0032</b>	0.0025	1	09/14/2022 16:58
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 16:58
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 16:58
Naphthalene	ND	0.0062	1	09/14/2022 16:58
2-Nitroaniline	ND	1.2	1	09/14/2022 16:58
3-Nitroaniline	ND	1.2	1	09/14/2022 16:58
4-Nitroaniline	ND	1.2	1	09/14/2022 16:58
Nitrobenzene	ND	0.25	1	09/14/2022 16:58
2-Nitrophenol	ND	1.2	1	09/14/2022 16:58
4-Nitrophenol	ND	1.2	1	09/14/2022 16:58
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 16:58
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 16:58
Pentachlorophenol	ND	0.062	1	09/14/2022 16:58
Phenanthrene	ND	0.0050	1	09/14/2022 16:58
Phenol	ND	0.050	1	09/14/2022 16:58
Pyrene	ND	0.0025	1	09/14/2022 16:58
Pyridine	ND	0.25	1	09/14/2022 16:58
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 16:58
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 16:58
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 16:58

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC17 09142218.D	253764

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	91	60-130		09/14/2022 16:58
Phenol-d5	82	60-130		09/14/2022 16:58
Nitrobenzene-d5	82	60-130		09/14/2022 16:58
2-Fluorobiphenyl	77	60-130		09/14/2022 16:58
2,4,6-Tribromophenol	65	50-130		09/14/2022 16:58
4-Terphenyl-d14	79	50-130		09/14/2022 16:58

Analyst(s): MV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25		GC17 09142219.D	253764
Analytes	Result	RL	DF	Date Analyzed		
Acenaphthene	ND	0.0013	1	09/14/2022 17:25		
Acenaphthylene	ND	0.0013	1	09/14/2022 17:25		
Acetochlor	ND	0.25	1	09/14/2022 17:25		
Anthracene	ND	0.0013	1	09/14/2022 17:25		
Benzidine	ND	1.2	1	09/14/2022 17:25		
Benzo (a) anthracene	ND	0.013	1	09/14/2022 17:25		
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 17:25		
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 17:25		
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 17:25		
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 17:25		
Benzyl Alcohol	ND	1.2	1	09/14/2022 17:25		
1,1-Biphenyl	ND	0.013	1	09/14/2022 17:25		
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 17:25		
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 17:25		
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 17:25		
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 17:25		
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 17:25		
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 17:25		
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 17:25		
4-Chloroaniline	ND	0.0025	1	09/14/2022 17:25		
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 17:25		
2-Chloronaphthalene	ND	0.25	1	09/14/2022 17:25		
2-Chlorophenol	ND	0.013	1	09/14/2022 17:25		
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 17:25		
Chrysene	ND	0.0025	1	09/14/2022 17:25		
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 17:25		
Dibenzofuran	ND	0.0013	1	09/14/2022 17:25		
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 17:25		
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 17:25		
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 17:25		
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 17:25		
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 17:25		
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 17:25		
Diethyl Phthalate	ND	0.013	1	09/14/2022 17:25		
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 17:25		
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 17:25		
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 17:25		

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC17 09142219.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 17:25
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 17:25
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 17:25
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 17:25
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 17:25
Fluoranthene	ND	0.0013	1	09/14/2022 17:25
Fluorene	ND	0.0025	1	09/14/2022 17:25
Hexachlorobenzene	ND	0.0013	1	09/14/2022 17:25
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 17:25
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 17:25
Hexachloroethane	ND	0.013	1	09/14/2022 17:25
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 17:25
Isophorone	ND	0.25	1	09/14/2022 17:25
1-Methylnaphthalene	<b>0.026</b>	0.0013	1	09/14/2022 17:25
2-Methylnaphthalene	<b>0.034</b>	0.0025	1	09/14/2022 17:25
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 17:25
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 17:25
Naphthalene	ND	0.0062	1	09/14/2022 17:25
2-Nitroaniline	ND	1.2	1	09/14/2022 17:25
3-Nitroaniline	ND	1.2	1	09/14/2022 17:25
4-Nitroaniline	ND	1.2	1	09/14/2022 17:25
Nitrobenzene	ND	0.25	1	09/14/2022 17:25
2-Nitrophenol	ND	1.2	1	09/14/2022 17:25
4-Nitrophenol	ND	1.2	1	09/14/2022 17:25
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 17:25
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 17:25
Pentachlorophenol	ND	0.062	1	09/14/2022 17:25
Phenanthrene	ND	0.0050	1	09/14/2022 17:25
Phenol	ND	0.050	1	09/14/2022 17:25
Pyrene	ND	0.0025	1	09/14/2022 17:25
Pyridine	ND	0.25	1	09/14/2022 17:25
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 17:25
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 17:25
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 17:25

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC17 09142219.D	253764

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	120	60-130		09/14/2022 17:25
Phenol-d5	110	60-130		09/14/2022 17:25
Nitrobenzene-d5	105	60-130		09/14/2022 17:25
2-Fluorobiphenyl	100	60-130		09/14/2022 17:25
2,4,6-Tribromophenol	86	50-130		09/14/2022 17:25
4-Terphenyl-d14	92	50-130		09/14/2022 17:25

**Analyst(s):** MV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC48 09142214.D	253909

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	09/14/2022 18:28
Acenaphthylene	ND	0.0013	1	09/14/2022 18:28
Acetochlor	ND	0.25	1	09/14/2022 18:28
Anthracene	ND	0.0013	1	09/14/2022 18:28
Benzidine	ND	1.2	1	09/14/2022 18:28
Benzo (a) anthracene	ND	0.013	1	09/14/2022 18:28
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 18:28
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 18:28
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 18:28
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 18:28
Benzyl Alcohol	ND	1.2	1	09/14/2022 18:28
1,1-Biphenyl	ND	0.013	1	09/14/2022 18:28
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 18:28
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 18:28
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 18:28
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 18:28
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 18:28
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 18:28
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 18:28
4-Chloroaniline	ND	0.0025	1	09/14/2022 18:28
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 18:28
2-Chloronaphthalene	ND	0.25	1	09/14/2022 18:28
2-Chlorophenol	ND	0.013	1	09/14/2022 18:28
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 18:28
Chrysene	ND	0.0025	1	09/14/2022 18:28
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 18:28
Dibenzofuran	ND	0.0013	1	09/14/2022 18:28
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 18:28
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 18:28
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 18:28
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 18:28
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 18:28
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 18:28
Diethyl Phthalate	ND	0.013	1	09/14/2022 18:28
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 18:28
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 18:28
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 18:28

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC48 09142214.D	253909

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 18:28
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 18:28
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 18:28
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 18:28
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 18:28
Fluoranthene	ND	0.0013	1	09/14/2022 18:28
Fluorene	ND	0.0025	1	09/14/2022 18:28
Hexachlorobenzene	ND	0.0013	1	09/14/2022 18:28
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 18:28
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 18:28
Hexachloroethane	ND	0.013	1	09/14/2022 18:28
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 18:28
Isophorone	ND	0.25	1	09/14/2022 18:28
1-Methylnaphthalene	ND	0.0013	1	09/14/2022 18:28
2-Methylnaphthalene	ND	0.0025	1	09/14/2022 18:28
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 18:28
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 18:28
Naphthalene	ND	0.0062	1	09/14/2022 18:28
2-Nitroaniline	ND	1.2	1	09/14/2022 18:28
3-Nitroaniline	ND	1.2	1	09/14/2022 18:28
4-Nitroaniline	ND	1.2	1	09/14/2022 18:28
Nitrobenzene	ND	0.25	1	09/14/2022 18:28
2-Nitrophenol	ND	1.2	1	09/14/2022 18:28
4-Nitrophenol	ND	1.2	1	09/14/2022 18:28
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 18:28
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 18:28
Pentachlorophenol	ND	0.062	1	09/14/2022 18:28
Phenanthrene	ND	0.0050	1	09/14/2022 18:28
Phenol	ND	0.050	1	09/14/2022 18:28
Pyrene	ND	0.0025	1	09/14/2022 18:28
Pyridine	ND	0.25	1	09/14/2022 18:28
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 18:28
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 18:28
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 18:28

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC48 09142214.D	253909

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	95	60-130		09/14/2022 18:28
Phenol-d5	89	60-130		09/14/2022 18:28
Nitrobenzene-d5	84	60-130		09/14/2022 18:28
2-Fluorobiphenyl	89	60-130		09/14/2022 18:28
2,4,6-Tribromophenol	64	50-130		09/14/2022 18:28
4-Terphenyl-d14	85	50-130		09/14/2022 18:28

**Analyst(s):** LAT



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC48 09142215.D	253909

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	0.0035	0.0013	1	09/14/2022 18:55
Acenaphthylene	0.0027	0.0013	1	09/14/2022 18:55
Acetochlor	ND	0.25	1	09/14/2022 18:55
Anthracene	0.0018	0.0013	1	09/14/2022 18:55
Benzdine	ND	1.2	1	09/14/2022 18:55
Benzo (a) anthracene	ND	0.013	1	09/14/2022 18:55
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 18:55
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 18:55
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 18:55
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 18:55
Benzyl Alcohol	ND	1.2	1	09/14/2022 18:55
1,1-Biphenyl	ND	0.013	1	09/14/2022 18:55
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 18:55
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 18:55
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 18:55
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 18:55
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 18:55
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 18:55
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 18:55
4-Chloroaniline	ND	0.0025	1	09/14/2022 18:55
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 18:55
2-Chloronaphthalene	ND	0.25	1	09/14/2022 18:55
2-Chlorophenol	ND	0.013	1	09/14/2022 18:55
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 18:55
Chrysene	ND	0.0025	1	09/14/2022 18:55
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 18:55
Dibenzofuran	ND	0.0013	1	09/14/2022 18:55
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 18:55
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 18:55
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 18:55
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 18:55
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 18:55
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 18:55
Diethyl Phthalate	ND	0.013	1	09/14/2022 18:55
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 18:55
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 18:55
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 18:55

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC48 09142215.D	253909

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 18:55
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 18:55
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 18:55
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 18:55
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 18:55
Fluoranthene	<b>0.0033</b>	0.0013	1	09/14/2022 18:55
Fluorene	<b>0.0045</b>	0.0025	1	09/14/2022 18:55
Hexachlorobenzene	ND	0.0013	1	09/14/2022 18:55
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 18:55
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 18:55
Hexachloroethane	ND	0.013	1	09/14/2022 18:55
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 18:55
Isophorone	ND	0.25	1	09/14/2022 18:55
1-Methylnaphthalene	<b>0.23</b>	0.0013	1	09/14/2022 18:55
2-Methylnaphthalene	<b>0.36</b>	0.0025	1	09/14/2022 18:55
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 18:55
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 18:55
Naphthalene	<b>0.11</b>	0.0062	1	09/14/2022 18:55
2-Nitroaniline	ND	1.2	1	09/14/2022 18:55
3-Nitroaniline	ND	1.2	1	09/14/2022 18:55
4-Nitroaniline	ND	1.2	1	09/14/2022 18:55
Nitrobenzene	ND	0.25	1	09/14/2022 18:55
2-Nitrophenol	ND	1.2	1	09/14/2022 18:55
4-Nitrophenol	ND	1.2	1	09/14/2022 18:55
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 18:55
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 18:55
Pentachlorophenol	ND	0.062	1	09/14/2022 18:55
Phenanthrene	<b>0.0099</b>	0.0050	1	09/14/2022 18:55
Phenol	ND	0.050	1	09/14/2022 18:55
Pyrene	<b>0.0048</b>	0.0025	1	09/14/2022 18:55
Pyridine	ND	0.25	1	09/14/2022 18:55
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 18:55
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 18:55
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 18:55

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC48 09142215.D	253909

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	91	60-130		09/14/2022 18:55
Phenol-d5	87	60-130		09/14/2022 18:55
Nitrobenzene-d5	80	60-130		09/14/2022 18:55
2-Fluorobiphenyl	87	60-130		09/14/2022 18:55
2,4,6-Tribromophenol	65	50-130		09/14/2022 18:55
4-Terphenyl-d14	83	50-130		09/14/2022 18:55

Analyst(s): LAT



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	ICP-MS5 149SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	0.63	0.50	1	09/13/2022 13:43
Arsenic	9.8	0.50	1	09/13/2022 13:43
Barium	290	5.0	1	09/13/2022 13:43
Beryllium	0.89	0.50	1	09/13/2022 13:43
Cadmium	ND	0.50	1	09/13/2022 13:43
Chromium	73	0.50	1	09/13/2022 13:43
Cobalt	11	0.50	1	09/13/2022 13:43
Copper	41	0.50	1	09/13/2022 13:43
Lead	10	0.50	1	09/13/2022 13:43
Mercury	0.053	0.050	1	09/13/2022 13:43
Molybdenum	1.2	0.50	1	09/13/2022 13:43
Nickel	63	0.50	1	09/13/2022 13:43
Selenium	ND	0.50	1	09/13/2022 13:43
Silver	ND	0.50	1	09/13/2022 13:43
Thallium	ND	0.50	1	09/13/2022 13:43
Vanadium	86	0.50	1	09/13/2022 13:43
Zinc	100	5.0	1	09/13/2022 13:43

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	105	70-130	09/13/2022 13:43

Analyst(s): MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	ICP-MS5 150SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/13/2022 13:46
Arsenic	7.1	0.50	1	09/13/2022 13:46
Barium	320	5.0	1	09/13/2022 13:46
Beryllium	0.73	0.50	1	09/13/2022 13:46
Cadmium	ND	0.50	1	09/13/2022 13:46
Chromium	83	0.50	1	09/13/2022 13:46
Cobalt	18	0.50	1	09/13/2022 13:46
Copper	36	0.50	1	09/13/2022 13:46
Lead	11	0.50	1	09/13/2022 13:46
Mercury	0.084	0.050	1	09/13/2022 13:46
Molybdenum	1.4	0.50	1	09/13/2022 13:46
Nickel	130	0.50	1	09/13/2022 13:46
Selenium	ND	0.50	1	09/13/2022 13:46
Silver	ND	0.50	1	09/13/2022 13:46
Thallium	ND	0.50	1	09/13/2022 13:46
Vanadium	68	0.50	1	09/13/2022 13:46
Zinc	67	5.0	1	09/13/2022 13:46

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	107	70-130	09/13/2022 13:46

Analyst(s): MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	ICP-MS5 151SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	0.58	0.50	1	09/13/2022 13:50
Arsenic	8.0	0.50	1	09/13/2022 13:50
Barium	290	5.0	1	09/13/2022 13:50
Beryllium	0.79	0.50	1	09/13/2022 13:50
Cadmium	ND	0.50	1	09/13/2022 13:50
Chromium	76	0.50	1	09/13/2022 13:50
Cobalt	12	0.50	1	09/13/2022 13:50
Copper	37	0.50	1	09/13/2022 13:50
Lead	9.7	0.50	1	09/13/2022 13:50
Mercury	0.068	0.050	1	09/13/2022 13:50
Molybdenum	1.5	0.50	1	09/13/2022 13:50
Nickel	92	0.50	1	09/13/2022 13:50
Selenium	ND	0.50	1	09/13/2022 13:50
Silver	ND	0.50	1	09/13/2022 13:50
Thallium	ND	0.50	1	09/13/2022 13:50
Vanadium	74	0.50	1	09/13/2022 13:50
Zinc	86	5.0	1	09/13/2022 13:50

Surrogates	REC (%)	Limits	
Terbium	108	70-130	09/13/2022 13:50

Analyst(s): MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	ICP-MS5 152SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	0.61	0.50	1	09/13/2022 13:53
Arsenic	6.8	0.50	1	09/13/2022 13:53
Barium	290	5.0	1	09/13/2022 13:53
Beryllium	0.86	0.50	1	09/13/2022 13:53
Cadmium	0.64	0.50	1	09/13/2022 13:53
Chromium	76	0.50	1	09/13/2022 13:53
Cobalt	12	0.50	1	09/13/2022 13:53
Copper	43	0.50	1	09/13/2022 13:53
Lead	12	0.50	1	09/13/2022 13:53
Mercury	ND	0.050	1	09/13/2022 13:53
Molybdenum	1.6	0.50	1	09/13/2022 13:53
Nickel	66	0.50	1	09/13/2022 13:53
Selenium	ND	0.50	1	09/13/2022 13:53
Silver	ND	0.50	1	09/13/2022 13:53
Thallium	ND	0.50	1	09/13/2022 13:53
Vanadium	81	0.50	1	09/13/2022 13:53
Zinc	110	5.0	1	09/13/2022 13:53

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	111	70-130	09/13/2022 13:53

Analyst(s): MIG





## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	ICP-MS5 153SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/13/2022 13:56
Arsenic	7.4	0.50	1	09/13/2022 13:56
Barium	400	5.0	1	09/13/2022 13:56
Beryllium	0.81	0.50	1	09/13/2022 13:56
Cadmium	ND	0.50	1	09/13/2022 13:56
Chromium	77	0.50	1	09/13/2022 13:56
Cobalt	13	0.50	1	09/13/2022 13:56
Copper	36	0.50	1	09/13/2022 13:56
Lead	9.2	0.50	1	09/13/2022 13:56
Mercury	0.096	0.050	1	09/13/2022 13:56
Molybdenum	1.4	0.50	1	09/13/2022 13:56
Nickel	100	0.50	1	09/13/2022 13:56
Selenium	ND	0.50	1	09/13/2022 13:56
Silver	ND	0.50	1	09/13/2022 13:56
Thallium	ND	0.50	1	09/13/2022 13:56
Vanadium	70	0.50	1	09/13/2022 13:56
Zinc	79	5.0	1	09/13/2022 13:56

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	104	70-130	09/13/2022 13:56

Analyst(s): MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	ICP-MS5 154SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/13/2022 14:00
Arsenic	6.1	0.50	1	09/13/2022 14:00
Barium	200	5.0	1	09/13/2022 14:00
Beryllium	0.66	0.50	1	09/13/2022 14:00
Cadmium	ND	0.50	1	09/13/2022 14:00
Chromium	73	0.50	1	09/13/2022 14:00
Cobalt	12	0.50	1	09/13/2022 14:00
Copper	32	0.50	1	09/13/2022 14:00
Lead	7.7	0.50	1	09/13/2022 14:00
Mercury	0.062	0.050	1	09/13/2022 14:00
Molybdenum	1.2	0.50	1	09/13/2022 14:00
Nickel	87	0.50	1	09/13/2022 14:00
Selenium	ND	0.50	1	09/13/2022 14:00
Silver	ND	0.50	1	09/13/2022 14:00
Thallium	ND	0.50	1	09/13/2022 14:00
Vanadium	66	0.50	1	09/13/2022 14:00
Zinc	67	5.0	1	09/13/2022 14:00

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	111	70-130	09/13/2022 14:00

Analyst(s): MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	ICP-MS4 108SMPL.d	253735

Analytes	Result	RL	DF	Date Analyzed
Antimony	0.63	0.50	1	09/13/2022 11:26
Arsenic	7.3	0.50	1	09/13/2022 11:26
Barium	250	5.0	1	09/13/2022 11:26
Beryllium	0.79	0.50	1	09/13/2022 11:26
Cadmium	ND	0.50	1	09/13/2022 11:26
Chromium	70	0.50	1	09/13/2022 11:26
Cobalt	13	0.50	1	09/13/2022 11:26
Copper	35	0.50	1	09/13/2022 11:26
Lead	9.8	0.50	1	09/13/2022 11:26
Mercury	0.073	0.050	1	09/13/2022 11:26
Molybdenum	1.6	0.50	1	09/13/2022 11:26
Nickel	88	0.50	1	09/13/2022 11:26
Selenium	ND	0.50	1	09/13/2022 11:26
Silver	ND	0.50	1	09/13/2022 11:26
Thallium	ND	0.50	1	09/13/2022 11:26
Vanadium	70	0.50	1	09/13/2022 11:26
Zinc	77	5.0	1	09/13/2022 11:26

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	108	70-130	09/13/2022 11:26

Analyst(s): WV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	ICP-MS5 155SMPL.d	253735

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/13/2022 14:03
Arsenic	7.0	0.50	1	09/13/2022 14:03
Barium	240	5.0	1	09/13/2022 14:03
Beryllium	0.69	0.50	1	09/13/2022 14:03
Cadmium	ND	0.50	1	09/13/2022 14:03
Chromium	69	0.50	1	09/13/2022 14:03
Cobalt	11	0.50	1	09/13/2022 14:03
Copper	32	0.50	1	09/13/2022 14:03
Lead	9.1	0.50	1	09/13/2022 14:03
Mercury	ND	0.050	1	09/13/2022 14:03
Molybdenum	1.4	0.50	1	09/13/2022 14:03
Nickel	81	0.50	1	09/13/2022 14:03
Selenium	ND	0.50	1	09/13/2022 14:03
Silver	ND	0.50	1	09/13/2022 14:03
Thallium	ND	0.50	1	09/13/2022 14:03
Vanadium	67	0.50	1	09/13/2022 14:03
Zinc	72	5.0	1	09/13/2022 14:03

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	107	70-130	09/13/2022 14:03

**Analyst(s):** MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5035  
**Analytical Method:** SW8021B/8015Bm  
**Unit:** mg/Kg

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC7 09132219.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/13/2022 21:13
MTBE	---	0.050	1	09/13/2022 21:13
Benzene	---	0.0050	1	09/13/2022 21:13
Toluene	---	0.0050	1	09/13/2022 21:13
Ethylbenzene	---	0.0050	1	09/13/2022 21:13
m,p-Xylene	---	0.010	1	09/13/2022 21:13
o-Xylene	---	0.0050	1	09/13/2022 21:13
Xylenes	---	0.0050	1	09/13/2022 21:13

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	75	62-126	09/13/2022 21:13

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC19 09142216.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	3.6	1.0	1	09/14/2022 19:33
MTBE	---	0.050	1	09/14/2022 19:33
Benzene	---	0.0050	1	09/14/2022 19:33
Toluene	---	0.0050	1	09/14/2022 19:33
Ethylbenzene	---	0.0050	1	09/14/2022 19:33
m,p-Xylene	---	0.010	1	09/14/2022 19:33
o-Xylene	---	0.0050	1	09/14/2022 19:33
Xylenes	---	0.0050	1	09/14/2022 19:33

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	68	62-126	09/14/2022 19:33

Analyst(s): IA

Analytical Comments: d7

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5035  
**Analytical Method:** SW8021B/8015Bm  
**Unit:** mg/Kg

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC19 09142219.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/14/2022 21:06
MTBE	---	0.050	1	09/14/2022 21:06
Benzene	---	0.0050	1	09/14/2022 21:06
Toluene	---	0.0050	1	09/14/2022 21:06
Ethylbenzene	---	0.0050	1	09/14/2022 21:06
m,p-Xylene	---	0.010	1	09/14/2022 21:06
o-Xylene	---	0.0050	1	09/14/2022 21:06
Xylenes	---	0.0050	1	09/14/2022 21:06

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	70	62-126	09/14/2022 21:06

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC19 09162205.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	2.8	1.0	1	09/16/2022 14:37
MTBE	---	0.050	1	09/16/2022 14:37
Benzene	---	0.0050	1	09/16/2022 14:37
Toluene	---	0.0050	1	09/16/2022 14:37
Ethylbenzene	---	0.0050	1	09/16/2022 14:37
m,p-Xylene	---	0.010	1	09/16/2022 14:37
o-Xylene	---	0.0050	1	09/16/2022 14:37
Xylenes	---	0.0050	1	09/16/2022 14:37

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	63	62-126	09/16/2022 14:37

Analyst(s): IA

Analytical Comments: d7

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5035  
**Analytical Method:** SW8021B/8015Bm  
**Unit:** mg/Kg

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC19 09142220.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/14/2022 21:37
MTBE	---	0.050	1	09/14/2022 21:37
Benzene	---	0.0050	1	09/14/2022 21:37
Toluene	---	0.0050	1	09/14/2022 21:37
Ethylbenzene	---	0.0050	1	09/14/2022 21:37
m,p-Xylene	---	0.010	1	09/14/2022 21:37
o-Xylene	---	0.0050	1	09/14/2022 21:37
Xylenes	---	0.0050	1	09/14/2022 21:37

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	71	62-126	09/14/2022 21:37

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC7 09162205.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	1.2	1.0	1	09/16/2022 14:18
MTBE	---	0.050	1	09/16/2022 14:18
Benzene	---	0.0050	1	09/16/2022 14:18
Toluene	---	0.0050	1	09/16/2022 14:18
Ethylbenzene	---	0.0050	1	09/16/2022 14:18
m,p-Xylene	---	0.010	1	09/16/2022 14:18
o-Xylene	---	0.0050	1	09/16/2022 14:18
Xylenes	---	0.0050	1	09/16/2022 14:18

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	74	62-126	09/16/2022 14:18

Analyst(s): IA

Analytical Comments: d7

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5035  
**Analytical Method:** SW8021B/8015Bm  
**Unit:** mg/Kg

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC19 09142223.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/14/2022 23:10
MTBE	---	0.050	1	09/14/2022 23:10
Benzene	---	0.0050	1	09/14/2022 23:10
Toluene	---	0.0050	1	09/14/2022 23:10
Ethylbenzene	---	0.0050	1	09/14/2022 23:10
m,p-Xylene	---	0.010	1	09/14/2022 23:10
o-Xylene	---	0.0050	1	09/14/2022 23:10
Xylenes	---	0.0050	1	09/14/2022 23:10

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	69	62-126	09/14/2022 23:10

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC19 09152211.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	73	10	10	09/15/2022 17:50
MTBE	---	0.50	10	09/15/2022 17:50
Benzene	---	0.050	10	09/15/2022 17:50
Toluene	---	0.050	10	09/15/2022 17:50
Ethylbenzene	---	0.050	10	09/15/2022 17:50
m,p-Xylene	---	0.10	10	09/15/2022 17:50
o-Xylene	---	0.050	10	09/15/2022 17:50
Xylenes	---	0.050	10	09/15/2022 17:50

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	85	62-126	09/15/2022 17:50

Analyst(s): IA

Analytical Comments: d7,d9





## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** ASTM D2216  
**Analytical Method:** SW8000  
**Unit:** wet wt%

### Percent Moisture

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	15.0	0.100	1	09/14/2022 11:20

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	16.0	0.100	1	09/14/2022 11:25

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	15.2	0.100	1	09/14/2022 11:35

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	17.3	0.100	1	09/14/2022 11:40

Analyst(s): JRA

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** ASTM D2216  
**Analytical Method:** SW8000  
**Unit:** wet wt%

### Percent Moisture

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	14.7	0.100	1	09/14/2022 11:45

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	13.4	0.100	1	09/14/2022 11:50

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	16.8	0.100	1	09/14/2022 11:55

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	16.0	0.100	1	09/14/2022 12:00

Analyst(s): JRA



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8015B  
**Unit:** mg/Kg

### Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC9a 09142264.D	253696
<u>Analytes</u>					
	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	2.4		2.0	1	09/15/2022 13:58
TPH-Motor Oil (C18-C36)	ND		10	1	09/15/2022 13:58
<u>Surrogates</u>					
	<u>REC (%)</u>		<u>Limits</u>		
C9	77		70-130		09/15/2022 13:58
<u>Analyst(s):</u> JIS			<u>Analytical Comments:</u> e2		

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC9a 09142258.D	253732
<u>Analytes</u>					
	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		2.0	1	09/15/2022 12:02
TPH-Motor Oil (C18-C36)	ND		10	1	09/15/2022 12:02
<u>Surrogates</u>					
	<u>REC (%)</u>		<u>Limits</u>		
C9	80		70-130		09/15/2022 12:02
<u>Analyst(s):</u> JIS					

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC9a 09142268.D	253732
<u>Analytes</u>					
	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		2.0	1	09/15/2022 15:15
TPH-Motor Oil (C18-C36)	ND		10	1	09/15/2022 15:15
<u>Surrogates</u>					
	<u>REC (%)</u>		<u>Limits</u>		
C9	72		70-130		09/15/2022 15:15
<u>Analyst(s):</u> JIS					

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8015B  
**Unit:** mg/Kg

### Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC31B 09142223.D	253732

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	22	2.0	1	09/14/2022 21:51
TPH-Motor Oil (C18-C36)	21	10	1	09/14/2022 21:51

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	<u>Date Analyzed</u>
C9	83	70-130	09/14/2022 21:51

Analyst(s): JIS

Analytical Comments: e2,e7

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC9a 09142266.D	253732

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND	2.0	1	09/15/2022 14:37
TPH-Motor Oil (C18-C36)	ND	10	1	09/15/2022 14:37

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	<u>Date Analyzed</u>
C9	77	70-130	09/15/2022 14:37

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC6A 09152222.D	253732

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND	2.0	1	09/15/2022 16:30
TPH-Motor Oil (C18-C36)	ND	10	1	09/15/2022 16:30

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	<u>Date Analyzed</u>
C9	89	70-130	09/15/2022 16:30

Analyst(s): JIS

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8015B  
**Unit:** mg/Kg

### Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC6A 09152220.D	253732

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/15/2022 15:51
TPH-Motor Oil (C18-C36)	ND	10	1	09/15/2022 15:51

Surrogates	REC (%)	Limits	Date Analyzed
C9	90	70-130	09/15/2022 15:51

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC6A 09152224.D	253732

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	17	2.0	1	09/15/2022 17:09
TPH-Motor Oil (C18-C36)	ND	10	1	09/15/2022 17:09

Surrogates	REC (%)	Limits	Date Analyzed
C9	91	70-130	09/15/2022 17:09

Analyst(s): JIS

Analytical Comments: e2



## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/13/2022	<b>BatchID:</b> 253824
<b>Date Analyzed:</b> 09/13/2022	<b>Extraction Method:</b> SW3060A
<b>Instrument:</b> IC2	<b>Analytical Method:</b> SW7199
<b>Matrix:</b> Soil	<b>Unit:</b> mg/Kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253824

### QC Summary Report for SW7199 (Hexavalent chromium)

Analyte	MB Result	MDL	RL			
Hexavalent chromium	ND	0.20	0.20	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Hexavalent chromium	4.2	3.8	4	105	95	70-130	10.1,F2	10



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/13/2022  
**Date Analyzed:** 09/13/2022 - 09/14/2022  
**Instrument:** GC40  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253809  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253809

### QC Summary Report for SW8081A/8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.000036	0.00010	-	-	-
a-BHC	ND	0.000025	0.00010	-	-	-
b-BHC	ND	0.00025	0.00030	-	-	-
d-BHC	ND	0.00013	0.00020	-	-	-
g-BHC	ND	0.000066	0.00010	-	-	-
Chlordane (Technical)	ND	0.00043	0.0025	-	-	-
a-Chlordane	ND	0.000095	0.00010	-	-	-
g-Chlordane	ND	0.000047	0.00010	-	-	-
p,p-DDD	ND	0.000043	0.00010	-	-	-
p,p-DDE	ND	0.000094	0.00010	-	-	-
p,p-DDT	ND	0.000092	0.00010	-	-	-
Dieldrin	ND	0.000061	0.00010	-	-	-
Endosulfan I	ND	0.000048	0.00010	-	-	-
Endosulfan II	ND	0.000076	0.00010	-	-	-
Endosulfan sulfate	ND	0.000078	0.00010	-	-	-
Endrin	ND	0.000035	0.00010	-	-	-
Endrin aldehyde	ND	0.000067	0.00010	-	-	-
Endrin ketone	ND	0.000084	0.00010	-	-	-
Heptachlor	ND	0.000040	0.00010	-	-	-
Heptachlor epoxide	ND	0.000054	0.00010	-	-	-
Hexachlorobenzene	ND	0.00011	0.0010	-	-	-
Hexachlorocyclopentadiene	ND	0.00034	0.0020	-	-	-
Methoxychlor	ND	0.00013	0.00020	-	-	-
Toxaphene	ND	0.0034	0.0050	-	-	-
Aroclor1016	ND	0.0020	0.0050	-	-	-
Aroclor1221	ND	0.0022	0.0050	-	-	-
Aroclor1232	ND	0.0022	0.0050	-	-	-
Aroclor1242	ND	0.0022	0.0050	-	-	-
Aroclor1248	ND	0.0022	0.0050	-	-	-
Aroclor1254	ND	0.0022	0.0050	-	-	-
Aroclor1260	ND	0.0022	0.0050	-	-	-
<b>Surrogate Recovery</b>						
Decachlorobiphenyl	0.0044			0.005	87	28-170

(Cont.)



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/13/2022  
**Date Analyzed:** 09/13/2022 - 09/14/2022  
**Instrument:** GC40  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253809  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253809

### QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.0029	0.0032	0.0050	57	64	31-155	10.8	20
a-BHC	0.0033	0.0036	0.0050	66	72	32-160	8.35	20
b-BHC	0.0030	0.0033	0.0050	59	67	44-149	12.0	20
d-BHC	0.0034	0.0038	0.0050	67	76	37-157	12.4	20
g-BHC	0.0032	0.0035	0.0050	64	70	43-154	9.10	20
a-Chlordane	0.0031	0.0035	0.0050	61	69	39-150	12.6	20
g-Chlordane	0.0031	0.0035	0.0050	62	70	39-151	12.4	20
p,p-DDD	0.0039	0.0044	0.0050	78	89	30-158	13.5	20
p,p-DDE	0.0033	0.0038	0.0050	66	75	47-149	13.7	20
p,p-DDT	0.0040	0.0045	0.0050	81	90	56-166	11.2	20
Dieldrin	0.0033	0.0038	0.0050	66	76	50-163	13.2	20
Endosulfan I	0.0033	0.0037	0.0050	65	74	45-159	11.9	20
Endosulfan II	0.0035	0.0039	0.0050	69	79	41-155	12.6	20
Endosulfan sulfate	0.0038	0.0044	0.0050	76	88	45-156	14.0	20
Endrin	0.0037	0.0041	0.0050	74	83	54-154	11.3	20
Endrin aldehyde	0.0034	0.0040	0.0050	68	81	27-159	16.4	20
Endrin ketone	0.0038	0.0044	0.0050	77	87	40-147	12.9	20
Heptachlor	0.0032	0.0035	0.0050	64	69	52-165	8.15	20
Heptachlor epoxide	0.0032	0.0036	0.0050	65	72	46-145	11.4	20
Hexachlorobenzene	0.0030	0.0032	0.0050	60	65	22-156	7.11	20
Hexachlorocyclopentadiene	0.0036	0.0040	0.0050	72	79	43-173	9.96	20
Methoxychlor	0.0038	0.0043	0.0050	77	86	49-150	11.8	20
Aroclor1016	0.011	0.011	0.015	74	73	49-120	0.985	20
Aroclor1260	0.010	0.011	0.015	69	74	48-160	7.06	20
<b>Surrogate Recovery</b>								
Decachlorobiphenyl	0.0042	0.0043	0.0050	84	86	28-170	1.52	20





## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC18  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253723  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.12	0.20	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0012	0.0050	-	-	-
Benzene	ND	0.00095	0.0050	-	-	-
Bromobenzene	ND	0.0012	0.0050	-	-	-
Bromochloromethane	ND	0.0011	0.0050	-	-	-
Bromodichloromethane	ND	0.00023	0.0050	-	-	-
Bromoform	ND	0.0038	0.0050	-	-	-
Bromomethane	ND	0.0018	0.0050	-	-	-
2-Butanone (MEK)	ND	0.040	0.10	-	-	-
t-Butyl alcohol (TBA)	ND	0.024	0.050	-	-	-
n-Butyl benzene	ND	0.0016	0.0050	-	-	-
sec-Butyl benzene	ND	0.0018	0.0050	-	-	-
tert-Butyl benzene	ND	0.0021	0.0050	-	-	-
Carbon Disulfide	ND	0.0011	0.0050	-	-	-
Carbon Tetrachloride	ND	0.00017	0.0050	-	-	-
Chlorobenzene	ND	0.0012	0.0050	-	-	-
Chloroethane	ND	0.0017	0.0050	-	-	-
Chloroform	ND	0.00032	0.0050	-	-	-
Chloromethane	ND	0.0017	0.0050	-	-	-
2-Chlorotoluene	ND	0.0016	0.0050	-	-	-
4-Chlorotoluene	ND	0.0013	0.0050	-	-	-
Dibromochloromethane	ND	0.00040	0.0050	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.00048	0.00050	-	-	-
1,2-Dibromoethane (EDB)	ND	0.00013	0.00025	-	-	-
Dibromomethane	ND	0.0012	0.0050	-	-	-
1,2-Dichlorobenzene	ND	0.0017	0.0050	-	-	-
1,3-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
1,4-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
Dichlorodifluoromethane	ND	0.00063	0.0050	-	-	-
1,1-Dichloroethane	ND	0.0015	0.0050	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.000070	0.00010	-	-	-
1,1-Dichloroethene	ND	0.00011	0.0050	-	-	-
cis-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
trans-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
1,2-Dichloropropane	ND	0.0013	0.0050	-	-	-
1,3-Dichloropropane	ND	0.00088	0.0050	-	-	-
2,2-Dichloropropane	ND	0.0019	0.0050	-	-	-
1,1-Dichloropropene	ND	0.0018	0.0050	-	-	-

(Cont.)



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC18  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253723  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.00098	0.0050	-	-	-
trans-1,3-Dichloropropene	ND	0.00097	0.0050	-	-	-
Diisopropyl ether (DIPE)	ND	0.0018	0.0050	-	-	-
Ethylbenzene	ND	0.0011	0.0050	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0014	0.0050	-	-	-
Freon 113	ND	0.0011	0.0050	-	-	-
Hexachlorobutadiene	ND	0.0012	0.0050	-	-	-
Hexachloroethane	ND	0.00064	0.0050	-	-	-
2-Hexanone	ND	0.0027	0.0050	-	-	-
Isopropylbenzene	ND	0.0018	0.0050	-	-	-
4-Isopropyl toluene	ND	0.0019	0.0050	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0015	0.0050	-	-	-
Methylene chloride	ND	0.012	0.020	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.0017	0.0050	-	-	-
Naphthalene	ND	0.0030	0.0050	-	-	-
n-Propyl benzene	ND	0.0019	0.0050	-	-	-
Styrene	ND	0.0014	0.0050	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0013	0.0050	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.00044	0.0050	-	-	-
Tetrachloroethene	ND	0.00029	0.0050	-	-	-
Toluene	ND	0.0016	0.0050	-	-	-
1,2,3-Trichlorobenzene	ND	0.0021	0.0050	-	-	-
1,2,4-Trichlorobenzene	ND	0.0016	0.0050	-	-	-
1,1,1-Trichloroethane	ND	0.0016	0.0050	-	-	-
1,1,2-Trichloroethane	ND	0.0012	0.0050	-	-	-
Trichloroethene	ND	0.0014	0.0050	-	-	-
Trichlorofluoromethane	ND	0.0013	0.0050	-	-	-
1,2,3-Trichloropropane	ND	0.00017	0.00025	-	-	-
1,2,4-Trimethylbenzene	ND	0.0016	0.0050	-	-	-
1,3,5-Trimethylbenzene	ND	0.0017	0.0050	-	-	-
Vinyl Chloride	ND	0.00012	0.00025	-	-	-
m,p-Xylene	ND	0.0026	0.0050	-	-	-
o-Xylene	ND	0.0014	0.0050	-	-	-

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## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/12/2022	<b>BatchID:</b> 253723
<b>Date Analyzed:</b> 09/13/2022	<b>Extraction Method:</b> SW5030B
<b>Instrument:</b> GC18	<b>Analytical Method:</b> SW8260B
<b>Matrix:</b> Soil	<b>Unit:</b> mg/kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
<b>Surrogate Recovery</b>						
Dibromofluoromethane	0.12			0.125	98	70-140
Toluene-d8	0.12			0.125	100	70-140
4-BFB	0.012			0.0125	94	70-140
Benzene-d6	0.10			0.1	103	70-140
Ethylbenzene-d10	0.11			0.1	105	70-140
1,2-DCB-d4	0.077			0.1	77	70-140

(Cont.)



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC18  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253723  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.28	0.29	0.40	69	72	60-140	4.55	30
tert-Amyl methyl ether (TAME)	0.017	0.018	0.020	85	88	50-140	3.39	30
Benzene	0.017	0.019	0.020	85	93	60-140	8.30	30
Bromobenzene	0.017	0.019	0.020	86	95	60-140	10.7	30
Bromochloromethane	0.018	0.020	0.020	89	99	60-140	10.9	30
Bromodichloromethane	0.016	0.017	0.020	82	87	60-140	5.74	30
Bromoform	0.015	0.016	0.020	74	79	40-140	5.94	30
Bromomethane	0.014	0.018	0.020	69	92	30-140	28.3	30
2-Butanone (MEK)	0.096	0.10	0.080	120	127	50-140	5.06	30
t-Butyl alcohol (TBA)	0.077	0.079	0.080	96	99	50-140	2.74	30
n-Butyl benzene	0.019	0.022	0.020	96	110	60-150	13.3	30
sec-Butyl benzene	0.019	0.022	0.020	94	109	60-150	14.4	30
tert-Butyl benzene	0.019	0.022	0.020	95	110	60-140	14.4	30
Carbon Disulfide	0.017	0.019	0.020	86	96	50-140	11.3	30
Carbon Tetrachloride	0.016	0.017	0.020	81	87	60-140	7.41	30
Chlorobenzene	0.017	0.018	0.020	85	92	60-140	7.90	30
Chloroethane	0.018	0.019	0.020	88	97	50-140	9.62	30
Chloroform	0.019	0.020	0.020	94	102	60-140	7.72	30
Chloromethane	0.017	0.019	0.020	86	94	20-140	9.65	30
2-Chlorotoluene	0.019	0.021	0.020	93	103	60-140	10.0	30
4-Chlorotoluene	0.018	0.020	0.020	89	100	60-140	12.0	30
Dibromochloromethane	0.017	0.018	0.020	87	91	50-140	4.54	30
1,2-Dibromo-3-chloropropane	0.0083	0.0083	0.0080	103	104	30-140	0.302	30
1,2-Dibromoethane (EDB)	0.0093	0.0097	0.020	46	49	40-140	5.23	30
Dibromomethane	0.019	0.020	0.020	93	100	60-140	7.12	30
1,2-Dichlorobenzene	0.015	0.016	0.020	75	81	60-140	8.04	30
1,3-Dichlorobenzene	0.017	0.019	0.020	86	97	60-140	12.3	30
1,4-Dichlorobenzene	0.017	0.019	0.020	87	94	60-140	7.08	30
Dichlorodifluoromethane	0.0099	0.011	0.020	50	55	10-140	10.9	30
1,1-Dichloroethane	0.017	0.019	0.020	87	94	60-140	7.86	30
1,2-Dichloroethane (1,2-DCA)	0.018	0.019	0.020	91	97	60-140	5.89	30
1,1-Dichloroethene	0.019	0.021	0.020	94	105	60-140	10.6	30
cis-1,2-Dichloroethene	0.018	0.020	0.020	92	99	60-140	7.50	30
trans-1,2-Dichloroethene	0.018	0.019	0.020	90	97	60-140	7.07	30
1,2-Dichloropropane	0.017	0.019	0.020	86	93	60-140	7.05	30
1,3-Dichloropropane	0.019	0.021	0.020	97	103	60-140	6.73	30
2,2-Dichloropropane	0.014	0.014	0.020	68	69	60-140	2.26	30
1,1-Dichloropropene	0.016	0.018	0.020	82	91	60-140	10.1	30

(Cont.)



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC18  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253723  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.018	0.019	0.020	90	95	60-140	5.59	30
trans-1,3-Dichloropropene	0.018	0.019	0.020	90	93	60-140	3.71	30
Diisopropyl ether (DIPE)	0.017	0.018	0.020	84	88	60-140	4.95	30
Ethylbenzene	0.018	0.019	0.020	88	97	60-140	10.1	30
Ethyl tert-butyl ether (ETBE)	0.017	0.018	0.020	86	90	60-140	5.18	30
Freon 113	0.016	0.017	0.020	79	87	50-140	9.45	30
Hexachlorobutadiene	0.017	0.019	0.020	84	93	60-140	9.82	30
Hexachloroethane	0.018	0.020	0.020	90	102	60-140	12.4	30
2-Hexanone	0.018	0.018	0.020	89	91	40-140	2.58	30
Isopropylbenzene	0.020	0.023	0.020	100	115	60-140	14.3	30
4-Isopropyl toluene	0.021	0.024	0.020	104	119	60-150	13.8	30
Methyl-t-butyl ether (MTBE)	0.019	0.020	0.020	95	98	50-140	2.63	30
Methylene chloride	0.021	0.023	0.020	106	115	60-140	8.61	30
4-Methyl-2-pentanone (MIBK)	0.016	0.016	0.020	81	78	50-140	3.48	30
Naphthalene	0.017	0.013	0.020	84	65	30-140	25.7	30
n-Propyl benzene	0.020	0.023	0.020	101	117	60-140	14.8	30
Styrene	0.016	0.017	0.020	80	84	60-140	5.24	30
1,1,1,2-Tetrachloroethane	0.017	0.018	0.020	84	89	60-140	6.46	30
1,1,2,2-Tetrachloroethane	0.017	0.019	0.020	87	93	40-140	7.23	30
Tetrachloroethene	0.017	0.019	0.020	87	97	60-140	10.4	30
Toluene	0.017	0.019	0.020	84	93	60-140	10.1	30
1,2,3-Trichlorobenzene	0.014	0.012	0.020	71	61	40-140	14.4	30
1,2,4-Trichlorobenzene	0.014	0.014	0.020	71	71	50-140	0.0750	30
1,1,1-Trichloroethane	0.017	0.018	0.020	83	91	60-140	9.98	30
1,1,2-Trichloroethane	0.018	0.019	0.020	91	96	60-140	5.73	30
Trichloroethene	0.019	0.021	0.020	95	103	60-140	8.30	30
Trichlorofluoromethane	0.016	0.017	0.020	79	87	50-140	9.28	30
1,2,3-Trichloropropane	0.011	0.012	0.020	53,F2	58,F2	60-130	8.76	30
1,2,4-Trimethylbenzene	0.019	0.021	0.020	93	105	30-140	12.1	30
1,3,5-Trimethylbenzene	0.019	0.022	0.020	95	109	60-140	13.4	30
Vinyl Chloride	0.0085	0.0095	0.020	43	48	30-140	11.1	30
m,p-Xylene	0.034	0.037	0.040	85	93	60-140	9.13	30
o-Xylene	0.017	0.019	0.020	85	95	60-140	10.8	30

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## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC18  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253723  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
<b>Surrogate Recovery</b>								
Dibromofluoromethane	0.13	0.12	0.12	100	100	70-140	0.641	30
Toluene-d8	0.12	0.13	0.12	100	101	70-140	1.29	30
4-BFB	0.011	0.012	0.012	91	93	70-140	1.63	30
Benzene-d6	0.11	0.12	0.10	113	123	70-140	8.68	30
Ethylbenzene-d10	0.12	0.13	0.10	116	128	70-140	9.77	30
1,2-DCB-d4	0.088	0.098	0.10	88	98	70-140	10.8	30



## Quality Control Report

<b>Client:</b>	Ramboll	<b>WorkOrder:</b>	2209583
<b>Date Prepared:</b>	09/13/2022	<b>BatchID:</b>	253764
<b>Date Analyzed:</b>	09/13/2022	<b>Extraction Method:</b>	SW3550B/3640A
<b>Instrument:</b>	GC48	<b>Analytical Method:</b>	SW8270C
<b>Matrix:</b>	Soil	<b>Unit:</b>	mg/Kg
<b>Project:</b>	1690025294-004; Elco Yards	<b>Sample ID:</b>	MB/LCS/LCSD-253764

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,3,4,6-Tetrachlorophenol	ND	0.15	0.25	-	-	-
Benzoic Acid	ND	0.62	1.2	-	-	-
Acenaphthene	ND	0.00044	0.0013	-	-	-
Acenaphthylene	ND	0.00023	0.0013	-	-	-
Acetochlor	ND	0.11	0.25	-	-	-
Anthracene	ND	0.00060	0.0013	-	-	-
Benzidine	ND	0.40	1.2	-	-	-
Benzo (a) anthracene	ND	0.0030	0.013	-	-	-
Benzo (a) pyrene	ND	0.00078	0.0025	-	-	-
Benzo (b) fluoranthene	ND	0.0029	0.0063	-	-	-
Benzo (g,h,i) perylene	ND	0.00086	0.0025	-	-	-
Benzo (k) fluoranthene	ND	0.0012	0.0013	-	-	-
Benzyl Alcohol	ND	0.73	1.2	-	-	-
1,1-Biphenyl	ND	0.0054	0.013	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.13	0.25	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00033	0.0013	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0012	0.0025	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.18	0.25	-	-	-
Bis (2-ethylhexyl) Phthalate	0.0081,J	0.0079	0.025	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Butylbenzyl Phthalate	ND	0.0057	0.025	-	-	-
4-Chloroaniline	ND	0.00099	0.0025	-	-	-
4-Chloro-3-methylphenol	ND	0.13	0.25	-	-	-
2-Chloronaphthalene	ND	0.12	0.25	-	-	-
2-Chlorophenol	ND	0.0061	0.013	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Chrysene	ND	0.00073	0.0025	-	-	-
Dibenzo (a,h) anthracene	ND	0.0013	0.0025	-	-	-
Dibenzofuran	ND	0.00032	0.0013	-	-	-
Di-n-butyl Phthalate	ND	0.0070	0.013	-	-	-
1,2-Dichlorobenzene	ND	0.14	0.25	-	-	-
1,3-Dichlorobenzene	ND	0.13	0.25	-	-	-
1,4-Dichlorobenzene	ND	0.12	0.25	-	-	-
3,3-Dichlorobenzidine	ND	0.0022	0.0025	-	-	-
2,4-Dichlorophenol	ND	0.0012	0.0025	-	-	-
Diethyl Phthalate	ND	0.0053	0.013	-	-	-
2,4-Dimethylphenol	ND	0.11	0.25	-	-	-
Dimethyl Phthalate	ND	0.0010	0.0025	-	-	-

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## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/13/2022	<b>BatchID:</b> 253764
<b>Date Analyzed:</b> 09/13/2022	<b>Extraction Method:</b> SW3550B/3640A
<b>Instrument:</b> GC48	<b>Analytical Method:</b> SW8270C
<b>Matrix:</b> Soil	<b>Unit:</b> mg/Kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253764

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
4,6-Dinitro-2-methylphenol	ND	0.55	1.2	-	-	-
2,4-Dinitrophenol	ND	0.11	0.25	-	-	-
2,4-Dinitrotoluene	ND	0.00041	0.013	-	-	-
2,6-Dinitrotoluene	ND	0.062	0.12	-	-	-
Di-n-octyl Phthalate	ND	0.31	0.50	-	-	-
1,2-Diphenylhydrazine	ND	0.11	0.25	-	-	-
Fluoranthene	ND	0.00073	0.0013	-	-	-
Fluorene	ND	0.00078	0.0025	-	-	-
Hexachlorobenzene	ND	0.00038	0.0013	-	-	-
Hexachlorobutadiene	ND	0.00028	0.0025	-	-	-
Hexachlorocyclopentadiene	ND	0.66	2.0	-	-	-
Hexachloroethane	ND	0.00065	0.013	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0014	0.013	-	-	-
Isophorone	ND	0.055	0.25	-	-	-
1-Methylnaphthalene	ND	0.00035	0.0013	-	-	-
2-Methylnaphthalene	ND	0.00044	0.0025	-	-	-
2-Methylphenol (o-Cresol)	ND	0.15	0.25	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.14	0.25	-	-	-
Naphthalene	ND	0.0031	0.0062	-	-	-
2-Nitroaniline	ND	0.59	1.2	-	-	-
3-Nitroaniline	ND	0.73	1.2	-	-	-
4-Nitroaniline	ND	0.64	1.2	-	-	-
Nitrobenzene	ND	0.14	0.25	-	-	-
2-Nitrophenol	ND	0.63	1.2	-	-	-
4-Nitrophenol	ND	0.70	1.2	-	-	-
N-Nitrosodimethylamine	ND	0.61	1.2	-	-	-
N-Nitrosodiphenylamine	ND	0.11	0.25	-	-	-
N-Nitrosodi-n-propylamine	ND	0.14	0.25	-	-	-
Pentachlorophenol	ND	0.032	0.062	-	-	-
Phenanthrene	ND	0.0010	0.0050	-	-	-
Phenol	ND	0.0032	0.050	-	-	-
Pyrene	ND	0.00065	0.0025	-	-	-
Pyridine	ND	0.094	0.25	-	-	-
1,2,4-Trichlorobenzene	ND	0.13	0.25	-	-	-
2,4,5-Trichlorophenol	ND	0.00067	0.0025	-	-	-
2,4,6-Trichlorophenol	ND	0.00062	0.013	-	-	-

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## Quality Control Report

<b>Client:</b>	Ramboll	<b>WorkOrder:</b>	2209583
<b>Date Prepared:</b>	09/13/2022	<b>BatchID:</b>	253764
<b>Date Analyzed:</b>	09/13/2022	<b>Extraction Method:</b>	SW3550B/3640A
<b>Instrument:</b>	GC48	<b>Analytical Method:</b>	SW8270C
<b>Matrix:</b>	Soil	<b>Unit:</b>	mg/Kg
<b>Project:</b>	1690025294-004; Elco Yards	<b>Sample ID:</b>	MB/LCS/LCSD-253764

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
<b>Surrogate Recovery</b>						
2-Fluorobiphenyl	1.1			1.25	86	60-130
4-Terphenyl-d14	1.0			1.25	80	50-130



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/13/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC48  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253764  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253764

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.053	0.059	0.062	85	95	60-130	10.8	30
Acenaphthylene	0.047	0.054	0.062	75	86	60-130	12.9	30
Acetochlor	1.1	1.2	1.25	90	93	60-130	3.03	30
Anthracene	0.056	0.061	0.062	90	97	60-130	7.20	30
Benzidine	1.1	0.90	6.25	18,F5	14,F5	30-130	21.0	30
Benzo (a) anthracene	0.058	0.064	0.062	93	103	60-130	10.1	30
Benzo (a) pyrene	0.060	0.065	0.062	96	103	60-130	7.32	30
Benzo (b) fluoranthene	0.053	0.056	0.062	85	90	40-130	5.65	30
Benzo (g,h,i) perylene	0.062	0.065	0.062	99	104	60-130	4.32	30
Benzo (k) fluoranthene	0.063	0.066	0.062	101	105	60-130	4.74	30
Benzyl Alcohol	4.1	4.3	6.25	66	69	60-130	4.80	30
1,1-Biphenyl	0.054	0.059	0.062	86	94	60-130	9.18	30
Bis (2-chloroethoxy) Methane	1.1	1.2	1.25	91	100	60-130	8.78	30
Bis (2-chloroethyl) Ether	0.064	0.068	0.062	102	108	60-130	5.67	30
Bis (2-chloroisopropyl) Ether	0.069	0.071	0.062	111	114	60-130	2.60	30
Bis (2-ethylhexyl) Adipate	1.2	1.3	1.25	98	104	40-130	5.67	30
Bis (2-ethylhexyl) Phthalate	0.068	0.072	0.062	109	115	60-130	5.28	30
4-Bromophenyl Phenyl Ether	1.1	1.2	1.25	90	96	60-130	6.52	30
Butylbenzyl Phthalate	0.068	0.069	0.062	108	111	60-130	2.82	30
4-Chloroaniline	0.036	0.036	0.062	58	58	40-130	1.25	30
4-Chloro-3-methylphenol	1.1	1.2	1.25	89	97	60-130	9.10	30
2-Chloronaphthalene	1.1	1.2	1.25	86	94	60-130	8.49	30
2-Chlorophenol	0.057	0.060	0.062	91	96	60-130	5.65	30
4-Chlorophenyl Phenyl Ether	1.2	1.3	1.25	99	106	60-130	6.97	30
Chrysene	0.061	0.064	0.062	97	102	60-130	5.14	30
Dibenzo (a,h) anthracene	0.059	0.061	0.062	95	98	60-130	2.83	30
Dibenzofuran	0.053	0.058	0.062	85	93	60-130	9.92	30
Di-n-butyl Phthalate	0.062	0.065	0.062	99	104	60-130	5.29	30
1,2-Dichlorobenzene	1.1	1.2	1.25	91	92	60-130	0.758	30
1,3-Dichlorobenzene	1.1	1.1	1.25	87	91	60-130	4.96	30
1,4-Dichlorobenzene	1.1	0.98	1.25	87	78	60-130	9.80	30
3,3-Dichlorobenzidine	0.041	0.045	0.062	65	72	40-130	10.0	30
2,4-Dichlorophenol	0.058	0.064	0.062	93	102	60-130	9.01	30
Diethyl Phthalate	0.060	0.068	0.062	96	108	60-130	12.2	30
2,4-Dimethylphenol	1.0	1.1	1.25	82	90	60-130	9.65	30
Dimethyl Phthalate	0.056	0.064	0.062	89	103	60-130	14.4	30
4,6-Dinitro-2-methylphenol	5.4	5.7	6.25	87	92	30-130	5.78	30
2,4-Dinitrophenol	0.86	1.0	1.25	69	80	15-130	15.0	30

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## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/13/2022	<b>BatchID:</b> 253764
<b>Date Analyzed:</b> 09/13/2022	<b>Extraction Method:</b> SW3550B/3640A
<b>Instrument:</b> GC48	<b>Analytical Method:</b> SW8270C
<b>Matrix:</b> Soil	<b>Unit:</b> mg/Kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253764

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.048	0.057	0.062	78	92	60-130	16.6	30
2,6-Dinitrotoluene	0.048	0.055	0.062	77	88	60-130	14.3	30
Di-n-octyl Phthalate	1.2	1.2	1.25	96	98	60-130	2.63	30
1,2-Diphenylhydrazine	1.3	1.3	1.25	104	108	60-130	3.98	30
Fluoranthene	0.056	0.060	0.062	89	95	60-130	7.08	30
Fluorene	0.068	0.078	0.062	109	125	60-130	13.6	30
Hexachlorobenzene	0.059	0.062	0.062	94	99	60-130	4.59	30
Hexachlorobutadiene	0.068	0.069	0.062	109	110	60-130	1.56	30
Hexachlorocyclopentadiene	5.2	5.4	6.25	83	86	40-130	4.17	30
Hexachloroethane	0.058	0.059	0.062	93	94	60-130	1.02	30
Indeno (1,2,3-cd) pyrene	0.061	0.065	0.062	98	104	60-130	5.68	30
Isophorone	1.0	1.2	1.25	83	93	60-130	11.3	30
1-Methylnaphthalene	0.069	0.074	0.062	110	119	60-130	8.01	30
2-Methylnaphthalene	0.064	0.069	0.062	102	110	60-130	8.01	30
2-Methylphenol (o-Cresol)	1.1	1.1	1.25	84	90	60-130	6.69	30
3 & 4-Methylphenol (m,p-Cresol)	1.1	1.2	1.25	88	99	60-130	12.3	30
Naphthalene	0.058	0.063	0.062	94	100	60-130	6.94	30
2-Nitroaniline	6.6	7.5	6.25	105	120	60-130	13.2	30
3-Nitroaniline	3.9	3.9	6.25	63	62	30-130	1.20	30
4-Nitroaniline	4.8	5.3	6.25	76	86	60-130	11.2	30
Nitrobenzene	1.2	1.3	1.25	98	106	60-130	8.36	30
2-Nitrophenol	6.6	7.1	6.25	106	113	60-130	6.97	30
4-Nitrophenol	5.0	6.0	6.25	80	96	60-130	18.1	30
N-Nitrosodiphenylamine	1.1	1.2	1.25	90	97	60-130	7.18	30
N-Nitrosodi-n-propylamine	1.2	1.3	1.25	99	106	60-130	6.50	30
Pentachlorophenol	0.18	0.20	0.31	57	65	40-130	12.6	30
Phenanthrene	0.055	0.059	0.062	88	94	60-130	6.25	30
Phenol	0.22	0.23	0.25	86	94	60-130	8.65	30
Pyrene	0.062	0.068	0.062	99	108	60-130	8.91	30
Pyridine	0.65	0.64	1.25	52	51	30-130	2.10	30
1,2,4-Trichlorobenzene	1.2	1.2	1.25	92	99	60-130	6.70	30
2,4,5-Trichlorophenol	0.049	0.049	0.062	78	79	60-130	0.236	30
2,4,6-Trichlorophenol	0.047	0.053	0.062	76	85	60-130	11.9	30

**Surrogate Recovery**

2-Fluorobiphenyl	1.2	1.3	1.25	96	100	60-130	4.45	30
4-Terphenyl-d14	1.2	1.3	1.25	100	102	50-130	2.69	30

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## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/14/2022  
**Date Analyzed:** 09/14/2022  
**Instrument:** GC48  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253909  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,3,4,6-Tetrachlorophenol	ND	0.15	0.25	-	-	-
Benzoic Acid	ND	0.62	1.2	-	-	-
Acenaphthene	ND	0.00044	0.0013	-	-	-
Acenaphthylene	ND	0.00023	0.0013	-	-	-
Acetochlor	ND	0.11	0.25	-	-	-
Anthracene	ND	0.00060	0.0013	-	-	-
Benzidine	ND	0.40	1.2	-	-	-
Benzo (a) anthracene	ND	0.0030	0.013	-	-	-
Benzo (a) pyrene	ND	0.00078	0.0025	-	-	-
Benzo (b) fluoranthene	ND	0.0029	0.0063	-	-	-
Benzo (g,h,i) perylene	ND	0.00086	0.0025	-	-	-
Benzo (k) fluoranthene	ND	0.0012	0.0013	-	-	-
Benzyl Alcohol	ND	0.73	1.2	-	-	-
1,1-Biphenyl	ND	0.0054	0.013	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.13	0.25	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00033	0.0013	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0012	0.0025	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.18	0.25	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0079	0.025	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Butylbenzyl Phthalate	ND	0.0057	0.025	-	-	-
4-Chloroaniline	ND	0.00099	0.0025	-	-	-
4-Chloro-3-methylphenol	ND	0.13	0.25	-	-	-
2-Chloronaphthalene	ND	0.12	0.25	-	-	-
2-Chlorophenol	ND	0.0061	0.013	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Chrysene	ND	0.00073	0.0025	-	-	-
Dibenzo (a,h) anthracene	ND	0.0013	0.0025	-	-	-
Dibenzofuran	ND	0.00032	0.0013	-	-	-
Di-n-butyl Phthalate	ND	0.0070	0.013	-	-	-
1,2-Dichlorobenzene	ND	0.14	0.25	-	-	-
1,3-Dichlorobenzene	ND	0.13	0.25	-	-	-
1,4-Dichlorobenzene	ND	0.12	0.25	-	-	-
3,3-Dichlorobenzidine	ND	0.0022	0.0025	-	-	-
2,4-Dichlorophenol	ND	0.0012	0.0025	-	-	-
Diethyl Phthalate	ND	0.0053	0.013	-	-	-
2,4-Dimethylphenol	ND	0.11	0.25	-	-	-
Dimethyl Phthalate	ND	0.0010	0.0025	-	-	-

(Cont.)



## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/14/2022	<b>BatchID:</b> 253909
<b>Date Analyzed:</b> 09/14/2022	<b>Extraction Method:</b> SW3550B/3640A
<b>Instrument:</b> GC48	<b>Analytical Method:</b> SW8270C
<b>Matrix:</b> Soil	<b>Unit:</b> mg/Kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
4,6-Dinitro-2-methylphenol	ND	0.55	1.2	-	-	-
2,4-Dinitrophenol	ND	0.11	0.25	-	-	-
2,4-Dinitrotoluene	ND	0.00041	0.013	-	-	-
2,6-Dinitrotoluene	ND	0.062	0.12	-	-	-
Di-n-octyl Phthalate	ND	0.31	0.50	-	-	-
1,2-Diphenylhydrazine	ND	0.11	0.25	-	-	-
Fluoranthene	ND	0.00073	0.0013	-	-	-
Fluorene	ND	0.00078	0.0025	-	-	-
Hexachlorobenzene	ND	0.00038	0.0013	-	-	-
Hexachlorobutadiene	ND	0.00028	0.0025	-	-	-
Hexachlorocyclopentadiene	ND	0.66	2.0	-	-	-
Hexachloroethane	ND	0.00065	0.013	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0014	0.013	-	-	-
Isophorone	ND	0.055	0.25	-	-	-
1-Methylnaphthalene	ND	0.00035	0.0013	-	-	-
2-Methylnaphthalene	ND	0.00044	0.0025	-	-	-
2-Methylphenol (o-Cresol)	ND	0.15	0.25	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.14	0.25	-	-	-
Naphthalene	ND	0.0031	0.0062	-	-	-
2-Nitroaniline	ND	0.59	1.2	-	-	-
3-Nitroaniline	ND	0.73	1.2	-	-	-
4-Nitroaniline	ND	0.64	1.2	-	-	-
Nitrobenzene	ND	0.14	0.25	-	-	-
2-Nitrophenol	ND	0.63	1.2	-	-	-
4-Nitrophenol	ND	0.70	1.2	-	-	-
N-Nitrosodimethylamine	ND	0.61	1.2	-	-	-
N-Nitrosodiphenylamine	ND	0.11	0.25	-	-	-
N-Nitrosodi-n-propylamine	ND	0.14	0.25	-	-	-
Pentachlorophenol	ND	0.032	0.062	-	-	-
Phenanthrene	ND	0.0010	0.0050	-	-	-
Phenol	ND	0.0032	0.050	-	-	-
Pyrene	ND	0.00065	0.0025	-	-	-
Pyridine	ND	0.094	0.25	-	-	-
1,2,4-Trichlorobenzene	ND	0.13	0.25	-	-	-
2,4,5-Trichlorophenol	ND	0.00067	0.0025	-	-	-
2,4,6-Trichlorophenol	ND	0.00062	0.013	-	-	-

(Cont.)



## Quality Control Report

<b>Client:</b>	Ramboll	<b>WorkOrder:</b>	2209583
<b>Date Prepared:</b>	09/14/2022	<b>BatchID:</b>	253909
<b>Date Analyzed:</b>	09/14/2022	<b>Extraction Method:</b>	SW3550B/3640A
<b>Instrument:</b>	GC48	<b>Analytical Method:</b>	SW8270C
<b>Matrix:</b>	Soil	<b>Unit:</b>	mg/Kg
<b>Project:</b>	1690025294-004; Elco Yards	<b>Sample ID:</b>	MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
<b>Surrogate Recovery</b>						
2-Fluorophenol	1.1			1.25	84	60-130
Phenol-d5	0.96			1.25	77	60-130
Nitrobenzene-d5	0.94			1.25	75	60-130
2-Fluorobiphenyl	1.0			1.25	83	60-130
2,4,6-Tribromophenol	0.56			1.25	45,F3	50-130
4-Terphenyl-d14	1.0			1.25	81	50-130



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/14/2022  
**Date Analyzed:** 09/14/2022  
**Instrument:** GC48  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253909  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.057	0.055	0.062	91	89	60-130	2.51	30
Acenaphthylene	0.052	0.051	0.062	83	82	60-130	1.38	30
Acetochlor	1.1	1.0	1.25	85	82	60-130	3.86	30
Anthracene	0.058	0.060	0.062	93	95	60-130	2.09	30
Benzidine	0.89	0.75	6.25	14,F5	12,F5	30-130	17.4	30
Benzo (a) anthracene	0.060	0.062	0.062	96	99	60-130	2.70	30
Benzo (a) pyrene	0.063	0.065	0.062	101	104	60-130	2.73	30
Benzo (b) fluoranthene	0.058	0.055	0.062	93	88	40-130	5.69	30
Benzo (g,h,i) perylene	0.060	0.061	0.062	96	98	60-130	2.11	30
Benzo (k) fluoranthene	0.062	0.066	0.062	99	106	60-130	6.24	30
Benzyl Alcohol	4.4	4.7	6.25	70	75	60-130	6.94	30
1,1-Biphenyl	0.057	0.057	0.062	92	92	60-130	0.300	30
Bis (2-chloroethoxy) Methane	1.1	1.1	1.25	88	91	60-130	3.49	30
Bis (2-chloroethyl) Ether	0.057	0.058	0.062	91	92	60-130	1.10	30
Bis (2-chloroisopropyl) Ether	0.064	0.064	0.062	103	103	60-130	0.384	30
Bis (2-ethylhexyl) Adipate	1.2	1.2	1.25	95	94	40-130	0.790	30
Bis (2-ethylhexyl) Phthalate	0.065	0.066	0.062	104	105	60-130	0.786	30
4-Bromophenyl Phenyl Ether	1.1	1.1	1.25	92	91	60-130	0.552	30
Butylbenzyl Phthalate	0.064	0.064	0.062	102	103	60-130	0.317	30
4-Chloroaniline	0.037	0.030	0.062	59	47	40-130	21.3	30
4-Chloro-3-methylphenol	1.1	1.2	1.25	91	93	60-130	1.89	30
2-Chloronaphthalene	1.1	1.1	1.25	89	91	60-130	2.52	30
2-Chlorophenol	0.058	0.060	0.062	93	95	60-130	2.32	30
4-Chlorophenyl Phenyl Ether	1.4	1.4	1.25	113	110	60-130	2.60	30
Chrysene	0.061	0.060	0.062	97	97	60-130	0.590	30
Dibenzo (a,h) anthracene	0.058	0.058	0.062	92	92	60-130	0.0715	30
Dibenzofuran	0.058	0.056	0.062	93	90	60-130	2.73	30
Di-n-butyl Phthalate	0.063	0.064	0.062	101	102	60-130	1.41	30
1,2-Dichlorobenzene	1.1	1.1	1.25	88	89	60-130	1.29	30
1,3-Dichlorobenzene	1.1	1.1	1.25	88	89	60-130	0.194	30
1,4-Dichlorobenzene	1.1	0.97	1.25	86	78	60-130	10.2	30
3,3-Dichlorobenzidine	0.038	0.034	0.062	60	55	40-130	10.0	30
2,4-Dichlorophenol	0.061	0.063	0.062	98	102	60-130	3.45	30
Diethyl Phthalate	0.065	0.063	0.062	105	101	60-130	3.49	30
2,4-Dimethylphenol	1.1	1.1	1.25	88	91	60-130	3.37	30
Dimethyl Phthalate	0.062	0.064	0.062	100	102	60-130	1.93	30
4,6-Dinitro-2-methylphenol	5.4	5.4	6.25	87	86	30-130	0.476	30
2,4-Dinitrophenol	0.86	0.93	1.25	69	75	15-130	8.40	30

(Cont.)



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/14/2022  
**Date Analyzed:** 09/14/2022  
**Instrument:** GC48  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253909  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.056	0.057	0.062	90	91	60-130	0.693	30
2,6-Dinitrotoluene	0.052	0.052	0.062	83	83	60-130	0.440	30
Di-n-octyl Phthalate	1.2	1.2	1.25	93	93	60-130	0.221	30
1,2-Diphenylhydrazine	1.2	1.2	1.25	93	92	60-130	0.203	30
Fluoranthene	0.060	0.060	0.062	96	96	60-130	0.307	30
Fluorene	0.074	0.074	0.062	118	119	60-130	0.495	30
Hexachlorobenzene	0.060	0.060	0.062	96	97	60-130	0.983	30
Hexachlorobutadiene	0.063	0.063	0.062	100	101	60-130	0.640	30
Hexachlorocyclopentadiene	5.2	5.2	6.25	83	82	40-130	0.987	30
Hexachloroethane	0.052	0.052	0.062	83	84	60-130	0.579	30
Indeno (1,2,3-cd) pyrene	0.061	0.061	0.062	98	98	60-130	0.419	30
Isophorone	0.95	0.97	1.25	76	78	60-130	2.46	30
1-Methylnaphthalene	0.066	0.068	0.062	106	108	60-130	1.82	30
2-Methylnaphthalene	0.10	0.099	0.062	159,F5	159,F5	60-130	0.331	30
2-Methylphenol (o-Cresol)	1.1	1.1	1.25	85	88	60-130	2.76	30
3 & 4-Methylphenol (m,p-Cresol)	1.2	1.2	1.25	94	94	60-130	0.00637	30
Naphthalene	0.057	0.059	0.062	92	94	60-130	2.62	30
2-Nitroaniline	7.2	6.9	6.25	115	110	60-130	3.72	30
3-Nitroaniline	4.1	3.4	6.25	66	54	30-130	18.9	30
4-Nitroaniline	5.5	5.5	6.25	89	88	60-130	1.13	30
Nitrobenzene	1.2	1.2	1.25	93	96	60-130	4.04	30
2-Nitrophenol	6.5	6.6	6.25	104	106	60-130	1.50	30
4-Nitrophenol	5.6	5.3	6.25	90	84	60-130	6.39	30
N-Nitrosodiphenylamine	1.2	1.1	1.25	92	91	60-130	0.889	30
N-Nitrosodi-n-propylamine	1.1	1.1	1.25	84	86	60-130	1.66	30
Pentachlorophenol	0.24	0.24	0.31	76	77	40-130	0.618	30
Phenanthrene	0.056	0.057	0.062	90	91	60-130	0.793	30
Phenol	0.23	0.24	0.25	94	96	60-130	1.74	30
Pyrene	0.065	0.067	0.062	104	107	60-130	2.20	30
Pyridine	0.65	0.72	1.25	52	57	30-130	9.98	30
1,2,4-Trichlorobenzene	1.2	1.2	1.25	94	96	60-130	2.61	30
2,4,5-Trichlorophenol	0.049	0.051	0.062	79	81	60-130	2.84	30
2,4,6-Trichlorophenol	0.054	0.054	0.062	86	87	60-130	0.539	30

(Cont.)





## Quality Control Report

<b>Client:</b>	Ramboll	<b>WorkOrder:</b>	2209583
<b>Date Prepared:</b>	09/14/2022	<b>BatchID:</b>	253909
<b>Date Analyzed:</b>	09/14/2022	<b>Extraction Method:</b>	SW3550B/3640A
<b>Instrument:</b>	GC48	<b>Analytical Method:</b>	SW8270C
<b>Matrix:</b>	Soil	<b>Unit:</b>	mg/Kg
<b>Project:</b>	1690025294-004; Elco Yards	<b>Sample ID:</b>	MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
<b>Surrogate Recovery</b>								
2-Fluorophenol	1.2	1.2	1.25	94	93	60-130	0.974	30
Phenol-d5	1.1	1.1	1.25	89	89	60-130	0.0429	30
Nitrobenzene-d5	1.1	1.2	1.25	90	94	60-130	3.84	30
2-Fluorobiphenyl	1.2	1.2	1.25	97	96	60-130	1.30	30
2,4,6-Tribromophenol	1.0	1.0	1.25	83	81	50-130	2.54	30
4-Terphenyl-d14	1.2	1.2	1.25	96	95	50-130	0.579	30



## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/12/2022	<b>BatchID:</b> 253697
<b>Date Analyzed:</b> 09/13/2022	<b>Extraction Method:</b> SW3050B
<b>Instrument:</b> ICP-MS5	<b>Analytical Method:</b> SW6020
<b>Matrix:</b> Soil	<b>Unit:</b> mg/kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253697

### QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.16	0.50	-	-	-
Arsenic	ND	0.14	0.50	-	-	-
Barium	ND	0.68	5.0	-	-	-
Beryllium	ND	0.083	0.50	-	-	-
Cadmium	ND	0.094	0.50	-	-	-
Chromium	ND	0.13	0.50	-	-	-
Cobalt	ND	0.069	0.50	-	-	-
Copper	ND	0.23	0.50	-	-	-
Lead	ND	0.069	0.50	-	-	-
Mercury	ND	0.038	0.050	-	-	-
Molybdenum	ND	0.14	0.50	-	-	-
Nickel	ND	0.081	0.50	-	-	-
Selenium	ND	0.32	0.50	-	-	-
Silver	ND	0.11	0.50	-	-	-
Thallium	ND	0.072	0.50	-	-	-
Vanadium	ND	0.15	0.50	-	-	-
Zinc	ND	3.2	5.0	-	-	-
<b>Surrogate Recovery</b>						
Terbium	550			500	109	70-130



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** ICP-MS5  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253697  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253697

### QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	49	49	50	99	98	75-125	1.25	20
Arsenic	54	54	50	109	108	75-125	0.289	20
Barium	530	510	500	105	103	75-125	2.42	20
Beryllium	49	50	50	99	100	75-125	0.816	20
Cadmium	50	50	50	100	101	75-125	0.862	20
Chromium	50	51	50	101	101	75-125	0.752	20
Cobalt	52	52	50	103	103	75-125	0.165	20
Copper	55	54	50	109	109	75-125	0.467	20
Lead	50	51	50	99	101	75-125	2.27	20
Mercury	1.2	1.3	1.25	98	101	75-125	2.57	20
Molybdenum	52	51	50	103	103	75-125	0.420	20
Nickel	54	53	50	108	106	75-125	1.97	20
Selenium	54	55	50	108	109	75-125	0.820	20
Silver	49	48	50	97	96	75-125	1.92	20
Thallium	52	52	50	103	104	75-125	0.885	20
Vanadium	51	51	50	102	102	75-125	0.0704	20
Zinc	550	540	500	109	108	75-125	0.767	20
<b>Surrogate Recovery</b>								
Terbium	540	540	500	109	107	70-130	1.52	20



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** ICP-MS4  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253735  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253735  
 2209583-007AMS/MSD  
 2209583-007APDS

### QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.16	0.50	-	-	-
Arsenic	ND	0.14	0.50	-	-	-
Barium	ND	0.68	5.0	-	-	-
Beryllium	ND	0.083	0.50	-	-	-
Cadmium	ND	0.094	0.50	-	-	-
Chromium	ND	0.13	0.50	-	-	-
Cobalt	ND	0.069	0.50	-	-	-
Copper	ND	0.23	0.50	-	-	-
Lead	ND	0.069	0.50	-	-	-
Mercury	ND	0.038	0.050	-	-	-
Molybdenum	ND	0.14	0.50	-	-	-
Nickel	ND	0.081	0.50	-	-	-
Selenium	ND	0.32	0.50	-	-	-
Silver	ND	0.11	0.50	-	-	-
Thallium	ND	0.072	0.50	-	-	-
Vanadium	ND	0.15	0.50	-	-	-
Zinc	ND	3.2	5.0	-	-	-
<b>Surrogate Recovery</b>						
Terbium	530			500	106	70-130



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** ICP-MS4  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253735  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253735  
 2209583-007AMS/MSD  
 2209583-007APDS

### QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	51	50	50	102	101	75-125	1.08	20
Arsenic	51	50	50	102	99	75-125	2.32	20
Barium	500	480	500	100	97	75-125	3.55	20
Beryllium	50	49	50	101	98	75-125	2.32	20
Cadmium	50	49	50	101	97	75-125	3.52	20
Chromium	50	49	50	100	99	75-125	1.52	20
Cobalt	51	49	50	101	98	75-125	3.25	20
Copper	53	51	50	105	102	75-125	3.07	20
Lead	50	48	50	100	97	75-125	3.26	20
Mercury	1.3	1.3	1.25	101	102	75-125	1.10	20
Molybdenum	51	51	50	103	101	75-125	1.41	20
Nickel	52	50	50	103	100	75-125	3.23	20
Selenium	51	51	50	102	102	75-125	0.320	20
Silver	51	49	50	102	98	75-125	3.20	20
Thallium	49	47	50	97	94	75-125	3.24	20
Vanadium	50	49	50	99	99	75-125	0.619	20
Zinc	520	500	500	103	100	75-125	3.12	20

#### Surrogate Recovery

Terbium	540	520	500	108	103	70-130	4.23	20
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	1	51	51	50	0.6280	100	100	75-125	0.308	20
Arsenic	1	57	57	50	7.256	100	99	75-125	0.471	20
Barium	1	1000	800	500	254.6	152,F10	109	75-125	23.4,F10	20
Beryllium	1	48	48	50	0.7860	95	95	75-125	0.0187	20
Cadmium	1	49	49	50	ND	97	98	75-125	0.867	20
Chromium	1	130	130	50	69.99	114	123	75-125	3.26	20
Cobalt	1	62	62	50	12.99	99	98	75-125	0.371	20
Copper	1	88	90	50	34.84	105	110	75-125	2.54	20
Lead	1	60	60	50	9.848	100	101	75-125	0.336	20
Mercury	1	1.3	1.4	1.25	0.07300	100	104	75-125	3.34	20
Molybdenum	1	52	54	50	1.635	101	104	75-125	2.42	20
Nickel	1	160	180	50	87.52	145,F10	188,F10	75-125	12.4	20
Selenium	1	50	50	50	ND	100	100	75-125	0.186	20
Silver	1	50	50	50	ND	100	100	75-125	0.571	20

(Cont.)



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** ICP-MS4  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253735  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253735  
 2209583-007AMS/MSD  
 2209583-007APDS

### QC Summary Report for Metals

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Thallium	1	48	49	50	ND	96	97	75-125	1.09	20
Vanadium	1	120	130	50	70.27	109	113	75-125	1.33	20
Zinc	1	580	580	500	76.99	100	100	75-125	0.303	20
<b>Surrogate Recovery</b>										
Terbium	1	530	540	500		107	107	70-130	0.373	20

Analyte	PDS Result	SPK Val	SPKRef Val	PDS %REC	PDS Limits
Barium	750	500	254.6	99	75-125

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony	ND<2.5	0.6280	-	-
Arsenic	7.2	7.256	0.772	-
Barium	260	254.6	2.12	20
Beryllium	ND<2.5	0.7860	-	-
Cadmium	ND<2.5	ND	-	-
Chromium	74	69.99	5.73	20
Cobalt	14	12.99	7.78	20
Copper	36	34.84	3.33	20
Lead	9.9	9.848	0.528	-
Mercury	ND<0.25	0.07300	-	-
Molybdenum	ND<2.5	1.635	-	-
Nickel	87	87.52	0.594	20
Selenium	ND<2.5	ND	-	-
Silver	ND<2.5	ND	-	-
Thallium	ND<2.5	ND	-	-
Vanadium	75	70.27	6.73	20
Zinc	78	76.99	1.31	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/12/2022	<b>BatchID:</b> 253729
<b>Date Analyzed:</b> 09/13/2022	<b>Extraction Method:</b> SW5035
<b>Instrument:</b> GC19, GC3	<b>Analytical Method:</b> SW8021B/8015Bm
<b>Matrix:</b> Soil	<b>Unit:</b> mg/Kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253729

### QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.55	1.0	-	-	-
MTBE	ND	0.0026	0.050	-	-	-
Benzene	ND	0.0018	0.0050	-	-	-
Toluene	ND	0.0022	0.0050	-	-	-
Ethylbenzene	ND	0.0015	0.0050	-	-	-
m,p-Xylene	ND	0.0026	0.010	-	-	-
o-Xylene	ND	0.00098	0.0050	-	-	-

**Surrogate Recovery**

2-Fluorotoluene	0.090			0.1	90	75-134
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.54	0.55	0.60	90	92	82-118	2.87	20
MTBE	0.089	0.090	0.10	89	90	61-119	0.443	20
Benzene	0.092	0.095	0.10	92	95	77-128	3.65	20
Toluene	0.093	0.096	0.10	93	96	74-132	3.59	20
Ethylbenzene	0.095	0.099	0.10	95	99	84-127	3.73	20
m,p-Xylene	0.19	0.20	0.20	95	98	80-120	3.11	20
o-Xylene	0.096	0.10	0.10	96	100	80-120	3.16	20

**Surrogate Recovery**

2-Fluorotoluene	0.087	0.092	0.10	87	92	75-134	5.19	20
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## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/13/2022  
**Date Analyzed:** 09/14/2022  
**Instrument:** WetChem  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253831  
**Extraction Method:** ASTM D2216  
**Analytical Method:** SW8000  
**Unit:** wet wt%  
**Sample ID:** MB-253831  
 2209583-002A

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### QC Summary Report for Percent Moisture

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Analyte	MB Result	MDL	RL	-	-	-
% Moisture	ND	0.100	0.100	-	-	-

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Analyte	SAMP Result	DUP Result	RPD	RPD Limit
% Moisture	16.0	16.2	0.933	15

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## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/12/2022  
**Instrument:** GC11A  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253696  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8015B  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253696

### QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.78	2.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.6	10	-	-	-
<b>Surrogate Recovery</b>						
C9	24			25	95	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	38	38	40	95	95	70-130	0.409	20
<b>Surrogate Recovery</b>								
C9	24	24	25	95	95	70-130	0.218	20



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022 - 09/15/2022  
**Instrument:** GC11B, GC9a  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

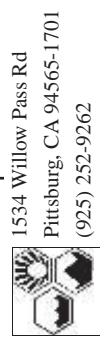
**WorkOrder:** 2209583  
**BatchID:** 253732  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8015B  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253732  
 2209583-002AMS/MSD

### QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.78	2.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.6	10	-	-	-
<b>Surrogate Recovery</b>						
C9	24			25	96	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	39	39	40	96	98	70-130	1.56	20
<b>Surrogate Recovery</b>								
C9	24	24	25	96	96	70-130	0.262	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	1	35	35	40	ND	83	83	70-130	0.208	20
<b>Surrogate Recovery</b>										
C9	1	19	19	25		77	76	70-130	1.00	20



1534 Willow Pass Rd  
Pittsburg, CA 94565-1701  
(925) 252-9262

WorkOrder: 2209583

ClientCode: ENVE

J-flag

ThirdParty

HardCopy

Email

Dry-Weight

EQulS

EDF

CLIP

WaterTrax

Excel

Detection Summary

Report to:

Jason Kane  
Ramboll

Email: jpkane@ramboll.com  
cc/3rd Party: twinger@ramboll.com;

Bill to:

Ramboll  
2200 Powell Street, 7th Floor  
Emeryville, CA 94608  
US169\_vendor@ramboll.com

Requested TATs: 1 day;  
2 days;  
3 days;

Date Received: 09/12/2022  
Date Logged: 09/12/2022

PO: Project: 1690025294-004; Elco Yards  
FAX: (510) 655-9517

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)													
					1	2	3	4	5	6	7	8	9	10	11	12		
2209583-001	SS-TANK01-01	Soil	9/12/2022 11:00	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-002	SS-TANK01-02	Soil	9/12/2022 11:05	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-003	SS-TANK01-03	Soil	9/12/2022 11:10	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-004	SS-TANK01-04	Soil	9/12/2022 11:15	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-005	SS-TANK01-05	Soil	9/12/2022 11:20	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-006	SS-TANK01-06	Soil	9/12/2022 11:25	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-007	SS-TANK01-07	Soil	9/12/2022 11:30	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-008	SS-TANK01-08	Soil	9/12/2022 11:35	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A

Test Legend:

1	8081pcB_ESL_LL_S	2	8081PCB_S	3	8260B_S	4	8270_SCSM_GPC_S
5	ASBEST400 (TEM)_S	6	CAM17MS_TTLC_S	7	G-MBTEX_S	8	PERmoist_S
9	PRDisposal Fee	10	STLC_MSEXTRACTONLY	11	TCLP_MSEXTRACTONLY	12	TPH(DMO)_S

Project Manager: Angela Rydelius

Prepared by: Lilly Ortiz

The following SamplIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A contain testgroup Multi Range\_S.

Comments: 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup should be charged \$75. ESLs added to OCPs + CARB & Moisture 9/13/22 Rush TAT.

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  EQulS  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	SS-TANK01-01	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:00	3 days*	9/15/2022			
			STLC Extract and Hold							3 days*	9/15/2022			
			SW 8000 (Percent Moisture)							2 days	9/14/2022			
			Multi-Range TPH							3 days	9/15/2022			
			SW6020 (CAM 17)							3 days	9/15/2022			
			Asbestos, 435 CARB 400 TEM							1 day	9/23/2022			<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup							1 day	9/15/2022			
			SW8260B (VOCs)							3 days	9/15/2022			
			SW8081A/8082 (OC Pesticides+PCBs)							3 days	9/15/2022			
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil							1 day	9/16/2022			
			SW7199 (Hexavalent chromium, Low-Level)							2 days	9/14/2022			
002A	SS-TANK01-02	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:05	3 days*	9/15/2022			

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U\*\* = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  EQulS  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Out
002A	SS-TANK01-02	Soil	STLC Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:05	3 days*	9/15/2022		
			SW 8000 (Percent Moisture)							2 days	9/14/2022		
			Multi-Range TPH							3 days	9/15/2022		
			SW6020 (CAM 17)							3 days	9/15/2022		
			Asbestos, 435 CARB 400 TEM							1 day	9/23/2022		<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup							1 day	9/15/2022		
			SW8260B (VOCs)							3 days	9/15/2022		
			SW8081A/8082 (OC Pesticides+PCBs)							3 days	9/15/2022		<input checked="" type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil							1 day	9/15/2022		
			SW7199 (Hexavalent chromium, Low-Level)							2 days	9/14/2022		
003A	SS-TANK01-03	Soil	Multi-Range TPH	1	16OZ GI, Unpres				9/12/2022 11:10	3 days	9/15/2022		
			TCLP Extract and Hold							3 days*	9/15/2022		

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

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## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  EQulS  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Out
003A	SS-TANK01-03	Soil	STLC Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:10	3 days*	9/15/2022		
			SW 8000 (Percent Moisture)							2 days	9/14/2022		
			SW6020 (CAM 17)							3 days	9/15/2022		
			Asbestos, 435 CARB 400 TEM							1 day	9/23/2022		<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup							1 day	9/15/2022		
			SW8260B (VOCs)							3 days	9/15/2022		
			SW8081A/8082 (OC Pesticides+PCBs)							3 days	9/15/2022		<input checked="" type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil							1 day	9/15/2022		
			SW7199 (Hexavalent chromium, Low-Level)							2 days	9/14/2022		
004A	SS-TANK01-04	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:15	3 days*	9/15/2022		
			STLC Extract and Hold							3 days*	9/15/2022		
			SW 8000 (Percent Moisture)							2 days	9/14/2022		

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U\*\* = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  EQulS  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
004A	SS-TANK01-04	Soil	Multi-Range TPH	1	16OZ GI, Unpres				9/12/2022 11:15	3 days	9/15/2022			
			SW6020 (CAM 17)							3 days	9/15/2022			
			Asbestos, 435 CARB 400 TEM							1 day	9/23/2022			<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup							1 day	9/15/2022			
			SW8260B (VOCs)							3 days	9/15/2022			
			SW8081A/8082 (OC Pesticides+PCBs)							3 days	9/15/2022			<input checked="" type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil							1 day	9/15/2022			
			SW7199 (Hexavalent chromium, Low-Level)							2 days	9/14/2022			
005A	SS-TANK01-05	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:20	3 days*	9/15/2022			
			STLC Extract and Hold							3 days*	9/15/2022			
			SW 8000 (Percent Moisture)							2 days	9/14/2022			
			Multi-Range TPH							3 days	9/15/2022			

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U\*\* = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583

**QC Level:** LEVEL 2

**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  Email  EQulS  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Out
005A	SS-TANK01-05	Soil	SW6020 (CAM 17) Asbestos, 435 CARB 400 TEM SW8270C (Low Level SVOCs) with GPC Cleanup SW8260B (VOCs) SW8081A/8082 (OC Pesticides+PCBs) SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil SW7199 (Hexavalent chromium, Low-Level)	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:20	3 days	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/23/2022		<input checked="" type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input checked="" type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>
006A	SS-TANK01-06	Soil	TCLP Extract and Hold STLC Extract and Hold SW 8000 (Percent Moisture) Multi-Range TPH SW6020 (CAM 17)	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:25	3 days*	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days*	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

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## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
006A	SS-TANK01-06	Soil	Asbestos, 435 CARB 400 TEM	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:25	1 day	9/23/2022		<input type="checkbox"/>	<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			SW8260B (VOCs)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input checked="" type="checkbox"/>	<input type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			SW7199 (Hexavalent chromium, Low-Level)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>	<input type="checkbox"/>
007A	SS-TANK01-07	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:30	3 days*	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			STLC Extract and Hold			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days*	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			SW 8000 (Percent Moisture)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>	<input type="checkbox"/>
			Multi-Range TPH			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			SW6020 (CAM 17)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			Asbestos, 435 CARB 400 TEM			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/23/2022		<input type="checkbox"/>	<input checked="" type="checkbox"/>

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583

**QC Level:** LEVEL 2

**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
007A	SS-TANK01-07	Soil	SW8270C (Low Level SVOCs) with GPC Cleanup	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:30	1 day	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			SW8260B (VOCs)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input checked="" type="checkbox"/>	<input type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			SW7199 (Hexavalent chromium, Low-Level)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>	<input type="checkbox"/>
008A	SS-TANK01-08	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:35	3 days*	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			STLC Extract and Hold			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days*	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			SW 8000 (Percent Moisture)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>	<input type="checkbox"/>
			Multi-Range TPH			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			SW6020 (CAM 17)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>
			Asbestos, 435 CARB 400 TEM			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/23/2022		<input type="checkbox"/>	<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>	<input type="checkbox"/>

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### WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Out
008A	SS-TANK01-08	Soil	SW8260B (VOCs)	1	16OZ GI, Unpres				9/12/2022 11:35	3 days	9/15/2022		<input type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs)							3 days	9/15/2022		<input checked="" type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil							1 day	9/15/2022		<input type="checkbox"/>
			SW7199 (Hexavalent chromium, Low-Level)							2 days	9/14/2022		<input type="checkbox"/>

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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2209583



# CHAIN-OF-CUSTODY

PAGE 1 of 1

PROJECT NAME / FACILITY ID: ELCO / AEDS FIELD PERSON: Tom Winger

PROJECT NUMBER: 160025294-004 DATE: 9/12/2022 PROJECT MANAGER: Jason Keane

PROJECT LOCATION: Redwood City, CA LABORATORY: McLampbell

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #          WO#         

SAMPLER: <u>Tom Winger</u> SIGNATURE: <u>[Signature]</u>	YEAR	SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED										COMMENTS				
	2022								VECS (8268)	TPH-g/d/mo (805)	Chl7-we hrs (601)	oEPS + PCBs (808)	SWCS (8270)	ESLS (808)	Moisture (8270)	NOA, CARG, 435 ESLS	TTL CR 6	Extract + lead STC + TLR					
SS-TANK01-01		9/12	1100	-	S	1	U	No	X	X	X	X	X	X	X	X	X	X	X	X	X	X	wo summary request for:
SS-TANK01-02			1105						X	X	X	X	X	X	X	X	X	X	X	X	X	X	Twinger
SS-TANK01-03			1110						X	X	X	X	X	X	X	X	X	X	X	X	X	X	JPKane
SS-TANK01-04			1115						X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-TANK01-05			1120						X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-TANK01-06			1125						X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-TANK01-07			1130						X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-TANK01-08		9/12	1135	-	S	1	U	No	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
<b>TOTAL</b>		X	X	X																			

RELINQUISHED BY: [Signature] TIME/DATE: 9/12/2022 @ 1435

RECEIVED BY: [Signature] TIME/DATE: 9/12/22

RELINQUISHED BY: [Signature] TIME/DATE: 9/12/22 @ 1700

RECEIVED BY: [Signature] TIME/DATE: 9/12/22

TURNAROUND TIME (CIRCLE ONE): 24 HOURS - CCA/SVACS

SAMPLE INTEGRITY: IF SEALED, SEAL INTEGRITY

INTACT: Y N Temp         

72 HOURS: OK

5 DAYS: OK

NORMAL: OK

TAT updated + NOA, Moisture and Esus Added 9/13/22

PROJECT NAME / FACILITY ID: ELCO YARDS FIELD PERSON: Tom Winger  
 PROJECT NUMBER: 169025294-004 DATE: 9/12/2022 PROJECT MANAGER: Jasankane  
 PROJECT LOCATION: Redwood City, CA LABORATORY: McLaughlin

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #: \_\_\_\_\_ WO#: \_\_\_\_\_

SAMPLER:	SIGNATURE:	YEAR	SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED					COMMENTS
										VOCs (82608)	TPH-g/d/l/w (805)	CHL7-time hrs (601)	OCPS + PCBs (8081/8082)	SURCS (8270) -low level	
SS-TANK01-01	<i>Tom Winger</i>	9/12	1100			S	1	U	No	X	X	X	X	X	wo Summary request for: Twinger
SS-TANK01-02	<i>Tom Winger</i>	9/12	1105			S	1	U	No	X	X	X	X	X	JPKane @ ramboll.com
SS-TANK01-03		9/12	1110			S	1	U	No	X	X	X	X	X	
SS-TANK01-04		9/12	1115			S	1	U	No	X	X	X	X	X	
SS-TANK01-05		9/12	1120			S	1	U	No	X	X	X	X	X	
SS-TANK01-06		9/12	1125			S	1	U	No	X	X	X	X	X	
SS-TANK01-07		9/12	1130			S	1	U	No	X	X	X	X	X	
SS-TANK01-08		9/12	1135			S	1	U	No	X	X	X	X	X	
<b>TOTAL</b>			X	X	X										

RELINQUISHED BY: <i>Tom Winger</i>	TIME/DATE: 9/12/2022 1435	RECEIVED BY: <i>Sam</i>	TIME/DATE: 9/12/22 1435	TURNAROUND TIME (CIRCLE ONE)	72 HOURS	IF SEALED, SEAL INTEGRITY
RELINQUISHED BY: <i>Tom Winger</i>	TIME/DATE: 9/12/22 1700	(COMPANY): <i>RAMBOLL</i>	TIME/DATE: 9/12/22 1700	24 HOURS	5 DAYS	NORMAL
RELINQUISHED BY: <i>Tom Winger</i>	TIME/DATE: 9/12/22 1700	(COMPANY): <i>RAMBOLL</i>	TIME/DATE: 9/12/22 1700	48 HOURS	NORMAL	
RELINQUISHED BY: <i>Tom Winger</i>	TIME/DATE: 9/12/22 1700	(COMPANY): <i>RAMBOLL</i>	TIME/DATE: 9/12/22 1700	SAMPLE INTEGRITY		INTACT: Y N
RELINQUISHED BY: <i>Tom Winger</i>	TIME/DATE: 9/12/22 1700	(COMPANY): <i>RAMBOLL</i>	TIME/DATE: 9/12/22 1700	INTACT: Y N Temp		INTACT: Y N



## Sample Receipt Checklist

Client Name: Ramboll  
 Project: 1690025294-004; Elco Yards  
 WorkOrder No: 2209583 Matrix: Soil  
 Carrier: Benjamin Yslas (MAI Courier)

Date and Time Received: 9/12/2022 17:00  
 Date Logged: 9/12/2022  
 Received by: Lilly Ortiz  
 Logged by: Lilly Ortiz

### Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

### Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

### Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

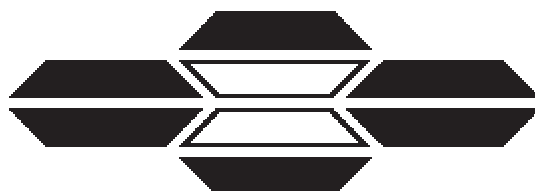
(Ice Type: WET ICE )

Sample/Temp Blank temperature	Temp: 3.2°C		NA <input type="checkbox"/>
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

### UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L [not applicable to 200.7])?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:



**ASBESTOS TEM LABORATORIES, INC.**

**CARB Method 435  
Polarized Light Microscopy  
Analytical Report**

**Laboratory Job # 299-01020**

3431 Ettie St.  
Oakland, CA 94608  
(510) 704-8930  
FAX (510) 704-8429

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ASBESTOS TEM LABORATORIES, INC

CA ELAP  
Lab No. 1866



NVLAP Lab Code: 101891-0  
Oakland, CA

Sep/15/2022

Lilly Ortiz  
McC Campbell Analytical  
1534 Willow Pass Road  
Pittsburg, CA 94565

RE: LABORATORY JOB # 299-01020  
Polarized light microscopy analytical results for 8 bulk sample(s).  
Job Site: 2209583  
Job No.: Elco Yards

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with the California Air Resources Board (ARB) Method 435 for the determination of asbestos in serpentine aggregate samples.

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Sample preparation follows a standard CARB 435 prep method. The entire sample is dried at 135-150 C and then crushed to ~3/8" gravel size using a Bico Chipmunk crusher. If the submitted sample is >1 pint, the sample was split using a 1/2" riffle splitter following ASTM Method C-702-98 to obtain a 1 pint aliquot. The entire 1 pint aliquot, or entire original sample, is then pulverized in a Bico Braun disc pulverizer calibrated to produce a nominal 200 mesh final product. If necessary, additional homogenization steps are undertaken using a 3/8" riffle splitter. Small aliquots are collected from throughout the pulverized material to create three separate microscope slide mounts containing the appropriate refractive index oil. The prepared slides are placed under a polarizing light microscope where standard mineralogical techniques are used to analyze the various materials present, including asbestos. If asbestos is identified and of less than 10% concentration by visual area estimate then an additional five sample mounts are prepared. Quantification of asbestos concentration is obtained using the standard CAL ARB Method 435 point count protocol. For samples observed to contain visible asbestos of less than 10% concentration, a point counting technique is used with 50 points counted on each of eight sample mounts for a total of 400 points. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

While the CARB 435 method has much to commend it, there are a number of situations where it fails to provide sufficient accuracy to make a definitive determination of the presence/absence of asbestos and/or an accurate count of the asbestos concentration present in a given sample. These problems include, but are not limited to, 1) statistical uncertainty with samples containing <1% asbestos when too few particles are counted, 2) definitive identification and discrimination between various fibrous amphibole minerals such as tremolite/actinolite/hornblende and the "Libby amphiboles" such as tremolite/winchite/richterite/arfvedsonite, and C) small asbestiform fibers which are near or below the resolution limit of the PLM microscope such as those found in various California coast range serpentine bodies. In these cases, further analysis by transmission electron microscopy is recommended to obtain a more accurate result.

Sincerely Yours,

Lab Manager  
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, without the approval of the laboratory. ---

3431 Ettie St. • Oakland, CA 94608 • PH. (510) 704-8930 • FAX (510) 704-8429

With Branch Offices Located At: 1350 FREEPORT BLVD. UNIT 104, SPARKS, NV 89431



# POLARIZED LIGHT MICROSCOPY CARB 435 ANALYTICAL REPORT

Contact: Lilly Ortiz	Samples Submitted: 8	Report No. <b>380524</b>
Address: McCampbell Analytical 1534 Willow Pass Road Pittsburg, CA 94565	Samples Analyzed: 8	Date Submitted: Sep-14-22
	Job Site / No. Elco Yards 2209583	Date Reported: Sep-15-22

SAMPLE ID	ASBESTOS		LOCATION / DESCRIPTION
	POINTS COUNTED	% TYPE	
SS-TANK-01-01	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-001	0 - Total Points		
SS-TANK-01-02	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-002	0 - Total Points		
SS-TANK-01-03	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-003	0 - Total Points		
SS-TANK-01-04	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-004	0 - Total Points		
SS-TANK-01-05	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-005	0 - Total Points		
SS-TANK-01-06	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-006	0 - Total Points		
SS-TANK-01-07	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-007	0 - Total Points		
SS-TANK-01-08	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-008	0 - Total Points		
Lab ID #	- Total Points		
Lab ID #	- Total Points		

QC Reviewer Jo Ann Huerto

Analyst Etienne Fang

McCampbell Analytical, Inc.

1534 Willow Pass Rd  
Pittsburg, CA 94565-1701  
Phone: (925) 252-9262  
Fax: (925) 252-9269



# SUB CHAIN-OF-CUSTODY RECORD

WorkOrder: 2209583

ClientCode: ENVE EDF: NO

EQuls

# RUSH

Subcontractor:

Asbestos TEM Laboratories  
3431 Etlie Street

QC Level: LEVEL 2

Project Name: Elco Yards

*1 X DAY TAT*

Oakland, CA 94608

Project Number: 2209583

TEL: (510) 704-8930 FAX: (510) 704-8429

MAI Lab ID	ClientSampleID	Source Name	PS Code	Matrix	Collection Date	TAT	Requested Tests (see Legend below)							
							1	2	3	4	5	6		
2209583-001A	SS-TANK01-01			Soil	9/12/2022 11:00	STD	1							
2209583-002A	SS-TANK01-02			Soil	9/12/2022 11:05	STD	1							
2209583-003A	SS-TANK01-03			Soil	9/12/2022 11:10	STD	1							
2209583-004A	SS-TANK01-04			Soil	9/12/2022 11:15	STD	1							
2209583-005A	SS-TANK01-05			Soil	9/12/2022 11:20	STD	1							
2209583-006A	SS-TANK01-06			Soil	9/12/2022 11:25	STD	1							
2209583-007A	SS-TANK01-07			Soil	9/12/2022 11:30	STD	1							
2209583-008A	SS-TANK01-08			Soil	9/12/2022 11:35	STD	1							

Test Legend:

1 Asbestos, 435 CARB 400 TEM

2 3  
5 6

Comments: **PLEASE USE 'CLIENT ID' AS THE SAMPLE ID AND EMAIL ASAP!**

**PLEASE REPORT BY THURSDAY 9/15/22.**

*WRT*  
9/14/22 1:00 PM

Please email results to Lilly Ortiz at [subdata@mccampbell.com](mailto:subdata@mccampbell.com) upon completion.

Relinquished by: *Maura To* Date/Time: 9/14/22

Received by:

Received by:

Date/Time



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

[See back of form for instructions](#) →

1.  **BREAKDOWN RELIEF: District Use Only BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION District Use Only REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: District Use Only REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): District Use Only PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kelly McDonnell, BFIC (phoned in on 11/16/2022)	Phone #	(669) 297-4259
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	1 hour 33 minutes
Start Time/Date	11/16/2022 at approximately 05:18 AM	Clear Time	11/16/2022 at 06:52 AM
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
	<input checked="" type="checkbox"/> ▶ Other (describe)	scfm	

#### Event Description:

At approximately 5:19 AM on November 16, 2022, site control equipment automatically shutdown due to high oxygen concentrations. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. Technicians restarted the A-7 Flare at 6:52 AM. The Ameresco Landfill Gas to Energy (LFGTE) facility engines remained off line pending the final resolution of the high oxygen concentrations in the landfill gas. Technicians are currently working to locate the area of the gas collection and control system (GCCS) that is contributing to the higher oxygen levels. Additional details regarding the findings and repairs will be detailed in the 10-day Breakdown report. Note, during shutdowns of this nature, LFG flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

#### District Use Only

Received by

Date

Time

### General Instructions



November 22, 2022

Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Root Cause Analysis, Corrective Action Analysis, and Implementation Timeline for Vertical Landfill Gas Extraction Well OXEW1807  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

To Whom It May Concern:

On behalf of Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of the Ox Mountain Landfill (Ox Mountain), Tetra Tech is providing the Bay Area Air Quality Management District (BAAQMD) with this 75-day notification pursuant to the requirements of Title 40 of the Code of Federal Regulations (CFR) 63.1981(j) for elevated temperatures at vertical landfill gas (LFG) extraction well OXEW1807.

On June 21, 2021, Ox Mountain became subject to the California Emissions Guidelines (EG) Rule, which includes compliance with Title 17 California Code of Regulations (CCR) Sections 95460 to 95476, known as AB 32 Landfill Methane Rule (LMR), and specific portions of 40 CFR Part 62 Subpart OOO. The federal National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 63, Subpart AAAA rule came into effect on September 27, 2021, superseding the major compliance provisions of the California EG Rule. However, because Ox Mountain is still subject to the Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34 as well as the site's permit to operate (PTO) which incorporate the outdated New Source Performance Standards (NSPS) wellhead requirements, the site must still operate wells below 131 degrees Fahrenheit (°F). The Federal NESHAP Subpart AAAA rule, under which BFIC is operating Ox Mountain, allows for wellhead temperatures of up to 145°F. We are providing this notification due to the wellhead temperature over 131°F per Title V permit condition number 10164, Part 18(b) even though it has not yet exceeded the minimum operating temperature of 145°F per NESHAP Subpart AAAA.

Well OXEW1807 initially had recorded temperatures greater than 131°F on September 9, 2022. Per the requirements of 40 CFR 63.1981(j)(1), the required 15-Day Root Cause Analysis and 60-Day Corrective Action Analysis forms, including an implementation schedule were completed within the required timeframes and are attached to this notification for your records. However, BFIC anticipates the temperature will not be able to be corrected within the 120-day timeframe from the initial exceedance. Therefore, BFIC requests an extended corrective action timeline beyond 120-days for well OXEW1807. BFIC is preparing a higher operating value (HOV) request to allow for the operation of well OXEW1807, as well as seven other wells, to operate above the temperature limit specified in Regulation 8, Rule 34 and the PTO to the BAAQMD in accordance with NESHAP Subpart AAAA.

If you have any questions or require additional information, please do not hesitate to contact Kendra Kent at (520) 526-7270 or via email at [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com).

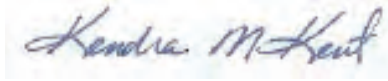
November 22, 2022

Sincerely,

**TETRA TECH**



Rob Newbrough  
Manager of Field Services



Kendra Kent  
Senior Environmental Specialist

Enclosures: 15-Day Root Cause Analysis  
60-Day Corrective Action Analysis

cc: Kelly McDonnell, BFIC  
Travis Armstrong, BFIC  
Ben Wade, BFIC  
Sami H Ayass, P.E., Tetra Tech



## TEMPERATURE EXCEEDANCE

*Corrective Action Analysis and Implementation Schedule*

Date of Initial Exceedance:	9/9/2022
Collection Device ID:	OXEW1807
Temperature Reading:	131.8

<b>Root Cause Analysis</b>	
Has the owner/operator received approval from the state agency to operate at a temperature higher than 55°C (131°F) for this well?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> <li>If YES, exempt as per 40 CFR §60.763(c).</li> <li>If NO, continue the form.</li> </ul>	
Describe what was inspected.	
7/21/22: CO sample 2 ppm	
Describe what was determined to be the root cause of the exceedance.	
Elevated microbial activity	
Determine the required next steps.	
Was the temperature exceedance remediated within 60 days since the initial exceedance?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> <li>If YES, keep records of Root Cause Analysis. No reporting required.</li> <li>If NO, continue with Corrective Action Analysis and Implementation Plan.</li> </ul>	



## TEMPERATURE EXCEEDANCE

### *Corrective Action Analysis and Implementation Schedule*

Date of Initial Exceedance:	9/9/2022
Collection Device ID:	OXEW1807
Temperature Reading:	131.8

<b>Corrective Action Analysis</b>	
Describe the corrective actions taken to remediate exceedance.	
O&M to reduced applied vacuum to well	

<b>Implementation Schedule</b>	
Expected Start Date:	12/16/2022
Expected Completion Date:	12/30/2022
Provide a description of proposed repairs and/or remedial action required and supporting information for implementation timeframe.	
Application for temperature HOV pending approval	

<b>Final Steps</b>	
Determine the required next steps.	
Is the remediation expected to take <b>less than 120 days</b> since initial exceedance per implementation schedule?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> <li>• If YES, send notification to state agency within 75 days of initial exceedance. Include Root Cause Analysis, Corrective Action Analysis, and Implementation Schedule in the next Annual Report.</li> <li>• If NO, send Root Cause Analysis, Corrective Action Analysis, and Implementation Schedule to state agency within 75 days for approval and include in next Annual Report.</li> </ul>	



November 23, 2022

Mr. Jeffrey Gove  
Director of Compliance and Enforcement  
Bay Area Air Quality Management District  
Attn: Title V Reports  
375 Beale Street, Suite 600  
San Francisco, CA 94105

**Transmitted via E-mail**

Re: Combined 10/30-day Title V Report and 30-day Breakdown Follow-up Letter  
Reportable Compliance Activity IDs 08N35 (breakdown) and 08N36 (excursion)  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of the Ox Mountain Landfill (Ox Mountain) (Facility Number A2266), submits this Combined 10/30-Day Title V Report and 30-Day Breakdown Follow-Up Letter for the Breakdown Relief Request submitted to the Bay Area Air Quality Management District (BAAQMD) per the requirements of BAAQMD Compliance and Enforcement Breakdown Guidelines. This letter also satisfies the 10 and 30-day Title V Report requirements and Title V Permit Condition Section I.F (Monitoring Reports). Pursuant to Title V Permit Condition Number 818 Part 3(a), the gas collection and control system (GCCS) shall remain in continuous operation. On November 16, 2022, the GCCS shutdown for more than one hour requiring a breakdown notification. On the same day, a Reportable Compliance Activity (RCA) notification was submitted to the BAAQMD requesting breakdown relief and to report a parametric excursion for the GCCS downtime event. RCA Notification IDs 08N35 (breakdown) and 08N36 (excursion) have been assigned to this event. BFIC respectfully requests that the BAAQMD grant breakdown relief for this event.

### **Background**

On November 16, 2022, at approximately 5:19 AM, the Ameresco landfill gas to energy (LFGTE) plant automatically shutdown causing a shutdown of the A-7 Flare due to the sudden increase in flow. Upon receiving the automated alert of the shutdown, the on-call Tetra Tech (TT) logged into the system remotely to verify the status of the flares at Ox Mountain. Upon confirmation that both flares were not operating, the technician was dispatched to the site to determine the cause of the shutdown and to return the flares to operation. The responding TT technician arrived onsite and restarted the A-7 Flare at 6:52 AM upon completion of the standard inspection for unplanned shutdowns. During this time, Ameresco personnel responding to the shutdown of the LFGTE plant arrived onsite and attempted to start the A-9 Flare at 6:08 AM but were unsuccessful as the flare kept shutting down due to high temperature alarms. The TT technician made manual adjustments to stabilize the A-9 Flare and was able to successfully start it at 7:18 AM.

After both flares were operational, the TT technician coordinated with Ameresco personnel to determine the cause of the shutdown. Initially, Ameresco personnel indicated that the shutdown was due to high



oxygen concentrations and requested the assistance of the TT technician in determining the source of the oxygen. However, upon further investigation, Ameresco personnel determined the initial shutdown was due to the failure of a temperature sensor on the gas conditioning skid instead of the high oxygen concentration as originally identified.

### **Corrective Actions**

This event took place after operating hours; therefore, no onsite personnel for Ox Mountain nor the LFGTE facility were present at the time of shutdown to inspect and restart the control devices. Ox Mountain has on-call personnel from TT and Ameresco has their own personnel to respond to GCCS shutdown events afterhours for emergencies 24 hours a day, 7 days per week. Upon receiving an automated alert of control device downtime, these designated personnel immediately responded. Response time for TT technicians and Ameresco personnel is typically within 30-45 minutes, but this can vary depending on the time of day as well as traffic and weather conditions. Additionally, personnel from TT and Ameresco coordinate during the response to limit downtime. Once onsite, the on-call TT technician inspected the GCCS, blower flare station components and flares for damage in accordance with their inspection and pre-startup procedures. The A-7 and A-9 Flares require a technician onsite to be restarted due to the nature of how the Flares operate. They rely on several components that frequently need to be manually reset before the flares can resume operation.

Under normal circumstances the A-7 Flare operates 24 hours per day. However, due to the sudden increase in LFG flow, the flare shutdown due to high flow. The Ameresco LFGTE facility shut down due to the failure of a temperature sensor on the gas conditioning skid which was beyond Ox Mountain's control. During this period of downtime, applicable inspection and maintenance (I&M) measures were taken pursuant to BAAQMD Regulation 8, Rule 34, Section 113 (8-34-113), which allows for up to 240 hours of GCCS downtime in any calendar year to allow for I&M of the GCCS.

Excess emissions did not occur during this event. The control devices at Ox Mountain have automated features that isolate the GCCS. This prevents emissions from the GCCS when the control devices are not in operation. At the time of this submittal, the GCCS is operating within normal parameters. BFIC respectfully requests that the BAAQMD grant breakdown relief for this event as the shutdown was out of Ox Mountains control.

### **Conclusion**

The RCA Notification was submitted per BAAQMD Regulation 1 Section 112 and the related excursion event per verbal guidance from a previous BAAMQD inspector, and out of an abundance of caution.

Although a request for breakdown relief is being submitted per BAAQMD guidelines, there was no "breakdown" of any Ox Mountain-owned control device. Nor does BFIC believe that a parametric excursion occurred when the flares were offline, because there was no excursion from operating limits and no missing operating data. As BFIC has stated in past letters, it believes BAAQMD's Rule 1-523.3 only requires the reporting of parametric monitoring excursions when the monitoring equipment shows an exceedance of a permit condition when the flare is operating, not when it is shutdown.

With the submittal of this combined notification, BFIC has completed all reporting requirements for the event within the required timeframes. BFIC is committed to operating its systems in compliance with all applicable regulations and will continue to ensure future compliance.

Mr. Jeffery Gove  
November 22, 2022  
Page 3

If you have any questions or require additional information, please do not hesitate to contact myself at (650)713-3632 or by email at KMcdonnell@republicservices.com or Kendra Kent at (520) 526-7270 or by email at kendra.kent@tetrattech.com.

Sincerely,



Kelly McDonnell  
Environmental Manager  
Ox Mountain Landfill

Attachment: A – RCA Form IDs 08N35 (breakdown) and 08N36 (excursion)  
B – A-7 and A-9 Flare Data – November 15, 2022, through November 17, 2022

cc: Travis Armstrong, BFIC  
Ben Wade, BFIC  
Kendra Kent, Tetra Tech  
Romelle Guittap, BAAQMD

Attachment A  
RCA Form IDs 08N35 (breakdown) and 08N36 (excursion)



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

[See back of form for instructions](#) →

1.  **BREAKDOWN RELIEF: District Use Only BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION District Use Only REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: District Use Only REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): District Use Only PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kelly McDonnell, BFIC (phoned in on 11/16/2022)	Phone #	(669) 297-4259
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	1 hour 33 minutes
Start Time/Date	11/16/2022 at approximately 05:18 AM	Clear Time	11/16/2022 at 06:52 AM
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
	<input checked="" type="checkbox"/> ▶ Other (describe)	scfm	

#### Event Description:

At approximately 5:19 AM on November 16, 2022, site control equipment automatically shutdown due to high oxygen concentrations. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. Technicians restarted the A-7 Flare at 6:52 AM. The Ameresco Landfill Gas to Energy (LFGTE) facility engines remained off line pending the final resolution of the high oxygen concentrations in the landfill gas. Technicians are currently working to locate the area of the gas collection and control system (GCCS) that is contributing to the higher oxygen levels. Additional details regarding the findings and repairs will be detailed in the 10-day Breakdown report. Note, during shutdowns of this nature, LFG flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

#### District Use Only

Received by

Date

Time

### General Instructions

## Kent, Kendra

---

**From:** RCA Notification <rca@baaqmd.gov>  
**Sent:** Wednesday, November 16, 2022 5:55 PM  
**To:** Kent, Kendra  
**Cc:** Mcdonnell, Kelly; Israel, Nat; Newbrough, Rob; Ayass, Sami; Romelle Guittap  
**Subject:** RE: RCA Notification - Ox Mountain (Facility #A2266) - 11.16.22

I am confirming receipt, the RCAs for your notification are as follows:

Breakdown: 08N35  
Excess: 08N36

---

**From:** Kent, Kendra <Kendra.Kent@tetrattech.com>  
**Sent:** Wednesday, November 16, 2022 4:05 PM  
**To:** RCA Notification <rca@baaqmd.gov>  
**Cc:** Mcdonnell, Kelly <KMcdonnell@republicservices.com>; Israel, Nat <Nat.Israel@tetrattech.com>; Newbrough, Rob <Rob.Newbrough@tetrattech.com>; Ayass, Sami <Sami.Ayass@tetrattech.com>; Romelle Guittap <rguittap@baaqmd.gov>  
**Subject:** FW: RCA Notification - Ox Mountain (Facility #A2266) - 11.16.22

**CAUTION:** This email originated from outside of the BAAQMD network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To Whom it May Concern,

Tetra Tech is submitting the attached RCA form for Ox Mountain (Facility A2266) as a follow-up to the email notification for breakdown relief that was submitted by Browning-Ferris of California, Inc. earlier today, November 16, 2022 (attached below). Ox Mountain is currently preparing the 10-day Report and will submit it to the BAAQMD within the allowed timeframe. If you have any questions in the interim, please let me know.

Thanks,  
Kendra

**Kendra Kent** | Senior Compliance Specialist  
Direct +1 (520) 526-7270 | Mobile +1 (520) 275-0189 | Fax +1 (520) 888-4804 | [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
800 E Wetmore Road, Suite 230 | Tucson, Arizona 85719 | [tetrattech.com](http://tetrattech.com) | [www.cornestoneeg.com](http://www.cornestoneeg.com)

**While we are operating remotely in response to COVID-19, Tetra Tech teams remain fully connected and hard at work servicing our clients and ongoing projects. We also would like to wish health and wellness to you and your family.**

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Please consider the environment before printing. [Read more](#)



---

**From:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>  
**Sent:** Wednesday, November 16, 2022 2:48 PM  
**To:** RCA HOTLINE ([rca@baaqmd.gov](mailto:rca@baaqmd.gov)) <[rca@baaqmd.gov](mailto:rca@baaqmd.gov)>  
**Cc:** Wade, Benjamin <[BWade@republicservices.com](mailto:BWade@republicservices.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Newbrough, Rob <[Rob.Newbrough@tetrattech.com](mailto:Rob.Newbrough@tetrattech.com)>; Ayass, Sami <[Sami.Ayass@tetrattech.com](mailto:Sami.Ayass@tetrattech.com)>  
**Subject:** RCA Notification - Ox Mountain (Facility #A2266) - 11.16.22

To whom it may concern-

The flares went down between 5:19AM and 6:44AM. Site is looking over the field and working to determine the cause of the breakdown. Site will follow up with a notification form within 24 hours.

Best regards ,

**Kelly McDonnell**

Ox Mountain Landfill  
Environmental Manager

e [KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)

c (669) 297-4259 o (650) 713-3632

w [www.Republicservices.com](http://www.Republicservices.com)



We'll handle it from here.™

Attachment B  
A-7 and A-9 Flare Data – November 15, 2022, through November 17,  
2022

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-7**

Date	Time	Ch. Tag Unit sec	CH02		CH05		Temperature average	3-hour		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		Temperature average	Cell count	
2022/11/15	00:00:00		0.000	1295	1356	1504	1533	1519	1541	180
2022/11/15	00:02:00		0.000	1306	1370	1503	1537	1520	1541	180
2022/11/15	00:04:00		0.000	1323	1378	1537	1579	1558	1542	180
2022/11/15	00:06:00		0.000	1324	1378	1560	1582	1571	1542	180
2022/11/15	00:08:00		0.000	1323	1363	1532	1560	1546	1542	180
2022/11/15	00:10:00		0.000	1286	1358	1512	1533	1523	1542	180
2022/11/15	00:12:00		0.000	1307	1351	1508	1523	1516	1542	180
2022/11/15	00:14:00		0.000	1259	1351	1521	1534	1528	1542	180
2022/11/15	00:16:00		0.000	1333	1390	1525	1578	1552	1541	180
2022/11/15	00:18:00		0.000	1310	1360	1566	1574	1570	1542	180
2022/11/15	00:20:00		0.000	1277	1371	1551	1566	1559	1542	180
2022/11/15	00:22:00		0.000	1315	1372	1558	1565	1562	1543	180
2022/11/15	00:24:00		0.000	1325	1366	1541	1569	1555	1543	180
2022/11/15	00:26:00		0.000	1325	1360	1510	1541	1526	1543	180
2022/11/15	00:28:00		0.000	1291	1357	1511	1524	1518	1542	180
2022/11/15	00:30:00		0.000	1277	1348	1511	1530	1521	1542	180
2022/11/15	00:32:00		0.000	1284	1347	1521	1540	1531	1542	180
2022/11/15	00:34:00		0.000	1253	1376	1532	1569	1551	1542	180
2022/11/15	00:36:00		0.000	1323	1379	1569	1585	1577	1543	180
2022/11/15	00:38:00		0.000	1304	1366	1555	1577	1566	1543	180
2022/11/15	00:40:00		0.000	1288	1354	1523	1563	1543	1543	180
2022/11/15	00:42:00		0.000	1295	1353	1512	1528	1520	1542	180
2022/11/15	00:44:00		0.000	1271	1360	1506	1534	1520	1542	180
2022/11/15	00:46:00		0.000	1297	1351	1529	1539	1534	1542	180
2022/11/15	00:48:00		0.000	1320	1358	1537	1551	1544	1542	180
2022/11/15	00:50:00		0.000	1286	1358	1545	1559	1552	1543	180
2022/11/15	00:52:00		0.000	1319	1362	1551	1560	1556	1543	180
2022/11/15	00:54:00		0.000	1316	1361	1560	1572	1566	1543	180
2022/11/15	00:56:00		0.000	1321	1370	1542	1572	1557	1543	180
2022/11/15	00:58:00		0.000	1293	1370	1537	1557	1547	1543	180
2022/11/15	01:00:00		0.000	1321	1363	1537	1545	1541	1543	180
2022/11/15	01:02:00		0.000	1298	1358	1527	1543	1535	1542	180
2022/11/15	01:04:00		0.000	1291	1347	1520	1533	1527	1542	180
2022/11/15	01:06:00		0.000	1280	1343	1508	1520	1514	1542	180
2022/11/15	01:08:00		0.000	1280	1350	1510	1533	1522	1542	180
2022/11/15	01:10:00		0.000	1277	1365	1533	1556	1545	1542	180
2022/11/15	01:12:00		0.000	1325	1374	1555	1586	1571	1543	180
2022/11/15	01:14:00		0.000	1328	1368	1568	1579	1574	1543	180
2022/11/15	01:16:00		0.000	1291	1361	1532	1572	1552	1543	180
2022/11/15	01:18:00		0.000	1285	1358	1508	1534	1521	1542	180
2022/11/15	01:20:00		0.000	1291	1352	1507	1515	1511	1542	180
2022/11/15	01:22:00		0.000	1278	1345	1515	1523	1519	1542	180
2022/11/15	01:24:00		0.000	1261	1370	1523	1574	1549	1542	180
2022/11/15	01:26:00		0.000	1327	1368	1563	1593	1578	1543	180
2022/11/15	01:28:00		0.000	1299	1358	1542	1563	1553	1543	180
2022/11/15	01:30:00		0.000	1303	1353	1532	1549	1541	1543	180
2022/11/15	01:32:00		0.000	1284	1350	1518	1532	1525	1543	180
2022/11/15	01:34:00		0.000	1277	1342	1512	1519	1516	1542	180
2022/11/15	01:36:00		0.000	1289	1342	1510	1536	1523	1542	180
2022/11/15	01:38:00		0.000	1295	1354	1535	1558	1547	1542	180
2022/11/15	01:40:00		0.000	1321	1363	1557	1572	1565	1542	180
2022/11/15	01:42:00		0.000	1313	1370	1562	1576	1569	1543	180
2022/11/15	01:44:00		0.000	1273	1354	1529	1562	1546	1543	180
2022/11/15	01:46:00		0.000	1250	1339	1499	1529	1514	1543	180
2022/11/15	01:48:00		0.000	1313	1362	1499	1539	1519	1542	180
2022/11/15	01:50:00		0.000	1320	1368	1539	1561	1550	1542	180
2022/11/15	01:52:00		0.000	1308	1358	1549	1557	1553	1542	180
2022/11/15	01:54:00		0.000	1306	1358	1537	1549	1543	1542	180
2022/11/15	01:56:00		0.000	1274	1354	1528	1537	1533	1543	180
2022/11/15	01:58:00		0.000	1288	1339	1525	1539	1532	1543	180
2022/11/15	02:00:00		0.000	1289	1355	1514	1551	1533	1543	180
2022/11/15	02:02:00		0.000	1279	1358	1550	1562	1556	1543	180
2022/11/15	02:04:00		0.000	1323	1369	1562	1584	1573	1543	180
2022/11/15	02:06:00		0.000	1320	1367	1558	1582	1570	1543	180
2022/11/15	02:08:00		0.000	1270	1350	1520	1558	1539	1543	180



2022/11/15	02:10:00	0.000	1277	1354	1507	1523	1515	1543	180
2022/11/15	02:12:00	0.000	1274	1348	1512	1535	1524	1543	180
2022/11/15	02:14:00	0.000	1204	1367	1535	1561	1548	1543	180
2022/11/15	02:16:00	0.000	1281	1360	1561	1566	1564	1543	180
2022/11/15	02:18:00	0.000	1296	1351	1558	1566	1562	1543	180
2022/11/15	02:20:00	0.000	1280	1341	1533	1558	1546	1543	180
2022/11/15	02:22:00	0.000	1287	1339	1522	1534	1528	1543	180
2022/11/15	02:24:00	0.000	1280	1361	1510	1549	1530	1542	180
2022/11/15	02:26:00	0.000	1327	1376	1549	1581	1565	1543	180
2022/11/15	02:28:00	0.000	1310	1360	1547	1584	1566	1543	180
2022/11/15	02:30:00	0.000	1307	1350	1526	1547	1537	1543	180
2022/11/15	02:32:00	0.000	1262	1349	1506	1526	1516	1543	180
2022/11/15	02:34:00	0.000	1285	1345	1508	1535	1522	1542	180
2022/11/15	02:36:00	0.000	1234	1365	1525	1555	1540	1542	180
2022/11/15	02:38:00	0.000	1317	1368	1555	1582	1569	1542	180
2022/11/15	02:40:00	0.000	1289	1354	1561	1572	1567	1543	180
2022/11/15	02:42:00	0.000	1294	1347	1547	1561	1554	1543	180
2022/11/15	02:44:00	0.000	1278	1346	1518	1549	1534	1543	180
2022/11/15	02:46:00	0.000	1256	1347	1518	1530	1524	1543	180
2022/11/15	02:48:00	0.000	1297	1372	1522	1531	1527	1542	180
2022/11/15	02:50:00	0.000	1305	1372	1528	1550	1539	1542	180
2022/11/15	02:52:00	0.000	1309	1363	1542	1548	1545	1542	180
2022/11/15	02:54:00	0.000	1298	1346	1522	1546	1534	1542	180
2022/11/15	02:56:00	0.000	1280	1343	1522	1533	1528	1542	180
2022/11/15	02:58:00	0.000	1272	1343	1526	1547	1537	1542	182
2022/11/15	03:00:00	0.000	1285	1363	1528	1574	1551	1542	180
2022/11/15	03:02:00	0.000	1314	1360	1569	1578	1574	1543	180
2022/11/15	03:04:00	0.000	1311	1358	1548	1570	1559	1543	180
2022/11/15	03:06:00	0.000	1286	1349	1533	1548	1541	1542	180
2022/11/15	03:08:00	0.000	1280	1343	1520	1534	1527	1542	180
2022/11/15	03:10:00	0.000	1265	1343	1508	1520	1514	1542	180
2022/11/15	03:12:00	0.000	1234	1344	1511	1533	1522	1542	180
2022/11/15	03:14:00	0.000	1304	1372	1523	1568	1546	1542	180
2022/11/15	03:16:00	0.000	1231	1347	1553	1563	1558	1543	180
2022/11/15	03:18:00	0.000	1281	1348	1543	1557	1550	1542	180
2022/11/15	03:20:00	0.000	1246	1351	1537	1558	1548	1542	180
2022/11/15	03:22:00	0.000	1257	1339	1526	1551	1539	1542	180
2022/11/15	03:24:00	0.000	1276	1336	1531	1543	1537	1542	180
2022/11/15	03:26:00	0.000	1284	1343	1531	1545	1538	1542	180
2022/11/15	03:28:00	0.000	1294	1344	1545	1556	1551	1542	180
2022/11/15	03:30:00	0.000	1262	1349	1537	1549	1543	1542	180
2022/11/15	03:32:00	0.000	1288	1351	1549	1572	1561	1543	180
2022/11/15	03:34:00	0.000	1291	1344	1553	1570	1562	1543	180
2022/11/15	03:36:00	0.000	1286	1350	1544	1556	1550	1543	180
2022/11/15	03:38:00	0.000	1279	1354	1516	1544	1530	1542	180
2022/11/15	03:40:00	0.000	1298	1343	1514	1534	1524	1542	180
2022/11/15	03:42:00	0.000	1276	1347	1526	1540	1533	1542	180
2022/11/15	03:44:00	0.000	1276	1349	1539	1558	1549	1542	180
2022/11/15	03:46:00	0.000	1259	1343	1541	1558	1550	1543	180
2022/11/15	03:48:00	0.000	1301	1342	1535	1548	1542	1543	180
2022/11/15	03:50:00	0.000	1238	1339	1525	1548	1537	1542	180
2022/11/15	03:52:00	0.000	1255	1339	1525	1534	1530	1542	180
2022/11/15	03:54:00	0.000	1267	1337	1534	1546	1540	1542	180
2022/11/15	03:56:00	0.000	1270	1339	1539	1547	1543	1542	180
2022/11/15	03:58:00	0.000	1274	1338	1529	1547	1538	1542	180
2022/11/15	04:00:00	0.000	1248	1339	1539	1553	1546	1542	180
2022/11/15	04:02:00	0.000	1282	1349	1541	1564	1553	1542	180
2022/11/15	04:04:00	0.000	1264	1343	1549	1568	1559	1542	180
2022/11/15	04:06:00	0.000	1254	1343	1544	1562	1553	1543	180
2022/11/15	04:08:00	0.000	1230	1339	1521	1548	1535	1543	180
2022/11/15	04:10:00	0.000	1281	1343	1539	1553	1546	1543	180
2022/11/15	04:12:00	0.000	1258	1347	1542	1561	1552	1543	180
2022/11/15	04:14:00	0.000	1225	1345	1543	1560	1552	1542	180
2022/11/15	04:16:00	0.000	1284	1347	1535	1545	1540	1542	180
2022/11/15	04:18:00	0.000	1251	1349	1520	1539	1530	1542	180
2022/11/15	04:20:00	0.000	1277	1353	1520	1534	1527	1543	180
2022/11/15	04:22:00	0.000	1240	1344	1523	1537	1530	1543	180
2022/11/15	04:24:00	0.000	1293	1347	1523	1541	1532	1542	180
2022/11/15	04:26:00	0.000	1255	1339	1525	1539	1532	1542	180
2022/11/15	04:28:00	0.000	1248	1337	1537	1553	1545	1542	180
2022/11/15	04:30:00	0.000	1280	1339	1537	1556	1547	1542	180
2022/11/15	04:32:00	0.000	1262	1343	1524	1558	1541	1542	180
2022/11/15	04:34:00	0.000	1247	1339	1525	1549	1537	1542	180
2022/11/15	04:36:00	0.000	1225	1328	1529	1545	1537	1543	180

2022/11/15	04:38:00	0.000	1248	1343	1528	1563	1546	1542	180
2022/11/15	04:40:00	0.000	1208	1350	1558	1564	1561	1542	180
2022/11/15	04:42:00	0.000	1284	1340	1546	1562	1554	1542	180
2022/11/15	04:44:00	0.000	1209	1339	1531	1546	1539	1542	180
2022/11/15	04:46:00	0.000	1293	1354	1526	1544	1535	1542	180
2022/11/15	04:48:00	0.000	1276	1339	1530	1543	1537	1543	180
2022/11/15	04:50:00	0.000	1270	1339	1518	1534	1526	1542	180
2022/11/15	04:52:00	0.000	1219	1343	1518	1546	1532	1542	180
2022/11/15	04:54:00	0.000	1280	1336	1537	1547	1542	1542	180
2022/11/15	04:56:00	0.000	1251	1339	1537	1558	1548	1542	180
2022/11/15	04:58:00	0.000	1298	1345	1545	1553	1549	1542	180
2022/11/15	05:00:00	0.000	1275	1348	1548	1572	1560	1543	180
2022/11/15	05:02:00	0.000	1262	1343	1543	1574	1559	1543	180
2022/11/15	05:04:00	0.000	1237	1341	1528	1545	1537	1542	180
2022/11/15	05:06:00	0.000	1206	1345	1532	1545	1539	1542	180
2022/11/15	05:08:00	0.000	1250	1338	1525	1535	1530	1542	180
2022/11/15	05:10:00	0.000	1266	1339	1522	1532	1527	1542	180
2022/11/15	05:12:00	0.000	1224	1339	1515	1565	1540	1542	180
2022/11/15	05:14:00	0.000	1251	1329	1557	1569	1563	1542	180
2022/11/15	05:16:00	0.000	1267	1336	1549	1557	1553	1542	180
2022/11/15	05:18:00	0.000	1241	1339	1537	1553	1545	1542	180
2022/11/15	05:20:00	0.000	1243	1331	1543	1550	1547	1542	180
2022/11/15	05:22:00	0.000	1234	1333	1540	1551	1546	1542	180
2022/11/15	05:24:00	0.000	1224	1344	1519	1548	1534	1542	180
2022/11/15	05:26:00	0.000	1299	1343	1541	1577	1559	1542	180
2022/11/15	05:28:00	0.000	1269	1345	1515	1555	1535	1542	180
2022/11/15	05:30:00	0.000	1222	1344	1503	1525	1514	1542	180
2022/11/15	05:32:00	0.000	1212	1343	1525	1545	1535	1542	180
2022/11/15	05:34:00	0.000	1273	1351	1545	1589	1567	1542	180
2022/11/15	05:36:00	0.000	1237	1336	1544	1590	1567	1543	180
2022/11/15	05:38:00	0.000	1228	1343	1528	1551	1540	1542	180
2022/11/15	05:40:00	0.000	1268	1344	1537	1549	1543	1542	180
2022/11/15	05:42:00	0.000	1258	1339	1545	1556	1551	1542	180
2022/11/15	05:44:00	0.000	1259	1333	1525	1550	1538	1542	180
2022/11/15	05:46:00	0.000	1253	1341	1522	1529	1526	1542	180
2022/11/15	05:48:00	0.000	1282	1345	1522	1533	1528	1542	180
2022/11/15	05:50:00	0.000	1237	1343	1531	1549	1540	1542	180
2022/11/15	05:52:00	0.000	1290	1341	1531	1548	1540	1542	180
2022/11/15	05:54:00	0.000	1277	1338	1539	1544	1542	1542	180
2022/11/15	05:56:00	0.000	1225	1331	1528	1545	1537	1542	180
2022/11/15	05:58:00	0.000	1247	1343	1533	1554	1544	1542	180
2022/11/15	06:00:00	0.000	1268	1343	1540	1558	1549	1542	180
2022/11/15	06:02:00	0.000	1275	1338	1553	1561	1557	1542	180
2022/11/15	06:04:00	0.000	515	1737	1549	1647	1598	1543	180
2022/11/15	06:06:00	0.000	1196	1339	1468	1637	1553	1543	180
2022/11/15	06:08:00	0.000	1305	1361	1469	1532	1501	1542	180
2022/11/15	06:10:00	0.000	1237	1351	1518	1543	1531	1543	180
2022/11/15	06:12:00	0.000	1267	1347	1518	1545	1532	1543	180
2022/11/15	06:14:00	0.000	1238	1337	1518	1542	1530	1543	180
2022/11/15	06:16:00	0.000	1237	1338	1518	1539	1529	1542	180
2022/11/15	06:18:00	0.000	1259	1343	1528	1572	1550	1542	180
2022/11/15	06:20:00	0.000	1265	1346	1553	1576	1565	1542	180
2022/11/15	06:22:00	0.000	1283	1354	1547	1564	1556	1543	180
2022/11/15	06:24:00	0.000	1233	1339	1512	1547	1530	1543	180
2022/11/15	06:26:00	0.000	1235	1339	1512	1525	1519	1542	180
2022/11/15	06:28:00	0.000	1248	1334	1520	1537	1529	1542	180
2022/11/15	06:30:00	0.000	1244	1336	1533	1535	1534	1542	180
2022/11/15	06:32:00	0.000	1286	1364	1534	1570	1552	1542	180
2022/11/15	06:34:00	0.000	1287	1349	1547	1557	1552	1542	180
2022/11/15	06:36:00	0.000	1265	1328	1545	1564	1555	1542	180
2022/11/15	06:38:00	0.000	1253	1339	1534	1548	1541	1542	180
2022/11/15	06:40:00	0.000	1225	1337	1535	1561	1548	1542	180
2022/11/15	06:42:00	0.000	1291	1353	1551	1575	1563	1543	180
2022/11/15	06:44:00	0.000	1237	1341	1521	1574	1548	1543	180
2022/11/15	06:46:00	0.000	1256	1341	1512	1541	1527	1542	180
2022/11/15	06:48:00	0.000	1284	1342	1525	1539	1532	1542	180
2022/11/15	06:50:00	0.000	1206	1341	1521	1537	1529	1542	180
2022/11/15	06:52:00	0.000	1231	1339	1523	1547	1535	1542	180
2022/11/15	06:54:00	0.000	1229	1326	1542	1550	1546	1542	180
2022/11/15	06:56:00	0.000	1236	1325	1529	1550	1540	1542	180
2022/11/15	06:58:00	0.000	1237	1347	1523	1558	1541	1542	180
2022/11/15	07:00:00	0.000	1241	1339	1556	1563	1560	1542	180
2022/11/15	07:02:00	0.000	1198	1332	1553	1565	1559	1542	180
2022/11/15	07:04:00	0.000	1229	1334	1547	1566	1557	1542	180

2022/11/15	07:06:00	0.000	1235	1332	1547	1558	1553	1542	180
2022/11/15	07:08:00	0.000	1253	1330	1538	1547	1543	1543	180
2022/11/15	07:10:00	0.000	1237	1333	1533	1544	1539	1542	180
2022/11/15	07:12:00	0.000	1263	1333	1531	1546	1539	1542	180
2022/11/15	07:14:00	0.000	1252	1335	1535	1549	1542	1542	180
2022/11/15	07:16:00	0.000	1216	1339	1515	1537	1526	1542	180
2022/11/15	07:18:00	0.000	1189	1334	1523	1532	1528	1542	180
2022/11/15	07:20:00	0.000	1259	1336	1532	1543	1538	1542	180
2022/11/15	07:22:00	0.000	1218	1332	1518	1539	1529	1542	180
2022/11/15	07:24:00	0.000	1221	1327	1527	1537	1532	1542	180
2022/11/15	07:26:00	0.000	1228	1327	1528	1533	1531	1542	180
2022/11/15	07:28:00	0.000	1230	1344	1533	1578	1556	1542	180
2022/11/15	07:30:00	0.000	1217	1339	1563	1596	1580	1543	180
2022/11/15	07:32:00	0.000	1211	1326	1547	1563	1555	1543	180
2022/11/15	07:34:00	0.000	1235	1328	1551	1568	1560	1543	180
2022/11/15	07:36:00	0.000	1196	1331	1531	1561	1546	1543	180
2022/11/15	07:38:00	0.000	1190	1332	1530	1547	1539	1543	180
2022/11/15	07:40:00	0.000	1240	1338	1532	1542	1537	1543	180
2022/11/15	07:42:00	0.000	1200	1328	1529	1542	1536	1543	180
2022/11/15	07:44:00	0.000	1257	1344	1526	1564	1545	1543	180
2022/11/15	07:46:00	0.000	1235	1328	1520	1543	1532	1543	180
2022/11/15	07:48:00	0.000	1228	1328	1504	1527	1516	1542	180
2022/11/15	07:50:00	0.000	1234	1325	1507	1553	1530	1542	180
2022/11/15	07:52:00	0.000	1212	1322	1542	1566	1554	1543	180
2022/11/15	07:54:00	0.000	1240	1325	1553	1570	1562	1543	180
2022/11/15	07:56:00	0.000	1235	1330	1551	1568	1560	1543	180
2022/11/15	07:58:00	0.000	1243	1328	1532	1551	1542	1543	180
2022/11/15	08:00:00	0.000	1254	1342	1532	1561	1547	1543	180
2022/11/15	08:02:00	0.000	1238	1339	1533	1570	1552	1543	180
2022/11/15	08:04:00	0.000	1236	1321	1507	1533	1520	1542	180
2022/11/15	08:06:00	0.000	1219	1330	1507	1553	1530	1542	180
2022/11/15	08:08:00	0.000	1190	1323	1521	1555	1538	1542	180
2022/11/15	08:10:00	0.000	1220	1328	1516	1535	1526	1542	180
2022/11/15	08:12:00	0.000	1243	1328	1528	1543	1536	1542	180
2022/11/15	08:14:00	0.000	1223	1325	1534	1551	1543	1542	180
2022/11/15	08:16:00	0.000	1220	1329	1522	1552	1537	1542	180
2022/11/15	08:18:00	0.000	1203	1328	1542	1553	1548	1542	180
2022/11/15	08:20:00	0.000	1200	1325	1537	1545	1541	1542	180
2022/11/15	08:22:00	0.000	1225	1338	1540	1572	1556	1542	180
2022/11/15	08:24:00	0.000	1215	1325	1542	1569	1556	1542	180
2022/11/15	08:26:00	0.000	1208	1322	1523	1542	1533	1542	180
2022/11/15	08:28:00	0.000	1219	1331	1536	1559	1548	1542	180
2022/11/15	08:30:00	0.000	1243	1331	1559	1574	1567	1543	180
2022/11/15	08:32:00	0.000	1237	1335	1553	1570	1562	1543	180
2022/11/15	08:34:00	0.000	1218	1327	1543	1561	1552	1543	180
2022/11/15	08:36:00	0.000	1253	1338	1534	1544	1539	1543	180
2022/11/15	08:38:00	0.000	1195	1333	1516	1539	1528	1542	180
2022/11/15	08:40:00	0.000	1255	1320	1516	1528	1522	1542	180
2022/11/15	08:42:00	0.000	1166	1345	1518	1564	1541	1542	180
2022/11/15	08:44:00	0.000	1227	1336	1553	1570	1562	1542	180
2022/11/15	08:46:00	0.000	1237	1323	1549	1568	1559	1543	180
2022/11/15	08:48:00	0.000	1229	1325	1543	1550	1547	1543	180
2022/11/15	08:50:00	0.000	1239	1336	1539	1551	1545	1543	180
2022/11/15	08:52:00	0.000	1262	1344	1547	1556	1552	1543	180
2022/11/15	08:54:00	0.000	1257	1336	1541	1556	1549	1543	180
2022/11/15	08:56:00	0.000	1248	1336	1515	1541	1528	1543	180
2022/11/15	08:58:00	0.000	1204	1317	1516	1547	1532	1543	180
2022/11/15	09:00:00	0.000	1215	1334	1515	1533	1524	1543	180
2022/11/15	09:02:00	0.000	1239	1331	1526	1538	1532	1542	180
2022/11/15	09:04:00	0.000	1207	1326	1537	1547	1542	1542	180
2022/11/15	09:06:00	0.000	1228	1325	1545	1553	1549	1542	180
2022/11/15	09:08:00	0.000	1235	1343	1525	1566	1546	1542	180
2022/11/15	09:10:00	0.000	1267	1344	1566	1585	1576	1543	180
2022/11/15	09:12:00	0.000	1277	1356	1564	1582	1573	1543	180
2022/11/15	09:14:00	0.000	1291	1349	1558	1572	1565	1544	180
2022/11/15	09:16:00	0.000	1273	1354	1553	1558	1556	1544	180
2022/11/15	09:18:00	0.000	1310	1358	1541	1558	1550	1544	180
2022/11/15	09:20:00	0.000	1280	1355	1545	1564	1555	1544	180
2022/11/15	09:22:00	0.000	1245	1341	1502	1560	1531	1544	180
2022/11/15	09:24:00	0.000	1252	1336	1491	1503	1497	1543	180
2022/11/15	09:26:00	0.000	1252	1344	1494	1518	1506	1543	180
2022/11/15	09:28:00	0.000	1319	1363	1518	1577	1548	1543	180
2022/11/15	09:30:00	0.000	1326	1373	1570	1589	1580	1544	180
2022/11/15	09:32:00	0.000	1313	1366	1509	1584	1547	1544	180

2022/11/15	09:34:00	0.000	1329	1373	1508	1556	1532	1543	180
2022/11/15	09:36:00	0.000	1344	1391	1553	1585	1569	1544	180
2022/11/15	09:38:00	0.000	1299	1376	1553	1581	1567	1544	180
2022/11/15	09:40:00	0.000	1326	1388	1550	1577	1564	1544	180
2022/11/15	09:42:00	0.000	1328	1373	1516	1551	1534	1544	180
2022/11/15	09:44:00	0.000	1342	1380	1508	1520	1514	1543	180
2022/11/15	09:46:00	0.000	1352	1381	1512	1541	1527	1543	180
2022/11/15	09:48:00	0.000	1316	1380	1541	1559	1550	1544	180
2022/11/15	09:50:00	0.000	1284	1363	1519	1542	1531	1544	180
2022/11/15	09:52:00	0.000	1292	1354	1515	1521	1518	1543	180
2022/11/15	09:54:00	0.000	1332	1372	1518	1545	1532	1543	180
2022/11/15	09:56:00	0.000	1354	1390	1545	1569	1557	1543	180
2022/11/15	09:58:00	0.000	1332	1387	1555	1578	1567	1544	180
2022/11/15	10:00:00	0.000	1295	1364	1531	1555	1543	1544	180
2022/11/15	10:02:00	0.000	1291	1354	1506	1531	1519	1543	180
2022/11/15	10:04:00	0.000	1284	1348	1500	1518	1509	1543	180
2022/11/15	10:06:00	0.000	1288	1361	1512	1535	1524	1542	180
2022/11/15	10:08:00	0.000	1305	1382	1534	1589	1562	1542	180
2022/11/15	10:10:00	0.000	1346	1388	1581	1601	1591	1543	180
2022/11/15	10:12:00	0.000	1339	1376	1547	1581	1564	1543	180
2022/11/15	10:14:00	0.000	1343	1384	1547	1563	1555	1543	180
2022/11/15	10:16:00	0.000	1336	1379	1526	1561	1544	1544	180
2022/11/15	10:18:00	0.000	1336	1380	1526	1534	1530	1544	180
2022/11/15	10:20:00	0.000	1331	1366	1523	1537	1530	1544	180
2022/11/15	10:22:00	0.000	1342	1384	1522	1539	1531	1544	180
2022/11/15	10:24:00	0.000	1327	1372	1524	1550	1537	1544	180
2022/11/15	10:26:00	0.000	1326	1376	1540	1561	1551	1544	180
2022/11/15	10:28:00	0.000	1336	1380	1555	1563	1559	1544	180
2022/11/15	10:30:00	0.000	1332	1381	1550	1563	1557	1544	180
2022/11/15	10:32:00	0.000	1332	1370	1547	1562	1555	1544	180
2022/11/15	10:34:00	0.000	1328	1370	1539	1560	1550	1544	180
2022/11/15	10:36:00	0.000	1332	1366	1524	1541	1533	1543	180
2022/11/15	10:38:00	0.000	1331	1380	1520	1531	1526	1543	180
2022/11/15	10:40:00	0.000	1328	1383	1510	1528	1519	1543	180
2022/11/15	10:42:00	0.000	1319	1374	1518	1542	1530	1543	180
2022/11/15	10:44:00	0.000	1328	1380	1541	1555	1548	1543	180
2022/11/15	10:46:00	0.000	1310	1438	1541	1558	1550	1543	180
2022/11/15	10:48:00	0.000	1429	1504	1551	1657	1604	1544	180
2022/11/15	10:50:00	0.000	1478	1519	1537	1655	1596	1545	180
2022/11/15	10:52:00	0.000	1507	1529	1512	1537	1525	1545	180
2022/11/15	10:54:00	0.000	1485	1527	1494	1512	1503	1544	180
2022/11/15	10:56:00	0.000	1482	1508	1497	1520	1509	1543	180
2022/11/15	10:58:00	0.000	1471	1506	1520	1555	1538	1543	180
2022/11/15	11:00:00	0.000	1460	1508	1555	1570	1563	1544	180
2022/11/15	11:02:00	0.000	1488	1514	1569	1598	1584	1544	180
2022/11/15	11:04:00	0.000	1482	1524	1547	1587	1567	1544	180
2022/11/15	11:06:00	0.000	1512	1541	1537	1559	1548	1545	180
2022/11/15	11:08:00	0.000	1508	1545	1545	1576	1561	1545	180
2022/11/15	11:10:00	0.000	1506	1529	1526	1560	1543	1545	180
2022/11/15	11:12:00	0.000	1497	1527	1523	1531	1527	1545	180
2022/11/15	11:14:00	0.000	1474	1515	1515	1534	1525	1545	180
2022/11/15	11:16:00	0.000	1487	1519	1514	1530	1522	1545	180
2022/11/15	11:18:00	0.000	1488	1525	1525	1538	1532	1544	180
2022/11/15	11:20:00	0.000	1501	1536	1524	1533	1529	1544	180
2022/11/15	11:22:00	0.000	1525	1546	1533	1559	1546	1544	180
2022/11/15	11:24:00	0.000	1501	1556	1547	1577	1562	1544	180
2022/11/15	11:26:00	0.000	1503	1538	1530	1572	1551	1544	180
2022/11/15	11:28:00	0.000	1482	1525	1495	1530	1513	1544	180
2022/11/15	11:30:00	0.000	1482	1523	1501	1560	1531	1544	180
2022/11/15	11:32:00	0.000	1512	1534	1560	1593	1577	1544	180
2022/11/15	11:34:00	0.000	1511	1540	1560	1584	1572	1544	180
2022/11/15	11:36:00	0.000	1524	1552	1545	1573	1559	1544	180
2022/11/15	11:38:00	0.000	1514	1548	1541	1555	1548	1545	180
2022/11/15	11:40:00	0.000	1512	1549	1541	1553	1547	1545	180
2022/11/15	11:42:00	0.000	1504	1542	1523	1550	1537	1545	180
2022/11/15	11:44:00	0.000	1504	1532	1480	1523	1502	1544	180
2022/11/15	11:46:00	0.000	1507	1541	1510	1549	1530	1544	180
2022/11/15	11:48:00	0.000	1497	1530	1517	1547	1532	1544	180
2022/11/15	11:50:00	0.000	1505	1534	1518	1535	1527	1543	180
2022/11/15	11:52:00	0.000	1498	1538	1533	1547	1540	1543	180
2022/11/15	11:54:00	0.000	1508	1546	1497	1544	1521	1543	180
2022/11/15	11:56:00	0.000	1524	1549	1512	1537	1525	1543	180
2022/11/15	11:58:00	0.000	1524	1556	1531	1575	1553	1543	180
2022/11/15	12:00:00	0.000	1537	1564	1575	1611	1593	1544	180

2022/11/15	12:02:00	0.000	1519	1552	1566	1599	1583	1544	180
2022/11/15	12:04:00	0.000	1519	1554	1551	1566	1559	1545	180
2022/11/15	12:06:00	0.000	1524	1550	1522	1554	1538	1545	180
2022/11/15	12:08:00	0.000	1516	1539	1512	1525	1519	1544	180
2022/11/15	12:10:00	0.000	1510	1541	1516	1537	1527	1544	180
2022/11/15	12:12:00	0.000	1515	1542	1523	1541	1532	1543	180
2022/11/15	12:14:00	0.000	1510	1539	1539	1573	1556	1543	180
2022/11/15	12:16:00	0.000	1510	1543	1528	1575	1552	1543	180
2022/11/15	12:18:00	0.000	1523	1556	1528	1553	1541	1543	180
2022/11/15	12:20:00	0.000	1511	1548	1537	1565	1551	1543	180
2022/11/15	12:22:00	0.000	1526	1563	1551	1568	1560	1543	180
2022/11/15	12:24:00	0.000	1532	1565	1555	1580	1568	1544	180
2022/11/15	12:26:00	0.000	1535	1557	1542	1556	1549	1545	180
2022/11/15	12:28:00	0.000	1519	1556	1501	1542	1522	1544	180
2022/11/15	12:30:00	0.000	1526	1551	1497	1512	1505	1543	180
2022/11/15	12:32:00	0.000	1519	1550	1510	1542	1526	1543	180
2022/11/15	12:34:00	0.000	1519	1541	1491	1550	1521	1543	180
2022/11/15	12:36:00	0.000	1501	1538	1491	1522	1507	1542	180
2022/11/15	12:38:00	0.000	1504	1533	1522	1580	1551	1542	180
2022/11/15	12:40:00	0.000	1506	1543	1575	1596	1586	1542	180
2022/11/15	12:42:00	0.000	1523	1558	1550	1593	1572	1543	180
2022/11/15	12:44:00	0.000	1538	1567	1535	1566	1551	1543	180
2022/11/15	12:46:00	0.000	1512	1552	1541	1555	1548	1543	180
2022/11/15	12:48:00	0.000	1491	1545	1502	1547	1525	1543	180
2022/11/15	12:50:00	0.000	1516	1543	1477	1535	1506	1543	180
2022/11/15	12:52:00	0.000	1527	1563	1535	1566	1551	1543	180
2022/11/15	12:54:00	0.000	1534	1578	1535	1567	1551	1544	180
2022/11/15	12:56:00	0.000	1534	1562	1485	1535	1510	1543	180
2022/11/15	12:58:00	0.000	1522	1560	1510	1547	1529	1543	180
2022/11/15	13:00:00	0.000	1523	1561	1547	1578	1563	1543	180
2022/11/15	13:02:00	0.000	1519	1543	1523	1569	1546	1543	180
2022/11/15	13:04:00	0.000	1512	1545	1531	1550	1541	1543	180
2022/11/15	13:06:00	0.000	1512	1541	1493	1531	1512	1543	180
2022/11/15	13:08:00	0.000	1498	1534	1520	1549	1535	1543	180
2022/11/15	13:10:00	0.000	1512	1549	1549	1587	1568	1543	180
2022/11/15	13:12:00	0.000	1515	1538	1572	1587	1580	1543	180
2022/11/15	13:14:00	0.000	1528	1553	1568	1586	1577	1543	180
2022/11/15	13:16:00	0.000	1523	1556	1545	1568	1557	1543	180
2022/11/15	13:18:00	0.000	1531	1565	1532	1566	1549	1544	180
2022/11/15	13:20:00	0.000	1531	1569	1496	1532	1514	1543	180
2022/11/15	13:22:00	0.000	1519	1561	1509	1525	1517	1543	180
2022/11/15	13:24:00	0.000	1522	1549	1514	1539	1527	1543	180
2022/11/15	13:26:00	0.000	1499	1533	1528	1550	1539	1543	180
2022/11/15	13:28:00	0.000	1516	1549	1547	1566	1557	1543	180
2022/11/15	13:30:00	0.000	1512	1557	1550	1566	1558	1543	180
2022/11/15	13:32:00	0.000	1531	1564	1553	1566	1560	1543	180
2022/11/15	13:34:00	0.000	1538	1574	1538	1564	1551	1543	180
2022/11/15	13:36:00	0.000	1530	1565	1525	1545	1535	1543	180
2022/11/15	13:38:00	0.000	1519	1546	1528	1567	1548	1543	180
2022/11/15	13:40:00	0.000	1501	1549	1510	1555	1533	1543	180
2022/11/15	13:42:00	0.000	1527	1559	1518	1551	1535	1543	180
2022/11/15	13:44:00	0.000	1541	1581	1536	1551	1544	1543	180
2022/11/15	13:46:00	0.000	1545	1578	1535	1568	1552	1543	180
2022/11/15	13:48:00	0.000	1539	1566	1504	1535	1520	1543	180
2022/11/15	13:50:00	0.000	1525	1556	1513	1534	1524	1542	180
2022/11/15	13:52:00	0.000	1516	1549	1534	1544	1539	1542	180
2022/11/15	13:54:00	0.000	1521	1544	1536	1545	1541	1542	180
2022/11/15	13:56:00	0.000	1517	1554	1545	1572	1559	1543	180
2022/11/15	13:58:00	0.000	1538	1560	1549	1597	1573	1543	180
2022/11/15	14:00:00	0.000	1534	1578	1568	1593	1581	1543	180
2022/11/15	14:02:00	0.000	1532	1576	1502	1572	1537	1543	180
2022/11/15	14:04:00	0.000	1514	1553	1496	1508	1502	1542	180
2022/11/15	14:06:00	0.000	1508	1538	1501	1519	1510	1542	180
2022/11/15	14:08:00	0.000	1523	1547	1501	1551	1526	1541	180
2022/11/15	14:10:00	0.000	1522	1560	1547	1560	1554	1542	180
2022/11/15	14:12:00	0.000	1531	1570	1550	1569	1560	1542	180
2022/11/15	14:14:00	0.000	1546	1568	1548	1570	1559	1542	180
2022/11/15	14:16:00	0.000	1536	1570	1551	1563	1557	1543	180
2022/11/15	14:18:00	0.000	1542	1561	1537	1572	1555	1543	180
2022/11/15	14:20:00	0.000	1520	1556	1513	1537	1525	1543	180
2022/11/15	14:22:00	0.000	1523	1556	1504	1533	1519	1543	180
2022/11/15	14:24:00	0.000	1524	1545	1504	1518	1511	1542	180
2022/11/15	14:26:00	0.000	1515	1552	1518	1547	1533	1542	180
2022/11/15	14:28:00	0.000	1522	1545	1547	1582	1565	1542	180

2022/11/15	14:30:00	0.000	1510	1538	1547	1581	1564	1543	180
2022/11/15	14:32:00	0.000	1519	1552	1545	1563	1554	1542	180
2022/11/15	14:34:00	0.000	1519	1562	1528	1566	1547	1542	180
2022/11/15	14:36:00	0.000	1541	1576	1533	1580	1557	1542	180
2022/11/15	14:38:00	0.000	1539	1561	1531	1544	1538	1542	180
2022/11/15	14:40:00	0.000	1527	1555	1510	1537	1524	1542	180
2022/11/15	14:42:00	0.000	1525	1552	1512	1539	1526	1542	180
2022/11/15	14:44:00	0.000	1510	1541	1515	1539	1527	1542	180
2022/11/15	14:46:00	0.000	1516	1545	1520	1539	1530	1542	180
2022/11/15	14:48:00	0.000	1515	1552	1520	1572	1546	1542	180
2022/11/15	14:50:00	0.000	1527	1560	1567	1582	1575	1543	180
2022/11/15	14:52:00	0.000	1545	1574	1561	1582	1572	1543	180
2022/11/15	14:54:00	0.000	1538	1565	1541	1582	1562	1543	180
2022/11/15	14:56:00	0.000	1531	1563	1518	1541	1530	1544	180
2022/11/15	14:58:00	0.000	1525	1555	1474	1535	1505	1543	180
2022/11/15	15:00:00	0.000	1510	1537	1466	1507	1487	1542	180
2022/11/15	15:02:00	0.000	1522	1551	1506	1527	1517	1541	180
2022/11/15	15:04:00	0.000	1508	1541	1512	1539	1526	1541	180
2022/11/15	15:06:00	0.000	1501	1543	1528	1544	1536	1541	180
2022/11/15	15:08:00	0.000	1492	1534	1542	1570	1556	1541	180
2022/11/15	15:10:00	0.000	1518	1543	1570	1611	1591	1542	180
2022/11/15	15:12:00	0.000	1524	1563	1586	1597	1592	1542	180
2022/11/15	15:14:00	0.000	1527	1563	1563	1593	1578	1543	180
2022/11/15	15:16:00	0.000	1538	1564	1553	1582	1568	1543	180
2022/11/15	15:18:00	0.000	1531	1556	1458	1553	1506	1542	180
2022/11/15	15:20:00	0.000	1516	1551	1480	1532	1506	1542	180
2022/11/15	15:22:00	0.000	1512	1548	1499	1533	1516	1542	180
2022/11/15	15:24:00	0.000	1517	1549	1525	1541	1533	1541	180
2022/11/15	15:26:00	0.000	1516	1541	1520	1532	1526	1541	180
2022/11/15	15:28:00	0.000	1505	1538	1532	1554	1543	1541	180
2022/11/15	15:30:00	0.000	1507	1536	1541	1567	1554	1542	180
2022/11/15	15:32:00	0.000	1499	1541	1563	1572	1568	1542	180
2022/11/15	15:34:00	0.000	1516	1539	1549	1572	1561	1543	180
2022/11/15	15:36:00	0.000	1517	1549	1523	1566	1545	1543	180
2022/11/15	15:38:00	0.000	1518	1554	1504	1536	1520	1543	180
2022/11/15	15:40:00	0.000	1531	1559	1508	1539	1524	1542	180
2022/11/15	15:42:00	0.000	1527	1570	1494	1542	1518	1541	180
2022/11/15	15:44:00	0.000	1540	1574	1542	1601	1572	1542	180
2022/11/15	15:46:00	0.000	1525	1555	1538	1597	1568	1542	180
2022/11/15	15:48:00	0.000	1517	1546	1520	1567	1544	1542	180
2022/11/15	15:50:00	0.000	1514	1545	1518	1530	1524	1542	180
2022/11/15	15:52:00	0.000	1492	1526	1491	1529	1510	1542	180
2022/11/15	15:54:00	0.000	1515	1539	1500	1578	1539	1542	180
2022/11/15	15:56:00	0.000	1519	1544	1547	1586	1567	1542	180
2022/11/15	15:58:00	0.000	1524	1552	1487	1547	1517	1542	180
2022/11/15	16:00:00	0.000	1541	1568	1487	1520	1504	1541	180
2022/11/15	16:02:00	0.000	1512	1563	1520	1545	1533	1541	180
2022/11/15	16:04:00	0.000	1516	1552	1524	1564	1544	1541	180
2022/11/15	16:06:00	0.000	1503	1535	1530	1564	1547	1542	180
2022/11/15	16:08:00	0.000	1503	1527	1529	1557	1543	1542	180
2022/11/15	16:10:00	0.000	1511	1546	1553	1601	1577	1542	180
2022/11/15	16:12:00	0.000	1513	1549	1553	1594	1574	1542	180
2022/11/15	16:14:00	0.000	1521	1556	1513	1553	1533	1541	180
2022/11/15	16:16:00	0.000	1532	1559	1512	1571	1542	1541	180
2022/11/15	16:18:00	0.000	1516	1559	1571	1603	1587	1542	180
2022/11/15	16:20:00	0.000	1512	1541	1523	1574	1549	1542	180
2022/11/15	16:22:00	0.000	1493	1531	1513	1534	1524	1542	180
2022/11/15	16:24:00	0.000	1494	1531	1507	1537	1522	1542	180
2022/11/15	16:26:00	0.000	1506	1539	1537	1551	1544	1542	180
2022/11/15	16:28:00	0.000	1510	1556	1549	1566	1558	1542	180
2022/11/15	16:30:00	0.000	1492	1538	1533	1566	1550	1542	180
2022/11/15	16:32:00	0.000	1496	1531	1537	1550	1544	1542	180
2022/11/15	16:34:00	0.000	1491	1519	1516	1541	1529	1542	180
2022/11/15	16:36:00	0.000	1496	1521	1541	1547	1544	1542	180
2022/11/15	16:38:00	0.000	1506	1534	1527	1550	1539	1542	180
2022/11/15	16:40:00	0.000	1499	1527	1534	1553	1544	1542	180
2022/11/15	16:42:00	0.000	1509	1538	1535	1568	1552	1542	180
2022/11/15	16:44:00	0.000	1497	1538	1531	1566	1549	1542	180
2022/11/15	16:46:00	0.000	1499	1535	1529	1541	1535	1542	180
2022/11/15	16:48:00	0.000	1510	1544	1532	1569	1551	1542	180
2022/11/15	16:50:00	0.000	1504	1539	1560	1580	1570	1543	180
2022/11/15	16:52:00	0.000	1522	1545	1545	1568	1557	1543	180
2022/11/15	16:54:00	0.000	1506	1545	1528	1549	1539	1543	180
2022/11/15	16:56:00	0.000	1523	1552	1510	1544	1527	1542	180

2022/11/15	16:58:00	0.000	1520	1547	1512	1548	1530	1542	180
2022/11/15	17:00:00	0.000	1508	1539	1528	1550	1539	1542	180
2022/11/15	17:02:00	0.000	1516	1538	1527	1553	1540	1542	180
2022/11/15	17:04:00	0.000	1496	1542	1514	1561	1538	1542	180
2022/11/15	17:06:00	0.000	1500	1531	1510	1537	1524	1542	180
2022/11/15	17:08:00	0.000	1497	1525	1508	1555	1532	1542	180
2022/11/15	17:10:00	0.000	1488	1525	1555	1574	1565	1542	180
2022/11/15	17:12:00	0.000	1488	1521	1538	1560	1549	1542	180
2022/11/15	17:14:00	0.000	1475	1522	1520	1539	1530	1542	180
2022/11/15	17:16:00	0.000	1480	1509	1526	1542	1534	1542	180
2022/11/15	17:18:00	0.000	1490	1526	1541	1570	1556	1542	180
2022/11/15	17:20:00	0.000	1492	1527	1551	1576	1564	1542	180
2022/11/15	17:22:00	0.000	1506	1533	1524	1551	1538	1542	180
2022/11/15	17:24:00	0.000	1506	1534	1523	1547	1535	1543	180
2022/11/15	17:26:00	0.000	1504	1543	1533	1566	1550	1543	180
2022/11/15	17:28:00	0.000	1509	1534	1542	1560	1551	1543	180
2022/11/15	17:30:00	0.000	1503	1544	1520	1542	1531	1542	180
2022/11/15	17:32:00	0.000	1516	1538	1528	1564	1546	1542	180
2022/11/15	17:34:00	0.000	1501	1534	1541	1561	1551	1542	180
2022/11/15	17:36:00	0.000	1506	1538	1541	1556	1549	1542	180
2022/11/15	17:38:00	0.000	1506	1533	1553	1566	1560	1542	180
2022/11/15	17:40:00	0.000	1508	1531	1511	1561	1536	1542	180
2022/11/15	17:42:00	0.000	1515	1534	1508	1522	1515	1542	180
2022/11/15	17:44:00	0.000	1502	1529	1500	1518	1509	1542	180
2022/11/15	17:46:00	0.000	1503	1536	1510	1541	1526	1542	180
2022/11/15	17:48:00	0.000	1504	1527	1527	1551	1539	1542	180
2022/11/15	17:50:00	0.000	1504	1527	1528	1556	1542	1542	180
2022/11/15	17:52:00	0.000	1514	1536	1528	1573	1551	1541	180
2022/11/15	17:54:00	0.000	1499	1527	1562	1578	1570	1541	180
2022/11/15	17:56:00	0.000	1503	1532	1539	1562	1551	1542	180
2022/11/15	17:58:00	0.000	1499	1522	1508	1539	1524	1542	180
2022/11/15	18:00:00	0.000	1499	1532	1520	1542	1531	1542	180
2022/11/15	18:02:00	0.000	1497	1526	1528	1539	1534	1543	180
2022/11/15	18:04:00	0.000	1499	1529	1531	1566	1549	1543	180
2022/11/15	18:06:00	0.000	1485	1523	1544	1561	1553	1543	180
2022/11/15	18:08:00	0.000	1502	1525	1554	1566	1560	1543	180
2022/11/15	18:10:00	0.000	1489	1521	1537	1564	1551	1543	180
2022/11/15	18:12:00	0.000	1496	1530	1534	1547	1541	1542	180
2022/11/15	18:14:00	0.000	1493	1527	1547	1571	1559	1542	180
2022/11/15	18:16:00	0.000	1485	1527	1527	1569	1548	1542	180
2022/11/15	18:18:00	0.000	1493	1524	1516	1527	1522	1542	180
2022/11/15	18:20:00	0.000	1496	1527	1523	1538	1531	1542	180
2022/11/15	18:22:00	0.000	1491	1525	1523	1545	1534	1542	180
2022/11/15	18:24:00	0.000	1496	1527	1522	1548	1535	1542	180
2022/11/15	18:26:00	0.000	1482	1530	1525	1556	1541	1543	180
2022/11/15	18:28:00	0.000	1501	1524	1525	1547	1536	1542	180
2022/11/15	18:30:00	0.000	1492	1522	1547	1566	1557	1542	180
2022/11/15	18:32:00	0.000	1497	1524	1549	1576	1563	1542	180
2022/11/15	18:34:00	0.000	1493	1519	1529	1576	1553	1542	180
2022/11/15	18:36:00	0.000	1493	1522	1534	1563	1549	1542	180
2022/11/15	18:38:00	0.000	1491	1516	1522	1545	1534	1543	180
2022/11/15	18:40:00	0.000	1484	1519	1525	1539	1532	1543	180
2022/11/15	18:42:00	0.000	1493	1519	1531	1551	1541	1543	180
2022/11/15	18:44:00	0.000	1488	1519	1545	1555	1550	1543	180
2022/11/15	18:46:00	0.000	1493	1516	1542	1555	1549	1542	180
2022/11/15	18:48:00	0.000	1479	1515	1535	1550	1543	1542	180
2022/11/15	18:50:00	0.000	1486	1519	1539	1568	1554	1543	180
2022/11/15	18:52:00	0.000	1477	1508	1536	1568	1552	1543	180
2022/11/15	18:54:00	0.000	1489	1523	1538	1560	1549	1543	180
2022/11/15	18:56:00	0.000	1482	1512	1516	1542	1529	1543	180
2022/11/15	18:58:00	0.000	1477	1514	1524	1547	1536	1543	180
2022/11/15	19:00:00	0.000	1474	1512	1528	1542	1535	1543	180
2022/11/15	19:02:00	0.000	1479	1516	1529	1540	1535	1543	180
2022/11/15	19:04:00	0.000	1474	1509	1518	1539	1529	1543	180
2022/11/15	19:06:00	0.000	1477	1508	1537	1549	1543	1543	180
2022/11/15	19:08:00	0.000	1482	1510	1533	1548	1541	1543	180
2022/11/15	19:10:00	0.000	1480	1510	1520	1550	1535	1543	180
2022/11/15	19:12:00	0.000	1480	1512	1520	1556	1538	1542	180
2022/11/15	19:14:00	0.000	1468	1501	1556	1574	1565	1543	180
2022/11/15	19:16:00	0.000	1482	1512	1547	1582	1565	1543	180
2022/11/15	19:18:00	0.000	1474	1508	1532	1580	1556	1543	180
2022/11/15	19:20:00	0.000	1480	1512	1522	1539	1531	1542	180
2022/11/15	19:22:00	0.000	1477	1507	1515	1529	1522	1542	180
2022/11/15	19:24:00	0.000	1475	1507	1512	1533	1523	1542	180

2022/11/15	19:26:00	0.000	1474	1516	1533	1576	1555	1543	180
2022/11/15	19:28:00	0.000	1484	1515	1571	1588	1580	1543	180
2022/11/15	19:30:00	0.000	1491	1526	1536	1571	1554	1543	180
2022/11/15	19:32:00	0.000	1500	1527	1539	1570	1555	1543	180
2022/11/15	19:34:00	0.000	1501	1536	1539	1564	1552	1543	180
2022/11/15	19:36:00	0.000	1490	1527	1505	1564	1535	1543	180
2022/11/15	19:38:00	0.000	1486	1514	1499	1523	1511	1543	180
2022/11/15	19:40:00	0.000	1453	1499	1510	1531	1521	1543	180
2022/11/15	19:42:00	0.000	1479	1512	1531	1574	1553	1543	180
2022/11/15	19:44:00	0.000	1483	1519	1573	1586	1580	1543	180
2022/11/15	19:46:00	0.000	1497	1525	1556	1592	1574	1543	180
2022/11/15	19:48:00	0.000	1492	1524	1533	1560	1547	1543	180
2022/11/15	19:50:00	0.000	1486	1521	1527	1541	1534	1543	180
2022/11/15	19:52:00	0.000	1482	1508	1496	1532	1514	1542	180
2022/11/15	19:54:00	0.000	1472	1510	1508	1531	1520	1542	180
2022/11/15	19:56:00	0.000	1473	1499	1531	1550	1541	1542	180
2022/11/15	19:58:00	0.000	1468	1499	1536	1551	1544	1542	180
2022/11/15	20:00:00	0.000	1465	1496	1535	1552	1544	1543	180
2022/11/15	20:02:00	0.000	1472	1505	1546	1553	1550	1543	180
2022/11/15	20:04:00	0.000	1479	1514	1541	1556	1549	1543	180
2022/11/15	20:06:00	0.000	1485	1518	1546	1573	1560	1543	180
2022/11/15	20:08:00	0.000	1472	1527	1537	1566	1552	1543	180
2022/11/15	20:10:00	0.000	1496	1530	1548	1570	1559	1543	180
2022/11/15	20:12:00	0.000	1486	1515	1524	1548	1536	1543	180
2022/11/15	20:14:00	0.000	1482	1515	1510	1533	1522	1543	180
2022/11/15	20:16:00	0.000	1471	1493	1500	1514	1507	1543	180
2022/11/15	20:18:00	0.000	1453	1503	1499	1572	1536	1543	180
2022/11/15	20:20:00	0.000	1464	1492	1548	1568	1558	1543	180
2022/11/15	20:22:00	0.000	1475	1503	1554	1571	1563	1543	180
2022/11/15	20:24:00	0.000	1482	1505	1539	1554	1547	1543	180
2022/11/15	20:26:00	0.000	1479	1507	1544	1554	1549	1543	180
2022/11/15	20:28:00	0.000	1491	1519	1538	1553	1546	1543	180
2022/11/15	20:30:00	0.000	1488	1525	1547	1564	1556	1543	180
2022/11/15	20:32:00	0.000	1491	1524	1537	1548	1543	1543	180
2022/11/15	20:34:00	0.000	1491	1512	1531	1542	1537	1543	180
2022/11/15	20:36:00	0.000	1471	1524	1497	1533	1515	1543	180
2022/11/15	20:38:00	0.000	1476	1507	1499	1527	1513	1542	180
2022/11/15	20:40:00	0.000	1492	1515	1522	1538	1530	1542	180
2022/11/15	20:42:00	0.000	1445	1510	1508	1533	1521	1542	180
2022/11/15	20:44:00	0.000	1395	1453	1500	1515	1508	1542	180
2022/11/15	20:46:00	0.000	1378	1421	1487	1508	1498	1542	180
2022/11/15	20:48:00	0.000	1368	1409	1506	1524	1515	1541	180
2022/11/15	20:50:00	0.000	1350	1408	1524	1562	1543	1541	180
2022/11/15	20:52:00	0.000	1378	1422	1562	1590	1576	1542	180
2022/11/15	20:54:00	0.000	1388	1424	1526	1570	1548	1541	180
2022/11/15	20:56:00	0.000	1396	1437	1525	1572	1549	1541	180
2022/11/15	20:58:00	0.000	1392	1439	1561	1576	1569	1542	180
2022/11/15	21:00:00	0.000	1417	1447	1561	1574	1568	1542	180
2022/11/15	21:02:00	0.000	1397	1435	1539	1561	1550	1543	180
2022/11/15	21:04:00	0.000	1386	1424	1512	1539	1526	1542	180
2022/11/15	21:06:00	0.000	1391	1428	1517	1538	1528	1542	180
2022/11/15	21:08:00	0.000	1372	1419	1504	1538	1521	1542	180
2022/11/15	21:10:00	0.000	1373	1417	1509	1555	1532	1541	180
2022/11/15	21:12:00	0.000	1368	1402	1518	1556	1537	1541	180
2022/11/15	21:14:00	0.000	1372	1409	1518	1551	1535	1541	180
2022/11/15	21:16:00	0.000	1364	1398	1533	1552	1543	1541	180
2022/11/15	21:18:00	0.000	1365	1415	1539	1556	1548	1541	180
2022/11/15	21:20:00	0.000	1370	1409	1536	1563	1550	1542	180
2022/11/15	21:22:00	0.000	1378	1422	1536	1550	1543	1542	180
2022/11/15	21:24:00	0.000	1373	1419	1543	1566	1555	1542	180
2022/11/15	21:26:00	0.000	1383	1420	1561	1575	1568	1542	180
2022/11/15	21:28:00	0.000	1374	1423	1534	1561	1548	1542	180
2022/11/15	21:30:00	0.000	1382	1417	1537	1554	1546	1542	180
2022/11/15	21:32:00	0.000	1376	1425	1529	1544	1537	1542	180
2022/11/15	21:34:00	0.000	1396	1425	1541	1559	1550	1542	180
2022/11/15	21:36:00	0.000	1392	1428	1523	1556	1540	1542	180
2022/11/15	21:38:00	0.000	1391	1428	1535	1553	1544	1542	180
2022/11/15	21:40:00	0.000	1383	1417	1512	1536	1524	1542	180
2022/11/15	21:42:00	0.000	1356	1414	1512	1527	1520	1542	180
2022/11/15	21:44:00	0.000	1349	1390	1506	1524	1515	1541	180
2022/11/15	21:46:00	0.000	1344	1389	1523	1541	1532	1541	180
2022/11/15	21:48:00	0.000	1347	1380	1522	1534	1528	1541	180
2022/11/15	21:50:00	0.000	1306	1382	1527	1545	1536	1541	180
2022/11/15	21:52:00	0.000	1371	1407	1527	1573	1550	1541	180



2022/11/15	21:54:00	0.000	1337	1396	1557	1576	1567	1541	180
2022/11/15	21:56:00	0.000	1357	1396	1553	1564	1559	1541	180
2022/11/15	21:58:00	0.000	1337	1388	1520	1560	1540	1541	180
2022/11/15	22:00:00	0.000	1343	1380	1519	1535	1527	1541	180
2022/11/15	22:02:00	0.000	1318	1369	1503	1528	1516	1541	180
2022/11/15	22:04:00	0.000	1334	1372	1503	1521	1512	1541	180
2022/11/15	22:06:00	0.000	1325	1380	1519	1545	1532	1541	180
2022/11/15	22:08:00	0.000	1334	1383	1541	1553	1547	1541	180
2022/11/15	22:10:00	0.000	1331	1387	1547	1562	1555	1541	180
2022/11/15	22:12:00	0.000	1354	1388	1547	1561	1554	1541	180
2022/11/15	22:14:00	0.000	1339	1392	1547	1574	1561	1541	180
2022/11/15	22:16:00	0.000	1356	1396	1542	1547	1545	1541	180
2022/11/15	22:18:00	0.000	1351	1385	1532	1542	1537	1541	180
2022/11/15	22:20:00	0.000	1336	1398	1532	1557	1545	1541	180
2022/11/15	22:22:00	0.000	1355	1392	1542	1555	1549	1541	180
2022/11/15	22:24:00	0.000	1360	1400	1536	1547	1542	1541	180
2022/11/15	22:26:00	0.000	1359	1394	1535	1546	1541	1541	180
2022/11/15	22:28:00	0.000	1361	1398	1542	1552	1547	1541	180
2022/11/15	22:30:00	0.000	1363	1396	1524	1542	1533	1540	180
2022/11/15	22:32:00	0.000	1343	1392	1523	1539	1531	1540	180
2022/11/15	22:34:00	0.000	1344	1387	1519	1535	1527	1540	180
2022/11/15	22:36:00	0.000	1335	1376	1518	1540	1529	1540	180
2022/11/15	22:38:00	0.000	1322	1369	1535	1543	1539	1540	180
2022/11/15	22:40:00	0.000	1323	1361	1528	1535	1532	1540	180
2022/11/15	22:42:00	0.000	1321	1376	1526	1558	1542	1540	180
2022/11/15	22:44:00	0.000	1347	1396	1558	1596	1577	1540	180
2022/11/15	22:46:00	0.000	1365	1453	1577	1596	1587	1540	180
2022/11/15	22:48:00	0.000	1438	1480	1589	1621	1605	1541	180
2022/11/15	22:50:00	0.000	1448	1484	1545	1607	1576	1541	180
2022/11/15	22:52:00	0.000	1468	1502	1540	1558	1549	1542	180
2022/11/15	22:54:00	0.000	1470	1497	1541	1558	1550	1542	180
2022/11/15	22:56:00	0.000	1472	1503	1533	1550	1542	1542	180
2022/11/15	22:58:00	0.000	1462	1495	1527	1558	1543	1542	180
2022/11/15	23:00:00	0.000	1471	1504	1558	1570	1564	1542	180
2022/11/15	23:02:00	0.000	1458	1501	1541	1565	1553	1542	180
2022/11/15	23:04:00	0.000	1462	1490	1528	1565	1547	1542	180
2022/11/15	23:06:00	0.000	1446	1490	1515	1535	1525	1542	180
2022/11/15	23:08:00	0.000	1468	1497	1528	1538	1533	1542	180
2022/11/15	23:10:00	0.000	1465	1507	1503	1537	1520	1541	180
2022/11/15	23:12:00	0.000	1458	1501	1534	1558	1546	1541	180
2022/11/15	23:14:00	0.000	1465	1499	1539	1556	1548	1542	180
2022/11/15	23:16:00	0.000	1468	1496	1539	1550	1545	1542	180
2022/11/15	23:18:00	0.000	1471	1500	1517	1554	1536	1542	180
2022/11/15	23:20:00	0.000	1471	1500	1544	1556	1550	1542	180
2022/11/15	23:22:00	0.000	1468	1507	1527	1549	1538	1542	180
2022/11/15	23:24:00	0.000	1441	1495	1531	1558	1545	1542	180
2022/11/15	23:26:00	0.000	1413	1450	1502	1533	1518	1541	180
2022/11/15	23:28:00	0.000	1391	1427	1513	1525	1519	1541	180
2022/11/15	23:30:00	0.000	1394	1426	1518	1527	1523	1541	180
2022/11/15	23:32:00	0.000	1380	1417	1521	1539	1530	1541	180
2022/11/15	23:34:00	0.000	1392	1426	1537	1554	1546	1541	180
2022/11/15	23:36:00	0.000	1372	1417	1539	1554	1547	1541	180
2022/11/15	23:38:00	0.000	1381	1424	1535	1547	1541	1541	180
2022/11/15	23:40:00	0.000	1372	1414	1525	1550	1538	1541	180
2022/11/15	23:42:00	0.000	1375	1413	1522	1539	1531	1542	180
2022/11/15	23:44:00	0.000	1372	1412	1535	1546	1541	1542	180
2022/11/15	23:46:00	0.000	1372	1411	1545	1553	1549	1542	180
2022/11/15	23:48:00	0.000	1351	1411	1530	1553	1542	1543	180
2022/11/15	23:50:00	0.000	1365	1407	1520	1541	1531	1543	180
2022/11/15	23:52:00	0.000	1361	1406	1532	1549	1541	1542	180
2022/11/15	23:54:00	0.000	1372	1406	1533	1550	1542	1542	180
2022/11/15	23:56:00	0.000	1358	1403	1523	1551	1537	1542	180
2022/11/15	23:58:00	0.000	1363	1404	1520	1555	1538	1542	180

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-7**

Date	Time	Ch. Tag Unit sec	CH02		CH05		Temperature average	3-hour		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		Temperature average	Cell count	
2022/11/16	00:00:00		0.000	1358	1400	1531	1562	1547	1541	180
2022/11/16	00:02:00		0.000	1363	1401	1507	1543	1525	1541	180
2022/11/16	00:04:00		0.000	1354	1407	1516	1542	1529	1541	180
2022/11/16	00:06:00		0.000	1358	1398	1542	1550	1546	1541	180
2022/11/16	00:08:00		0.000	1352	1402	1548	1576	1562	1542	180
2022/11/16	00:10:00		0.000	1352	1400	1560	1572	1566	1542	180
2022/11/16	00:12:00		0.000	1344	1403	1551	1571	1561	1543	180
2022/11/16	00:14:00		0.000	1365	1406	1518	1551	1535	1543	180
2022/11/16	00:16:00		0.000	1365	1407	1526	1545	1536	1542	180
2022/11/16	00:18:00		0.000	1361	1411	1528	1541	1535	1542	180
2022/11/16	00:20:00		0.000	1376	1417	1541	1546	1544	1542	180
2022/11/16	00:22:00		0.000	1373	1406	1518	1547	1533	1542	180
2022/11/16	00:24:00		0.000	1357	1404	1520	1532	1526	1542	180
2022/11/16	00:26:00		0.000	1344	1395	1516	1547	1532	1541	180
2022/11/16	00:28:00		0.000	1347	1396	1516	1542	1529	1541	180
2022/11/16	00:30:00		0.000	1341	1388	1542	1561	1552	1541	180
2022/11/16	00:32:00		0.000	1360	1392	1547	1561	1554	1541	180
2022/11/16	00:34:00		0.000	1354	1392	1550	1574	1562	1542	180
2022/11/16	00:36:00		0.000	1336	1388	1530	1550	1540	1542	180
2022/11/16	00:38:00		0.000	1344	1389	1526	1530	1528	1541	180
2022/11/16	00:40:00		0.000	1325	1376	1520	1528	1524	1541	180
2022/11/16	00:42:00		0.000	1323	1360	1515	1528	1522	1541	180
2022/11/16	00:44:00		0.000	1329	1370	1522	1541	1532	1542	180
2022/11/16	00:46:00		0.000	1313	1368	1522	1550	1536	1542	180
2022/11/16	00:48:00		0.000	1348	1382	1539	1570	1555	1542	180
2022/11/16	00:50:00		0.000	1347	1402	1570	1585	1578	1542	180
2022/11/16	00:52:00		0.000	1347	1384	1530	1585	1558	1543	180
2022/11/16	00:54:00		0.000	1346	1392	1527	1535	1531	1542	180
2022/11/16	00:56:00		0.000	1331	1368	1525	1533	1529	1542	180
2022/11/16	00:58:00		0.000	1333	1372	1511	1525	1518	1542	180
2022/11/16	01:00:00		0.000	1302	1368	1516	1525	1521	1541	180
2022/11/16	01:02:00		0.000	1344	1394	1523	1569	1546	1542	180
2022/11/16	01:04:00		0.000	1335	1389	1560	1571	1566	1542	180
2022/11/16	01:06:00		0.000	1335	1376	1543	1561	1552	1543	180
2022/11/16	01:08:00		0.000	1319	1363	1533	1543	1538	1543	180
2022/11/16	01:10:00		0.000	1293	1370	1531	1541	1536	1542	180
2022/11/16	01:12:00		0.000	1323	1354	1518	1533	1526	1542	180
2022/11/16	01:14:00		0.000	1310	1358	1516	1522	1519	1542	180
2022/11/16	01:16:00		0.000	1299	1347	1515	1536	1526	1541	180
2022/11/16	01:18:00		0.000	1336	1380	1536	1588	1562	1542	180
2022/11/16	01:20:00		0.000	1339	1382	1584	1588	1586	1542	180
2022/11/16	01:22:00		0.000	1344	1383	1559	1585	1572	1542	180
2022/11/16	01:24:00		0.000	1321	1372	1522	1564	1543	1542	180
2022/11/16	01:26:00		0.000	1335	1387	1517	1539	1528	1542	180
2022/11/16	01:28:00		0.000	1336	1379	1522	1545	1534	1542	180
2022/11/16	01:30:00		0.000	1341	1383	1518	1555	1537	1542	180
2022/11/16	01:32:00		0.000	1328	1381	1537	1555	1546	1542	180
2022/11/16	01:34:00		0.000	1342	1383	1542	1549	1546	1542	180
2022/11/16	01:36:00		0.000	1339	1383	1544	1555	1550	1543	180
2022/11/16	01:38:00		0.000	1347	1386	1550	1566	1558	1543	180
2022/11/16	01:40:00		0.000	1330	1370	1553	1563	1558	1543	180
2022/11/16	01:42:00		0.000	1340	1383	1539	1553	1546	1543	180
2022/11/16	01:44:00		0.000	1334	1369	1524	1547	1536	1543	180
2022/11/16	01:46:00		0.000	1328	1380	1517	1542	1530	1542	180
2022/11/16	01:48:00		0.000	1334	1380	1510	1548	1529	1541	180
2022/11/16	01:50:00		0.000	1335	1372	1531	1556	1544	1541	180
2022/11/16	01:52:00		0.000	1322	1372	1504	1531	1518	1541	180
2022/11/16	01:54:00		0.000	1323	1376	1513	1539	1526	1540	180
2022/11/16	01:56:00		0.000	1323	1370	1533	1555	1544	1540	180
2022/11/16	01:58:00		0.000	1325	1361	1555	1569	1562	1541	180
2022/11/16	02:00:00		0.000	1302	1363	1554	1569	1562	1541	180
2022/11/16	02:02:00		0.000	1318	1369	1558	1566	1562	1541	180
2022/11/16	02:04:00		0.000	1312	1369	1525	1561	1543	1541	180
2022/11/16	02:06:00		0.000	1321	1368	1533	1539	1536	1541	180
2022/11/16	02:08:00		0.000	1277	1366	1525	1538	1532	1541	180

2022/11/16	02:10:00	0.000	1333	1379	1538	1557	1548	1541	180
2022/11/16	02:12:00	0.000	1325	1374	1531	1555	1543	1541	180
2022/11/16	02:14:00	0.000	1336	1377	1540	1556	1548	1541	180
2022/11/16	02:16:00	0.000	1315	1363	1525	1558	1542	1541	180
2022/11/16	02:18:00	0.000	1325	1361	1525	1547	1536	1541	180
2022/11/16	02:20:00	0.000	1302	1359	1507	1547	1527	1541	180
2022/11/16	02:22:00	0.000	1305	1354	1504	1542	1523	1541	180
2022/11/16	02:24:00	0.000	1271	1384	1542	1572	1557	1541	180
2022/11/16	02:26:00	0.000	1346	1384	1572	1594	1583	1541	180
2022/11/16	02:28:00	0.000	1323	1378	1533	1574	1554	1542	180
2022/11/16	02:30:00	0.000	1323	1369	1523	1536	1530	1542	180
2022/11/16	02:32:00	0.000	1302	1355	1507	1528	1518	1542	180
2022/11/16	02:34:00	0.000	1325	1360	1518	1539	1529	1542	180
2022/11/16	02:36:00	0.000	1286	1358	1523	1549	1536	1541	180
2022/11/16	02:38:00	0.000	1316	1365	1535	1560	1548	1542	180
2022/11/16	02:40:00	0.000	1283	1356	1541	1558	1550	1542	180
2022/11/16	02:42:00	0.000	1328	1368	1547	1561	1554	1542	180
2022/11/16	02:44:00	0.000	1316	1365	1541	1561	1551	1542	180
2022/11/16	02:46:00	0.000	1331	1372	1545	1562	1554	1542	180
2022/11/16	02:48:00	0.000	1307	1372	1533	1548	1541	1542	180
2022/11/16	02:50:00	0.000	1333	1378	1539	1551	1545	1542	180
2022/11/16	02:52:00	0.000	1328	1378	1540	1569	1555	1542	180
2022/11/16	02:54:00	0.000	1328	1381	1539	1549	1544	1542	180
2022/11/16	02:56:00	0.000	1311	1380	1527	1542	1535	1542	180
2022/11/16	02:58:00	0.000	1325	1368	1516	1533	1525	1542	182
2022/11/16	03:00:00	0.000	1297	1367	1518	1537	1528	1542	180
2022/11/16	03:02:00	0.000	1302	1361	1512	1522	1517	1542	180
2022/11/16	03:04:00	0.000	1293	1357	1519	1547	1533	1542	180
2022/11/16	03:06:00	0.000	1304	1372	1521	1556	1539	1542	180
2022/11/16	03:08:00	0.000	1325	1376	1555	1578	1567	1542	180
2022/11/16	03:10:00	0.000	1333	1382	1565	1579	1572	1542	180
2022/11/16	03:12:00	0.000	1339	1382	1553	1568	1561	1542	180
2022/11/16	03:14:00	0.000	1310	1361	1512	1555	1534	1542	180
2022/11/16	03:16:00	0.000	1307	1363	1512	1522	1517	1542	180
2022/11/16	03:18:00	0.000	1297	1357	1506	1537	1522	1542	180
2022/11/16	03:20:00	0.000	1284	1360	1507	1537	1522	1541	180
2022/11/16	03:22:00	0.000	1333	1381	1537	1572	1555	1542	180
2022/11/16	03:24:00	0.000	1347	1400	1566	1598	1582	1542	180
2022/11/16	03:26:00	0.000	1306	1384	1523	1566	1545	1542	180
2022/11/16	03:28:00	0.000	1315	1358	1507	1523	1515	1542	180
2022/11/16	03:30:00	0.000	1284	1355	1507	1528	1518	1542	180
2022/11/16	03:32:00	0.000	1321	1391	1516	1563	1540	1542	180
2022/11/16	03:34:00	0.000	1344	1396	1563	1596	1580	1542	180
2022/11/16	03:36:00	0.000	1332	1369	1565	1585	1575	1542	180
2022/11/16	03:38:00	0.000	1328	1374	1516	1565	1541	1542	180
2022/11/16	03:40:00	0.000	1306	1369	1488	1516	1502	1542	180
2022/11/16	03:42:00	0.000	1317	1363	1493	1520	1507	1542	180
2022/11/16	03:44:00	0.000	1292	1354	1520	1545	1533	1542	180
2022/11/16	03:46:00	0.000	1306	1351	1528	1545	1537	1542	180
2022/11/16	03:48:00	0.000	1305	1363	1543	1561	1552	1542	180
2022/11/16	03:50:00	0.000	1332	1381	1548	1582	1565	1542	180
2022/11/16	03:52:00	0.000	1336	1394	1569	1586	1578	1542	180
2022/11/16	03:54:00	0.000	1334	1376	1548	1569	1559	1542	180
2022/11/16	03:56:00	0.000	1325	1372	1532	1549	1541	1542	180
2022/11/16	03:58:00	0.000	1302	1364	1508	1532	1520	1543	180
2022/11/16	04:00:00	0.000	1301	1358	1491	1512	1502	1542	180
2022/11/16	04:02:00	0.000	1314	1352	1512	1531	1522	1542	180
2022/11/16	04:04:00	0.000	1266	1365	1529	1552	1541	1542	180
2022/11/16	04:06:00	0.000	1351	1388	1551	1599	1575	1542	180
2022/11/16	04:08:00	0.000	1339	1384	1564	1589	1577	1542	180
2022/11/16	04:10:00	0.000	1335	1373	1523	1564	1544	1543	180
2022/11/16	04:12:00	0.000	1328	1376	1535	1539	1537	1543	180
2022/11/16	04:14:00	0.000	1301	1361	1520	1535	1528	1543	180
2022/11/16	04:16:00	0.000	1314	1365	1516	1549	1533	1543	180
2022/11/16	04:18:00	0.000	1288	1364	1526	1546	1536	1543	180
2022/11/16	04:20:00	0.000	1303	1361	1522	1535	1529	1542	180
2022/11/16	04:22:00	0.000	1331	1376	1535	1574	1555	1542	180
2022/11/16	04:24:00	0.000	1308	1383	1553	1563	1558	1542	180
2022/11/16	04:26:00	0.000	1347	1392	1562	1573	1568	1542	180
2022/11/16	04:28:00	0.000	1334	1376	1539	1564	1552	1543	180
2022/11/16	04:30:00	0.000	1332	1368	1509	1539	1524	1542	180
2022/11/16	04:32:00	0.000	1309	1364	1501	1515	1508	1542	180
2022/11/16	04:34:00	0.000	1301	1361	1510	1555	1533	1542	180
2022/11/16	04:36:00	0.000	1312	1351	1527	1551	1539	1542	180

2022/11/16	04:38:00	0.000	1302	1344	1532	1542	1537	1541	180
2022/11/16	04:40:00	0.000	1318	1368	1537	1561	1549	1541	180
2022/11/16	04:42:00	0.000	1321	1384	1559	1598	1579	1542	180
2022/11/16	04:44:00	0.000	1341	1379	1559	1593	1576	1542	180
2022/11/16	04:46:00	0.000	1333	1372	1541	1559	1550	1542	180
2022/11/16	04:48:00	0.000	1317	1360	1496	1541	1519	1542	180
2022/11/16	04:50:00	0.000	1286	1354	1504	1528	1516	1542	180
2022/11/16	04:52:00	0.000	1275	1349	1514	1527	1521	1542	180
2022/11/16	04:54:00	0.000	1310	1365	1523	1555	1539	1542	180
2022/11/16	04:56:00	0.000	1282	1372	1546	1563	1555	1542	180
2022/11/16	04:58:00	0.000	1325	1377	1563	1577	1570	1542	180
2022/11/16	05:00:00	0.000	1317	1361	1547	1575	1561	1542	180
2022/11/16	05:02:00	0.000	1317	1365	1528	1551	1540	1542	180
2022/11/16	05:04:00	0.000	1280	1368	1518	1545	1532	1542	180
2022/11/16	05:06:00	0.000	1323	1387	1527	1566	1547	1542	180
2022/11/16	05:08:00	0.000	1330	1368	1562	1569	1566	1543	180
2022/11/16	05:10:00	0.000	1312	1369	1541	1562	1552	1543	180
2022/11/16	05:12:00	0.000	1323	1363	1528	1549	1539	1543	180
2022/11/16	05:14:00	0.000	1316	1361	1518	1531	1525	1542	180
2022/11/16	05:16:00	0.000	1292	1347	1507	1523	1515	1542	180
2022/11/16	05:18:00	0.000	2	2266	1520	2114	1817	1545	180
2022/11/16	05:20:00	0.000	2	3	1017	2077	1547	1545	180
2022/11/16	05:22:00	0.000	3	3	672	1017	845	1538	180
2022/11/16	05:24:00	0.000	2	3	508	672	590	1527	180
2022/11/16	05:26:00	0.000	3	3	408	508	458	1515	180
2022/11/16	05:28:00	0.000	3	3	343	408	376	1501	180
2022/11/16	05:30:00	0.000	3	3	297	343	320	1488	180
2022/11/16	05:32:00	0.000	3	3	265	297	281	1474	180
2022/11/16	05:34:00	0.000	3	3	241	265	253	1460	180
2022/11/16	05:36:00	0.000	3	3	219	241	230	1446	180
2022/11/16	05:38:00	0.000	3	3	203	219	211	1431	180
2022/11/16	05:40:00	0.000	3	3	189	203	196	1416	180
2022/11/16	05:42:00	0.000	3	3	179	189	184	1400	180
2022/11/16	05:44:00	0.000	2	3	170	179	175	1385	180
2022/11/16	05:46:00	0.000	3	3	161	170	166	1370	180
2022/11/16	05:48:00	0.000	2	3	154	161	158	1354	180
2022/11/16	05:50:00	0.000	3	3	149	154	152	1339	180
2022/11/16	05:52:00	0.000	3	3	143	149	146	1323	180
2022/11/16	05:54:00	0.000	3	3	139	143	141	1308	180
2022/11/16	05:56:00	0.000	3	3	133	139	136	1292	180
2022/11/16	05:58:00	0.000	3	3	130	133	132	1277	180
2022/11/16	06:00:00	0.000	3	3	126	130	128	1261	180
2022/11/16	06:02:00	0.000	3	3	123	127	125	1246	180
2022/11/16	06:04:00	0.000	3	3	120	123	122	1230	180
2022/11/16	06:06:00	0.000	3	3	117	120	119	1214	180
2022/11/16	06:08:00	0.000	3	3	116	117	117	1198	180
2022/11/16	06:10:00	0.000	3	3	114	116	115	1182	180
2022/11/16	06:12:00	0.000	3	3	112	115	114	1166	180
2022/11/16	06:14:00	0.000	3	3	110	112	111	1150	180
2022/11/16	06:16:00	0.000	3	3	108	110	109	1134	180
2022/11/16	06:18:00	0.000	3	3	106	108	107	1119	180
2022/11/16	06:20:00	0.000	3	3	106	106	106	1103	180
2022/11/16	06:22:00	0.000	3	3	104	106	105	1087	180
2022/11/16	06:24:00	0.000	3	3	101	104	103	1070	180
2022/11/16	06:26:00	0.000	3	3	99	102	101	1054	180
2022/11/16	06:28:00	0.000	3	3	98	100	99	1039	180
2022/11/16	06:30:00	0.000	3	3	98	98	98	1023	180
2022/11/16	06:32:00	0.000	3	3	96	98	97	1007	180
2022/11/16	06:34:00	0.000	3	3	95	96	96	990	180
2022/11/16	06:36:00	0.000	3	3	94	96	95	974	180
2022/11/16	06:38:00	0.000	3	3	93	94	94	958	180
2022/11/16	06:40:00	0.000	3	3	91	93	92	942	180
2022/11/16	06:42:00	0.000	3	3	90	92	91	926	180
2022/11/16	06:44:00	0.000	3	2328	88	876	482	915	180
2022/11/16	06:46:00	0.000	2170	2206	876	1567	1222	911	180
2022/11/16	06:48:00	0.000	2184	2429	1512	1669	1591	912	180
2022/11/16	06:50:00	0.000	2427	2492	1669	1739	1704	913	180
2022/11/16	06:52:00	0.000	2255	2491	1691	1782	1737	915	180
2022/11/16	06:54:00	0.000	2260	2342	1603	1691	1647	916	180
2022/11/16	06:56:00	0.000	2337	2517	1620	1664	1642	917	180
2022/11/16	06:58:00	0.000	2476	2543	1664	1736	1700	919	180
2022/11/16	07:00:00	0.000	2515	2611	1725	1810	1768	922	180
2022/11/16	07:02:00	0.000	2434	2524	1739	1800	1770	925	180
2022/11/16	07:04:00	0.000	2431	2537	1728	1797	1763	927	180

2022/11/16	07:06:00	0.000	2290	2482	1674	1787	1731	929	180
2022/11/16	07:08:00	0.000	2179	2446	1523	1674	1599	929	180
2022/11/16	07:10:00	0.000	2446	2538	1539	1741	1640	930	180
2022/11/16	07:12:00	0.000	2469	2522	1686	1750	1718	932	180
2022/11/16	07:14:00	0.000	2474	2546	1704	1744	1724	934	180
2022/11/16	07:16:00	0.000	2374	2482	1632	1745	1689	936	180
2022/11/16	07:18:00	0.000	2303	2376	1566	1632	1599	937	180
2022/11/16	07:20:00	0.000	2161	2309	1529	1566	1548	937	180
2022/11/16	07:22:00	0.000	2148	2283	1462	1529	1496	936	180
2022/11/16	07:24:00	0.000	2277	2293	1492	1523	1508	936	180
2022/11/16	07:26:00	0.000	2188	2287	1495	1541	1518	935	180
2022/11/16	07:28:00	0.000	2222	2271	1491	1515	1503	935	180
2022/11/16	07:30:00	0.000	2181	2236	1515	1554	1535	935	180
2022/11/16	07:32:00	0.000	2184	2260	1530	1583	1557	935	180
2022/11/16	07:34:00	0.000	2250	2269	1567	1599	1583	936	180
2022/11/16	07:36:00	0.000	2225	2259	1542	1567	1555	936	180
2022/11/16	07:38:00	0.000	2224	2256	1539	1572	1556	936	180
2022/11/16	07:40:00	0.000	2158	2258	1470	1597	1534	936	180
2022/11/16	07:42:00	0.000	2166	2257	1431	1537	1484	935	180
2022/11/16	07:44:00	0.000	2227	2260	1537	1613	1575	935	180
2022/11/16	07:46:00	0.000	2229	2258	1570	1614	1592	936	180
2022/11/16	07:48:00	0.000	2170	2268	1566	1587	1577	936	180
2022/11/16	07:50:00	0.000	2122	2235	1469	1566	1518	936	180
2022/11/16	07:52:00	0.000	2233	2283	1491	1545	1518	936	180
2022/11/16	07:54:00	0.000	2136	2281	1523	1581	1552	936	180
2022/11/16	07:56:00	0.000	2188	2261	1520	1569	1545	936	180
2022/11/16	07:58:00	0.000	2188	2294	1553	1568	1561	936	180
2022/11/16	08:00:00	0.000	2161	2227	1526	1553	1540	936	180
2022/11/16	08:02:00	0.000	2225	2255	1535	1545	1540	936	180
2022/11/16	08:04:00	0.000	2192	2262	1534	1556	1545	936	180
2022/11/16	08:06:00	0.000	2201	2247	1539	1559	1549	936	180
2022/11/16	08:08:00	0.000	2165	2256	1558	1609	1584	936	180
2022/11/16	08:10:00	0.000	2140	2217	1491	1563	1527	936	180
2022/11/16	08:12:00	0.000	2194	2221	1508	1578	1543	936	180
2022/11/16	08:14:00	0.000	2193	2218	1515	1569	1542	936	180
2022/11/16	08:16:00	0.000	2127	2226	1539	1558	1549	937	180
2022/11/16	08:18:00	0.000	2125	2206	1494	1555	1525	933	180
2022/11/16	08:20:00	0.000	2201	2236	1520	1603	1562	934	180
2022/11/16	08:22:00	0.000	2118	2232	1485	1642	1564	942	180
2022/11/16	08:24:00	0.000	2188	2225	1478	1539	1509	952	180
2022/11/16	08:26:00	0.000	2117	2230	1492	1545	1519	964	180
2022/11/16	08:28:00	0.000	2113	2219	1457	1539	1498	976	180
2022/11/16	08:30:00	0.000	2196	2225	1539	1625	1582	990	180
2022/11/16	08:32:00	0.000	2114	2196	1479	1609	1544	1004	180
2022/11/16	08:34:00	0.000	2188	2228	1480	1565	1523	1018	180
2022/11/16	08:36:00	0.000	2155	2219	1564	1580	1572	1033	180
2022/11/16	08:38:00	0.000	2175	2216	1549	1580	1565	1048	180
2022/11/16	08:40:00	0.000	2107	2228	1523	1549	1536	1063	180
2022/11/16	08:42:00	0.000	2114	2226	1483	1524	1504	1078	180
2022/11/16	08:44:00	0.000	2181	2240	1524	1603	1564	1093	180
2022/11/16	08:46:00	0.000	2110	2187	1525	1603	1564	1109	180
2022/11/16	08:48:00	0.000	2184	2237	1525	1582	1554	1124	180
2022/11/16	08:50:00	0.000	2106	2234	1499	1580	1540	1140	180
2022/11/16	08:52:00	0.000	2165	2236	1481	1572	1527	1155	180
2022/11/16	08:54:00	0.000	2145	2235	1561	1588	1575	1171	180
2022/11/16	08:56:00	0.000	2157	2215	1526	1561	1544	1186	180
2022/11/16	08:58:00	0.000	2179	2220	1527	1565	1546	1202	180
2022/11/16	09:00:00	0.000	2184	2212	1532	1587	1560	1218	180
2022/11/16	09:02:00	0.000	2121	2215	1495	1589	1542	1234	180
2022/11/16	09:04:00	0.000	2179	2225	1483	1527	1505	1249	180
2022/11/16	09:06:00	0.000	2111	2226	1491	1575	1533	1265	180
2022/11/16	09:08:00	0.000	2161	2217	1490	1547	1519	1281	180
2022/11/16	09:10:00	0.000	2171	2225	1547	1572	1560	1297	180
2022/11/16	09:12:00	0.000	2164	2199	1548	1576	1562	1313	180
2022/11/16	09:14:00	0.000	2159	2200	1539	1582	1561	1329	180
2022/11/16	09:16:00	0.000	2177	2204	1499	1539	1519	1344	180
2022/11/16	09:18:00	0.000	2148	2206	1514	1558	1536	1360	180
2022/11/16	09:20:00	0.000	2170	2205	1513	1559	1536	1376	180
2022/11/16	09:22:00	0.000	2147	2213	1549	1594	1572	1392	180
2022/11/16	09:24:00	0.000	2160	2204	1508	1553	1531	1408	180
2022/11/16	09:26:00	0.000	2100	2216	1508	1556	1532	1424	180
2022/11/16	09:28:00	0.000	2134	2213	1494	1615	1555	1440	180
2022/11/16	09:30:00	0.000	2126	2228	1544	1647	1596	1457	180
2022/11/16	09:32:00	0.000	2141	2208	1527	1570	1549	1473	180

2022/11/16	09:34:00	0.000	2136	2227	1495	1531	1513	1489	180
2022/11/16	09:36:00	0.000	2143	2216	1479	1515	1497	1505	180
2022/11/16	09:38:00	0.000	2095	2224	1491	1543	1517	1520	180
2022/11/16	09:40:00	0.000	2129	2240	1515	1581	1548	1537	180
2022/11/16	09:42:00	0.000	2166	2268	1531	1580	1556	1553	180
2022/11/16	09:44:00	0.000	2178	2233	1512	1545	1529	1564	180
2022/11/16	09:46:00	0.000	2189	2243	1538	1586	1562	1568	180
2022/11/16	09:48:00	0.000	2202	2231	1551	1630	1591	1568	180
2022/11/16	09:50:00	0.000	2169	2236	1466	1564	1515	1566	180
2022/11/16	09:52:00	0.000	2206	2243	1474	1520	1497	1563	180
2022/11/16	09:54:00	0.000	2169	2235	1483	1510	1497	1562	180
2022/11/16	09:56:00	0.000	2195	2224	1494	1547	1521	1560	180
2022/11/16	09:58:00	0.000	2127	2224	1539	1562	1551	1559	180
2022/11/16	10:00:00	0.000	2191	2224	1542	1574	1558	1556	180
2022/11/16	10:02:00	0.000	2145	2202	1510	1575	1543	1554	180
2022/11/16	10:04:00	0.000	2177	2215	1507	1526	1517	1551	180
2022/11/16	10:06:00	0.000	2134	2204	1522	1540	1531	1549	180
2022/11/16	10:08:00	0.000	2161	2222	1539	1576	1558	1549	180
2022/11/16	10:10:00	0.000	2142	2202	1536	1568	1552	1548	180
2022/11/16	10:12:00	0.000	2194	2229	1481	1547	1514	1545	180
2022/11/16	10:14:00	0.000	2150	2218	1486	1607	1547	1543	180
2022/11/16	10:16:00	0.000	2184	2213	1506	1588	1547	1542	180
2022/11/16	10:18:00	0.000	2173	2192	1485	1572	1529	1541	180
2022/11/16	10:20:00	0.000	2140	2209	1518	1622	1570	1541	180
2022/11/16	10:22:00	0.000	2125	2206	1453	1522	1488	1541	180
2022/11/16	10:24:00	0.000	2190	2221	1522	1642	1582	1542	180
2022/11/16	10:26:00	0.000	2177	2214	1477	1611	1544	1542	180
2022/11/16	10:28:00	0.000	2194	2227	1495	1567	1531	1543	180
2022/11/16	10:30:00	0.000	2157	2206	1535	1569	1552	1543	180
2022/11/16	10:32:00	0.000	2185	2213	1496	1569	1533	1542	180
2022/11/16	10:34:00	0.000	2150	2200	1547	1582	1565	1542	180
2022/11/16	10:36:00	0.000	2192	2219	1544	1576	1560	1542	180
2022/11/16	10:38:00	0.000	2166	2215	1512	1544	1528	1542	180
2022/11/16	10:40:00	0.000	2188	2218	1512	1543	1528	1542	180
2022/11/16	10:42:00	0.000	2168	2213	1531	1564	1548	1543	180
2022/11/16	10:44:00	0.000	2170	2204	1523	1537	1530	1542	180
2022/11/16	10:46:00	0.000	2179	2211	1523	1573	1548	1542	180
2022/11/16	10:48:00	0.000	2204	2221	1553	1607	1580	1542	180
2022/11/16	10:50:00	0.000	2165	2210	1531	1599	1565	1542	180
2022/11/16	10:52:00	0.000	2180	2213	1519	1539	1529	1542	180
2022/11/16	10:54:00	0.000	2179	2204	1478	1540	1509	1542	180
2022/11/16	10:56:00	0.000	2179	2202	1480	1566	1523	1542	180
2022/11/16	10:58:00	0.000	2154	2191	1556	1566	1561	1542	180
2022/11/16	11:00:00	0.000	2183	2208	1558	1607	1583	1542	180
2022/11/16	11:02:00	0.000	2184	2202	1475	1565	1520	1542	180
2022/11/16	11:04:00	0.000	2176	2195	1510	1593	1552	1542	180
2022/11/16	11:06:00	0.000	2180	2212	1535	1568	1552	1542	180
2022/11/16	11:08:00	0.000	2185	2483	1517	1684	1601	1542	180
2022/11/16	11:10:00	0.000	2270	2464	1636	1682	1659	1544	180
2022/11/16	11:12:00	0.000	2265	2519	1564	1718	1641	1545	180
2022/11/16	11:14:00	0.000	2390	2521	1679	1716	1698	1546	180
2022/11/16	11:16:00	0.000	2322	2474	1572	1679	1626	1547	180
2022/11/16	11:18:00	0.000	2474	2522	1617	1760	1689	1549	180
2022/11/16	11:20:00	0.000	2028	2494	1615	1780	1698	1551	180
2022/11/16	11:22:00	0.000	2047	2505	1537	1615	1576	1551	180
2022/11/16	11:24:00	0.000	2225	2519	1614	1771	1693	1553	180
2022/11/16	11:26:00	0.000	2067	2438	1539	1753	1646	1554	180
2022/11/16	11:28:00	0.000	2430	2514	1571	1728	1650	1556	180
2022/11/16	11:30:00	0.000	2294	2516	1691	1776	1734	1558	180
2022/11/16	11:32:00	0.000	2230	2297	1550	1691	1621	1558	180
2022/11/16	11:34:00	0.000	2209	2248	1551	1570	1561	1559	180
2022/11/16	11:36:00	0.000	2204	2252	1496	1588	1542	1559	180
2022/11/16	11:38:00	0.000	2094	2210	1422	1504	1463	1557	180
2022/11/16	11:40:00	0.000	2019	2095	1431	1484	1458	1557	180
2022/11/16	11:42:00	0.000	1291	2020	1449	1493	1471	1556	180
2022/11/16	11:44:00	0.000	1878	2057	1468	1661	1565	1556	180
2022/11/16	11:46:00	0.000	2029	2072	1582	1685	1634	1557	180
2022/11/16	11:48:00	0.000	2058	2170	1497	1582	1540	1557	180
2022/11/16	11:50:00	0.000	2163	2228	1514	1607	1561	1557	180
2022/11/16	11:52:00	0.000	2139	2221	1558	1600	1579	1558	180
2022/11/16	11:54:00	0.000	2150	2169	1507	1562	1535	1557	180
2022/11/16	11:56:00	0.000	2043	2158	1471	1507	1489	1557	180
2022/11/16	11:58:00	0.000	2030	2065	1448	1512	1480	1556	180
2022/11/16	12:00:00	0.000	1976	2031	1494	1527	1511	1555	180

2022/11/16	12:02:00	0.000	1988	2011	1527	1570	1549	1555	180
2022/11/16	12:04:00	0.000	1978	2046	1552	1601	1577	1556	180
2022/11/16	12:06:00	0.000	2025	2065	1555	1615	1585	1557	180
2022/11/16	12:08:00	0.000	2015	2052	1528	1557	1543	1557	180
2022/11/16	12:10:00	0.000	2000	2055	1537	1589	1563	1557	180
2022/11/16	12:12:00	0.000	2009	2052	1464	1537	1501	1556	180
2022/11/16	12:14:00	0.000	2017	2055	1464	1539	1502	1556	180
2022/11/16	12:16:00	0.000	2012	2047	1528	1613	1571	1556	180
2022/11/16	12:18:00	0.000	1977	2027	1537	1613	1575	1557	180
2022/11/16	12:20:00	0.000	2003	2053	1504	1555	1530	1557	180
2022/11/16	12:22:00	0.000	2008	2059	1528	1560	1544	1556	180
2022/11/16	12:24:00	0.000	2026	2052	1542	1582	1562	1557	180
2022/11/16	12:26:00	0.000	1951	2033	1469	1547	1508	1556	180
2022/11/16	12:28:00	0.000	1949	1989	1489	1535	1512	1556	180
2022/11/16	12:30:00	0.000	1850	1952	1450	1531	1491	1555	180
2022/11/16	12:32:00	0.000	1849	1876	1463	1570	1517	1554	180
2022/11/16	12:34:00	0.000	1829	1876	1570	1591	1581	1555	180
2022/11/16	12:36:00	0.000	1780	1846	1502	1588	1545	1556	180
2022/11/16	12:38:00	0.000	1673	1783	1421	1502	1462	1555	180
2022/11/16	12:40:00	0.000	2	1684	861	1421	1141	1551	180
2022/11/16	12:42:00	0.000	2	3	524	861	693	1541	180
2022/11/16	12:44:00	0.000	2	2	386	524	455	1529	180
2022/11/16	12:46:00	0.000	2	3	304	386	345	1516	180
2022/11/16	12:48:00	0.000	2	3	254	304	279	1501	180
2022/11/16	12:50:00	0.000	2	3	221	254	238	1487	180
2022/11/16	12:52:00	0.000	2	3	203	221	212	1473	180
2022/11/16	12:54:00	0.000	2	2048	195	1308	752	1464	180
2022/11/16	12:56:00	0.000	1814	1903	1308	1760	1534	1464	180
2022/11/16	12:58:00	0.000	1811	1864	1485	1599	1542	1464	180
2022/11/16	13:00:00	0.000	1858	1915	1475	1591	1533	1464	180
2022/11/16	13:02:00	0.000	1878	1908	1561	1599	1580	1464	180
2022/11/16	13:04:00	0.000	1861	1887	1525	1578	1552	1465	180
2022/11/16	13:06:00	0.000	1823	1872	1534	1554	1544	1465	180
2022/11/16	13:08:00	0.000	1831	1854	1543	1562	1553	1465	180
2022/11/16	13:10:00	0.000	1852	1878	1558	1565	1562	1465	180
2022/11/16	13:12:00	0.000	1855	1883	1555	1558	1557	1465	180
2022/11/16	13:14:00	0.000	1807	1876	1504	1557	1531	1465	180
2022/11/16	13:16:00	0.000	1718	1817	1434	1504	1469	1464	180
2022/11/16	13:18:00	0.000	1640	1726	1451	1490	1471	1464	180
2022/11/16	13:20:00	0.000	1613	1648	1481	1516	1499	1463	180
2022/11/16	13:22:00	0.000	1604	1642	1491	1512	1502	1463	180
2022/11/16	13:24:00	0.000	1603	1629	1512	1565	1539	1463	180
2022/11/16	13:26:00	0.000	1611	1633	1565	1609	1587	1463	180
2022/11/16	13:28:00	0.000	1606	1629	1515	1603	1559	1463	180
2022/11/16	13:30:00	0.000	1601	1636	1510	1523	1517	1463	180
2022/11/16	13:32:00	0.000	1611	1633	1510	1546	1528	1463	180
2022/11/16	13:34:00	0.000	1607	1640	1546	1586	1566	1463	180
2022/11/16	13:36:00	0.000	1586	1636	1533	1586	1560	1463	180
2022/11/16	13:38:00	0.000	1570	1603	1522	1549	1536	1463	180
2022/11/16	13:40:00	0.000	1582	1615	1517	1531	1524	1463	180
2022/11/16	13:42:00	0.000	1593	1629	1518	1539	1529	1463	180
2022/11/16	13:44:00	0.000	1591	1622	1518	1541	1530	1463	180
2022/11/16	13:46:00	0.000	1581	1609	1504	1537	1521	1463	180
2022/11/16	13:48:00	0.000	1562	1593	1520	1539	1530	1462	180
2022/11/16	13:50:00	0.000	1564	1595	1528	1549	1539	1462	180
2022/11/16	13:52:00	0.000	1580	1607	1547	1585	1566	1462	180
2022/11/16	13:54:00	0.000	1587	1615	1584	1610	1597	1463	180
2022/11/16	13:56:00	0.000	1585	1615	1566	1585	1576	1464	180
2022/11/16	13:58:00	0.000	1561	1610	1508	1574	1541	1463	180
2022/11/16	14:00:00	0.000	1552	1584	1480	1508	1494	1462	180
2022/11/16	14:02:00	0.000	1562	1589	1487	1537	1512	1462	180
2022/11/16	14:04:00	0.000	1562	1593	1515	1529	1522	1462	180
2022/11/16	14:06:00	0.000	1576	1611	1523	1576	1550	1462	180
2022/11/16	14:08:00	0.000	1549	1608	1520	1577	1549	1461	180
2022/11/16	14:10:00	0.000	1546	1574	1497	1521	1509	1460	180
2022/11/16	14:12:00	0.000	1549	1582	1504	1547	1526	1458	180
2022/11/16	14:14:00	0.000	1555	1586	1545	1566	1556	1457	180
2022/11/16	14:16:00	0.000	1562	1596	1531	1566	1549	1456	180
2022/11/16	14:18:00	0.000	1572	1601	1524	1574	1549	1455	180
2022/11/16	14:20:00	0.000	1561	1594	1573	1578	1576	1453	180
2022/11/16	14:22:00	0.000	1544	1574	1537	1573	1555	1453	180
2022/11/16	14:24:00	0.000	1539	1574	1534	1544	1539	1451	180
2022/11/16	14:26:00	0.000	1530	1578	1534	1567	1551	1450	180
2022/11/16	14:28:00	0.000	1553	1587	1544	1564	1554	1449	180

2022/11/16	14:30:00	0.000	1554	1587	1510	1551	1531	1447	180
2022/11/16	14:32:00	0.000	1561	1593	1528	1551	1540	1446	180
2022/11/16	14:34:00	0.000	1562	1591	1531	1555	1543	1446	180
2022/11/16	14:36:00	0.000	1545	1581	1512	1537	1525	1446	180
2022/11/16	14:38:00	0.000	1532	1570	1491	1512	1502	1446	180
2022/11/16	14:40:00	0.000	1534	1570	1492	1521	1507	1447	180
2022/11/16	14:42:00	0.000	1527	1566	1520	1593	1557	1447	180
2022/11/16	14:44:00	0.000	1534	1556	1556	1609	1583	1448	180
2022/11/16	14:46:00	0.000	1523	1565	1551	1568	1560	1447	180
2022/11/16	14:48:00	0.000	1548	1591	1551	1583	1567	1447	180
2022/11/16	14:50:00	0.000	1549	1591	1534	1568	1551	1447	180
2022/11/16	14:52:00	0.000	1534	1573	1497	1534	1516	1446	180
2022/11/16	14:54:00	0.000	1521	1550	1491	1527	1509	1446	180
2022/11/16	14:56:00	0.000	1527	1567	1527	1547	1537	1447	180
2022/11/16	14:58:00	0.000	1530	1571	1547	1563	1555	1447	180
2022/11/16	15:00:00	0.000	1554	1576	1553	1577	1565	1448	180
2022/11/16	15:02:00	0.000	1543	1578	1543	1570	1557	1448	180
2022/11/16	15:04:00	0.000	1558	1587	1543	1564	1554	1448	180
2022/11/16	15:06:00	0.000	1527	1579	1517	1572	1545	1447	180
2022/11/16	15:08:00	0.000	1523	1561	1516	1543	1530	1447	180
2022/11/16	15:10:00	0.000	1522	1555	1513	1525	1519	1447	180
2022/11/16	15:12:00	0.000	1543	1570	1515	1560	1538	1447	180
2022/11/16	15:14:00	0.000	1537	1578	1553	1584	1569	1448	180
2022/11/16	15:16:00	0.000	1552	1575	1564	1591	1578	1448	180
2022/11/16	15:18:00	0.000	1541	1581	1510	1569	1540	1448	180
2022/11/16	15:20:00	0.000	1541	1570	1504	1510	1507	1447	180
2022/11/16	15:22:00	0.000	1529	1572	1507	1523	1515	1447	180
2022/11/16	15:24:00	0.000	1538	1571	1505	1570	1538	1447	180
2022/11/16	15:26:00	0.000	1536	1568	1560	1574	1567	1447	180
2022/11/16	15:28:00	0.000	1534	1565	1550	1570	1560	1448	180
2022/11/16	15:30:00	0.000	1543	1567	1536	1550	1543	1449	180
2022/11/16	15:32:00	0.000	1534	1559	1523	1547	1535	1449	180
2022/11/16	15:34:00	0.000	1533	1563	1525	1580	1553	1448	180
2022/11/16	15:36:00	0.000	1524	1558	1520	1579	1550	1448	180
2022/11/16	15:38:00	0.000	1534	1559	1512	1529	1521	1449	180
2022/11/16	15:40:00	0.000	1531	1556	1527	1564	1546	1454	180
2022/11/16	15:42:00	0.000	1530	1558	1527	1564	1546	1463	180
2022/11/16	15:44:00	0.000	1523	1552	1516	1529	1523	1475	180
2022/11/16	15:46:00	0.000	1527	1556	1524	1552	1538	1488	180
2022/11/16	15:48:00	0.000	1527	1549	1552	1578	1565	1503	180
2022/11/16	15:50:00	0.000	1523	1549	1541	1572	1557	1517	180
2022/11/16	15:52:00	0.000	1524	1545	1539	1566	1553	1532	180
2022/11/16	15:54:00	0.000	1519	1549	1526	1539	1533	1541	180
2022/11/16	15:56:00	0.000	1520	1545	1528	1558	1543	1541	180
2022/11/16	15:58:00	0.000	1516	1545	1545	1568	1557	1541	180
2022/11/16	16:00:00	0.000	1516	1546	1511	1548	1530	1541	180
2022/11/16	16:02:00	0.000	1509	1541	1494	1511	1503	1540	180
2022/11/16	16:04:00	0.000	1511	1548	1509	1525	1517	1540	180
2022/11/16	16:06:00	0.000	1506	1545	1522	1547	1535	1540	180
2022/11/16	16:08:00	0.000	1516	1542	1547	1570	1559	1540	180
2022/11/16	16:10:00	0.000	1504	1543	1539	1570	1555	1540	180
2022/11/16	16:12:00	0.000	1517	1547	1539	1562	1551	1540	180
2022/11/16	16:14:00	0.000	1501	1541	1517	1564	1541	1540	180
2022/11/16	16:16:00	0.000	1510	1538	1507	1518	1513	1540	180
2022/11/16	16:18:00	0.000	1505	1543	1510	1550	1530	1541	180
2022/11/16	16:20:00	0.000	1510	1538	1547	1567	1557	1541	180
2022/11/16	16:22:00	0.000	1506	1541	1567	1590	1579	1542	180
2022/11/16	16:24:00	0.000	1501	1535	1535	1572	1554	1542	180
2022/11/16	16:26:00	0.000	1507	1538	1507	1535	1521	1542	180
2022/11/16	16:28:00	0.000	1504	1531	1506	1531	1519	1541	180
2022/11/16	16:30:00	0.000	1509	1535	1507	1556	1532	1541	180
2022/11/16	16:32:00	0.000	1495	1521	1545	1556	1551	1542	180
2022/11/16	16:34:00	0.000	1498	1534	1545	1556	1551	1542	180
2022/11/16	16:36:00	0.000	1495	1529	1523	1549	1536	1541	180
2022/11/16	16:38:00	0.000	1508	1534	1525	1532	1529	1541	180
2022/11/16	16:40:00	0.000	1496	1528	1518	1531	1525	1541	180
2022/11/16	16:42:00	0.000	1499	1530	1518	1556	1537	1541	180
2022/11/16	16:44:00	0.000	1500	1529	1538	1556	1547	1541	180
2022/11/16	16:46:00	0.000	1501	1529	1539	1570	1555	1542	180
2022/11/16	16:48:00	0.000	1490	1524	1521	1553	1537	1542	180
2022/11/16	16:50:00	0.000	1486	1521	1510	1536	1523	1542	180
2022/11/16	16:52:00	0.000	1493	1518	1536	1551	1544	1542	180
2022/11/16	16:54:00	0.000	1499	1527	1550	1569	1560	1541	180
2022/11/16	16:56:00	0.000	1497	1525	1563	1578	1571	1541	180



2022/11/16	16:58:00	0.000	1501	1530	1551	1580	1566	1541	180
2022/11/16	17:00:00	0.000	1491	1523	1534	1551	1543	1542	180
2022/11/16	17:02:00	0.000	1494	1531	1520	1542	1531	1542	180
2022/11/16	17:04:00	0.000	1491	1520	1513	1542	1528	1542	180
2022/11/16	17:06:00	0.000	1490	1527	1522	1554	1538	1542	180
2022/11/16	17:08:00	0.000	1496	1520	1543	1552	1548	1542	180
2022/11/16	17:10:00	0.000	1493	1532	1542	1550	1546	1542	180
2022/11/16	17:12:00	0.000	1496	1528	1547	1550	1549	1543	180
2022/11/16	17:14:00	0.000	1491	1522	1504	1549	1527	1542	180
2022/11/16	17:16:00	0.000	1493	1527	1523	1571	1547	1542	180
2022/11/16	17:18:00	0.000	1487	1521	1551	1572	1562	1542	180
2022/11/16	17:20:00	0.000	1501	1523	1539	1561	1550	1542	180
2022/11/16	17:22:00	0.000	1493	1517	1507	1539	1523	1542	180
2022/11/16	17:24:00	0.000	1496	1519	1509	1542	1526	1542	180
2022/11/16	17:26:00	0.000	1488	1516	1524	1533	1529	1541	180
2022/11/16	17:28:00	0.000	1493	1524	1532	1565	1549	1541	180
2022/11/16	17:30:00	0.000	1482	1524	1532	1565	1549	1542	180
2022/11/16	17:32:00	0.000	1497	1526	1537	1587	1562	1542	180
2022/11/16	17:34:00	0.000	1483	1522	1539	1570	1555	1542	180
2022/11/16	17:36:00	0.000	1493	1524	1539	1559	1549	1542	180
2022/11/16	17:38:00	0.000	1483	1527	1504	1553	1529	1543	180
2022/11/16	17:40:00	0.000	1486	1516	1496	1525	1511	1543	180
2022/11/16	17:42:00	0.000	1493	1520	1525	1564	1545	1542	180
2022/11/16	17:44:00	0.000	1493	1517	1549	1561	1555	1542	180
2022/11/16	17:46:00	0.000	1477	1527	1553	1577	1565	1542	180
2022/11/16	17:48:00	0.000	1493	1530	1538	1558	1548	1542	180
2022/11/16	17:50:00	0.000	1504	1531	1534	1556	1545	1542	180
2022/11/16	17:52:00	0.000	1504	1535	1520	1535	1528	1542	180
2022/11/16	17:54:00	0.000	1507	1546	1530	1548	1539	1542	180
2022/11/16	17:56:00	0.000	1512	1537	1546	1566	1556	1543	180
2022/11/16	17:58:00	0.000	1516	1551	1555	1572	1564	1543	180
2022/11/16	18:00:00	0.000	1512	1543	1531	1571	1551	1543	180
2022/11/16	18:02:00	0.000	1514	1549	1510	1531	1521	1542	180
2022/11/16	18:04:00	0.000	1503	1529	1512	1525	1519	1542	180
2022/11/16	18:06:00	0.000	1507	1545	1515	1545	1530	1542	180
2022/11/16	18:08:00	0.000	1493	1528	1525	1544	1535	1542	180
2022/11/16	18:10:00	0.000	1501	1538	1544	1571	1558	1542	180
2022/11/16	18:12:00	0.000	1506	1557	1558	1574	1566	1542	180
2022/11/16	18:14:00	0.000	1541	1576	1559	1576	1568	1542	180
2022/11/16	18:16:00	0.000	1493	1561	1532	1563	1548	1542	180
2022/11/16	18:18:00	0.000	1475	1504	1523	1539	1531	1542	180
2022/11/16	18:20:00	0.000	1463	1501	1510	1531	1521	1542	180
2022/11/16	18:22:00	0.000	1465	1501	1510	1532	1521	1542	180
2022/11/16	18:24:00	0.000	1465	1497	1532	1559	1546	1542	180
2022/11/16	18:26:00	0.000	1479	1518	1547	1563	1555	1542	180
2022/11/16	18:28:00	0.000	1482	1518	1547	1568	1558	1542	180
2022/11/16	18:30:00	0.000	1499	1522	1547	1564	1556	1542	180
2022/11/16	18:32:00	0.000	1490	1527	1543	1561	1552	1542	180
2022/11/16	18:34:00	0.000	1484	1521	1512	1545	1529	1542	180
2022/11/16	18:36:00	0.000	1474	1517	1511	1518	1515	1542	180
2022/11/16	18:38:00	0.000	1484	1515	1515	1561	1538	1542	180
2022/11/16	18:40:00	0.000	1478	1519	1560	1586	1573	1542	180
2022/11/16	18:42:00	0.000	1479	1511	1533	1560	1547	1542	180
2022/11/16	18:44:00	0.000	1482	1511	1528	1539	1534	1542	180
2022/11/16	18:46:00	0.000	1484	1517	1530	1550	1540	1542	180
2022/11/16	18:48:00	0.000	1477	1527	1550	1578	1564	1542	180
2022/11/16	18:50:00	0.000	1479	1503	1523	1568	1546	1542	180
2022/11/16	18:52:00	0.000	1482	1504	1520	1539	1530	1542	180
2022/11/16	18:54:00	0.000	1468	1504	1520	1542	1531	1542	180
2022/11/16	18:56:00	0.000	1482	1508	1508	1556	1532	1542	180
2022/11/16	18:58:00	0.000	1476	1504	1550	1570	1560	1542	180
2022/11/16	19:00:00	0.000	1479	1500	1550	1567	1559	1542	180
2022/11/16	19:02:00	0.000	1469	1499	1543	1555	1549	1543	180
2022/11/16	19:04:00	0.000	1474	1504	1520	1543	1532	1543	180
2022/11/16	19:06:00	0.000	1453	1498	1512	1534	1523	1543	180
2022/11/16	19:08:00	0.000	1473	1500	1505	1553	1529	1542	180
2022/11/16	19:10:00	0.000	1453	1493	1547	1560	1554	1542	180
2022/11/16	19:12:00	0.000	1465	1500	1537	1553	1545	1542	180
2022/11/16	19:14:00	0.000	1463	1495	1520	1537	1529	1542	180
2022/11/16	19:16:00	0.000	1469	1497	1518	1537	1528	1542	180
2022/11/16	19:18:00	0.000	1463	1493	1537	1579	1558	1543	180
2022/11/16	19:20:00	0.000	1466	1495	1537	1567	1552	1543	180
2022/11/16	19:22:00	0.000	1457	1490	1548	1578	1563	1543	180
2022/11/16	19:24:00	0.000	1453	1491	1545	1552	1549	1542	180

2022/11/16	19:26:00	0.000	1453	1497	1537	1550	1544	1543	180
2022/11/16	19:28:00	0.000	1453	1490	1522	1550	1536	1543	180
2022/11/16	19:30:00	0.000	1457	1487	1527	1537	1532	1543	180
2022/11/16	19:32:00	0.000	1452	1488	1520	1532	1526	1543	180
2022/11/16	19:34:00	0.000	1460	1488	1519	1533	1526	1542	180
2022/11/16	19:36:00	0.000	1438	1479	1520	1533	1527	1542	180
2022/11/16	19:38:00	0.000	1460	1492	1521	1561	1541	1542	180
2022/11/16	19:40:00	0.000	1449	1493	1549	1568	1559	1543	180
2022/11/16	19:42:00	0.000	1449	1488	1545	1550	1548	1543	180
2022/11/16	19:44:00	0.000	1449	1490	1543	1568	1556	1543	180
2022/11/16	19:46:00	0.000	1448	1482	1527	1543	1535	1543	180
2022/11/16	19:48:00	0.000	1447	1486	1533	1552	1543	1543	180
2022/11/16	19:50:00	0.000	1453	1496	1548	1564	1556	1543	180
2022/11/16	19:52:00	0.000	1473	1501	1547	1566	1557	1543	180
2022/11/16	19:54:00	0.000	1468	1506	1541	1553	1547	1543	180
2022/11/16	19:56:00	0.000	1485	1525	1541	1568	1555	1543	180
2022/11/16	19:58:00	0.000	1482	1513	1515	1541	1528	1543	180
2022/11/16	20:00:00	0.000	1485	1512	1516	1523	1520	1542	180
2022/11/16	20:02:00	0.000	1450	1503	1510	1531	1521	1542	180
2022/11/16	20:04:00	0.000	1463	1493	1510	1550	1530	1542	180
2022/11/16	20:06:00	0.000	1445	1488	1539	1560	1550	1542	180
2022/11/16	20:08:00	0.000	1460	1488	1519	1539	1529	1542	180
2022/11/16	20:10:00	0.000	1460	1488	1535	1563	1549	1542	180
2022/11/16	20:12:00	0.000	1457	1490	1544	1564	1554	1542	180
2022/11/16	20:14:00	0.000	1471	1514	1535	1544	1540	1542	180
2022/11/16	20:16:00	0.000	1478	1506	1539	1557	1548	1542	180
2022/11/16	20:18:00	0.000	1479	1519	1548	1556	1552	1542	180
2022/11/16	20:20:00	0.000	1457	1512	1549	1580	1565	1542	180
2022/11/16	20:22:00	0.000	1457	1493	1511	1549	1530	1543	180
2022/11/16	20:24:00	0.000	1458	1489	1504	1525	1515	1542	180
2022/11/16	20:26:00	0.000	1442	1480	1524	1532	1528	1542	180
2022/11/16	20:28:00	0.000	1450	1501	1530	1558	1544	1542	180
2022/11/16	20:30:00	0.000	1463	1504	1558	1579	1569	1543	180
2022/11/16	20:32:00	0.000	1464	1504	1561	1579	1570	1543	180
2022/11/16	20:34:00	0.000	1480	1513	1553	1568	1561	1543	180
2022/11/16	20:36:00	0.000	1480	1522	1529	1553	1541	1543	180
2022/11/16	20:38:00	0.000	1473	1514	1512	1530	1521	1543	180
2022/11/16	20:40:00	0.000	1459	1488	1515	1527	1521	1543	180
2022/11/16	20:42:00	0.000	1421	1471	1505	1538	1522	1542	180
2022/11/16	20:44:00	0.000	1440	1475	1518	1556	1537	1542	180
2022/11/16	20:46:00	0.000	1443	1485	1555	1569	1562	1542	180
2022/11/16	20:48:00	0.000	1460	1516	1567	1571	1569	1542	180
2022/11/16	20:50:00	0.000	1471	1504	1539	1578	1559	1543	180
2022/11/16	20:52:00	0.000	1445	1501	1496	1539	1518	1542	180
2022/11/16	20:54:00	0.000	1443	1492	1505	1525	1515	1542	180
2022/11/16	20:56:00	0.000	1435	1485	1518	1532	1525	1542	180
2022/11/16	20:58:00	0.000	1435	1500	1527	1542	1535	1542	180
2022/11/16	21:00:00	0.000	1460	1505	1542	1584	1563	1542	180
2022/11/16	21:02:00	0.000	1433	1512	1527	1586	1557	1542	180
2022/11/16	21:04:00	0.000	1438	1489	1491	1527	1509	1542	180
2022/11/16	21:06:00	0.000	1437	1468	1492	1523	1508	1542	180
2022/11/16	21:08:00	0.000	1441	1479	1520	1560	1540	1542	180
2022/11/16	21:10:00	0.000	1452	1495	1554	1561	1558	1542	180
2022/11/16	21:12:00	0.000	1465	1508	1554	1586	1570	1542	180
2022/11/16	21:14:00	0.000	1441	1486	1543	1566	1555	1542	180
2022/11/16	21:16:00	0.000	1435	1468	1528	1543	1536	1542	180
2022/11/16	21:18:00	0.000	1431	1473	1509	1530	1520	1541	180
2022/11/16	21:20:00	0.000	1438	1490	1501	1535	1518	1541	180
2022/11/16	21:22:00	0.000	1462	1500	1535	1574	1555	1542	180
2022/11/16	21:24:00	0.000	1448	1486	1561	1576	1569	1542	180
2022/11/16	21:26:00	0.000	1460	1485	1555	1566	1561	1542	180
2022/11/16	21:28:00	0.000	1451	1484	1541	1556	1549	1542	180
2022/11/16	21:30:00	0.000	1435	1463	1504	1542	1523	1542	180
2022/11/16	21:32:00	0.000	1431	1471	1494	1518	1506	1541	180
2022/11/16	21:34:00	0.000	1427	1473	1515	1532	1524	1541	180
2022/11/16	21:36:00	0.000	1425	1471	1527	1549	1538	1541	180
2022/11/16	21:38:00	0.000	1446	1472	1545	1561	1553	1541	180
2022/11/16	21:40:00	0.000	1435	1468	1550	1566	1558	1541	180
2022/11/16	21:42:00	0.000	1446	1484	1539	1559	1549	1541	180
2022/11/16	21:44:00	0.000	1448	1484	1558	1564	1561	1542	180
2022/11/16	21:46:00	0.000	1441	1483	1537	1561	1549	1542	180
2022/11/16	21:48:00	0.000	1463	1490	1538	1563	1551	1542	180
2022/11/16	21:50:00	0.000	1460	1491	1541	1565	1553	1542	180
2022/11/16	21:52:00	0.000	1448	1493	1537	1549	1543	1542	180

2022/11/16	21:54:00	0.000	1471	1501	1549	1566	1558	1542	180
2022/11/16	21:56:00	0.000	1463	1498	1523	1568	1546	1542	180
2022/11/16	21:58:00	0.000	1453	1484	1509	1523	1516	1542	180
2022/11/16	22:00:00	0.000	1448	1481	1512	1527	1520	1541	180
2022/11/16	22:02:00	0.000	1421	1474	1513	1528	1521	1541	180
2022/11/16	22:04:00	0.000	1425	1481	1512	1545	1529	1541	180
2022/11/16	22:06:00	0.000	1443	1483	1545	1582	1564	1541	180
2022/11/16	22:08:00	0.000	1448	1492	1563	1589	1576	1542	180
2022/11/16	22:10:00	0.000	1466	1499	1560	1572	1566	1542	180
2022/11/16	22:12:00	0.000	1457	1499	1547	1560	1554	1542	180
2022/11/16	22:14:00	0.000	1464	1495	1512	1547	1530	1542	180
2022/11/16	22:16:00	0.000	1444	1498	1510	1526	1518	1542	180
2022/11/16	22:18:00	0.000	1435	1485	1503	1531	1517	1542	180
2022/11/16	22:20:00	0.000	1448	1475	1504	1539	1522	1541	180
2022/11/16	22:22:00	0.000	1425	1474	1535	1547	1541	1541	180
2022/11/16	22:24:00	0.000	1438	1469	1542	1564	1553	1541	180
2022/11/16	22:26:00	0.000	1453	1488	1561	1574	1568	1541	180
2022/11/16	22:28:00	0.000	1450	1506	1553	1582	1568	1542	180
2022/11/16	22:30:00	0.000	1436	1482	1491	1553	1522	1542	180
2022/11/16	22:32:00	0.000	1433	1479	1491	1527	1509	1541	180
2022/11/16	22:34:00	0.000	1441	1479	1513	1534	1524	1541	180
2022/11/16	22:36:00	0.000	1469	1504	1518	1570	1544	1542	180
2022/11/16	22:38:00	0.000	1461	1508	1567	1582	1575	1542	180
2022/11/16	22:40:00	0.000	1457	1488	1518	1582	1550	1542	180
2022/11/16	22:42:00	0.000	1445	1483	1504	1538	1521	1542	180
2022/11/16	22:44:00	0.000	1442	1471	1537	1544	1541	1541	180
2022/11/16	22:46:00	0.000	1453	1497	1535	1556	1546	1542	180
2022/11/16	22:48:00	0.000	1475	1504	1555	1578	1567	1542	180
2022/11/16	22:50:00	0.000	1474	1512	1550	1578	1564	1542	180
2022/11/16	22:52:00	0.000	1471	1509	1547	1551	1549	1542	180
2022/11/16	22:54:00	0.000	1460	1496	1544	1549	1547	1542	180
2022/11/16	22:56:00	0.000	1446	1486	1525	1545	1535	1542	180
2022/11/16	22:58:00	0.000	1461	1486	1527	1541	1534	1542	180
2022/11/16	23:00:00	0.000	1438	1474	1521	1541	1531	1542	180
2022/11/16	23:02:00	0.000	1446	1493	1512	1525	1519	1542	180
2022/11/16	23:04:00	0.000	1464	1502	1512	1544	1528	1542	180
2022/11/16	23:06:00	0.000	1457	1504	1543	1553	1548	1542	180
2022/11/16	23:08:00	0.000	1489	1519	1543	1585	1564	1542	180
2022/11/16	23:10:00	0.000	1482	1523	1572	1595	1584	1543	180
2022/11/16	23:12:00	0.000	1471	1509	1547	1572	1560	1543	180
2022/11/16	23:14:00	0.000	1451	1500	1545	1556	1551	1543	180
2022/11/16	23:16:00	0.000	1427	1479	1495	1545	1520	1542	180
2022/11/16	23:18:00	0.000	1438	1472	1488	1535	1512	1542	180
2022/11/16	23:20:00	0.000	1431	1471	1532	1541	1537	1542	180
2022/11/16	23:22:00	0.000	1429	1469	1511	1532	1522	1542	180
2022/11/16	23:24:00	0.000	1428	1479	1512	1548	1530	1542	180
2022/11/16	23:26:00	0.000	1460	1496	1548	1599	1574	1542	180
2022/11/16	23:28:00	0.000	1449	1494	1562	1594	1578	1543	180
2022/11/16	23:30:00	0.000	1468	1496	1558	1569	1564	1543	180
2022/11/16	23:32:00	0.000	1461	1485	1512	1570	1541	1542	180
2022/11/16	23:34:00	0.000	1455	1489	1512	1528	1520	1542	180
2022/11/16	23:36:00	0.000	1438	1479	1518	1530	1524	1542	180
2022/11/16	23:38:00	0.000	1427	1462	1516	1533	1525	1542	180
2022/11/16	23:40:00	0.000	1435	1469	1532	1550	1541	1542	180
2022/11/16	23:42:00	0.000	1445	1471	1535	1558	1547	1542	180
2022/11/16	23:44:00	0.000	1451	1491	1538	1555	1547	1542	180
2022/11/16	23:46:00	0.000	1450	1493	1555	1573	1564	1542	180
2022/11/16	23:48:00	0.000	1453	1496	1534	1570	1552	1542	180
2022/11/16	23:50:00	0.000	1460	1487	1510	1534	1522	1542	180
2022/11/16	23:52:00	0.000	1435	1485	1517	1532	1525	1542	180
2022/11/16	23:54:00	0.000	1427	1464	1518	1539	1529	1542	180
2022/11/16	23:56:00	0.000	1444	1488	1539	1566	1553	1542	180
2022/11/16	23:58:00	0.000	1453	1484	1557	1565	1561	1542	180

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-7**

Date	Time	Ch. Tag Unit sec	CH02		CH05		Temperature average	3-hour		
			SCFM	1	Deg. F	1		Temperature average	Cell count	
			MIN	MAX	MIN	MAX				
2022/11/17	00:00:00		0.000	1463	1501	1550	1574	1562	1542	180
2022/11/17	00:02:00		0.000	1453	1500	1539	1580	1560	1542	180
2022/11/17	00:04:00		0.000	1451	1482	1497	1539	1518	1543	180
2022/11/17	00:06:00		0.000	1446	1483	1497	1547	1522	1543	180
2022/11/17	00:08:00		0.000	1431	1473	1531	1547	1539	1543	180
2022/11/17	00:10:00		0.000	1436	1465	1531	1541	1536	1543	180
2022/11/17	00:12:00		0.000	1430	1461	1520	1533	1527	1542	180
2022/11/17	00:14:00		0.000	1419	1457	1523	1555	1539	1542	180
2022/11/17	00:16:00		0.000	1430	1469	1555	1565	1560	1542	180
2022/11/17	00:18:00		0.000	1452	1480	1563	1582	1573	1543	180
2022/11/17	00:20:00		0.000	1459	1493	1551	1564	1558	1543	180
2022/11/17	00:22:00		0.000	1462	1499	1541	1551	1546	1543	180
2022/11/17	00:24:00		0.000	1450	1496	1518	1549	1534	1543	180
2022/11/17	00:26:00		0.000	1453	1489	1502	1518	1510	1542	180
2022/11/17	00:28:00		0.000	1442	1479	1506	1556	1531	1542	180
2022/11/17	00:30:00		0.000	1441	1471	1519	1553	1536	1542	180
2022/11/17	00:32:00		0.000	1435	1475	1501	1519	1510	1542	180
2022/11/17	00:34:00		0.000	1427	1458	1512	1545	1529	1542	180
2022/11/17	00:36:00		0.000	1438	1476	1535	1569	1552	1542	180
2022/11/17	00:38:00		0.000	1451	1485	1557	1570	1564	1542	180
2022/11/17	00:40:00		0.000	1446	1482	1570	1589	1580	1543	180
2022/11/17	00:42:00		0.000	1443	1493	1558	1573	1566	1543	180
2022/11/17	00:44:00		0.000	1457	1493	1547	1572	1560	1543	180
2022/11/17	00:46:00		0.000	1454	1488	1519	1549	1534	1543	180
2022/11/17	00:48:00		0.000	1458	1486	1519	1551	1535	1542	180
2022/11/17	00:50:00		0.000	1453	1484	1537	1552	1545	1542	180
2022/11/17	00:52:00		0.000	1441	1485	1530	1547	1539	1542	180
2022/11/17	00:54:00		0.000	1461	1490	1522	1547	1535	1542	180
2022/11/17	00:56:00		0.000	1448	1486	1520	1565	1543	1542	180
2022/11/17	00:58:00		0.000	1454	1485	1565	1576	1571	1543	180
2022/11/17	01:00:00		0.000	1445	1493	1557	1578	1568	1543	180
2022/11/17	01:02:00		0.000	1438	1485	1524	1557	1541	1543	180
2022/11/17	01:04:00		0.000	1455	1484	1525	1544	1535	1543	180
2022/11/17	01:06:00		0.000	1441	1482	1533	1541	1537	1543	180
2022/11/17	01:08:00		0.000	1452	1482	1517	1534	1526	1543	180
2022/11/17	01:10:00		0.000	1449	1481	1517	1539	1528	1542	180
2022/11/17	01:12:00		0.000	1433	1479	1526	1560	1543	1542	180
2022/11/17	01:14:00		0.000	1437	1477	1550	1558	1554	1542	180
2022/11/17	01:16:00		0.000	1438	1483	1550	1569	1560	1543	180
2022/11/17	01:18:00		0.000	1442	1475	1541	1556	1549	1543	180
2022/11/17	01:20:00		0.000	1446	1479	1524	1544	1534	1543	180
2022/11/17	01:22:00		0.000	1441	1485	1523	1539	1531	1543	180
2022/11/17	01:24:00		0.000	1431	1467	1512	1526	1519	1543	180
2022/11/17	01:26:00		0.000	1448	1480	1523	1564	1544	1543	180
2022/11/17	01:28:00		0.000	1441	1469	1550	1564	1557	1542	180
2022/11/17	01:30:00		0.000	1444	1480	1545	1560	1553	1543	180
2022/11/17	01:32:00		0.000	1445	1480	1545	1557	1551	1543	180
2022/11/17	01:34:00		0.000	1427	1460	1542	1550	1546	1543	180
2022/11/17	01:36:00		0.000	1428	1488	1539	1568	1554	1544	180
2022/11/17	01:38:00		0.000	1457	1504	1548	1568	1558	1543	180
2022/11/17	01:40:00		0.000	1462	1511	1543	1555	1549	1543	180
2022/11/17	01:42:00		0.000	1477	1508	1539	1547	1543	1544	180
2022/11/17	01:44:00		0.000	1460	1496	1529	1542	1536	1544	180
2022/11/17	01:46:00		0.000	1449	1477	1507	1529	1518	1543	180
2022/11/17	01:48:00		0.000	1458	1489	1515	1537	1526	1543	180
2022/11/17	01:50:00		0.000	1446	1481	1528	1535	1532	1542	180
2022/11/17	01:52:00		0.000	1435	1472	1524	1537	1531	1542	180
2022/11/17	01:54:00		0.000	1446	1488	1537	1555	1546	1542	180
2022/11/17	01:56:00		0.000	1460	1491	1555	1569	1562	1543	180
2022/11/17	01:58:00		0.000	1457	1490	1553	1576	1565	1543	180
2022/11/17	02:00:00		0.000	1453	1488	1536	1553	1545	1543	180
2022/11/17	02:02:00		0.000	1439	1482	1526	1539	1533	1543	180
2022/11/17	02:04:00		0.000	1444	1482	1524	1528	1526	1543	180
2022/11/17	02:06:00		0.000	1428	1471	1514	1539	1527	1543	180
2022/11/17	02:08:00		0.000	1424	1455	1512	1531	1522	1542	180

2022/11/17	02:10:00	0.000	1442	1471	1531	1559	1545	1542	180
2022/11/17	02:12:00	0.000	1447	1479	1558	1572	1565	1542	180
2022/11/17	02:14:00	0.000	1454	1489	1556	1572	1564	1542	180
2022/11/17	02:16:00	0.000	1469	1498	1548	1556	1552	1543	180
2022/11/17	02:18:00	0.000	1466	1511	1546	1562	1554	1543	180
2022/11/17	02:20:00	0.000	1438	1479	1512	1559	1536	1543	180
2022/11/17	02:22:00	0.000	1420	1464	1501	1513	1507	1543	180
2022/11/17	02:24:00	0.000	1427	1473	1507	1518	1513	1543	180
2022/11/17	02:26:00	0.000	1448	1483	1518	1555	1537	1542	180
2022/11/17	02:28:00	0.000	1457	1496	1555	1581	1568	1542	180
2022/11/17	02:30:00	0.000	1445	1486	1520	1581	1551	1542	180
2022/11/17	02:32:00	0.000	1428	1477	1506	1520	1513	1542	180
2022/11/17	02:34:00	0.000	1427	1474	1506	1523	1515	1542	180
2022/11/17	02:36:00	0.000	1436	1486	1515	1554	1535	1542	180
2022/11/17	02:38:00	0.000	1457	1495	1554	1596	1575	1542	180
2022/11/17	02:40:00	0.000	1457	1495	1561	1591	1576	1543	180
2022/11/17	02:42:00	0.000	1452	1480	1504	1561	1533	1543	180
2022/11/17	02:44:00	0.000	1441	1471	1487	1504	1496	1542	180
2022/11/17	02:46:00	0.000	1425	1466	1503	1521	1512	1541	180
2022/11/17	02:48:00	0.000	1441	1483	1521	1547	1534	1541	180
2022/11/17	02:50:00	0.000	1460	1493	1547	1576	1562	1542	180
2022/11/17	02:52:00	0.000	1446	1493	1558	1582	1570	1542	180
2022/11/17	02:54:00	0.000	1449	1486	1547	1560	1554	1542	180
2022/11/17	02:56:00	0.000	1439	1477	1519	1561	1540	1542	180
2022/11/17	02:58:00	0.000	1425	1468	1499	1519	1509	1542	182
2022/11/17	03:00:00	0.000	1435	1474	1513	1572	1543	1542	180
2022/11/17	03:02:00	0.000	1442	1482	1566	1589	1578	1542	180
2022/11/17	03:04:00	0.000	1429	1493	1542	1566	1554	1542	180
2022/11/17	03:06:00	0.000	1461	1494	1547	1572	1560	1543	180
2022/11/17	03:08:00	0.000	1460	1495	1537	1553	1545	1543	180
2022/11/17	03:10:00	0.000	1457	1493	1526	1537	1532	1543	180
2022/11/17	03:12:00	0.000	1442	1482	1526	1539	1533	1543	180
2022/11/17	03:14:00	0.000	1422	1465	1516	1531	1524	1542	180
2022/11/17	03:16:00	0.000	1435	1467	1520	1533	1527	1542	180
2022/11/17	03:18:00	0.000	1425	1469	1528	1541	1535	1542	180
2022/11/17	03:20:00	0.000	1426	1462	1521	1543	1532	1541	180
2022/11/17	03:22:00	0.000	1448	1475	1541	1571	1556	1542	180
2022/11/17	03:24:00	0.000	1435	1480	1551	1569	1560	1542	180
2022/11/17	03:26:00	0.000	1437	1488	1541	1560	1551	1542	180
2022/11/17	03:28:00	0.000	1477	1517	1560	1577	1569	1543	180
2022/11/17	03:30:00	0.000	1462	1493	1526	1572	1549	1543	180
2022/11/17	03:32:00	0.000	1457	1495	1518	1543	1531	1543	180
2022/11/17	03:34:00	0.000	1444	1477	1527	1544	1536	1543	180
2022/11/17	03:36:00	0.000	1421	1460	1511	1527	1519	1543	180
2022/11/17	03:38:00	0.000	1431	1460	1520	1537	1529	1542	180
2022/11/17	03:40:00	0.000	1416	1457	1526	1534	1530	1542	180
2022/11/17	03:42:00	0.000	1425	1471	1534	1568	1551	1542	180
2022/11/17	03:44:00	0.000	1446	1485	1568	1585	1577	1542	180
2022/11/17	03:46:00	0.000	1444	1477	1545	1582	1564	1542	180
2022/11/17	03:48:00	0.000	1441	1478	1544	1558	1551	1542	180
2022/11/17	03:50:00	0.000	1427	1478	1520	1553	1537	1542	180
2022/11/17	03:52:00	0.000	1424	1462	1492	1520	1506	1542	180
2022/11/17	03:54:00	0.000	1442	1482	1505	1540	1523	1542	180
2022/11/17	03:56:00	0.000	1438	1482	1540	1562	1551	1542	180
2022/11/17	03:58:00	0.000	1466	1499	1558	1582	1570	1542	180
2022/11/17	04:00:00	0.000	1450	1492	1549	1582	1566	1542	180
2022/11/17	04:02:00	0.000	1438	1469	1505	1551	1528	1542	180
2022/11/17	04:04:00	0.000	1423	1469	1504	1523	1514	1541	180
2022/11/17	04:06:00	0.000	1425	1469	1523	1538	1531	1541	180
2022/11/17	04:08:00	0.000	1434	1480	1538	1553	1546	1542	180
2022/11/17	04:10:00	0.000	1461	1491	1553	1577	1565	1542	180
2022/11/17	04:12:00	0.000	1460	1497	1553	1582	1568	1542	180
2022/11/17	04:14:00	0.000	1460	1504	1531	1553	1542	1542	180
2022/11/17	04:16:00	0.000	1450	1488	1524	1531	1528	1542	180
2022/11/17	04:18:00	0.000	1431	1480	1506	1530	1518	1541	180
2022/11/17	04:20:00	0.000	1439	1482	1514	1560	1537	1541	180
2022/11/17	04:22:00	0.000	1448	1482	1560	1569	1565	1542	180
2022/11/17	04:24:00	0.000	1448	1485	1550	1561	1556	1542	180
2022/11/17	04:26:00	0.000	1446	1482	1525	1554	1540	1542	180
2022/11/17	04:28:00	0.000	1431	1482	1525	1545	1535	1542	180
2022/11/17	04:30:00	0.000	1439	1477	1519	1534	1527	1542	180
2022/11/17	04:32:00	0.000	1442	1482	1518	1550	1534	1542	180
2022/11/17	04:34:00	0.000	1443	1484	1549	1555	1552	1542	180
2022/11/17	04:36:00	0.000	1441	1482	1541	1549	1545	1541	180

2022/11/17	04:38:00	0.000	1440	1477	1543	1557	1550	1541	180
2022/11/17	04:40:00	0.000	1427	1466	1524	1550	1537	1541	180
2022/11/17	04:42:00	0.000	1446	1470	1534	1554	1544	1541	180
2022/11/17	04:44:00	0.000	1438	1471	1541	1553	1547	1541	180
2022/11/17	04:46:00	0.000	1437	1474	1534	1545	1540	1542	180
2022/11/17	04:48:00	0.000	1441	1480	1541	1556	1549	1542	180
2022/11/17	04:50:00	0.000	1427	1468	1541	1558	1550	1542	180
2022/11/17	04:52:00	0.000	1425	1468	1525	1543	1534	1542	180
2022/11/17	04:54:00	0.000	1423	1470	1543	1549	1546	1542	180
2022/11/17	04:56:00	0.000	1434	1464	1528	1547	1538	1542	180
2022/11/17	04:58:00	0.000	1431	1464	1530	1538	1534	1542	180
2022/11/17	05:00:00	0.000	1431	1467	1527	1544	1536	1541	180
2022/11/17	05:02:00	0.000	1417	1453	1518	1528	1523	1541	180
2022/11/17	05:04:00	0.000	1428	1460	1528	1545	1537	1541	180
2022/11/17	05:06:00	0.000	1391	1453	1531	1547	1539	1542	180
2022/11/17	05:08:00	0.000	1406	1436	1531	1547	1539	1542	180
2022/11/17	05:10:00	0.000	1405	1435	1537	1545	1541	1542	180
2022/11/17	05:12:00	0.000	1401	1443	1545	1564	1555	1542	180
2022/11/17	05:14:00	0.000	1421	1461	1560	1591	1576	1542	180
2022/11/17	05:16:00	0.000	1412	1465	1551	1594	1573	1542	180
2022/11/17	05:18:00	0.000	1395	1445	1510	1551	1531	1542	180
2022/11/17	05:20:00	0.000	1398	1428	1499	1518	1509	1541	180
2022/11/17	05:22:00	0.000	1387	1434	1518	1549	1534	1542	180
2022/11/17	05:24:00	0.000	1392	1429	1528	1545	1537	1542	180
2022/11/17	05:26:00	0.000	1406	1439	1545	1568	1557	1542	180
2022/11/17	05:28:00	0.000	1405	1441	1539	1560	1550	1542	180
2022/11/17	05:30:00	0.000	1417	1451	1536	1557	1547	1542	180
2022/11/17	05:32:00	0.000	1422	1449	1557	1568	1563	1542	180
2022/11/17	05:34:00	0.000	1394	1443	1531	1559	1545	1543	180
2022/11/17	05:36:00	0.000	1405	1448	1524	1540	1532	1543	180
2022/11/17	05:38:00	0.000	1416	1464	1540	1558	1549	1542	180
2022/11/17	05:40:00	0.000	1424	1463	1542	1553	1548	1542	180
2022/11/17	05:42:00	0.000	1431	1463	1550	1555	1553	1542	180
2022/11/17	05:44:00	0.000	1420	1457	1552	1562	1557	1543	180
2022/11/17	05:46:00	0.000	1411	1439	1518	1552	1535	1543	180
2022/11/17	05:48:00	0.000	1403	1435	1518	1529	1524	1543	180
2022/11/17	05:50:00	0.000	1392	1436	1518	1534	1526	1543	180
2022/11/17	05:52:00	0.000	1398	1435	1517	1539	1528	1542	180
2022/11/17	05:54:00	0.000	1392	1432	1539	1549	1544	1542	180
2022/11/17	05:56:00	0.000	1387	1424	1541	1549	1545	1542	180
2022/11/17	05:58:00	0.000	1397	1453	1544	1578	1561	1543	180
2022/11/17	06:00:00	0.000	1414	1446	1563	1579	1571	1543	180
2022/11/17	06:02:00	0.000	1421	1461	1547	1563	1555	1543	180
2022/11/17	06:04:00	0.000	1427	1457	1554	1560	1557	1543	180
2022/11/17	06:06:00	0.000	1414	1449	1533	1556	1545	1543	180
2022/11/17	06:08:00	0.000	1414	1446	1519	1534	1527	1543	180
2022/11/17	06:10:00	0.000	1415	1450	1516	1539	1528	1543	180
2022/11/17	06:12:00	0.000	1412	1449	1539	1556	1548	1543	180
2022/11/17	06:14:00	0.000	1409	1448	1528	1542	1535	1543	180
2022/11/17	06:16:00	0.000	1407	1439	1530	1548	1539	1543	180
2022/11/17	06:18:00	0.000	1402	1443	1531	1551	1541	1543	180
2022/11/17	06:20:00	0.000	1406	1436	1524	1533	1529	1543	180
2022/11/17	06:22:00	0.000	1417	1448	1533	1555	1544	1543	180
2022/11/17	06:24:00	0.000	1423	1457	1555	1566	1561	1543	180
2022/11/17	06:26:00	0.000	1433	1475	1558	1575	1567	1543	180
2022/11/17	06:28:00	0.000	1453	1488	1566	1576	1571	1543	180
2022/11/17	06:30:00	0.000	1450	1488	1558	1568	1563	1543	180
2022/11/17	06:32:00	0.000	1468	1492	1559	1572	1566	1544	180
2022/11/17	06:34:00	0.000	1450	1483	1523	1567	1545	1544	180
2022/11/17	06:36:00	0.000	1448	1477	1497	1523	1510	1544	180
2022/11/17	06:38:00	0.000	1461	1493	1496	1545	1521	1544	180
2022/11/17	06:40:00	0.000	1459	1499	1545	1573	1559	1544	180
2022/11/17	06:42:00	0.000	1435	1474	1528	1570	1549	1544	180
2022/11/17	06:44:00	0.000	1441	1473	1524	1542	1533	1543	180
2022/11/17	06:46:00	0.000	1442	1468	1528	1539	1534	1543	180
2022/11/17	06:48:00	0.000	1443	1471	1516	1528	1522	1543	180
2022/11/17	06:50:00	0.000	1441	1479	1522	1562	1542	1543	180
2022/11/17	06:52:00	0.000	1435	1470	1541	1555	1548	1543	180
2022/11/17	06:54:00	0.000	1425	1458	1531	1545	1538	1543	180
2022/11/17	06:56:00	0.000	1433	1472	1537	1546	1542	1543	180
2022/11/17	06:58:00	0.000	1436	1471	1539	1546	1543	1543	180
2022/11/17	07:00:00	0.000	1433	1469	1537	1547	1542	1543	180
2022/11/17	07:02:00	0.000	1433	1466	1535	1547	1541	1543	180
2022/11/17	07:04:00	0.000	1425	1458	1541	1550	1546	1543	180

2022/11/17	07:06:00	0.000	1429	1465	1533	1541	1537	1543	180
2022/11/17	07:08:00	0.000	1427	1464	1524	1540	1532	1543	180
2022/11/17	07:10:00	0.000	1435	1464	1522	1551	1537	1543	180
2022/11/17	07:12:00	0.000	1435	1468	1537	1550	1544	1543	180
2022/11/17	07:14:00	0.000	1431	1460	1545	1558	1552	1543	180
2022/11/17	07:16:00	0.000	1417	1450	1552	1569	1561	1543	180
2022/11/17	07:18:00	0.000	1431	1460	1558	1570	1564	1544	180
2022/11/17	07:20:00	0.000	1435	1468	1523	1566	1545	1544	180
2022/11/17	07:22:00	0.000	1446	1475	1518	1530	1524	1543	180
2022/11/17	07:24:00	0.000	1448	1474	1525	1560	1543	1543	180
2022/11/17	07:26:00	0.000	1433	1468	1528	1560	1544	1543	180
2022/11/17	07:28:00	0.000	1435	1475	1528	1545	1537	1543	180
2022/11/17	07:30:00	0.000	1454	1482	1539	1555	1547	1543	180
2022/11/17	07:32:00	0.000	1450	1487	1542	1566	1554	1544	180
2022/11/17	07:34:00	0.000	1465	1500	1541	1582	1562	1544	180
2022/11/17	07:36:00	0.000	1468	1496	1559	1581	1570	1544	180
2022/11/17	07:38:00	0.000	1453	1485	1528	1559	1544	1544	180
2022/11/17	07:40:00	0.000	1460	1491	1521	1541	1531	1544	180
2022/11/17	07:42:00	0.000	1444	1495	1530	1545	1538	1544	180
2022/11/17	07:44:00	0.000	1450	1475	1488	1530	1509	1543	180
2022/11/17	07:46:00	0.000	1442	1479	1512	1534	1523	1543	180
2022/11/17	07:48:00	0.000	1425	1474	1525	1539	1532	1543	180
2022/11/17	07:50:00	0.000	1425	1450	1520	1534	1527	1543	180
2022/11/17	07:52:00	0.000	1424	1461	1533	1558	1546	1543	180
2022/11/17	07:54:00	0.000	1436	1467	1558	1570	1564	1543	180
2022/11/17	07:56:00	0.000	1448	1473	1561	1575	1568	1543	180
2022/11/17	07:58:00	0.000	1438	1480	1556	1573	1565	1544	180
2022/11/17	08:00:00	0.000	1422	1478	1512	1556	1534	1544	180
2022/11/17	08:02:00	0.000	1413	1459	1498	1518	1508	1544	180
2022/11/17	08:04:00	0.000	1437	1472	1518	1557	1538	1544	180
2022/11/17	08:06:00	0.000	1445	1477	1523	1556	1540	1544	180
2022/11/17	08:08:00	0.000	1455	1480	1523	1545	1534	1544	180
2022/11/17	08:10:00	0.000	1435	1474	1545	1562	1554	1544	180
2022/11/17	08:12:00	0.000	1442	1491	1551	1573	1562	1544	180
2022/11/17	08:14:00	0.000	1457	1490	1564	1593	1579	1544	180
2022/11/17	08:16:00	0.000	1435	1472	1524	1564	1544	1543	180
2022/11/17	08:18:00	0.000	1435	1464	1509	1524	1517	1543	180
2022/11/17	08:20:00	0.000	1413	1454	1491	1510	1501	1543	180
2022/11/17	08:22:00	0.000	1399	1452	1495	1520	1508	1543	180
2022/11/17	08:24:00	0.000	1423	1468	1519	1584	1552	1543	180
2022/11/17	08:26:00	0.000	1448	1475	1582	1596	1589	1543	180
2022/11/17	08:28:00	0.000	1455	1494	1542	1582	1562	1544	180
2022/11/17	08:30:00	0.000	1443	1479	1540	1559	1550	1544	180
2022/11/17	08:32:00	0.000	1409	1459	1491	1540	1516	1543	180
2022/11/17	08:34:00	0.000	1408	1461	1483	1523	1503	1543	180
2022/11/17	08:36:00	0.000	1431	1470	1523	1564	1544	1543	180
2022/11/17	08:38:00	0.000	1442	1482	1563	1581	1572	1543	180
2022/11/17	08:40:00	0.000	1449	1483	1560	1581	1571	1543	180
2022/11/17	08:42:00	0.000	1444	1480	1535	1569	1552	1543	180
2022/11/17	08:44:00	0.000	1433	1468	1528	1540	1534	1543	180
2022/11/17	08:46:00	0.000	1442	1477	1533	1543	1538	1543	180
2022/11/17	08:48:00	0.000	1431	1470	1527	1545	1536	1543	180
2022/11/17	08:50:00	0.000	1434	1471	1523	1537	1530	1543	180
2022/11/17	08:52:00	0.000	1443	1471	1524	1549	1537	1543	180
2022/11/17	08:54:00	0.000	1423	1465	1531	1560	1546	1543	180
2022/11/17	08:56:00	0.000	1417	1469	1518	1537	1528	1543	180
2022/11/17	08:58:00	0.000	1441	1473	1537	1556	1547	1543	180
2022/11/17	09:00:00	0.000	1444	1472	1549	1557	1553	1543	180
2022/11/17	09:02:00	0.000	1431	1473	1553	1572	1563	1543	180
2022/11/17	09:04:00	0.000	1418	1465	1530	1569	1550	1543	180
2022/11/17	09:06:00	0.000	1407	1447	1501	1530	1516	1542	180
2022/11/17	09:08:00	0.000	1429	1465	1497	1521	1509	1542	180
2022/11/17	09:10:00	0.000	1417	1460	1521	1537	1529	1542	180
2022/11/17	09:12:00	0.000	1431	1453	1523	1535	1529	1542	180
2022/11/17	09:14:00	0.000	1421	1460	1535	1556	1546	1542	180
2022/11/17	09:16:00	0.000	1397	1457	1556	1569	1563	1542	180
2022/11/17	09:18:00	0.000	1408	1446	1547	1560	1554	1543	180
2022/11/17	09:20:00	0.000	1409	1456	1544	1558	1551	1543	180
2022/11/17	09:22:00	0.000	1421	1456	1514	1544	1529	1543	180
2022/11/17	09:24:00	0.000	1414	1446	1526	1530	1528	1542	180
2022/11/17	09:26:00	0.000	1398	1449	1510	1539	1525	1542	180
2022/11/17	09:28:00	0.000	1411	1449	1510	1539	1525	1541	180
2022/11/17	09:30:00	0.000	1423	1457	1539	1569	1554	1541	180
2022/11/17	09:32:00	0.000	1415	1456	1547	1567	1557	1541	180

2022/11/17	09:34:00	0.000	1431	1462	1558	1572	1565	1541	180
2022/11/17	09:36:00	0.000	1415	1467	1542	1569	1556	1542	180
2022/11/17	09:38:00	0.000	1411	1461	1524	1544	1534	1542	180
2022/11/17	09:40:00	0.000	1422	1460	1535	1553	1544	1542	180
2022/11/17	09:42:00	0.000	1426	1465	1516	1535	1526	1542	180
2022/11/17	09:44:00	0.000	1435	1471	1516	1543	1530	1542	180
2022/11/17	09:46:00	0.000	1437	1464	1527	1548	1538	1542	180
2022/11/17	09:48:00	0.000	1410	1446	1528	1544	1536	1542	180
2022/11/17	09:50:00	0.000	1409	1440	1534	1558	1546	1542	180
2022/11/17	09:52:00	0.000	1403	1448	1533	1544	1539	1542	180
2022/11/17	09:54:00	0.000	1411	1449	1541	1553	1547	1542	180
2022/11/17	09:56:00	0.000	1425	1461	1546	1565	1556	1542	180
2022/11/17	09:58:00	0.000	1424	1459	1553	1565	1559	1542	180
2022/11/17	10:00:00	0.000	1411	1458	1542	1558	1550	1542	180
2022/11/17	10:02:00	0.000	1433	1465	1545	1568	1557	1542	180
2022/11/17	10:04:00	0.000	1422	1462	1521	1558	1540	1542	180
2022/11/17	10:06:00	0.000	1434	1471	1510	1527	1519	1542	180
2022/11/17	10:08:00	0.000	1424	1468	1527	1547	1537	1542	180
2022/11/17	10:10:00	0.000	1425	1458	1528	1547	1538	1542	180
2022/11/17	10:12:00	0.000	1425	1468	1534	1572	1553	1542	180
2022/11/17	10:14:00	0.000	1436	1469	1553	1580	1567	1542	180
2022/11/17	10:16:00	0.000	1426	1468	1521	1554	1538	1542	180
2022/11/17	10:18:00	0.000	1435	1465	1535	1551	1543	1542	180
2022/11/17	10:20:00	0.000	1425	1461	1527	1561	1544	1542	180
2022/11/17	10:22:00	0.000	1419	1449	1520	1530	1525	1542	180
2022/11/17	10:24:00	0.000	1424	1461	1520	1535	1528	1542	180
2022/11/17	10:26:00	0.000	1425	1456	1530	1537	1534	1542	180
2022/11/17	10:28:00	0.000	1417	1453	1526	1535	1531	1542	180
2022/11/17	10:30:00	0.000	1418	1457	1525	1539	1532	1541	180
2022/11/17	10:32:00	0.000	1412	1457	1539	1564	1552	1541	180
2022/11/17	10:34:00	0.000	1405	1450	1542	1559	1551	1541	180
2022/11/17	10:36:00	0.000	1421	1450	1557	1568	1563	1541	180
2022/11/17	10:38:00	0.000	1413	1451	1518	1561	1540	1541	180
2022/11/17	10:40:00	0.000	1417	1453	1518	1528	1523	1541	180
2022/11/17	10:42:00	0.000	1423	1450	1522	1539	1531	1541	180
2022/11/17	10:44:00	0.000	1394	1450	1500	1542	1521	1541	180
2022/11/17	10:46:00	0.000	1414	1443	1499	1555	1527	1541	180
2022/11/17	10:48:00	0.000	1411	1456	1555	1569	1562	1542	180
2022/11/17	10:50:00	0.000	1419	1448	1556	1578	1567	1542	180
2022/11/17	10:52:00	0.000	1425	1457	1550	1574	1562	1542	180
2022/11/17	10:54:00	0.000	1417	1448	1539	1550	1545	1542	180
2022/11/17	10:56:00	0.000	1400	1437	1506	1539	1523	1541	180
2022/11/17	10:58:00	0.000	1414	1450	1503	1516	1510	1541	180
2022/11/17	11:00:00	0.000	1428	1460	1516	1551	1534	1541	180
2022/11/17	11:02:00	0.000	1448	1471	1551	1581	1566	1541	180
2022/11/17	11:04:00	0.000	1440	1479	1564	1584	1574	1542	180
2022/11/17	11:06:00	0.000	1392	1457	1522	1564	1543	1542	180
2022/11/17	11:08:00	0.000	1397	1438	1516	1534	1525	1542	180
2022/11/17	11:10:00	0.000	1424	1460	1534	1555	1545	1542	180
2022/11/17	11:12:00	0.000	1419	1461	1548	1558	1553	1542	180
2022/11/17	11:14:00	0.000	1434	1469	1554	1576	1565	1541	180
2022/11/17	11:16:00	0.000	1442	1482	1569	1574	1572	1542	180
2022/11/17	11:18:00	0.000	1427	1465	1529	1570	1550	1542	180
2022/11/17	11:20:00	0.000	1435	1473	1527	1539	1533	1542	180
2022/11/17	11:22:00	0.000	1431	1458	1528	1544	1536	1543	180
2022/11/17	11:24:00	0.000	1424	1462	1514	1528	1521	1542	180
2022/11/17	11:26:00	0.000	1417	1457	1507	1525	1516	1542	180
2022/11/17	11:28:00	0.000	1421	1457	1518	1531	1525	1541	180
2022/11/17	11:30:00	0.000	1421	1452	1527	1560	1544	1541	180
2022/11/17	11:32:00	0.000	1425	1479	1560	1580	1570	1542	180
2022/11/17	11:34:00	0.000	1444	1480	1571	1591	1581	1543	180
2022/11/17	11:36:00	0.000	1453	1490	1563	1573	1568	1543	180
2022/11/17	11:38:00	0.000	1441	1480	1539	1564	1552	1543	180
2022/11/17	11:40:00	0.000	1414	1448	1483	1539	1511	1542	180
2022/11/17	11:42:00	0.000	1407	1457	1482	1514	1498	1541	180
2022/11/17	11:44:00	0.000	1437	1481	1514	1554	1534	1541	180
2022/11/17	11:46:00	0.000	1462	1505	1554	1572	1563	1542	180
2022/11/17	11:48:00	0.000	1457	1504	1564	1585	1575	1542	180
2022/11/17	11:50:00	0.000	1434	1477	1516	1564	1540	1542	180
2022/11/17	11:52:00	0.000	1428	1482	1489	1523	1506	1542	180
2022/11/17	11:54:00	0.000	1462	1498	1523	1591	1557	1542	180
2022/11/17	11:56:00	0.000	1468	1504	1570	1597	1584	1543	180
2022/11/17	11:58:00	0.000	1469	1499	1537	1576	1557	1543	180
2022/11/17	12:00:00	0.000	1457	1495	1539	1552	1546	1543	180



2022/11/17	12:02:00	0.000	1431	1477	1494	1545	1520	1542	180
2022/11/17	12:04:00	0.000	1449	1477	1496	1519	1508	1542	180
2022/11/17	12:06:00	0.000	1453	1484	1519	1531	1525	1542	180
2022/11/17	12:08:00	0.000	1457	1482	1521	1533	1527	1542	180
2022/11/17	12:10:00	0.000	1453	1490	1527	1558	1543	1542	180
2022/11/17	12:12:00	0.000	1438	1479	1531	1558	1545	1542	180
2022/11/17	12:14:00	0.000	1448	1493	1531	1562	1547	1542	180
2022/11/17	12:16:00	0.000	1452	1484	1549	1561	1555	1542	180
2022/11/17	12:18:00	0.000	1457	1488	1550	1561	1556	1542	180
2022/11/17	12:20:00	0.000	1462	1493	1537	1565	1551	1542	180
2022/11/17	12:22:00	0.000	1442	1493	1535	1560	1548	1543	180
2022/11/17	12:24:00	0.000	1466	1499	1514	1545	1530	1543	180
2022/11/17	12:26:00	0.000	1462	1510	1540	1560	1550	1543	180
2022/11/17	12:28:00	0.000	1475	1501	1534	1549	1542	1543	180
2022/11/17	12:30:00	0.000	1477	1504	1539	1558	1549	1543	180
2022/11/17	12:32:00	0.000	1465	1509	1520	1547	1534	1543	180
2022/11/17	12:34:00	0.000	1471	1500	1520	1537	1529	1542	180
2022/11/17	12:36:00	0.000	1441	1498	1523	1557	1540	1542	180
2022/11/17	12:38:00	0.000	1450	1486	1518	1552	1535	1542	180
2022/11/17	12:40:00	0.000	1441	1500	1517	1534	1526	1542	180
2022/11/17	12:42:00	0.000	1420	1482	1530	1537	1534	1542	180
2022/11/17	12:44:00	0.000	1421	1478	1515	1550	1533	1542	180
2022/11/17	12:46:00	0.000	1463	1493	1550	1585	1568	1542	180
2022/11/17	12:48:00	0.000	1466	1508	1569	1585	1577	1543	180
2022/11/17	12:50:00	0.000	1488	1517	1570	1576	1573	1543	180
2022/11/17	12:52:00	0.000	1457	1501	1526	1572	1549	1543	180
2022/11/17	12:54:00	0.000	1453	1485	1491	1526	1509	1543	180
2022/11/17	12:56:00	0.000	1451	1480	1494	1540	1517	1542	180
2022/11/17	12:58:00	0.000	1458	1491	1534	1559	1547	1542	180
2022/11/17	13:00:00	0.000	1459	1503	1551	1568	1560	1542	180
2022/11/17	13:02:00	0.000	1462	1486	1565	1576	1571	1542	180
2022/11/17	13:04:00	0.000	1469	1512	1555	1574	1565	1543	180
2022/11/17	13:06:00	0.000	1468	1499	1531	1572	1552	1543	180
2022/11/17	13:08:00	0.000	1465	1495	1499	1531	1515	1543	180
2022/11/17	13:10:00	0.000	1454	1484	1497	1540	1519	1543	180
2022/11/17	13:12:00	0.000	1446	1480	1518	1540	1529	1542	180
2022/11/17	13:14:00	0.000	1435	1481	1520	1539	1530	1542	180
2022/11/17	13:16:00	0.000	1459	1488	1525	1542	1534	1542	180
2022/11/17	13:18:00	0.000	1463	1495	1542	1566	1554	1542	180
2022/11/17	13:20:00	0.000	1468	1498	1566	1584	1575	1542	180
2022/11/17	13:22:00	0.000	1453	1498	1548	1573	1561	1543	180
2022/11/17	13:24:00	0.000	1462	1500	1530	1548	1539	1543	180
2022/11/17	13:26:00	0.000	1464	1501	1542	1568	1555	1543	180
2022/11/17	13:28:00	0.000	1466	1502	1525	1561	1543	1543	180
2022/11/17	13:30:00	0.000	1477	1508	1525	1544	1535	1543	180
2022/11/17	13:32:00	0.000	1468	1512	1536	1551	1544	1543	180
2022/11/17	13:34:00	0.000	1464	1500	1520	1540	1530	1543	180
2022/11/17	13:36:00	0.000	1453	1502	1527	1551	1539	1543	180
2022/11/17	13:38:00	0.000	1450	1486	1490	1527	1509	1542	180
2022/11/17	13:40:00	0.000	1464	1491	1507	1535	1521	1542	180
2022/11/17	13:42:00	0.000	1461	1501	1531	1554	1543	1543	180
2022/11/17	13:44:00	0.000	1480	1509	1554	1593	1574	1543	180
2022/11/17	13:46:00	0.000	1475	1512	1570	1586	1578	1544	180
2022/11/17	13:48:00	0.000	1471	1506	1547	1572	1560	1544	180
2022/11/17	13:50:00	0.000	1466	1502	1541	1569	1555	1544	180
2022/11/17	13:52:00	0.000	1438	1484	1514	1541	1528	1543	180
2022/11/17	13:54:00	0.000	1458	1488	1512	1529	1521	1543	180
2022/11/17	13:56:00	0.000	1445	1494	1508	1516	1512	1543	180
2022/11/17	13:58:00	0.000	1460	1488	1510	1526	1518	1543	180
2022/11/17	14:00:00	0.000	1469	1497	1520	1566	1543	1543	180
2022/11/17	14:02:00	0.000	1454	1486	1559	1572	1566	1543	180
2022/11/17	14:04:00	0.000	1468	1493	1563	1580	1572	1543	180
2022/11/17	14:06:00	0.000	1465	1501	1533	1569	1551	1543	180
2022/11/17	14:08:00	0.000	1470	1500	1551	1572	1562	1543	180
2022/11/17	14:10:00	0.000	1473	1508	1542	1561	1552	1544	180
2022/11/17	14:12:00	0.000	1453	1508	1527	1546	1537	1543	180
2022/11/17	14:14:00	0.000	1460	1493	1504	1527	1516	1543	180
2022/11/17	14:16:00	0.000	1460	1493	1510	1532	1521	1542	180
2022/11/17	14:18:00	0.000	1457	1485	1528	1535	1532	1542	180
2022/11/17	14:20:00	0.000	1457	1491	1523	1539	1531	1542	180
2022/11/17	14:22:00	0.000	1425	1480	1529	1542	1536	1542	180
2022/11/17	14:24:00	0.000	1428	1472	1518	1541	1530	1542	180
2022/11/17	14:26:00	0.000	1450	1493	1529	1594	1562	1543	180
2022/11/17	14:28:00	0.000	1465	1507	1588	1599	1594	1543	180

2022/11/17	14:30:00	0.000	1480	1508	1576	1593	1585	1544	180
2022/11/17	14:32:00	0.000	1445	1503	1537	1576	1557	1544	180
2022/11/17	14:34:00	0.000	1449	1491	1514	1537	1526	1543	180
2022/11/17	14:36:00	0.000	1457	1488	1512	1526	1519	1542	180
2022/11/17	14:38:00	0.000	1448	1489	1514	1548	1531	1542	180
2022/11/17	14:40:00	0.000	1448	1474	1504	1545	1525	1542	180
2022/11/17	14:42:00	0.000	1450	1491	1507	1537	1522	1543	180
2022/11/17	14:44:00	0.000	1439	1484	1535	1554	1545	1543	180
2022/11/17	14:46:00	0.000	1446	1490	1531	1545	1538	1543	180
2022/11/17	14:48:00	0.000	1460	1493	1543	1585	1564	1542	180
2022/11/17	14:50:00	0.000	1460	1493	1542	1592	1567	1543	180
2022/11/17	14:52:00	0.000	1467	1504	1542	1567	1555	1543	180
2022/11/17	14:54:00	0.000	1457	1499	1531	1563	1547	1543	180
2022/11/17	14:56:00	0.000	1451	1493	1512	1531	1522	1542	180
2022/11/17	14:58:00	0.000	1453	1498	1527	1548	1538	1542	180
2022/11/17	15:00:00	0.000	1465	1498	1542	1558	1550	1542	180
2022/11/17	15:02:00	0.000	1445	1491	1532	1550	1541	1543	180
2022/11/17	15:04:00	0.000	1441	1479	1519	1535	1527	1543	180
2022/11/17	15:06:00	0.000	1446	1475	1515	1543	1529	1543	180
2022/11/17	15:08:00	0.000	1465	1497	1543	1561	1552	1543	180
2022/11/17	15:10:00	0.000	1463	1501	1561	1578	1570	1543	180
2022/11/17	15:12:00	0.000	1461	1494	1551	1565	1558	1544	180
2022/11/17	15:14:00	0.000	1438	1492	1530	1553	1542	1543	180
2022/11/17	15:16:00	0.000	1428	1471	1494	1530	1512	1543	180
2022/11/17	15:18:00	0.000	1430	1457	1504	1515	1510	1542	180
2022/11/17	15:20:00	0.000	1424	1461	1512	1542	1527	1542	180
2022/11/17	15:22:00	0.000	1443	1466	1527	1566	1547	1542	180
2022/11/17	15:24:00	0.000	1437	1480	1554	1580	1567	1543	180
2022/11/17	15:26:00	0.000	1422	1463	1551	1574	1563	1543	180
2022/11/17	15:28:00	0.000	1449	1493	1555	1571	1563	1543	180
2022/11/17	15:30:00	0.000	1453	1488	1547	1564	1556	1543	180
2022/11/17	15:32:00	0.000	1469	1499	1548	1553	1551	1543	180
2022/11/17	15:34:00	0.000	1473	1506	1527	1548	1538	1543	180
2022/11/17	15:36:00	0.000	1458	1504	1526	1544	1535	1543	180
2022/11/17	15:38:00	0.000	1487	1517	1544	1574	1559	1544	180
2022/11/17	15:40:00	0.000	1484	1521	1558	1574	1566	1544	180
2022/11/17	15:42:00	0.000	1484	1519	1542	1558	1550	1544	180
2022/11/17	15:44:00	0.000	1478	1516	1514	1545	1530	1544	180
2022/11/17	15:46:00	0.000	1464	1504	1493	1516	1505	1543	180
2022/11/17	15:48:00	0.000	1464	1501	1516	1541	1529	1543	180
2022/11/17	15:50:00	0.000	1475	1502	1541	1549	1545	1543	180
2022/11/17	15:52:00	0.000	1465	1499	1545	1570	1558	1543	180
2022/11/17	15:54:00	0.000	1479	1504	1563	1574	1569	1543	180
2022/11/17	15:56:00	0.000	1482	1515	1560	1575	1568	1544	180
2022/11/17	15:58:00	0.000	1449	1499	1527	1560	1544	1544	180
2022/11/17	16:00:00	0.000	1482	1509	1525	1539	1532	1544	180
2022/11/17	16:02:00	0.000	1480	1510	1504	1539	1522	1543	180
2022/11/17	16:04:00	0.000	1484	1514	1495	1513	1504	1542	180
2022/11/17	16:06:00	0.000	1490	1517	1513	1555	1534	1542	180
2022/11/17	16:08:00	0.000	1471	1509	1545	1558	1552	1543	180
2022/11/17	16:10:00	0.000	1484	1513	1551	1574	1563	1543	180
2022/11/17	16:12:00	0.000	1471	1503	1543	1569	1556	1543	180
2022/11/17	16:14:00	0.000	1475	1505	1535	1553	1544	1544	180
2022/11/17	16:16:00	0.000	1471	1496	1504	1535	1520	1543	180
2022/11/17	16:18:00	0.000	1452	1492	1502	1529	1516	1543	180
2022/11/17	16:20:00	0.000	1475	1501	1528	1551	1540	1543	180
2022/11/17	16:22:00	0.000	1468	1501	1533	1554	1544	1542	180
2022/11/17	16:24:00	0.000	1458	1500	1536	1554	1545	1542	180
2022/11/17	16:26:00	0.000	1433	1477	1524	1539	1532	1542	180
2022/11/17	16:28:00	0.000	1380	1457	1520	1546	1533	1542	180
2022/11/17	16:30:00	0.000	1391	1448	1505	1531	1518	1542	180
2022/11/17	16:32:00	0.000	1431	1474	1530	1576	1553	1542	180
2022/11/17	16:34:00	0.000	1452	1477	1572	1580	1576	1543	180
2022/11/17	16:36:00	0.000	1437	1477	1547	1578	1563	1543	180
2022/11/17	16:38:00	0.000	1415	1458	1491	1547	1519	1543	180
2022/11/17	16:40:00	0.000	1437	1467	1482	1516	1499	1543	180
2022/11/17	16:42:00	0.000	1437	1480	1516	1566	1541	1543	180
2022/11/17	16:44:00	0.000	1453	1484	1566	1588	1577	1543	180
2022/11/17	16:46:00	0.000	1463	1501	1553	1585	1569	1543	180
2022/11/17	16:48:00	0.000	1448	1506	1539	1569	1554	1542	180
2022/11/17	16:50:00	0.000	1488	1517	1539	1566	1553	1542	180
2022/11/17	16:52:00	0.000	1473	1520	1538	1567	1553	1543	180
2022/11/17	16:54:00	0.000	1449	1489	1488	1539	1514	1543	180
2022/11/17	16:56:00	0.000	1446	1482	1475	1528	1502	1543	180

2022/11/17	16:58:00	0.000	1455	1492	1528	1556	1542	1543	180
2022/11/17	17:00:00	0.000	1464	1527	1551	1586	1569	1543	180
2022/11/17	17:02:00	0.000	1474	1516	1532	1586	1559	1543	180
2022/11/17	17:04:00	0.000	1450	1490	1512	1532	1522	1542	180
2022/11/17	17:06:00	0.000	1464	1486	1508	1523	1516	1542	180
2022/11/17	17:08:00	0.000	1457	1486	1523	1544	1534	1542	180
2022/11/17	17:10:00	0.000	1475	1510	1544	1574	1559	1542	180
2022/11/17	17:12:00	0.000	1484	1515	1563	1582	1573	1542	180
2022/11/17	17:14:00	0.000	1468	1512	1515	1568	1542	1543	180
2022/11/17	17:16:00	0.000	1471	1504	1496	1516	1506	1542	180
2022/11/17	17:18:00	0.000	1463	1500	1502	1525	1514	1542	180
2022/11/17	17:20:00	0.000	1434	1493	1512	1520	1516	1542	180
2022/11/17	17:22:00	0.000	1474	1516	1520	1598	1559	1542	180
2022/11/17	17:24:00	0.000	1501	1523	1594	1619	1607	1543	180
2022/11/17	17:26:00	0.000	1461	1517	1514	1595	1555	1543	180
2022/11/17	17:28:00	0.000	1489	1518	1504	1521	1513	1542	180
2022/11/17	17:30:00	0.000	1464	1516	1506	1548	1527	1542	180
2022/11/17	17:32:00	0.000	1448	1471	1520	1531	1526	1541	180
2022/11/17	17:34:00	0.000	1431	1472	1526	1541	1534	1541	180
2022/11/17	17:36:00	0.000	1416	1464	1530	1534	1532	1541	180
2022/11/17	17:38:00	0.000	1427	1463	1527	1546	1537	1541	180
2022/11/17	17:40:00	0.000	1421	1468	1542	1553	1548	1542	180
2022/11/17	17:42:00	0.000	1433	1458	1534	1545	1540	1542	180
2022/11/17	17:44:00	0.000	1417	1464	1535	1566	1551	1542	180
2022/11/17	17:46:00	0.000	1430	1467	1524	1554	1539	1542	180
2022/11/17	17:48:00	0.000	1446	1475	1541	1561	1551	1542	180
2022/11/17	17:50:00	0.000	1446	1475	1551	1569	1560	1542	180
2022/11/17	17:52:00	0.000	1464	1495	1555	1576	1566	1542	180
2022/11/17	17:54:00	0.000	1462	1503	1553	1572	1563	1542	180
2022/11/17	17:56:00	0.000	1453	1488	1543	1563	1553	1542	180
2022/11/17	17:58:00	0.000	1450	1478	1534	1543	1539	1542	180
2022/11/17	18:00:00	0.000	1446	1475	1516	1539	1528	1542	180
2022/11/17	18:02:00	0.000	1453	1495	1510	1533	1522	1542	180
2022/11/17	18:04:00	0.000	1460	1493	1533	1564	1549	1542	180
2022/11/17	18:06:00	0.000	1465	1499	1545	1553	1549	1542	180
2022/11/17	18:08:00	0.000	1470	1496	1551	1564	1558	1542	180
2022/11/17	18:10:00	0.000	1453	1494	1537	1561	1549	1542	180
2022/11/17	18:12:00	0.000	1472	1510	1537	1551	1544	1542	180
2022/11/17	18:14:00	0.000	1475	1504	1535	1553	1544	1542	180
2022/11/17	18:16:00	0.000	1477	1509	1542	1567	1555	1543	180
2022/11/17	18:18:00	0.000	1477	1512	1544	1568	1556	1543	180
2022/11/17	18:20:00	0.000	1450	1504	1487	1566	1527	1543	180
2022/11/17	18:22:00	0.000	1463	1488	1487	1537	1512	1543	180
2022/11/17	18:24:00	0.000	1448	1482	1510	1539	1525	1542	180
2022/11/17	18:26:00	0.000	1427	1473	1514	1528	1521	1542	180
2022/11/17	18:28:00	0.000	1447	1487	1528	1547	1538	1542	180
2022/11/17	18:30:00	0.000	1460	1494	1545	1565	1555	1542	180
2022/11/17	18:32:00	0.000	1452	1502	1553	1580	1567	1542	180
2022/11/17	18:34:00	0.000	1476	1503	1545	1594	1570	1542	180
2022/11/17	18:36:00	0.000	1468	1506	1506	1545	1526	1542	180
2022/11/17	18:38:00	0.000	1474	1505	1499	1537	1518	1541	180
2022/11/17	18:40:00	0.000	1449	1504	1537	1556	1547	1541	180
2022/11/17	18:42:00	0.000	1425	1473	1523	1537	1530	1541	180
2022/11/17	18:44:00	0.000	1425	1455	1522	1529	1526	1541	180
2022/11/17	18:46:00	0.000	1400	1445	1523	1535	1529	1541	180
2022/11/17	18:48:00	0.000	1383	1439	1521	1531	1526	1541	180
2022/11/17	18:50:00	0.000	1388	1428	1518	1531	1525	1541	180
2022/11/17	18:52:00	0.000	1400	1435	1522	1570	1546	1541	180
2022/11/17	18:54:00	0.000	1407	1441	1561	1580	1571	1541	180
2022/11/17	18:56:00	0.000	1409	1453	1562	1580	1571	1541	180
2022/11/17	18:58:00	0.000	1441	1474	1559	1579	1569	1541	180
2022/11/17	19:00:00	0.000	1445	1482	1529	1578	1554	1541	180
2022/11/17	19:02:00	0.000	1441	1478	1520	1533	1527	1542	180
2022/11/17	19:04:00	0.000	1438	1471	1512	1533	1523	1542	180
2022/11/17	19:06:00	0.000	1425	1460	1510	1522	1516	1542	180
2022/11/17	19:08:00	0.000	1429	1473	1518	1550	1534	1541	180
2022/11/17	19:10:00	0.000	1446	1490	1550	1566	1558	1541	180
2022/11/17	19:12:00	0.000	1460	1484	1553	1569	1561	1541	180
2022/11/17	19:14:00	0.000	1465	1504	1556	1571	1564	1542	180
2022/11/17	19:16:00	0.000	1471	1497	1545	1565	1555	1542	180
2022/11/17	19:18:00	0.000	1448	1490	1541	1556	1549	1542	180
2022/11/17	19:20:00	0.000	1431	1471	1534	1554	1544	1542	180
2022/11/17	19:22:00	0.000	1429	1470	1515	1551	1533	1542	180
2022/11/17	19:24:00	0.000	1420	1465	1550	1566	1558	1542	180

2022/11/17	19:26:00	0.000	1431	1480	1520	1550	1535	1542	180
2022/11/17	19:28:00	0.000	1455	1493	1528	1557	1543	1543	180
2022/11/17	19:30:00	0.000	1458	1492	1557	1573	1565	1543	180
2022/11/17	19:32:00	0.000	1450	1482	1549	1573	1561	1543	180
2022/11/17	19:34:00	0.000	1444	1474	1517	1555	1536	1543	180
2022/11/17	19:36:00	0.000	1408	1462	1489	1518	1504	1542	180
2022/11/17	19:38:00	0.000	1441	1481	1489	1542	1516	1542	180
2022/11/17	19:40:00	0.000	1460	1493	1542	1586	1564	1543	180
2022/11/17	19:42:00	0.000	1448	1484	1553	1583	1568	1543	180
2022/11/17	19:44:00	0.000	1449	1480	1523	1553	1538	1543	180
2022/11/17	19:46:00	0.000	1440	1477	1506	1523	1515	1542	180
2022/11/17	19:48:00	0.000	1441	1482	1506	1539	1523	1542	180
2022/11/17	19:50:00	0.000	1461	1489	1539	1587	1563	1542	180
2022/11/17	19:52:00	0.000	1439	1485	1545	1583	1564	1542	180
2022/11/17	19:54:00	0.000	1415	1471	1520	1546	1533	1542	180
2022/11/17	19:56:00	0.000	1395	1430	1487	1520	1504	1542	180
2022/11/17	19:58:00	0.000	1370	1417	1494	1512	1503	1542	180
2022/11/17	20:00:00	0.000	1392	1424	1499	1544	1522	1541	180
2022/11/17	20:02:00	0.000	1407	1437	1544	1561	1553	1541	180
2022/11/17	20:04:00	0.000	1415	1454	1557	1566	1562	1542	180
2022/11/17	20:06:00	0.000	1415	1455	1561	1571	1566	1542	180
2022/11/17	20:08:00	0.000	1415	1453	1537	1565	1551	1542	180
2022/11/17	20:10:00	0.000	1402	1437	1523	1537	1530	1542	180
2022/11/17	20:12:00	0.000	1414	1450	1526	1545	1536	1542	180
2022/11/17	20:14:00	0.000	1403	1448	1527	1541	1534	1541	180
2022/11/17	20:16:00	0.000	1401	1448	1514	1527	1521	1542	180
2022/11/17	20:18:00	0.000	1428	1466	1524	1558	1541	1542	180
2022/11/17	20:20:00	0.000	1430	1464	1558	1598	1578	1543	180
2022/11/17	20:22:00	0.000	1435	1468	1558	1591	1575	1543	180
2022/11/17	20:24:00	0.000	1448	1484	1557	1575	1566	1542	180
2022/11/17	20:26:00	0.000	1447	1480	1510	1575	1543	1542	180
2022/11/17	20:28:00	0.000	1446	1474	1485	1510	1498	1542	180
2022/11/17	20:30:00	0.000	1438	1471	1487	1539	1513	1542	180
2022/11/17	20:32:00	0.000	1415	1460	1532	1540	1536	1542	180
2022/11/17	20:34:00	0.000	1415	1445	1528	1557	1543	1542	180
2022/11/17	20:36:00	0.000	1421	1457	1537	1557	1547	1542	180
2022/11/17	20:38:00	0.000	1435	1468	1556	1564	1560	1542	180
2022/11/17	20:40:00	0.000	1448	1486	1537	1558	1548	1543	180
2022/11/17	20:42:00	0.000	1460	1485	1541	1578	1560	1543	180
2022/11/17	20:44:00	0.000	1438	1476	1541	1567	1554	1543	180
2022/11/17	20:46:00	0.000	1418	1466	1531	1549	1540	1543	180
2022/11/17	20:48:00	0.000	1435	1467	1498	1531	1515	1542	180
2022/11/17	20:50:00	0.000	1420	1460	1497	1515	1506	1542	180
2022/11/17	20:52:00	0.000	1421	1458	1515	1540	1528	1541	180
2022/11/17	20:54:00	0.000	1421	1457	1540	1593	1567	1541	180
2022/11/17	20:56:00	0.000	1424	1450	1556	1593	1575	1542	180
2022/11/17	20:58:00	0.000	1433	1492	1555	1573	1564	1542	180
2022/11/17	21:00:00	0.000	1446	1492	1538	1572	1555	1542	180
2022/11/17	21:02:00	0.000	1425	1463	1508	1538	1523	1542	180
2022/11/17	21:04:00	0.000	1403	1456	1506	1518	1512	1542	180
2022/11/17	21:06:00	0.000	1393	1434	1514	1528	1521	1542	180
2022/11/17	21:08:00	0.000	1368	1420	1507	1527	1517	1541	180
2022/11/17	21:10:00	0.000	1380	1411	1518	1535	1527	1541	180
2022/11/17	21:12:00	0.000	1376	1406	1528	1537	1533	1541	180
2022/11/17	21:14:00	0.000	1368	1409	1531	1551	1541	1541	180
2022/11/17	21:16:00	0.000	1392	1432	1534	1560	1547	1541	180
2022/11/17	21:18:00	0.000	1422	1452	1560	1597	1579	1541	180
2022/11/17	21:20:00	0.000	1417	1454	1572	1597	1585	1542	180
2022/11/17	21:22:00	0.000	1417	1453	1547	1572	1560	1542	180
2022/11/17	21:24:00	0.000	1419	1456	1543	1547	1545	1542	180
2022/11/17	21:26:00	0.000	1407	1437	1518	1547	1533	1542	180
2022/11/17	21:28:00	0.000	1412	1445	1520	1539	1530	1542	180
2022/11/17	21:30:00	0.000	1411	1446	1539	1545	1542	1542	180
2022/11/17	21:32:00	0.000	1405	1445	1541	1551	1546	1542	180
2022/11/17	21:34:00	0.000	1415	1441	1532	1542	1537	1542	180
2022/11/17	21:36:00	0.000	1419	1456	1504	1537	1521	1542	180
2022/11/17	21:38:00	0.000	1416	1457	1501	1569	1535	1542	180
2022/11/17	21:40:00	0.000	1437	1462	1569	1578	1574	1542	180
2022/11/17	21:42:00	0.000	1426	1464	1569	1583	1576	1543	180
2022/11/17	21:44:00	0.000	1426	1458	1544	1569	1557	1543	180
2022/11/17	21:46:00	0.000	1431	1471	1541	1545	1543	1543	180
2022/11/17	21:48:00	0.000	1442	1471	1536	1547	1542	1543	180
2022/11/17	21:50:00	0.000	1446	1479	1527	1541	1534	1543	180
2022/11/17	21:52:00	0.000	1438	1475	1541	1546	1544	1543	180

2022/11/17	21:54:00	0.000	1415	1467	1528	1549	1539	1543	180
2022/11/17	21:56:00	0.000	1415	1453	1503	1528	1516	1542	180
2022/11/17	21:58:00	0.000	1426	1452	1516	1524	1520	1542	180
2022/11/17	22:00:00	0.000	1412	1452	1520	1529	1525	1541	180
2022/11/17	22:02:00	0.000	1405	1459	1527	1555	1541	1542	180
2022/11/17	22:04:00	0.000	1428	1465	1555	1597	1576	1542	180
2022/11/17	22:06:00	0.000	1436	1465	1558	1593	1576	1543	180
2022/11/17	22:08:00	0.000	1446	1480	1543	1558	1551	1543	180
2022/11/17	22:10:00	0.000	1448	1482	1549	1561	1555	1543	180
2022/11/17	22:12:00	0.000	1407	1465	1512	1558	1535	1543	180
2022/11/17	22:14:00	0.000	1379	1431	1472	1512	1492	1542	180
2022/11/17	22:16:00	0.000	1368	1411	1491	1518	1505	1541	180
2022/11/17	22:18:00	0.000	1378	1409	1511	1527	1519	1541	180
2022/11/17	22:20:00	0.000	1370	1420	1511	1538	1525	1541	180
2022/11/17	22:22:00	0.000	1392	1435	1538	1604	1571	1541	180
2022/11/17	22:24:00	0.000	1398	1433	1564	1604	1584	1542	180
2022/11/17	22:26:00	0.000	1396	1438	1554	1566	1560	1542	180
2022/11/17	22:28:00	0.000	1409	1449	1553	1568	1561	1542	180
2022/11/17	22:30:00	0.000	1413	1446	1542	1558	1550	1542	180
2022/11/17	22:32:00	0.000	1407	1442	1546	1561	1554	1542	180
2022/11/17	22:34:00	0.000	1424	1450	1532	1546	1539	1542	180
2022/11/17	22:36:00	0.000	1411	1457	1522	1537	1530	1542	180
2022/11/17	22:38:00	0.000	1420	1448	1516	1528	1522	1542	180
2022/11/17	22:40:00	0.000	1423	1450	1516	1549	1533	1542	180
2022/11/17	22:42:00	0.000	1410	1446	1522	1558	1540	1541	180
2022/11/17	22:44:00	0.000	1426	1456	1520	1558	1539	1541	180
2022/11/17	22:46:00	0.000	1428	1460	1558	1579	1569	1542	180
2022/11/17	22:48:00	0.000	1417	1457	1549	1582	1566	1543	180
2022/11/17	22:50:00	0.000	1421	1456	1543	1558	1551	1542	180
2022/11/17	22:52:00	0.000	1418	1454	1539	1556	1548	1542	180
2022/11/17	22:54:00	0.000	1419	1450	1493	1539	1516	1542	180
2022/11/17	22:56:00	0.000	1415	1445	1489	1523	1506	1542	180
2022/11/17	22:58:00	0.000	1420	1453	1520	1541	1531	1542	180
2022/11/17	23:00:00	0.000	1401	1448	1537	1545	1541	1543	180
2022/11/17	23:02:00	0.000	1422	1450	1524	1563	1544	1543	180
2022/11/17	23:04:00	0.000	1424	1459	1563	1583	1573	1543	180
2022/11/17	23:06:00	0.000	1412	1448	1556	1577	1567	1543	180
2022/11/17	23:08:00	0.000	1414	1442	1534	1556	1545	1543	180
2022/11/17	23:10:00	0.000	1425	1453	1541	1561	1551	1543	180
2022/11/17	23:12:00	0.000	1430	1461	1530	1558	1544	1543	180
2022/11/17	23:14:00	0.000	1442	1471	1530	1545	1538	1543	180
2022/11/17	23:16:00	0.000	1450	1479	1539	1546	1543	1543	180
2022/11/17	23:18:00	0.000	1465	1489	1545	1566	1556	1543	180
2022/11/17	23:20:00	0.000	1450	1487	1530	1559	1545	1543	180
2022/11/17	23:22:00	0.000	1428	1469	1493	1530	1512	1542	180
2022/11/17	23:24:00	0.000	1400	1448	1492	1518	1505	1542	180
2022/11/17	23:26:00	0.000	1393	1434	1512	1533	1523	1541	180
2022/11/17	23:28:00	0.000	1384	1422	1528	1539	1534	1542	180
2022/11/17	23:30:00	0.000	1370	1409	1510	1539	1525	1542	180
2022/11/17	23:32:00	0.000	1356	1400	1514	1525	1520	1542	180
2022/11/17	23:34:00	0.000	1363	1412	1520	1561	1541	1542	180
2022/11/17	23:36:00	0.000	1376	1414	1556	1564	1560	1542	180
2022/11/17	23:38:00	0.000	1383	1433	1563	1576	1570	1542	180
2022/11/17	23:40:00	0.000	1404	1451	1565	1577	1571	1542	180
2022/11/17	23:42:00	0.000	1413	1440	1544	1574	1559	1542	180
2022/11/17	23:44:00	0.000	1404	1448	1542	1555	1549	1542	180
2022/11/17	23:46:00	0.000	1409	1450	1534	1556	1545	1542	180
2022/11/17	23:48:00	0.000	1421	1450	1538	1555	1547	1543	180
2022/11/17	23:50:00	0.000	1425	1453	1527	1549	1538	1543	180
2022/11/17	23:52:00	0.000	1425	1462	1515	1543	1529	1543	180
2022/11/17	23:54:00	0.000	1429	1457	1519	1546	1533	1543	180
2022/11/17	23:56:00	0.000	1428	1460	1527	1551	1539	1542	180
2022/11/17	23:58:00	0.000	1434	1474	1551	1588	1570	1542	180

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-9**

Date	Time	Ch. Tag Unit sec	CH02		CH05		Temperature average	3-hour		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		Temperature average	Cell count	
2022/11/15	00:00:00		0.000	5	5	111	111	111	112	4
2022/11/15	00:02:00		0.000	5	5	111	111	111	112	6
2022/11/15	00:04:00		0.000	5	5	111	111	111	112	8
2022/11/15	00:06:00		0.000	5	5	111	111	111	112	10
2022/11/15	00:08:00		0.000	5	5	111	111	111	112	12
2022/11/15	00:10:00		0.000	5	5	111	111	111	112	14
2022/11/15	00:12:00		0.000	5	5	111	111	111	112	16
2022/11/15	00:14:00		0.000	5	5	111	111	111	112	18
2022/11/15	00:16:00		0.000	5	5	111	111	111	112	20
2022/11/15	00:18:00		0.000	5	5	111	111	111	112	22
2022/11/15	00:20:00		0.000	5	5	111	111	111	112	24
2022/11/15	00:22:00		0.000	5	5	111	111	111	112	26
2022/11/15	00:24:00		0.000	5	5	110	111	111	112	28
2022/11/15	00:26:00		0.000	5	5	110	111	111	112	30
2022/11/15	00:28:00		0.000	5	5	110	111	111	112	32
2022/11/15	00:30:00		0.000	5	5	110	111	111	112	34
2022/11/15	00:32:00		0.000	5	5	110	111	111	112	36
2022/11/15	00:34:00		0.000	5	5	110	110	110	112	38
2022/11/15	00:36:00		0.000	5	5	110	111	111	112	40
2022/11/15	00:38:00		0.000	5	5	110	111	111	111	42
2022/11/15	00:40:00		0.000	5	5	110	111	111	111	44
2022/11/15	00:42:00		0.000	5	5	111	111	111	111	46
2022/11/15	00:44:00		0.000	5	5	110	111	111	111	48
2022/11/15	00:46:00		0.000	5	5	110	111	111	111	50
2022/11/15	00:48:00		0.000	5	5	110	111	111	111	52
2022/11/15	00:50:00		0.000	5	5	110	111	111	111	54
2022/11/15	00:52:00		0.000	5	5	110	111	111	111	56
2022/11/15	00:54:00		0.000	5	5	110	111	111	111	58
2022/11/15	00:56:00		0.000	5	5	110	111	111	111	60
2022/11/15	00:58:00		0.000	5	5	110	111	111	111	62
2022/11/15	01:00:00		0.000	5	5	110	111	111	111	64
2022/11/15	01:02:00		0.000	5	5	110	111	111	111	66
2022/11/15	01:04:00		0.000	5	5	110	111	111	111	68
2022/11/15	01:06:00		0.000	5	5	110	110	110	111	70
2022/11/15	01:08:00		0.000	5	5	110	110	110	111	72
2022/11/15	01:10:00		0.000	5	5	110	111	111	111	74
2022/11/15	01:12:00		0.000	5	5	110	111	111	111	76
2022/11/15	01:14:00		0.000	5	5	110	111	111	111	78
2022/11/15	01:16:00		0.000	5	5	110	110	110	111	80
2022/11/15	01:18:00		0.000	5	5	110	111	111	111	82
2022/11/15	01:20:00		0.000	5	5	110	111	111	111	84
2022/11/15	01:22:00		0.000	5	5	110	110	110	111	86
2022/11/15	01:24:00		0.000	5	5	110	110	110	111	88
2022/11/15	01:26:00		0.000	5	5	110	110	110	111	90
2022/11/15	01:28:00		0.000	5	5	110	110	110	111	92
2022/11/15	01:30:00		0.000	5	5	110	110	110	111	94
2022/11/15	01:32:00		0.000	5	5	110	110	110	111	96
2022/11/15	01:34:00		0.000	5	5	110	110	110	111	98
2022/11/15	01:36:00		0.000	5	5	110	110	110	111	100
2022/11/15	01:38:00		0.000	5	5	110	110	110	111	102
2022/11/15	01:40:00		0.000	5	5	110	110	110	111	104
2022/11/15	01:42:00		0.000	5	5	110	110	110	111	106
2022/11/15	01:44:00		0.000	5	5	110	110	110	111	108
2022/11/15	01:46:00		0.000	5	5	110	110	110	111	110
2022/11/15	01:48:00		0.000	5	5	110	110	110	111	112
2022/11/15	01:50:00		0.000	5	5	110	110	110	111	114
2022/11/15	01:52:00		0.000	5	5	110	110	110	111	116
2022/11/15	01:54:00		0.000	5	5	110	110	110	111	118
2022/11/15	01:56:00		0.000	5	5	110	110	110	111	120
2022/11/15	01:58:00		0.000	5	5	110	110	110	111	122
2022/11/15	02:00:00		0.000	5	5	110	110	110	111	124
2022/11/15	02:02:00		0.000	5	5	110	110	110	111	126
2022/11/15	02:04:00		0.000	5	5	110	110	110	111	128
2022/11/15	02:06:00		0.000	5	5	110	110	110	111	130
2022/11/15	02:08:00		0.000	5	5	110	110	110	111	132
2022/11/15	02:10:00		0.000	5	5	110	110	110	111	134





















**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-9**

Date	Time	Ch. Tag Unit sec	CH02		CH05		Temperature average	3-hour		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		Temperature average	Cell count	
2022/11/16	00:00:00		0.000	6	6	119	119	119	121	4
2022/11/16	00:02:00		0.000	6	6	119	119	119	121	6
2022/11/16	00:04:00		0.000	6	6	119	120	120	120	8
2022/11/16	00:06:00		0.000	6	6	119	119	119	120	10
2022/11/16	00:08:00		0.000	6	6	118	119	119	120	12
2022/11/16	00:10:00		0.000	6	6	118	119	119	120	14
2022/11/16	00:12:00		0.000	6	6	118	119	119	120	16
2022/11/16	00:14:00		0.000	6	6	118	119	119	120	18
2022/11/16	00:16:00		0.000	6	6	118	119	119	120	20
2022/11/16	00:18:00		0.000	6	6	119	119	119	120	22
2022/11/16	00:20:00		0.000	6	6	118	119	119	120	24
2022/11/16	00:22:00		0.000	6	6	118	119	119	120	26
2022/11/16	00:24:00		0.000	6	6	118	119	119	120	28
2022/11/16	00:26:00		0.000	6	6	119	119	119	120	30
2022/11/16	00:28:00		0.000	6	6	119	119	119	120	32
2022/11/16	00:30:00		0.000	6	6	119	119	119	120	34
2022/11/16	00:32:00		0.000	6	6	119	119	119	120	36
2022/11/16	00:34:00		0.000	6	6	119	119	119	120	38
2022/11/16	00:36:00		0.000	6	6	119	119	119	120	40
2022/11/16	00:38:00		0.000	6	6	119	119	119	120	42
2022/11/16	00:40:00		0.000	6	6	119	119	119	120	44
2022/11/16	00:42:00		0.000	6	6	119	119	119	120	46
2022/11/16	00:44:00		0.000	6	6	119	119	119	120	48
2022/11/16	00:46:00		0.000	6	6	118	119	119	120	50
2022/11/16	00:48:00		0.000	6	6	118	119	119	120	52
2022/11/16	00:50:00		0.000	6	6	118	119	119	120	54
2022/11/16	00:52:00		0.000	6	6	118	119	119	120	56
2022/11/16	00:54:00		0.000	6	6	118	118	118	120	58
2022/11/16	00:56:00		0.000	6	6	118	119	119	120	60
2022/11/16	00:58:00		0.000	6	6	118	118	118	120	62
2022/11/16	01:00:00		0.000	6	6	118	118	118	120	64
2022/11/16	01:02:00		0.000	6	6	118	118	118	120	66
2022/11/16	01:04:00		0.000	6	6	118	118	118	120	68
2022/11/16	01:06:00		0.000	6	6	118	118	118	120	70
2022/11/16	01:08:00		0.000	6	6	117	118	118	120	72
2022/11/16	01:10:00		0.000	6	6	117	118	118	120	74
2022/11/16	01:12:00		0.000	6	6	117	117	117	120	76
2022/11/16	01:14:00		0.000	6	6	117	117	117	120	78
2022/11/16	01:16:00		0.000	6	6	117	117	117	120	80
2022/11/16	01:18:00		0.000	6	6	117	117	117	120	82
2022/11/16	01:20:00		0.000	6	6	117	117	117	120	84
2022/11/16	01:22:00		0.000	6	6	117	117	117	120	86
2022/11/16	01:24:00		0.000	6	6	116	117	117	120	88
2022/11/16	01:26:00		0.000	6	6	116	117	117	119	90
2022/11/16	01:28:00		0.000	6	6	117	117	117	119	92
2022/11/16	01:30:00		0.000	6	6	117	117	117	119	94
2022/11/16	01:32:00		0.000	6	6	117	117	117	119	96
2022/11/16	01:34:00		0.000	6	6	117	117	117	119	98
2022/11/16	01:36:00		0.000	6	6	117	117	117	119	100
2022/11/16	01:38:00		0.000	6	6	117	117	117	119	102
2022/11/16	01:40:00		0.000	6	6	117	117	117	119	104
2022/11/16	01:42:00		0.000	6	6	117	117	117	119	106
2022/11/16	01:44:00		0.000	6	6	117	117	117	119	108
2022/11/16	01:46:00		0.000	6	6	117	117	117	119	110
2022/11/16	01:48:00		0.000	6	6	117	117	117	119	112
2022/11/16	01:50:00		0.000	6	6	117	117	117	119	114
2022/11/16	01:52:00		0.000	6	6	117	117	117	119	116
2022/11/16	01:54:00		0.000	6	6	117	117	117	119	118
2022/11/16	01:56:00		0.000	6	6	116	117	117	119	120
2022/11/16	01:58:00		0.000	6	6	116	117	117	119	122
2022/11/16	02:00:00		0.000	6	6	116	117	117	119	124
2022/11/16	02:02:00		0.000	6	6	116	117	117	119	126
2022/11/16	02:04:00		0.000	6	6	116	117	117	119	128
2022/11/16	02:06:00		0.000	6	6	117	117	117	119	130
2022/11/16	02:08:00		0.000	6	6	117	117	117	119	132
2022/11/16	02:10:00		0.000	6	6	116	117	117	118	134





2022/11/16	04:40:00	0.000	5	6	114	114	114	116	180
2022/11/16	04:42:00	0.000	5	6	114	114	114	116	180
2022/11/16	04:44:00	0.000	5	6	114	114	114	116	180
2022/11/16	04:46:00	0.000	5	6	113	114	114	115	180
2022/11/16	04:48:00	0.000	5	6	113	114	114	115	180
2022/11/16	04:50:00	0.000	5	6	114	114	114	115	180
2022/11/16	04:52:00	0.000	5	6	114	114	114	115	180
2022/11/16	04:54:00	0.000	5	6	113	114	114	115	180
2022/11/16	04:56:00	0.000	5	6	113	114	114	115	180
2022/11/16	04:58:00	0.000	5	6	113	114	114	115	180
2022/11/16	05:00:00	0.000	5	6	113	114	114	115	180
2022/11/16	05:02:00	0.000	5	6	113	113	113	115	180
2022/11/16	05:04:00	0.000	5	6	113	113	113	115	180
2022/11/16	05:06:00	0.000	5	6	113	113	113	115	180
2022/11/16	05:08:00	0.000	5	6	113	114	114	115	180
2022/11/16	05:10:00	0.000	5	6	113	114	114	115	180
2022/11/16	05:12:00	0.000	5	6	113	114	114	115	180
2022/11/16	05:14:00	0.000	5	6	114	114	114	115	180
2022/11/16	05:16:00	0.000	5	6	114	114	114	115	180
2022/11/16	05:18:00	0.000	5	6	114	114	114	115	180
2022/11/16	05:20:00	0.000	5	6	114	114	114	115	180
2022/11/16	05:22:00	0.000	5	6	114	114	114	115	180
2022/11/16	05:24:00	0.000	5	6	114	114	114	115	180
2022/11/16	05:26:00	0.000	5	6	114	114	114	115	180
2022/11/16	05:28:00	0.000	5	6	114	114	114	115	180
2022/11/16	05:30:00	0.000	5	6	114	114	114	115	180
2022/11/16	05:32:00	0.000	5	6	113	114	114	115	180
2022/11/16	05:34:00	0.000	5	6	113	114	114	115	180
2022/11/16	05:36:00	0.000	5	5	114	114	114	115	180
2022/11/16	05:38:00	0.000	5	6	113	114	114	115	180
2022/11/16	05:40:00	0.000	5	5	113	114	114	115	180
2022/11/16	05:42:00	0.000	5	5	113	113	113	115	180
2022/11/16	05:44:00	0.000	5	6	113	113	113	115	180
2022/11/16	05:46:00	0.000	5	6	113	113	113	114	180
2022/11/16	05:48:00	0.000	5	5	113	113	113	114	180
2022/11/16	05:50:00	0.000	5	6	113	113	113	114	180
2022/11/16	05:52:00	0.000	5	6	113	113	113	114	180
2022/11/16	05:54:00	0.000	5	6	113	113	113	114	180
2022/11/16	05:56:00	0.000	5	6	113	114	114	114	180
2022/11/16	05:58:00	0.000	5	6	113	113	113	114	180
2022/11/16	06:00:00	0.000	5	6	113	113	113	114	180
2022/11/16	06:02:00	0.000	5	5	113	113	113	114	180
2022/11/16	06:04:00	0.000	5	5	113	113	113	114	180
2022/11/16	06:06:00	0.000	5	5	112	113	113	114	180
2022/11/16	06:08:00	0.000	5	736	113	113	113	114	180
2022/11/16	06:10:00	0.000	736	1707	113	644	379	117	180
2022/11/16	06:12:00	0.000	1502	1716	644	1334	989	127	180
2022/11/16	06:14:00	0.000	1522	1765	1334	1917	1626	143	180
2022/11/16	06:16:00	0.000	5	1687	1467	1991	1729	161	180
2022/11/16	06:18:00	0.000	5	6	1031	1467	1249	174	180
2022/11/16	06:20:00	0.000	5	6	796	1031	914	183	180
2022/11/16	06:22:00	0.000	5	6	648	796	722	190	180
2022/11/16	06:24:00	0.000	5	6	543	648	596	195	180
2022/11/16	06:26:00	0.000	5	6	464	543	504	199	180
2022/11/16	06:28:00	0.000	5	6	403	464	434	203	180
2022/11/16	06:30:00	0.000	5	6	355	403	379	206	180
2022/11/16	06:32:00	0.000	5	1633	321	355	338	208	180
2022/11/16	06:34:00	0.000	1620	2291	325	1072	699	215	180
2022/11/16	06:36:00	0.000	276	1990	1072	2020	1546	231	180
2022/11/16	06:38:00	0.000	5	276	1359	2038	1699	248	180
2022/11/16	06:40:00	0.000	5	6	975	1359	1167	260	180
2022/11/16	06:42:00	0.000	5	6	765	975	870	268	180
2022/11/16	06:44:00	0.000	5	6	633	765	699	275	180
2022/11/16	06:46:00	0.000	5	1836	610	1070	840	283	180
2022/11/16	06:48:00	0.000	1547	1707	1070	2089	1580	299	180
2022/11/16	06:50:00	0.000	5	1593	1445 +OVER		1445	314	180
2022/11/16	06:52:00	0.000	5	6	1028	1445	1237	326	180
2022/11/16	06:54:00	0.000	5	1622	861	1028	945	335	180
2022/11/16	06:56:00	0.000	1530	1620	922	1715	1319	349	180
2022/11/16	06:58:00	0.000	5	1832	1715 +OVER		1715	367	180
2022/11/16	07:00:00	0.000	5	5	1177	1764	1471	382	180
2022/11/16	07:02:00	0.000	5	5	890	1177	1034	392	180
2022/11/16	07:04:00	0.000	5	5	716	890	803	400	180
2022/11/16	07:06:00	0.000	5	1621	615	716	666	406	180

2022/11/16	07:08:00	0.000	1561	1954	629	1386	1008	416	180
2022/11/16	07:10:00	0.000	19	1960	1386	+OVER	1386	430	180
2022/11/16	07:12:00	0.000	5	19	1256	1955	1606	446	180
2022/11/16	07:14:00	0.000	5	5	934	1256	1095	457	180
2022/11/16	07:16:00	0.000	5	1092	747	934	841	465	180
2022/11/16	07:18:00	0.000	1092	1956	731	1213	972	475	180
2022/11/16	07:20:00	0.000	1850	1973	1213	1635	1424	489	180
2022/11/16	07:22:00	0.000	1816	1942	1635	1663	1649	506	180
2022/11/16	07:24:00	0.000	1824	1932	1651	1668	1660	524	180
2022/11/16	07:26:00	0.000	1830	1944	1660	1667	1664	541	180
2022/11/16	07:28:00	0.000	1801	1946	1652	1675	1664	558	180
2022/11/16	07:30:00	0.000	1744	1946	1645	1666	1656	575	180
2022/11/16	07:32:00	0.000	1767	1892	1645	1679	1662	592	180
2022/11/16	07:34:00	0.000	1796	1883	1647	1671	1659	610	180
2022/11/16	07:36:00	0.000	1782	1910	1663	1684	1674	627	180
2022/11/16	07:38:00	0.000	1780	1873	1647	1683	1665	644	180
2022/11/16	07:40:00	0.000	1773	1876	1658	1689	1674	661	180
2022/11/16	07:42:00	0.000	1785	1889	1675	1691	1683	679	180
2022/11/16	07:44:00	0.000	1784	1883	1660	1680	1670	696	180
2022/11/16	07:46:00	0.000	1768	1872	1656	1676	1666	713	180
2022/11/16	07:48:00	0.000	1750	1856	1676	1694	1685	731	180
2022/11/16	07:50:00	0.000	1761	1857	1649	1694	1672	748	180
2022/11/16	07:52:00	0.000	1754	1849	1649	1691	1670	766	180
2022/11/16	07:54:00	0.000	1733	1854	1676	1703	1690	783	180
2022/11/16	07:56:00	0.000	1741	1845	1642	1676	1659	800	180
2022/11/16	07:58:00	0.000	1707	1819	1670	1695	1683	818	180
2022/11/16	08:00:00	0.000	1696	1809	1657	1692	1675	835	180
2022/11/16	08:02:00	0.000	1708	1802	1647	1675	1661	852	180
2022/11/16	08:04:00	0.000	1707	1803	1675	1701	1688	870	180
2022/11/16	08:06:00	0.000	1699	1792	1640	1694	1667	887	180
2022/11/16	08:08:00	0.000	1696	1805	1642	1697	1670	904	180
2022/11/16	08:10:00	0.000	1694	1795	1674	1706	1690	922	180
2022/11/16	08:12:00	0.000	1691	1789	1636	1674	1655	939	180
2022/11/16	08:14:00	0.000	1699	1795	1667	1705	1686	956	180
2022/11/16	08:16:00	0.000	1711	1797	1655	1695	1675	974	180
2022/11/16	08:18:00	0.000	1704	1799	1655	1686	1671	991	180
2022/11/16	08:20:00	0.000	1718	1801	1663	1693	1678	1008	180
2022/11/16	08:22:00	0.000	1719	1845	1650	1689	1670	1026	180
2022/11/16	08:24:00	0.000	1722	1861	1658	1695	1677	1043	180
2022/11/16	08:26:00	0.000	1701	1856	1654	1675	1665	1060	180
2022/11/16	08:28:00	0.000	1717	1844	1672	1694	1683	1078	180
2022/11/16	08:30:00	0.000	1723	1820	1654	1699	1677	1095	180
2022/11/16	08:32:00	0.000	1719	1808	1659	1686	1673	1112	180
2022/11/16	08:34:00	0.000	1720	1844	1672	1685	1679	1130	180
2022/11/16	08:36:00	0.000	1718	1830	1664	1673	1669	1147	180
2022/11/16	08:38:00	0.000	1725	1832	1661	1697	1679	1164	180
2022/11/16	08:40:00	0.000	1716	1832	1655	1707	1681	1182	180
2022/11/16	08:42:00	0.000	1697	1809	1642	1686	1664	1199	180
2022/11/16	08:44:00	0.000	1702	1843	1674	1704	1689	1217	180
2022/11/16	08:46:00	0.000	1698	1824	1654	1674	1664	1234	180
2022/11/16	08:48:00	0.000	1698	1822	1671	1679	1675	1251	180
2022/11/16	08:50:00	0.000	1704	1792	1672	1682	1677	1269	180
2022/11/16	08:52:00	0.000	1713	1792	1672	1685	1679	1286	180
2022/11/16	08:54:00	0.000	1698	1791	1660	1691	1676	1303	180
2022/11/16	08:56:00	0.000	1691	1805	1643	1678	1661	1320	180
2022/11/16	08:58:00	0.000	1694	1798	1678	1705	1692	1338	180
2022/11/16	09:00:00	0.000	1696	1781	1655	1690	1673	1355	180
2022/11/16	09:02:00	0.000	1692	1782	1654	1692	1673	1373	180
2022/11/16	09:04:00	0.000	1689	1796	1680	1698	1689	1390	180
2022/11/16	09:06:00	0.000	1698	1782	1665	1680	1673	1408	180
2022/11/16	09:08:00	0.000	1694	1787	1658	1669	1664	1425	180
2022/11/16	09:10:00	0.000	1690	1800	1665	1702	1684	1439	180
2022/11/16	09:12:00	0.000	1688	1782	1649	1701	1675	1447	180
2022/11/16	09:14:00	0.000	1685	1784	1651	1676	1664	1447	180
2022/11/16	09:16:00	0.000	1685	1792	1674	1685	1680	1447	180
2022/11/16	09:18:00	0.000	1693	1793	1651	1689	1670	1451	180
2022/11/16	09:20:00	0.000	1693	1784	1638	1703	1671	1460	180
2022/11/16	09:22:00	0.000	1692	1786	1683	1706	1695	1471	180
2022/11/16	09:24:00	0.000	1693	1790	1644	1693	1669	1483	180
2022/11/16	09:26:00	0.000	1684	1780	1643	1683	1663	1495	180
2022/11/16	09:28:00	0.000	1687	1779	1678	1693	1686	1509	180
2022/11/16	09:30:00	0.000	1678	1785	1658	1678	1668	1524	180
2022/11/16	09:32:00	0.000	1689	1788	1658	1694	1676	1539	180
2022/11/16	09:34:00	0.000	1687	1786	1652	1697	1675	1549	180

2022/11/16	09:36:00	0.000	1675	1771	1645	1689	1667	1551	180
2022/11/16	09:38:00	0.000	1686	1779	1683	1698	1691	1551	180
2022/11/16	09:40:00	0.000	1682	1769	1655	1683	1669	1556	180
2022/11/16	09:42:00	0.000	1675	1776	1666	1682	1674	1565	180
2022/11/16	09:44:00	0.000	1647	1718	1675	1684	1680	1576	180
2022/11/16	09:46:00	0.000	1607	1696	1665	1679	1672	1585	180
2022/11/16	09:48:00	0.000	1603	1686	1665	1688	1677	1586	180
2022/11/16	09:50:00	0.000	1599	1691	1674	1690	1682	1589	180
2022/11/16	09:52:00	0.000	1602	1698	1670	1674	1672	1594	180
2022/11/16	09:54:00	0.000	1620	1706	1666	1679	1673	1602	180
2022/11/16	09:56:00	0.000	1642	1752	1668	1681	1675	1606	180
2022/11/16	09:58:00	0.000	1673	1769	1681	1694	1688	1606	180
2022/11/16	10:00:00	0.000	1682	1772	1654	1683	1669	1608	180
2022/11/16	10:02:00	0.000	1681	1777	1652	1699	1676	1615	180
2022/11/16	10:04:00	0.000	1685	1774	1664	1700	1682	1625	180
2022/11/16	10:06:00	0.000	1683	1768	1651	1690	1671	1636	180
2022/11/16	10:08:00	0.000	1680	1782	1670	1700	1685	1643	180
2022/11/16	10:10:00	0.000	1683	1773	1657	1672	1665	1646	180
2022/11/16	10:12:00	0.000	1685	1777	1672	1694	1683	1647	180
2022/11/16	10:14:00	0.000	1685	1781	1655	1694	1675	1654	180
2022/11/16	10:16:00	0.000	1686	1774	1653	1689	1671	1663	180
2022/11/16	10:18:00	0.000	1689	1775	1683	1697	1690	1671	180
2022/11/16	10:20:00	0.000	1670	1764	1653	1683	1668	1674	180
2022/11/16	10:22:00	0.000	1666	1744	1662	1691	1677	1674	180
2022/11/16	10:24:00	0.000	1678	1754	1680	1691	1686	1674	180
2022/11/16	10:26:00	0.000	1645	1733	1661	1680	1671	1674	180
2022/11/16	10:28:00	0.000	1601	1719	1672	1691	1682	1675	180
2022/11/16	10:30:00	0.000	1605	1698	1669	1689	1679	1675	180
2022/11/16	10:32:00	0.000	1653	1752	1659	1679	1669	1675	180
2022/11/16	10:34:00	0.000	1647	1788	1679	1697	1688	1675	180
2022/11/16	10:36:00	0.000	1678	1776	1677	1682	1680	1675	180
2022/11/16	10:38:00	0.000	1684	1760	1649	1685	1667	1675	180
2022/11/16	10:40:00	0.000	1682	1777	1651	1693	1672	1675	180
2022/11/16	10:42:00	0.000	1684	1768	1679	1706	1693	1675	180
2022/11/16	10:44:00	0.000	1684	1779	1664	1679	1672	1675	180
2022/11/16	10:46:00	0.000	1691	1778	1664	1680	1672	1675	180
2022/11/16	10:48:00	0.000	1685	1774	1680	1689	1685	1675	180
2022/11/16	10:50:00	0.000	1686	1791	1659	1687	1673	1675	180
2022/11/16	10:52:00	0.000	1682	1770	1663	1682	1673	1676	180
2022/11/16	10:54:00	0.000	1684	1782	1666	1681	1674	1675	180
2022/11/16	10:56:00	0.000	1682	1775	1679	1701	1690	1676	180
2022/11/16	10:58:00	0.000	1688	1777	1657	1686	1672	1676	180
2022/11/16	11:00:00	0.000	1683	1787	1668	1696	1682	1676	180
2022/11/16	11:02:00	0.000	1692	1779	1661	1693	1677	1676	180
2022/11/16	11:04:00	0.000	1688	1775	1662	1684	1673	1676	180
2022/11/16	11:06:00	0.000	1678	1781	1673	1698	1686	1676	180
2022/11/16	11:08:00	0.000	1685	1785	1665	1699	1682	1676	180
2022/11/16	11:10:00	0.000	6	1723	1195	1667	1431	1673	180
2022/11/16	11:12:00	0.000	1169	2092	1180	2060	1620	1673	180
2022/11/16	11:14:00	0.000	6	1941	1437	2083	1760	1674	180
2022/11/16	11:16:00	0.000	6	1665	1220	1570	1395	1670	180
2022/11/16	11:18:00	0.000	30	1654	1570	1989	1780	1672	180
2022/11/16	11:20:00	0.000	6	921	1238	1841	1540	1670	180
2022/11/16	11:22:00	0.000	362	4011	1209 +OVER		1209	1665	180
2022/11/16	11:24:00	0.000	6	362	1522 +OVER		1522	1663	180
2022/11/16	11:26:00	0.000	6	3253	1282	1854	1568	1662	180
2022/11/16	11:28:00	0.000	6	3549	1717 +OVER		1717	1663	180
2022/11/16	11:30:00	0.000	6	6	1186	1717	1452	1660	180
2022/11/16	11:32:00	0.000	5	1767	991	1186	1089	1654	180
2022/11/16	11:34:00	0.000	1577	1751	1011	1705	1358	1650	180
2022/11/16	11:36:00	0.000	1505	1870	1618	1733	1676	1650	180
2022/11/16	11:38:00	0.000	1512	1674	1615	1651	1633	1650	180
2022/11/16	11:40:00	0.000	1576	1707	1651	1717	1684	1650	180
2022/11/16	11:42:00	0.000	1533	1711	1693	1717	1705	1650	180
2022/11/16	11:44:00	0.000	1592	1793	1658	1693	1676	1650	180
2022/11/16	11:46:00	0.000	487	1776	1362	1661	1512	1648	180
2022/11/16	11:48:00	0.000	474	552	1318	1362	1340	1645	180
2022/11/16	11:50:00	0.000	6	517	994	1318	1156	1639	180
2022/11/16	11:52:00	0.000	6	6	768	994	881	1630	180
2022/11/16	11:54:00	0.000	6	6	643	768	706	1619	180
2022/11/16	11:56:00	0.000	6	6	551	643	597	1607	180
2022/11/16	11:58:00	0.000	6	6	481	551	516	1594	180
2022/11/16	12:00:00	0.000	6	6	427	481	454	1581	180
2022/11/16	12:02:00	0.000	6	6	385	427	406	1567	180

2022/11/16	12:04:00	0.000	6	6	351	385	368	1552	180
2022/11/16	12:06:00	0.000	6	6	321	351	336	1537	180
2022/11/16	12:08:00	0.000	6	6	298	321	310	1522	180
2022/11/16	12:10:00	0.000	6	6	278	298	288	1507	180
2022/11/16	12:12:00	0.000	6	6	263	278	271	1491	180
2022/11/16	12:14:00	0.000	6	6	249	263	256	1475	180
2022/11/16	12:16:00	0.000	6	6	237	249	243	1459	180
2022/11/16	12:18:00	0.000	6	6	228	237	233	1443	180
2022/11/16	12:20:00	0.000	6	6	220	228	224	1427	180
2022/11/16	12:22:00	0.000	6	6	214	220	217	1411	180
2022/11/16	12:24:00	0.000	6	6	210	214	212	1395	180
2022/11/16	12:26:00	0.000	6	6	206	210	208	1379	180
2022/11/16	12:28:00	0.000	6	6	202	206	204	1362	180
2022/11/16	12:30:00	0.000	6	6	198	202	200	1346	180
2022/11/16	12:32:00	0.000	6	6	195	198	197	1329	180
2022/11/16	12:34:00	0.000	6	6	190	190	190	1313	180
2022/11/16	12:36:00	0.000	6	6	187	190	189	1296	180
2022/11/16	12:38:00	0.000	6	6	185	187	186	1280	180
2022/11/16	12:40:00	0.000	6	6	183	185	184	1263	180
2022/11/16	12:42:00	0.000	6	6	180	183	182	1247	180
2022/11/16	12:44:00	0.000	6	6	178	180	179	1230	180
2022/11/16	12:46:00	0.000	6	6	176	178	177	1213	180
2022/11/16	12:48:00	0.000	6	6	174	176	175	1197	180
2022/11/16	12:50:00	0.000	6	6	171	174	173	1180	180
2022/11/16	12:52:00	0.000	6	6	169	171	170	1163	180
2022/11/16	12:54:00	0.000	6	6	167	169	168	1146	180
2022/11/16	12:56:00	0.000	6	6	165	167	166	1130	180
2022/11/16	12:58:00	0.000	6	6	164	165	165	1113	180
2022/11/16	13:00:00	0.000	6	6	162	164	163	1096	180
2022/11/16	13:02:00	0.000	6	6	161	162	162	1079	180
2022/11/16	13:04:00	0.000	6	6	160	161	161	1062	180
2022/11/16	13:06:00	0.000	6	6	159	160	160	1046	180
2022/11/16	13:08:00	0.000	6	6	158	159	159	1029	180
2022/11/16	13:10:00	0.000	6	6	157	158	158	1012	180
2022/11/16	13:12:00	0.000	6	6	156	157	157	995	180
2022/11/16	13:14:00	0.000	6	6	155	156	156	978	180
2022/11/16	13:16:00	0.000	6	6	154	155	155	961	180
2022/11/16	13:18:00	0.000	6	6	153	154	154	944	180
2022/11/16	13:20:00	0.000	6	6	152	153	153	927	180
2022/11/16	13:22:00	0.000	6	6	151	152	152	910	180
2022/11/16	13:24:00	0.000	6	6	149	151	150	893	180
2022/11/16	13:26:00	0.000	6	6	149	150	150	876	180
2022/11/16	13:28:00	0.000	6	6	148	150	149	859	180
2022/11/16	13:30:00	0.000	6	6	147	148	148	842	180
2022/11/16	13:32:00	0.000	6	6	147	147	147	825	180
2022/11/16	13:34:00	0.000	6	6	146	147	147	808	180
2022/11/16	13:36:00	0.000	6	7	145	147	146	791	180
2022/11/16	13:38:00	0.000	6	7	145	145	145	774	180
2022/11/16	13:40:00	0.000	6	7	144	145	145	757	180
2022/11/16	13:42:00	0.000	6	7	144	145	145	740	180
2022/11/16	13:44:00	0.000	6	7	144	144	144	723	180
2022/11/16	13:46:00	0.000	6	7	144	144	144	706	180
2022/11/16	13:48:00	0.000	6	7	143	144	144	689	180
2022/11/16	13:50:00	0.000	6	7	143	144	144	672	180
2022/11/16	13:52:00	0.000	6	7	142	144	143	655	180
2022/11/16	13:54:00	0.000	7	7	142	142	142	638	180
2022/11/16	13:56:00	0.000	7	7	142	142	142	621	180
2022/11/16	13:58:00	0.000	7	7	142	142	142	604	180
2022/11/16	14:00:00	0.000	7	7	141	142	142	587	180
2022/11/16	14:02:00	0.000	7	7	140	141	141	570	180
2022/11/16	14:04:00	0.000	7	7	140	140	140	553	180
2022/11/16	14:06:00	0.000	7	7	139	140	140	535	180
2022/11/16	14:08:00	0.000	7	7	139	140	140	518	180
2022/11/16	14:10:00	0.000	7	7	139	139	139	504	180
2022/11/16	14:12:00	0.000	7	7	139	139	139	487	180
2022/11/16	14:14:00	0.000	7	7	138	139	139	469	180
2022/11/16	14:16:00	0.000	7	7	138	138	138	455	180
2022/11/16	14:18:00	0.000	7	7	138	138	138	437	180
2022/11/16	14:20:00	0.000	7	7	137	138	138	422	180
2022/11/16	14:22:00	0.000	7	7	137	138	138	410	180
2022/11/16	14:24:00	0.000	7	7	137	137	137	394	180
2022/11/16	14:26:00	0.000	7	7	136	137	137	378	180
2022/11/16	14:28:00	0.000	7	7	136	136	136	361	180
2022/11/16	14:30:00	0.000	7	7	136	136	136	346	180











**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-9**

Date	Time	Ch. Tag Unit sec	CH02		CH05		Temperature average	3-hour		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		Temperature average	Cell count	
2022/11/17	00:00:00		0.000	6	6	117	118	118	118	4
2022/11/17	00:02:00		0.000	6	6	117	118	118	118	6
2022/11/17	00:04:00		0.000	6	6	118	118	118	118	8
2022/11/17	00:06:00		0.000	6	6	118	118	118	118	10
2022/11/17	00:08:00		0.000	6	6	118	118	118	118	12
2022/11/17	00:10:00		0.000	6	6	118	119	119	118	14
2022/11/17	00:12:00		0.000	6	6	119	119	119	118	16
2022/11/17	00:14:00		0.000	6	6	119	119	119	118	18
2022/11/17	00:16:00		0.000	6	6	119	119	119	118	20
2022/11/17	00:18:00		0.000	6	6	119	119	119	118	22
2022/11/17	00:20:00		0.000	6	6	119	119	119	118	24
2022/11/17	00:22:00		0.000	6	6	118	119	119	118	26
2022/11/17	00:24:00		0.000	6	6	118	118	118	118	28
2022/11/17	00:26:00		0.000	6	6	118	119	119	118	30
2022/11/17	00:28:00		0.000	6	6	118	119	119	118	32
2022/11/17	00:30:00		0.000	6	6	118	118	118	118	34
2022/11/17	00:32:00		0.000	6	6	118	118	118	118	36
2022/11/17	00:34:00		0.000	6	6	118	118	118	118	38
2022/11/17	00:36:00		0.000	6	6	118	118	118	118	40
2022/11/17	00:38:00		0.000	6	6	118	118	118	118	42
2022/11/17	00:40:00		0.000	6	6	118	118	118	118	44
2022/11/17	00:42:00		0.000	6	6	118	118	118	118	46
2022/11/17	00:44:00		0.000	6	6	117	118	118	118	48
2022/11/17	00:46:00		0.000	6	6	117	118	118	118	50
2022/11/17	00:48:00		0.000	6	6	117	117	117	118	52
2022/11/17	00:50:00		0.000	6	6	117	117	117	118	54
2022/11/17	00:52:00		0.000	6	6	117	117	117	118	56
2022/11/17	00:54:00		0.000	6	6	117	117	117	118	58
2022/11/17	00:56:00		0.000	6	6	117	118	118	118	60
2022/11/17	00:58:00		0.000	6	6	117	118	118	118	62
2022/11/17	01:00:00		0.000	6	6	117	118	118	118	64
2022/11/17	01:02:00		0.000	6	6	117	118	118	118	66
2022/11/17	01:04:00		0.000	6	6	117	118	118	118	68
2022/11/17	01:06:00		0.000	6	6	117	118	118	118	70
2022/11/17	01:08:00		0.000	6	6	117	118	118	118	72
2022/11/17	01:10:00		0.000	6	6	118	118	118	118	74
2022/11/17	01:12:00		0.000	6	6	117	118	118	118	76
2022/11/17	01:14:00		0.000	6	6	117	118	118	118	78
2022/11/17	01:16:00		0.000	6	6	117	118	118	118	80
2022/11/17	01:18:00		0.000	6	6	117	118	118	118	82
2022/11/17	01:20:00		0.000	6	6	117	118	118	118	84
2022/11/17	01:22:00		0.000	5	6	117	117	117	118	86
2022/11/17	01:24:00		0.000	6	6	117	118	118	118	88
2022/11/17	01:26:00		0.000	5	6	117	117	117	118	90
2022/11/17	01:28:00		0.000	5	6	117	117	117	118	92
2022/11/17	01:30:00		0.000	5	6	117	117	117	118	94
2022/11/17	01:32:00		0.000	5	6	117	117	117	118	96
2022/11/17	01:34:00		0.000	5	6	117	117	117	118	98
2022/11/17	01:36:00		0.000	5	6	117	117	117	118	100
2022/11/17	01:38:00		0.000	6	6	117	117	117	118	102
2022/11/17	01:40:00		0.000	5	6	117	118	118	118	104
2022/11/17	01:42:00		0.000	5	6	117	118	118	118	106
2022/11/17	01:44:00		0.000	5	6	118	118	118	118	108
2022/11/17	01:46:00		0.000	5	6	117	118	118	118	110
2022/11/17	01:48:00		0.000	5	6	117	118	118	118	112
2022/11/17	01:50:00		0.000	5	6	117	118	118	118	114
2022/11/17	01:52:00		0.000	5	6	117	118	118	118	116
2022/11/17	01:54:00		0.000	5	6	117	118	118	118	118
2022/11/17	01:56:00		0.000	5	6	118	118	118	118	120
2022/11/17	01:58:00		0.000	5	6	117	118	118	118	122
2022/11/17	02:00:00		0.000	5	6	117	118	118	118	124
2022/11/17	02:02:00		0.000	5	6	117	117	117	118	126
2022/11/17	02:04:00		0.000	5	6	117	118	118	118	128
2022/11/17	02:06:00		0.000	5	6	117	118	118	118	130
2022/11/17	02:08:00		0.000	5	6	117	118	118	118	132
2022/11/17	02:10:00		0.000	5	6	118	118	118	118	134























December 14, 2022

**Submitted via E-mail to:**

[Permits@baaqmd.gov](mailto:Permits@baaqmd.gov)

Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Change of Permit Conditions Request  
Temperature Higher Operating Value Request for Eight Vertical Landfill Gas Wells  
Ox Mountain Sanitary Landfill, Half Moon Bay, California  
Facility Number A2266

To Whom It May Concern:

Tetra Tech, on behalf of Browning-Ferris Industries of California, Inc. (BFIC), submits this application to the Bay Area Air Quality Management District (BAAQMD) for a change of permit conditions (COPC) request to operate the four current 140 degrees Fahrenheit (F) temperature higher operating value (HOV) landfill gas (LFG) wells and eight additional wells at a HOV for temperature of 145 F at the Ox Mountain Sanitary Landfill (Ox Mountain).

On June 21, 2021, Ox Mountain became subject to the California Emissions Guidelines (EG) Rule, includes compliance with Title 17 California Code of Regulations (CCR) Sections 95460 to 95476, known as the AB 32 Landfill Methane Rule (LMR), and specific portions of 40 Code of Federal Regulations (CFR) Part 62 Subpart OOO. The federal National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 63, Subpart AAAA rule came into effect on September 27, 2021, superseding the major compliance provisions of the California EG Rule. However, because Ox Mountain is still subject to the BAAQMD Regulation 8, Rule 34 as well as the site's permit to operate (PTO) which include the outdated New Source Performance Standards (NSPS) wellhead requirements, the site must still operate wells below 131°F. The Federal NESHAP Subpart AAAA rule, under which BFIC is operating at Ox Mountain, allows for wellhead temperatures of up to 145°F. Therefore, this request is being submitted to the BAAQMD to approve a HOV temperature limit 145°F for the wells listed below as allowed under NEHSAP AAAA in lieu of the operational limit of the 131°F BAAQMD limit is still contained withing Ox Mountains permit.

Vertical Well IDs for Temperature HOV			
OXEW1617	OXEW1807	OXEW1911	OXEW2001
OXEW2004	OXEW2016	OXEW2020	OXMEW186

Additionally, BFIC would also like to request that the four wells granted a HOV of 140°F be increased to 145°F. These wells are listed below:

Current Vertical Well IDs with 140°F Temperature HOV			
OXEW1618	OXMEW205	OXMEW209	OXMPEW35

Previously, the BAAQMD indicated that the United States Environmental Protection Agency (USEPA) would also need to provide their approval of any HOV requests prior to the issuance of the COPC by the BAAQMD. However, in light of the promulgated NESHAP AAAA rule, BFIC believes that the BAAQMD can approve an HOV over the BAAQMD limit since the site is operating under NESHAP AAAA requirements. Please let us know if this is not the case and what other steps are required to approve the HOV request.

**Temperature Background**

Although the Title V Permit for Ox Mountain has not been amended to include the new rules/requirements, including the revised 40 CFR 63, BFIC feels that this Federally set limit is reasonable and therefore is requesting an increase to the limit of 145°F for the eight vertical LFG wells, OXEW1617, OXEW1807, OXEW1911, OXEW2001, OXEW2004, OXEW2016, OXEW2020, and OXMEW186.

The eight additional vertical LFG extraction wells noted in this COPC request have exhibited elevated temperature readings on a consistent basis. However, these higher temperatures do not indicate subsurface oxidation (SSO) or inhibit anaerobic decomposition. The LFG wells are viable and important to the gas collection and control system (GCCS) at Ox Mountain to collect LFG produced by the Source-1 (S-1) landfill and reduce the potential for surface emissions. Additionally, carbon monoxide (CO) readings were collected at each well using stain-tubes and results indicated very low to low levels of CO at each well (zero to 25 parts per million [ppm]), indicating that the source of the heat is not from any potential SSO events. CO sampling results are included in the table below.

Well ID	CO Sampling Result (ppm)
OXEW1617	3
OXEW2004	2
OXEW1807	2
OXEW2016	10
OXEW1911	25
OXEW2020	0
OXEW2001	2
OXMEW186	0

Should the temperature measured at these collectors during routine monitoring exceed the proposed HOV, BFIC will consider it an exceedance and will initiate corrective action and track the deviation in accordance with NESHAP requirements and BFIC standard operational procedures for the site. With the proposed changes of a HOV at the wells listed above, CO monitoring shall only be required when a well exceeds the value of 145°F. If a well exceeds the temperature limit, CO monitoring shall be

required within five days of the elevated temperature reading using a portable CO monitor or a Draeger tube or a USEPA approved test method.

In addition to the monitoring described above, BFIC will complete any root cause or corrective analysis actions as required by 40 CFR 63 Subpart AAAA and will also adhere to the temperature requirements for wells that exceed 145°F which include additional CO sampling and down-well temperature monitoring.

The proposed permit conditions regarding the CO monitoring requirements are detailed below in the “Proposed Change of Conditions” section below.

Please refer to the attached historical wellfield monitoring data for further details.

### Proposed Change of Conditions

BFIC requests that a HOV for temperature for the eight vertical LFG extraction wells identified herein be increased from the standard 131°F to 145°F in accordance with Title V Permit Condition Number 10164 Part 18(b) and requests the four wells granted HOVs of 140°F be increased to 145°F and added to subpart viii, as indicated below in bold:

#### 18. Operating Requirements for Landfill Gas Collection Systems and Collection System Components:

*a. The landfill gas collection systems described in Part 17a(i) shall be operated continuously, unless the Permit Holder complies with all applicable provisions of Regulation 8, Rule 34, Section 113. Individual wells shall not be disconnected or removed, nor isolation valves shut completely off, unless the Permit Holder complies with all applicable requirements of Regulation 8, Rule 34, Sections 113, 116, and 117 or with Part 18c below. (Basis: Regulations 8-34-301.1 and 8-34-404)*

*b. Each landfill gas collection system component listed in Part 17a(i) shall be operated in compliance with the wellhead limits of Regulation 8-34-305 **and all applicable federal regulations**, unless an alternative wellhead limit has been approved for that component, as identified in subpart b(i), and the Permit Holder complies with all of the additional requirements for that component, as identified in subparts b(ii-vii). (Basis: Regulations 8-34-303, 8-34-304, 8-34-305, 40 CFR 60.755(a) and 60.759)*

*viii. The landfill gas temperature limit in Regulation 8-34-305.2 shall not apply to the wells listed below,*

***(a) provided that the landfill gas temperature in each of the following wells does not exceed 140 degrees F: OXEW1618, OXMEW205, OXMEW209, OXMPEW35***

***(b) provided that the landfill gas temperature in each of the following wells does not exceed 145 degrees F: OXEW1618, OXMEW205, OXMEW209, OXMPEW35, OXEW1617, OXEW1807, OXEW1911, OXEW2001, OXEW2004, OXEW2016, OXEW2020, and OXMEW186.***

*ix. The owner/operator shall demonstrate compliance with the alternate wellhead temperature limit in b(viii) by monitoring and recording the temperature of the landfill gas in the wellheads on a monthly basis, in accordance with Regulations 8-34 501.4, 8-34-501.9, and 8-34-505.*

*x. All test dates, wellhead landfill gas temperatures, any deviation with the subpart b(viii) limits, repair actions, repair dates, re-monitoring dates and results, and compliance*

*restoration dates shall be recorded in a District-approved log and made available to District staff upon request in accordance with Regulation 8-34-501.4, 501.9, and 505.*

*xi. If the temperature of the landfill gas in the wellhead exceeds **145 degrees F as listed in part viii. above**, the owner/operator shall investigate the possibility of a subsurface fire at the wellhead by monitoring CO concentration in the wellhead gases and by searching for smoke, smoldering odors, combustion residues, and other fire indicators in the wellhead and in the landfill area near the wellhead. Within 5 days of triggering this fire investigation, the owner/operator shall measure the CO concentration in the landfill gas at the wellhead using a portable CO monitor, CO Draeger tube, or an EPA-approved test method. CO monitoring shall continue according to the frequency specified below:*

*(1) If the CO concentration is greater than 500 ppmv, the owner/operator shall immediately take all steps necessary to prevent or extinguish the subsurface fire, including disconnecting the well from the vacuum system if necessary. If the well is not disconnected from the vacuum system or upon reconnecting the well to the vacuum system, the owner/ operator shall monitor the well for CO concentration, wellhead temperature, and other fire indicators on at least a weekly basis until CO concentration drops to 500 ppmv or less.*

*(2) If the CO concentration is less than or equal to 500 ppmv but great than 100 ppmv, the owner/operator shall monitor CO concentration at least twice per month (not less than once every 15 days) until the CO concentration drops to 100 ppmv or less. Wellhead temperature and other fire indicators shall be evaluated at each of these semi-monthly monitoring events.*

*(3) If the CO concentration is less than or equal to 100 ppmv, the owner/operator shall monitor CO concentration on a monthly basis. CO monitoring may be discontinued if three consecutive CO measurements are 100 ppmv or less and the wellhead temperature during each of these three monitoring events is **145 degrees F** or less. If the component has three or more CO measurements of 100 ppmv or less, but the wellhead temperature was greater than **145 degrees F**, the owner/ operator must receive written approval from the District before discontinuing the monthly CO monitoring at that component.*

*xii. The owner/operator shall record the dates and results of all monitoring events required by this subpart in a District-approved log. If subpart (b)(xi)(1) applies, the owner/operator shall also record all actions taken to prevent or extinguish the fire.*

The proposed changes are intended to allow the twelve vertical LFG extraction wells to remain in operation collecting LFG as intended, while remaining in compliance with permitted limits. Historical data for these twelve vertical LFG extraction wells from May 2022 through November 2022 is included in this application as Attachment B.

### **Permit Application Forms**

BAAQMD Stationary Source Summary Forms, Form P-101B, and Appendix H are attached to this application.

Bay Area Air Quality Management District  
December 14, 2022

Section 5 of form P-101B states that the five items listed in the section must be addressed in all applications. These items are addressed as follows:

- 1) no site location map is required as this is not a new plant;
- 2) a facility map showing the equipment and its emissions points is included in Attachment A;
- 3) BAAQMD application forms and a pollutant flow diagram are included in Attachments C and D, respectively; and
- 4) a description of the proposed permit condition change is provided above; and 5) there are no emissions increases associated with the proposed permit condition change.

BFIC understands that the BAAQMD will issue an invoice for the application fees during the BAAQMD's review of the permit application.

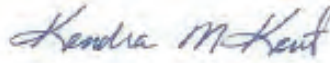
Should you have any questions or comments regarding this submittal or require further information, please contact Kendra Kent at (520) 526-7270.

Sincerely,

**TETRA TECH**



Nat Israel  
Environmental Scientist



Kendra Kent  
Project Manager

Enclosures:

- Attachment A – Site Map
- Attachment B – Historical Wellfield Data
- Attachment C – BAAQMD Application Forms
- Attachment D – Pollutant Flow Diagram

cc: Kelly McDonnell, BFIC  
Ben Wade, BFIC  
Travis Armstrong, BFIC

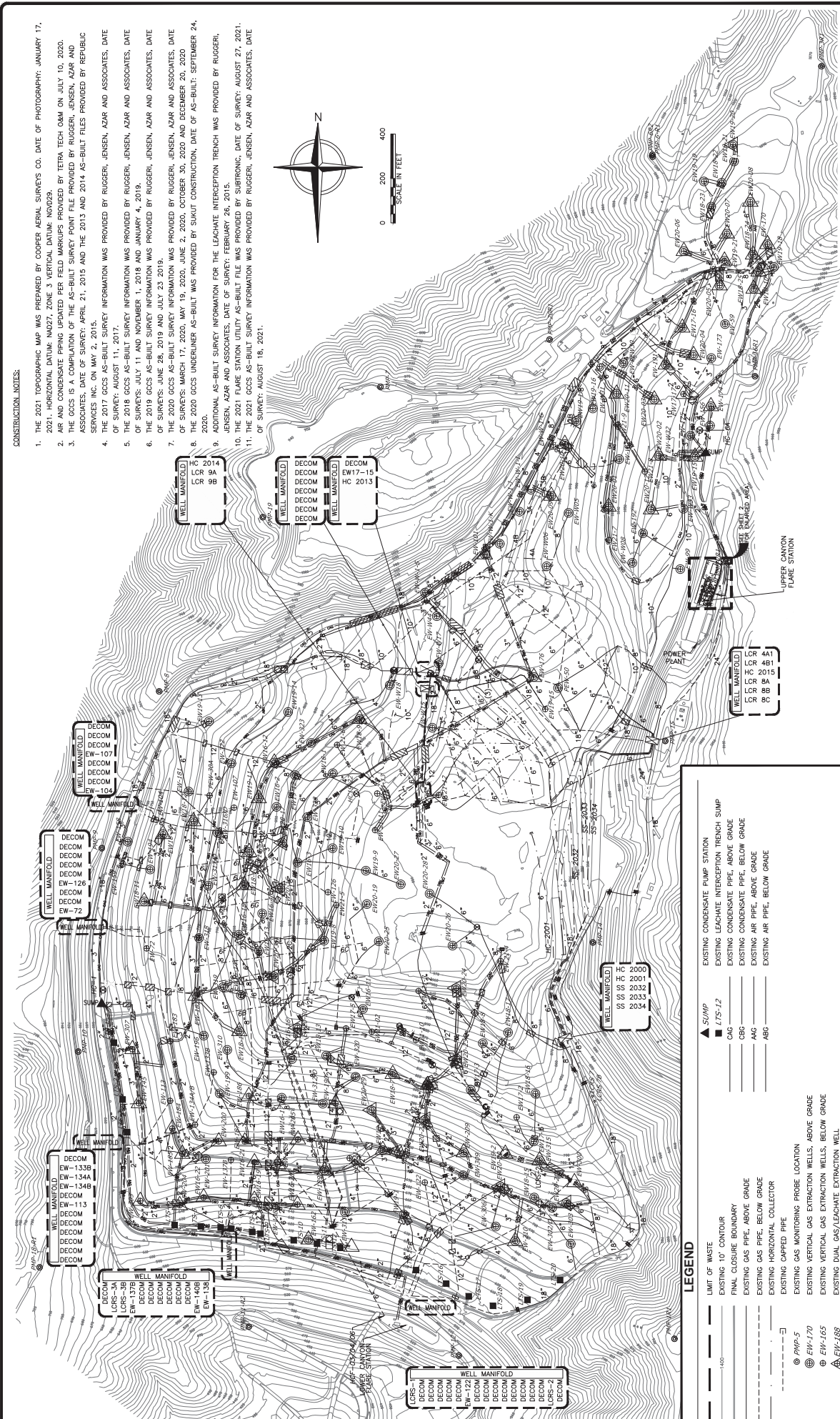
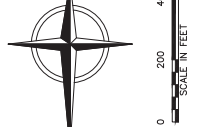


# ATTACHMENT A

## SITE MAP

**CONSTRUCTION NOTES:**

1. THE 2021 TOPOGRAPHIC MAP WAS PREPARED BY COOPER AERIAL SURVEYS CO. DATE OF PHOTOGRAPHY: JANUARY 17, 2021. HORIZONTAL DATUM: NAD27, ZONE 3 VERTICAL DATUM: NAVD83.
2. AIR AND CONDENSATE PIPING UPDATED PER FIELD MARKUPS PROVIDED BY TETRA TECH O&M ON JULY 10, 2020.
3. THE GGCS IS A COMPILATION OF THE AS-BUILT SURVEY POINT FILE PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: APRIL 21, 2015 AND THE 2013 AND 2014 AS-BUILT FILES PROVIDED BY REPUBLIC SERVICES INC. ON MAY 2, 2015.
4. THE 2017 GGCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 11, 2017.
5. THE 2018 GGCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: JULY 11 AND NOVEMBER 1, 2018 AND JANUARY 4, 2019.
6. THE 2019 GGCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: JUNE 28, 2019 AND JULY 23, 2019.
7. THE 2020 GGCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: MARCH 17, 2020, MAY 19, 2020, JUNE 2, 2020, OCTOBER 30, 2020 AND DECEMBER 20, 2020.
8. THE 2020 GGCS UNDERLIER AS-BUILT WAS PROVIDED BY SURVEY CONSTRUCTION, DATE OF AS-BUILT: SEPTEMBER 24, 2020.
9. ALL OTHER AS-BUILT SURVEY INFORMATION FOR THE LEACHATE INTERCEPTION TRENCH WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: FEBRUARY 26, 2015.
10. THE 2021 FLARE STATION UTILITY AS-BUILT FILE WAS PROVIDED BY SUBSTRONIC, DATE OF SURVEY: AUGUST 27, 2021.
11. THE 2021 GGCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 18, 2021.



WELL MANIFOLD	HC 2014
	LCR 9A
	9E

WELL MANIFOLD	DECOM EW17-15
	DECOM
	DECOM
	DECOM
	DECOM
	DECOM

WELL MANIFOLD	LCR 4A1
	LCR 4E
	LCR 2015
	LCR 2018
	LCR 2019
	LCR 2020
	LCR 2021
	LCR 2022
	LCR 2023
	LCR 2024
	LCR 2025
	LCR 2026
	LCR 2027
	LCR 2028
	LCR 2029
	LCR 2030
	LCR 2031
	LCR 2032
	LCR 2033
	LCR 2034

WELL MANIFOLD	DECOM EW-107
	DECOM
	DECOM
	DECOM
	DECOM
	DECOM
	DECOM

WELL MANIFOLD	DECOM EW-126
	DECOM
	DECOM
	DECOM
	DECOM
	DECOM
	DECOM

WELL MANIFOLD	DECOM EW-133B
	EW-134A
	EW-134B
	EW-134C
	EW-134D
	EW-134E
	EW-134F
	EW-134G
	EW-134H
	EW-134I
	EW-134J
	EW-134K
	EW-134L
	EW-134M
	EW-134N
	EW-134O
	EW-134P
	EW-134Q
	EW-134R
	EW-134S
	EW-134T
	EW-134U
	EW-134V
	EW-134W
	EW-134X
	EW-134Y
	EW-134Z

WELL MANIFOLD	DECOM EW-140B
	EW-140C
	EW-140D
	EW-140E
	EW-140F
	EW-140G
	EW-140H
	EW-140I
	EW-140J
	EW-140K
	EW-140L
	EW-140M
	EW-140N
	EW-140O
	EW-140P
	EW-140Q
	EW-140R
	EW-140S
	EW-140T
	EW-140U
	EW-140V
	EW-140W
	EW-140X
	EW-140Y
	EW-140Z

WELL MANIFOLD	DECOM
	DECOM
	DECOM
	DECOM
	DECOM
	DECOM
	DECOM
	DECOM
	DECOM
	DECOM
	DECOM

**LEGEND**

▲ SWMP	EXISTING CONDENSATE PUMP STATION
— 17S-12	EXISTING LEACHATE INTERCEPTION TRENCH SUMP
CS	EXISTING CONDENSATE PIPE, ABOVE GRADE
CG	EXISTING CONDENSATE PIPE, BELOW GRADE
AG	EXISTING AIR PIPE, ABOVE GRADE
ABG	EXISTING AIR PIPE, BELOW GRADE

—	LIMIT OF WASTE
—	EXISTING 10' CONTOUR
—	FINAL CLOSURE BOUNDARY
—	EXISTING GAS PIPE, ABOVE GRADE
—	EXISTING GAS PIPE, BELOW GRADE
—	EXISTING AIR PIPE, ABOVE GRADE
—	EXISTING AIR PIPE, BELOW GRADE
—	EXISTING HORIZONTAL COLLECTOR
—	EXISTING CAPPED PIPE
—	EXISTING GAS MONITORING PROBE LOCATION
—	EXISTING VERTICAL GAS EXTRACTION WELLS, ABOVE GRADE
—	EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE
—	EXISTING DUAL GAS/LEACHATE EXTRACTION WELL
—	EXISTING DUAL CASING GAS/LEACHATE EXTRACTION WELL
—	EXISTING ROAD CROSSING
—	EXISTING REMOTE WELLHEAD
—	EXISTING CONTROL VALVE
—	EXISTING FLANGE CONNECTION
—	EXISTING BRANCH
—	EXISTING REDUCER FITTING

**FINAL - RECORD DRAWINGS**

SHEET NO.

**1**

OY MOUNTAIN LANDFILL  
SAN MATEO COUNTY, CALIFORNIA  
**2021 FLARE STATION UTILITY AS-BUILT  
AS-BUILT SITE PLAN**

**TETRA TECH**  
www.tetra-tech.com

REV	DATE	DESCRIPTION	DRAWN BY	SEI/SJP/KJA	CHECKED BY	AMN

DATE OF ISSUE: 01/27/21

By using this drawing, the user acknowledges and warrants that they understand that this drawing is not intended to be a contract. It is intended to provide information only and does not constitute an offer of any service. The user agrees to hold Tetra Tech, Inc. harmless from and against any and all claims, damages, costs, and expenses, including reasonable attorney's fees, that may be asserted against Tetra Tech, Inc. by any third party, in any capacity, arising from or in connection with the use of this drawing.

## ATTACHMENT B

### HISTORICAL WELLFIELD DATA

Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press [°H2O]	Adj Stat Press [°H2O]	Max Stat Press [°H2O]	Init Diff Press [°H2O]	Adj Diff Press [°H2O]	Init Flow [scfm]	Adj Flow [scfm]	Sys Pressure [°H2O]	Comments
Ox Mountain Sanitary Landfill	OXEW1617	5/11/2022 12:03:56 PM	53.2	40.3	0.0	6.5	130.3	130.4	130.4	-4.08	-4.09	-4.08	0.427	0.462	18.5	19.3	-38.19	Valve Adjustment:No Change,Valve 25% open
Ox Mountain Sanitary Landfill	OXEW1617	5/25/2022 1:30:15 PM	53.2	37.7	0.0	9.1	131.4	130.3	131.4	-3.98	-2.62	-2.62	0.523	0.485	20.2	19.5	-38.04	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 10% open
Ox Mountain Sanitary Landfill	OXEW1617	5/25/2022 1:31:49 PM	53.7	35.9	0.0	10.4	130.3	130.2	130.3	-2.49	-2.49	-2.49	0.079	0.101	7.9	8.9	-38.84	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW1617	6/13/2022 11:04:21 AM	57.0	42.5	0.0	0.5	129.5	129.7	129.7	-1.03	-1.04	-1.03	0.131	0.298	10.3	15.5	-29.86	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
Ox Mountain Sanitary Landfill	OXEW1617	6/27/2022 12:02:36 PM	55.9	43.3	0.0	0.8	130.9	130.2	130.9	-1.55	-1.18	-1.18	0.354	0.161	16.9	11.4	-41.12	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 10% open
Ox Mountain Sanitary Landfill	OXEW1617	6/27/2022 12:03:49 PM	56.2	43.1	0.0	0.7	130.1	130.4	130.4	-1.35	-1.31	-1.31	0.079	0.004	8.0	1.9	-41.25	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW1617	7/12/2022 11:08:26 AM	57.6	41.8	0.0	0.6	129.3	129.6	129.6	-0.72	-0.89	-0.72	0.124	0.217	10.0	13.3	-41.79	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
Ox Mountain Sanitary Landfill	OXEW1617	7/18/2022 4:50:29 PM	57.8	41.5	0.0	0.7	130.8	130.1	130.8	-1.40	-0.95	-0.95	0.230	0.107	13.6	9.3	-41.52	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 5% open
Ox Mountain Sanitary Landfill	OXEW1617	7/18/2022 4:51:56 PM	57.9	42.0	0.0	0.1	129.8	130.0	130.0	-0.88	-0.87	-0.87	0.085	0.093	8.3	8.7	-41.66	Valve Adjustment:No Change,Valve 5% open
Ox Mountain Sanitary Landfill	OXEW1617	8/11/2022 2:12:21 PM	57.8	41.8	0.0	0.4	129.3	129.6	129.6	-0.05	-0.07	-0.05	0.039	0.032	5.6	5.1	-38.19	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
Ox Mountain Sanitary Landfill	OXEW1617	8/25/2022 9:30:34 AM	0.0	0.0	21.0	79.0	128.3	127.6	128.3	-1.35	-1.16	-1.16	0.101	0.226	9.1	13.6	-44.65	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 10% open
Ox Mountain Sanitary Landfill	OXEW1617	8/25/2022 9:32:01 AM	56.2	43.5	0.2	0.1	128.0	127.6	128.0	-1.29	-1.31	-1.29	0.082	0.063	8.2	7.2	-44.10	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW1617	9/9/2022 9:15:35 AM	56.3	42.3	0.0	1.4	125.9	130.0	130.0	0.68	-0.06	0.68	0.026	0.112	4.6	9.5	-39.51	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open
Ox Mountain Sanitary Landfill	OXEW1617	9/9/2022 9:16:26 AM	57.3	42.5	0.1	0.1	130.2	129.9	130.2	-0.10	-0.10	-0.10	0.103	0.106	9.1	9.3	-39.95	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW1617	9/23/2022 1:22:57 PM	56.7	41.0	0.0	2.3	130.9	130.2	130.9	-0.69	-0.27	-0.27	0.113	0.058	9.6	6.9	-43.59	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 5% open
Ox Mountain Sanitary Landfill	OXEW1617	9/23/2022 1:23:31 PM	57.2	41.5	0.8	0.5	130.3	129.9	130.3	-0.26	-0.26	-0.26	0.053	0.050	6.6	6.4	-43.12	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW1617	10/14/2022 10:18:42 AM	57.1	42.3	0.0	0.6	129.1	129.6	129.6	-0.60	-0.91	-0.60	0.103	0.139	9.2	10.6	-44.83	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
Ox Mountain Sanitary Landfill	OXEW1617	10/28/2022 12:53:06 PM	56.1	40.2	0.1	3.6	129.7	130.1	130.1	-2.61	-2.04	-2.04	0.643	0.507	22.6	20.1	-44.18	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
Ox Mountain Sanitary Landfill	OXEW1617	11/7/2022 2:20:45 PM	52.7	45.7	0.0	1.6	129.2	129.1	129.1	-1.02	-1.02	-1.02	0.040	0.040	5.6	5.6	-44.16	Valve Adjustment:No Change,Valve 15% open
Ox Mountain Sanitary Landfill	OXEW1617	11/23/2022 11:21:50 AM	55.5	44.5	0.0	0.0	69.3	67.5	69.3	-1.36	-1.48	-1.36	0.208	0.286	13.7	16.1	-44.12	Valve Adjustment:Opened valve 1/2 turn or less

Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press [H2O]	Adj Stat Press [H2O]	Max Press [H2O]	Init Diff Press [H2O]	Adj Diff Press [H2O]	Init Flow [scfm]	Adj Flow [scfm]	Sys Pressure [H2O]	Comments
Ox Mountain Sanitary Landfill	OXEVA1807	5/6/2022 1:24:42 PM	53.1	35.6	0.3	11.0	130.2	130.2	130.2	-16.04	-16.02	-16.02	3.344	3.332	50.3	50.2	-35.43	Valve Adjustment: No Change, Valve 45% open
Ox Mountain Sanitary Landfill	OXEVA1807	5/23/2022 12:23:19 PM	52.0	40.2	0.7	7.1	132.0	130.4	132.0	-47.17	-10.01	-10.01	3.623	0.880	52.1	26.0	-39.70	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 30% open
Ox Mountain Sanitary Landfill	OXEVA1807	5/23/2022 12:24:49 PM	54.9	39.7	0.7	4.7	130.4	130.4	130.4	-9.13	-9.12	-9.12	0.994	0.918	27.7	26.6	-37.68	Valve Adjustment: No Change, Valve 30% open
Ox Mountain Sanitary Landfill	OXEVA1807	6/14/2022 12:44:42 PM	58.6	40.1	0.4	0.9	131.0	130.3	131.0	-3.91	-2.04	-2.04	1.242	0.723	31.6	24.2	-39.93	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 25% open
Ox Mountain Sanitary Landfill	OXEVA1807	6/14/2022 12:48:08 PM	59.0	40.7	0.2	0.0	130.4	130.3	130.4	-0.79	-1.61	-1.61	0.649	0.728	22.9	24.3	-37.55	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEVA1807	6/28/2022 10:00:55 AM	58.7	41.3	0.0	0.0	131.8	131.8	131.8	-1.68	-1.68	-1.68	0.896	0.590	26.9	21.9	-39.74	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 20% open
Ox Mountain Sanitary Landfill	OXEVA1807	6/28/2022 10:06:53 AM	58.7	41.2	0.1	0.0	131.7	131.8	131.8	-0.05	-0.05	-0.05	0.883	0.854	26.7	26.3	-40.55	Valve Adjustment: NSPS/CAI, Valve 20% open
Ox Mountain Sanitary Landfill	OXEVA1807	7/7/2022 9:26:01 AM	58.1	38.5	0.1	3.3	131.2	130.4	131.2	-0.34	-0.05	-0.05	0.830	0.724	25.6	23.9	-40.38	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 25% open
Ox Mountain Sanitary Landfill	OXEVA1807	7/7/2022 9:26:59 AM	58.6	41.4	0.0	0.0	130.3	130.4	130.4	-0.17	-0.30	-0.17	0.822	0.908	25.5	26.8	-39.94	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 30% open
Ox Mountain Sanitary Landfill	OXEVA1807	7/18/2022 5:45:16 PM	53.4	37.1	1.5	8.0	130.2	130.3	130.3	-7.05	-7.07	-7.05	1.893	1.864	38.8	38.5	-43.67	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 30% open
Ox Mountain Sanitary Landfill	OXEVA1807	8/12/2022 11:40:11 AM	55.3	37.5	1.4	5.8	130.0	130.1	130.1	-4.66	-4.51	-4.51	1.081	1.057	29.4	29.1	-42.79	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEVA1807	8/24/2022 10:00:49 AM	57.1	39.9	0.7	2.3	130.4	130.1	130.4	-3.86	-3.37	-3.37	1.116	0.730	29.9	24.3	-43.00	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 30% open
Ox Mountain Sanitary Landfill	OXEVA1807	8/24/2022 10:01:29 AM	57.1	40.2	0.8	1.9	130.0	130.0	130.0	-2.70	-2.70	-2.70	0.858	0.873	26.3	26.5	-42.95	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEVA1807	9/9/2022 10:04:12 AM	57.3	42.5	0.2	0.0	131.8	132.2	132.2	-0.58	-0.22	-0.22	0.911	0.923	27.1	27.3	-39.74	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 25% open
Ox Mountain Sanitary Landfill	OXEVA1807	9/9/2022 10:11:00 AM	57.7	42.3	0.0	0.0	132.0	132.2	132.2	-0.65	-0.18	-0.18	1.008	0.770	28.5	25.0	-38.76	Valve Adjustment: NSPS
Ox Mountain Sanitary Landfill	OXEVA1807	9/19/2022 1:18:39 PM	58.2	41.5	0.3	0.0	131.7	130.1	131.7	-1.54	2.19	2.19	0.862	0.074	26.4	7.8	-42.85	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 15% open
Ox Mountain Sanitary Landfill	OXEVA1807	9/19/2022 1:26:48 PM	59.1	38.4	0.2	2.3	130.0	131.9	131.9	2.50	-0.09	2.50	0.076	0.876	7.9	26.6	-43.41	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 25% open
Ox Mountain Sanitary Landfill	OXEVA1807	9/19/2022 1:29:35 PM	60.0	39.9	0.1	0.0	131.9	132.1	132.1	-0.31	-0.29	-0.29	0.849	0.758	26.2	24.8	-42.65	Valve Adjustment: NSPS
Ox Mountain Sanitary Landfill	OXEVA1807	10/14/2022 9:48:37 AM	59.4	39.7	0.0	0.9	131.3	131.6	131.6	1.11	-0.04	1.11	0.552	0.801	21.2	25.5	-44.10	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 25% open
Ox Mountain Sanitary Landfill	OXEVA1807	10/14/2022 9:50:35 AM	59.7	40.2	0.0	0.1	131.6	131.7	131.7	-0.10	-0.09	-0.09	0.720	0.777	24.1	25.1	-44.15	Valve Adjustment: NSPS, Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEVA1807	10/14/2022 9:51:09 AM	58.9	40.9	0.2	0.0	131.6	131.6	131.6	-0.10	-0.09	-0.09	0.709	0.765	24.0	24.9	-44.83	Valve Adjustment: NSPS
Ox Mountain Sanitary Landfill	OXEVA1807	10/27/2022 1:18:12 PM	56.3	43.7	0.0	0.0	131.8	131.8	131.8	-0.45	-0.02	-0.02	0.717	0.673	23.8	23.1	-43.17	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 20% open
Ox Mountain Sanitary Landfill	OXEVA1807	10/27/2022 1:29:37 PM	55.8	44.2	0.0	0.0	132.1	132.1	132.1	0.05	-0.10	0.05	0.694	0.722	23.4	23.9	-42.43	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEVA1807	10/27/2022 1:31:10 PM	55.1	44.9	0.0	0.0	132.0	132.0	132.0	-0.13	-0.10	-0.10	0.594	0.705	21.7	23.6	-42.86	Valve Adjustment: NSPS
Ox Mountain Sanitary Landfill	OXEVA1807	11/11/2022 1:48:00 PM	55.1	44.9	0.0	0.0	131.7	131.7	131.7	0.28	-0.05	0.28	0.681	0.828	23.2	25.6	-40.90	Valve Adjustment: NSPS, Opened valve 1/2 turn or less, Valve 20% open
Ox Mountain Sanitary Landfill	OXEVA1807	11/11/2022 1:50:06 PM	58.5	40.5	0.0	1.0	131.7	131.7	131.7	-0.10	-0.11	-0.10	0.796	0.791	25.1	25.0	-40.66	Valve Adjustment: NSPS, Valve 25% open
Ox Mountain Sanitary Landfill	OXEVA1807	11/28/2022 11:41:41 AM	58.2	41.8	0.0	0.0	132.5	132.6	132.6	-0.13	-0.12	-0.12	0.753	0.874	24.7	26.6	-40.95	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEVA1807	11/28/2022 11:46:12 AM	57.2	42.8	0.0	0.0	132.5	132.6	132.6	-0.11	-0.09	-0.09	0.768	0.714	24.9	24.0	-41.32	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less

Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press [°H2O]	Adj Stat Press [°H2O]	Max Press [°H2O]	Int Diff Press [°H2O]	Adj Diff Press [°H2O]	Init Flow [scfm]	Adj Flow [scfm]	Sys Pressure [°H2O]	Comments
Ox Mountain Sanitary Landfill	OXEW1911	5/3/2022 10:28:40 AM	58.1	41.9	0.0	0.0	128.0	127.5	128.0	-24.90	-25.48	-24.90	0.565	0.700	9.3	10.4	-32.78	Valve Adjustment: Opened valve 1/2 turn or less, Valve 35% open
Ox Mountain Sanitary Landfill	OXEW1911	5/27/2022 12:56:51 PM	57.3	39.2	0.1	3.4	129.7	130.0	130.0	-35.37	-35.19	-35.19	0.666	0.628	9.8	9.5	-40.12	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
Ox Mountain Sanitary Landfill	OXEW1911	6/6/2022 11:34:04 AM	59.0	38.9	0.1	2.0	129.4	129.3	129.4	-36.56	-36.51	-36.51	0.662	0.672	9.9	10.0	-39.72	Valve Adjustment: Opened valve 1/2 turn or less, Valve 40% open
Ox Mountain Sanitary Landfill	OXEW1911	6/21/2022 9:26:48 AM	57.9	42.1	0.0	0.0	129.8	129.8	129.8	-32.92	-32.84	-32.84	0.636	0.581	9.8	9.3	-36.78	Valve Adjustment: Opened valve 1/2 turn or less, Valve 40% open
Ox Mountain Sanitary Landfill	OXEW1911	7/7/2022 10:43:07 AM	55.9	44.0	0.1	0.0	129.7	130.3	130.3	-37.27	-37.68	-37.27	0.249	0.885	6.0	11.3	-40.71	Valve Adjustment: Opened valve 1/2 turn to 1 turn, Valve 50% open
Ox Mountain Sanitary Landfill	OXEW1911	7/27/2022 10:12:42 AM	57.8	41.1	0.0	1.1	128.3	128.6	128.6	-37.48	-36.86	-36.86	0.574	0.533	9.2	8.9	-39.38	Valve Adjustment: Opened valve 1/2 turn or less, Valve 50% open
Ox Mountain Sanitary Landfill	OXEW1911	8/9/2022 9:10:26 AM	57.6	39.1	0.0	3.3	127.9	128.1	128.1	-40.58	-40.60	-40.58	0.571	0.633	9.2	9.6	-42.89	Valve Adjustment: Opened valve 1/2 turn or less, Valve 55% open
Ox Mountain Sanitary Landfill	OXEW1911	8/18/2022 9:06:53 AM	58.5	41.3	0.1	0.1	128.6	128.7	128.7	-37.01	-37.01	-37.01	0.662	0.588	9.9	9.3	-39.08	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW1911	9/13/2022 12:52:53 PM	57.9	42.0	0.1	0.0	127.0	127.3	127.3	-36.94	-37.53	-36.94	0.613	0.543	9.5	9.0	-39.25	Valve Adjustment: Opened valve 1/2 turn or less, Valve 60% open
Ox Mountain Sanitary Landfill	OXEW1911	9/27/2022 10:28:33 AM	56.9	41.1	0.2	1.8	127.7	127.8	127.8	-42.97	-43.00	-42.97	0.668	0.616	9.9	9.5	-44.77	Valve Adjustment: No Change, Valve 55% open
Ox Mountain Sanitary Landfill	OXEW1911	10/12/2022 11:44:35 AM	57.1	39.2	0.1	3.6	128.7	128.6	128.7	-41.63	-41.59	-41.59	0.690	0.641	10.1	9.7	-43.34	Valve Adjustment: Opened valve 1/2 turn or less, Valve 60% open
Ox Mountain Sanitary Landfill	OXEW1911	10/27/2022 12:32:00 PM	57.6	40.6	0.2	1.6	127.8	127.8	127.8	-42.02	-42.33	-42.02	0.627	0.626	9.5	9.4	-44.19	Valve Adjustment: Opened valve 1/2 turn or less, Valve 70% open
Ox Mountain Sanitary Landfill	OXEW1911	11/3/2022 2:21:02 PM	55.6	40.8	0.2	3.4	127.2	127.2	127.2	-43.37	-43.75	-43.37	1.286	0.802	13.6	10.7	-44.94	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW1911	11/23/2022 11:15:13 AM	53.2	46.8	0.0	0.0	126.8	126.7	126.8	-42.94	-42.88	-42.88	1.046	0.885	12.2	11.2	-44.77	Valve Adjustment: No Change, Valve 80% open

Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press [°H2O]	Adj Stat Press [°H2O]	Max Stat Press [°H2O]	Init Diff Press [°H2O]	Adj Diff Press [°H2O]	Init Flow [scfm]	Adj Flow [scfm]	Sys Pressure [°H2O]	Comments
Ox Mountain Sanitary Landfill	OXEW2001	5/11/2022 9:36:08 AM	43.7	39.2	0.0	17.1	121.3	120.8	121.3	-1.57	-1.41	-1.41	1.879	1.417	9.6	8.4	-37.91	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open
Ox Mountain Sanitary Landfill	OXEW2001	5/19/2022 8:26:07 AM	47.6	43.5	0.0	8.9	121.2	121.3	121.3	-0.95	-0.92	-0.92	1.462	1.414	8.4	8.2	-35.13	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2001	6/2/2022 12:50:12 PM	46.1	39.3	0.0	14.6	122.1	122.5	122.5	-1.01	-1.01	-1.01	1.649	1.411	9.0	8.3	-36.78	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2001	6/29/2022 8:42:27 AM	45.4	37.3	0.0	17.3	123.4	123.2	123.4	-1.10	-1.10	-1.10	1.726	1.530	9.2	8.7	-42.15	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2001	7/6/2022 10:39:07 AM	41.1	38.3	0.0	20.6	123.7	123.5	123.7	-1.37	-1.32	-1.32	1.459	1.481	8.5	8.5	-39.82	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open
Ox Mountain Sanitary Landfill	OXEW2001	7/26/2022 2:26:15 PM	39.1	35.1	0.0	25.8	123.3	123.3	123.3	-1.42	-1.40	-1.40	1.501	1.516	8.6	8.6	-38.22	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2001	8/4/2022 1:29:28 PM	40.2	38.5	0.0	21.3	123.6	123.5	123.6	-1.23	-1.20	-1.20	1.384	1.453	8.2	8.4	-36.91	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open
Ox Mountain Sanitary Landfill	OXEW2001	8/24/2022 12:09:59 PM	55.6	44.3	0.1	0.0	131.8	132.2	132.2	0.18	-0.06	0.18	2.533	3.042	11.1	12.1	-46.58	Valve Adjustment: NSFS/(CAI), Opened valve 1/2 turn or less, Valve 10% open
Ox Mountain Sanitary Landfill	OXEW2001	8/24/2022 12:11:30 PM	51.0	39.0	1.7	8.3	132.4	132.4	132.4	-0.07	-0.06	-0.06	3.098	3.079	12.2	12.2	-48.64	Valve Adjustment: NSFS, No Change
Ox Mountain Sanitary Landfill	OXEW2001	9/2/2022 10:30:30 AM	50.8	43.1	0.0	6.1	131.1	130.4	131.1	-0.91	-0.78	-0.78	2.913	2.453	11.9	10.9	-47.70	Valve Adjustment: NSFS/(CAI), Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2001	9/2/2022 10:31:39 AM	50.4	43.9	0.0	5.7	130.4	130.3	130.4	-0.61	-0.59	-0.59	2.109	2.056	10.1	10.0	-47.14	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open
Ox Mountain Sanitary Landfill	OXEW2001	9/19/2022 12:13:45 PM	52.9	42.9	0.0	4.2	69.5	69.0	69.5	-0.48	-0.47	-0.47	2.211	2.185	10.9	10.9	-47.51	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW2001	9/19/2022 12:14:54 PM	53.0	42.8	0.2	4.0	127.9	128.5	128.5	-0.45	-0.46	-0.45	2.171	2.195	10.3	10.3	-47.25	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW2001	10/10/2022 12:53:32 PM	50.8	41.8	0.1	7.3	127.0	127.2	127.2	-0.71	-0.72	-0.71	2.182	2.214	10.3	10.4	-45.49	Valve Adjustment: Closed valve 1/2 turn or less, Valve 10% open
Ox Mountain Sanitary Landfill	OXEW2001	10/21/2022 1:19:02 PM	51.8	42.6	0.0	5.6	124.3	124.3	124.3	-0.72	-0.72	-0.72	2.195	2.202	10.4	10.4	-48.88	Valve Adjustment: Closed valve 1/2 turn or less, Valve 10% open
Ox Mountain Sanitary Landfill	OXEW2001	11/2/2022 12:56:14 PM	49.5	44.9	0.0	5.6	123.5	123.7	123.7	-0.80	-0.79	-0.79	2.069	2.090	9.9	10.0	-45.32	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open
Ox Mountain Sanitary Landfill	OXEW2001	11/18/2022 1:33:45 PM	51.8	43.7	0.0	4.5	124.6	124.4	124.6	-0.56	-0.55	-0.55	1.996	2.139	9.7	10.1	-45.21	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open

Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press [°H2O]	Adj Stat Press [°H2O]	Max Press [°H2O]	Int Diff Press [°H2O]	Adj Diff Press [°H2O]	Init Flow [scfm]	Adj Flow [scfm]	Sys Pressure [°H2O]	Comments
Ox Mountain Sanitary Landfill	OXEW2004	5/11/2022 8:41:00 AM	53.6	41.2	0.1	5.1	129.5	129.5	129.5	-35.03	-35.04	-35.03	4.515	4.697	42.9	43.8	-42.75	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
Ox Mountain Sanitary Landfill	OXEW2004	5/17/2022 12:21:57 PM	52.7	38.8	0.0	8.5	129.7	129.8	129.8	-33.58	-33.61	-33.58	4.268	4.334	55.2	55.6	-41.10	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
Ox Mountain Sanitary Landfill	OXEW2004	6/2/2022 9:21:36 AM	53.5	40.9	0.0	5.6	129.8	129.8	129.8	-36.53	-36.55	-36.53	4.517	4.605	57.6	58.1	-44.23	Valve Adjustment:Valve 100% open,Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2004	6/16/2022 10:16:39 AM	53.6	39.9	0.0	6.5	129.8	129.8	129.8	-35.71	-35.61	-35.61	4.223	4.232	55.7	55.8	-42.18	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2004	7/1/2022 12:27:53 PM	54.2	39.6	0.0	6.2	129.5	129.5	129.5	-37.17	-37.21	-37.17	4.539	4.480	57.7	57.3	-44.38	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
Ox Mountain Sanitary Landfill	OXEW2004	7/22/2022 10:52:48 AM	51.6	39.3	0.0	9.1	129.5	129.5	129.5	-39.90	-39.90	-39.90	4.933	4.977	59.9	60.1	-47.53	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW2004	8/2/2022 12:43:10 PM	52.1	41.6	0.0	6.3	129.8	129.8	129.8	-39.78	-39.73	-39.73	5.567	5.523	63.6	63.3	-48.91	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW2004	8/16/2022 10:27:36 AM	51.7	38.9	0.1	9.3	129.9	129.8	129.9	-32.75	-32.77	-32.75	3.892	3.943	53.7	54.1	-38.78	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW2004	9/2/2022 9:38:11 AM	50.5	40.9	0.0	8.6	129.0	129.1	129.1	-40.93	-40.73	-40.73	5.491	5.418	63.1	62.7	-50.32	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
Ox Mountain Sanitary Landfill	OXEW2004	9/16/2022 9:52:12 AM	49.5	38.4	0.5	11.6	129.0	129.2	129.2	-41.91	-37.93	-37.93	5.615	3.934	63.7	53.7	-50.83	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 60% open
Ox Mountain Sanitary Landfill	OXEW2004	10/4/2022 9:34:05 AM	54.2	41.3	0.0	4.5	129.0	129.1	129.1	-33.82	-33.82	-33.82	4.539	4.491	58.0	57.7	-51.87	Valve Adjustment:No Change,Valve 60% open
Ox Mountain Sanitary Landfill	OXEW2004	10/20/2022 1:52:53 PM	54.5	39.3	0.0	6.2	129.1	129.1	129.1	-33.97	-33.97	-33.97	4.767	4.840	59.4	59.8	-52.06	Valve Adjustment:No Change,Valve 60% open
Ox Mountain Sanitary Landfill	OXEW2004	11/1/2022 2:21:24 PM	54.7	41.4	0.2	3.7	128.5	128.5	128.5	-33.25	-33.11	-33.11	4.267	4.567	55.1	57.0	-52.29	Valve Adjustment:No Change,Valve 60% open
Ox Mountain Sanitary Landfill	OXEW2004	11/17/2022 12:26:44 PM	53.9	37.8	0.1	8.2	128.9	128.9	128.9	-32.32	-32.30	-32.30	4.478	4.320	56.8	55.8	-51.25	Valve Adjustment:No Change,Valve 60% open



Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press [°H2O]	Adj Stat Press [°H2O]	Max Press [°H2O]	Init Diff Press [°H2O]	Adj Diff Press [°H2O]	Init Flow [scfm]	Adj Flow [scfm]	Sys Pressure [°H2O]	Comments
Ox Mountain Sanitary Landfill	OXEW2016	5/12/2022 10:15:09 AM	55.0	43.4	0.2	1.4	130.0	130.4	132.0	-23.11	-16.70	-16.70	2.865	0.958	34.4	20.1	-37.19	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 30% open
Ox Mountain Sanitary Landfill	OXEW2016	5/12/2022 10:17:47 AM	55.6	42.8	0.1	1.5	130.4	130.4	130.4	-15.70	-15.69	-15.69	0.928	0.919	19.8	19.7	-35.74	Valve Adjustment: No Change, Valve 30% open
Ox Mountain Sanitary Landfill	OXEW2016	5/19/2022 11:40:40 AM	57.9	41.6	0.1	0.4	132.0	130.3	132.0	-8.01	-6.07	-6.07	0.546	0.371	15.3	12.6	-19.83	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 25% open
Ox Mountain Sanitary Landfill	OXEW2016	5/19/2022 11:42:39 AM	58.3	39.3	0.2	2.2	130.3	130.3	130.3	-5.69	-5.61	-5.61	0.384	0.385	12.9	12.9	-15.74	Valve Adjustment: No Change, Valve 25% open
Ox Mountain Sanitary Landfill	OXEW2016	6/3/2022 11:18:30 AM	57.9	39.5	0.2	2.4	132.1	130.4	132.1	-9.14	-5.74	-5.74	1.002	0.359	20.9	12.6	-39.45	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 15% open
Ox Mountain Sanitary Landfill	OXEW2016	6/3/2022 11:20:10 AM	58.1	39.6	0.2	2.1	130.3	130.3	130.3	-5.23	-5.20	-5.20	0.340	0.330	12.3	12.1	-39.04	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW2016	6/28/2022 1:51:17 PM	57.7	41.7	0.1	0.5	130.6	130.3	130.6	-0.97	-0.64	-0.64	0.374	0.494	13.0	14.9	-38.65	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 5% open
Ox Mountain Sanitary Landfill	OXEW2016	6/28/2022 1:51:50 PM	57.6	41.9	0.5	0.0	130.4	130.4	130.4	-0.55	-0.54	-0.54	0.283	0.273	11.3	11.1	-37.97	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW2016	7/15/2022 1:15:55 PM	57.8	41.5	0.1	0.6	127.2	129.2	129.2	-4.86	-6.33	-4.86	0.442	1.179	14.1	22.9	-39.67	Valve Adjustment: Opened valve 1/2 turn to 1 turn, Valve 25% open
Ox Mountain Sanitary Landfill	OXEW2016	7/15/2022 1:16:58 PM	58.4	41.4	0.1	0.1	129.6	129.9	129.9	-7.21	-7.44	-7.21	1.198	1.464	23.0	25.4	-39.33	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
Ox Mountain Sanitary Landfill	OXEW2016	7/28/2022 1:00:18 PM	57.8	42.2	0.0	0.0	132.4	130.1	132.4	-13.07	-7.98	-7.98	1.162	0.377	22.4	12.9	-40.07	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 5% open
Ox Mountain Sanitary Landfill	OXEW2016	7/28/2022 1:01:38 PM	58.8	40.9	0.0	0.3	130.1	130.0	130.1	-7.39	-7.47	-7.39	0.378	0.370	12.9	12.8	-39.00	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW2016	8/5/2022 1:17:32 PM	58.5	41.5	0.0	0.0	129.9	130.2	130.2	-0.06	-0.06	-0.06	0.671	0.481	17.4	14.7	-42.86	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW2016	8/26/2022 2:09:28 PM	54.5	40.9	0.0	4.6	130.4	130.2	130.4	-1.67	-1.66	-1.66	0.288	0.341	11.4	12.4	-44.23	Valve Adjustment: Closed valve 1/2 turn or less, Valve 10% open
Ox Mountain Sanitary Landfill	OXEW2016	9/13/2022 10:26:29 AM	57.9	41.8	0.0	0.3	129.7	129.6	129.7	-0.92	-0.94	-0.92	0.432	0.361	13.9	12.7	-38.53	Valve Adjustment: Opened valve 1/2 turn or less, Valve 10% open
Ox Mountain Sanitary Landfill	OXEW2016	9/26/2022 11:25:06 AM	58.6	40.8	0.0	0.6	130.9	130.2	130.9	-1.43	-0.63	-0.63	0.373	0.290	12.9	11.4	-42.72	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2016	9/26/2022 11:25:47 AM	58.5	41.1	0.3	0.1	130.2	130.3	130.3	-0.54	-0.54	-0.54	0.421	0.411	13.8	13.6	-42.08	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW2016	10/11/2022 12:54:10 PM	58.5	41.4	0.1	0.0	132.1	130.2	132.1	-6.18	-2.91	-2.91	0.730	0.272	17.9	11.0	-44.67	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 5% open
Ox Mountain Sanitary Landfill	OXEW2016	10/11/2022 12:54:43 PM	58.2	41.2	0.3	0.3	130.1	130.3	130.3	-2.67	-2.67	-2.67	0.333	0.266	12.2	10.9	-44.74	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW2016	10/27/2022 9:34:57 AM	53.9	41.7	0.2	4.2	127.0	128.5	128.5	0.55	-0.06	0.55	0.363	0.254	12.6	10.6	-42.57	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 10% open
Ox Mountain Sanitary Landfill	OXEW2016	10/27/2022 9:35:51 AM	58.2	41.1	0.0	0.7	128.4	128.6	128.6	-0.44	-0.40	-0.40	0.286	0.149	11.2	8.1	-42.06	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW2016	11/3/2022 1:33:28 PM	58.2	39.5	0.0	2.3	130.1	130.2	130.2	-3.90	-3.90	-3.90	0.281	0.346	11.1	12.3	-43.80	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW2016	11/23/2022 9:49:39 AM	55.9	44.1	0.0	0.0	128.4	128.5	128.5	-2.99	-2.99	-2.99	0.368	0.323	12.7	11.9	-44.12	Valve Adjustment: No Change, Valve 10% open

Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Int Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press [°H2O]	Adj Stat Press [°H2O]	Max Press [°H2O]	Int Diff Press [°H2O]	Adj Diff Press [°H2O]	Int Flow [scfm]	Adj Flow [scfm]	Sys Pressure [°H2O]	Comments
Ox Mountain Sanitary Landfill	OXEW2020	5/9/2022 10:46:25 AM	57.5	41.4	0.2	0.9	130.2	130.3	130.3	-5.98	-6.04	-5.98	16.474	16.698	12.2	12.3	-35.14	Valve Adjustment:No Change,Valve 20% open
Ox Mountain Sanitary Landfill	OXEW2020	5/25/2022 10:15:53 AM	54.7	45.3	0.0	0.0	124.8	127.1	127.1	0.57	-0.08	0.57	0.565	1.089	2.3	3.2	-39.19	Valve Adjustment:No Change,Valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2020	5/25/2022 10:17:24 AM	55.1	44.9	0.0	0.0	127.3	127.4	127.4	-0.17	-0.14	-0.14	1.116	1.078	3.2	3.2	-39.34	Valve Adjustment:No Change,Valve at minimum position
Ox Mountain Sanitary Landfill	OXEW2020	6/9/2022 9:59:37 AM	58.4	41.6	0.0	0.0	124.3	127.3	127.3	1.30	-0.05	1.30	1.466	3.413	3.7	5.7	-39.59	Valve Adjustment:No Change,Valve at minimum position,Opened valve 1/2 turn to 1 turn
Ox Mountain Sanitary Landfill	OXEW2020	6/9/2022 10:18:51 AM	58.5	41.5	0.0	0.0	127.5	130.1	130.1	-0.13	-1.78	-0.13	3.556	5.889	5.8	7.4	-39.71	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
Ox Mountain Sanitary Landfill	OXEW2020	6/17/2022 9:58:46 AM	57.3	40.8	0.0	1.9	130.1	130.3	130.3	-5.17	-6.07	-5.17	9.200	21.288	9.1	13.7	-41.62	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 20% open
Ox Mountain Sanitary Landfill	OXEW2020	7/8/2022 10:07:37 AM	58.2	41.8	0.0	0.0	134.3	129.7	134.3	-8.12	-3.27	-3.27	19.408	0.871	13.2	2.9	-41.47	Valve Adjustment:No Change,Valve at minimum position,Closed valve 1/2 turn to 1 turn
Ox Mountain Sanitary Landfill	OXEW2020	7/8/2022 10:09:37 AM	59.2	40.1	0.0	0.7	127.6	129.0	129.0	-2.02	-2.34	-2.02	0.120	1.941	1.1	4.3	-41.46	Valve Adjustment:Opened valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2020	7/18/2022 2:25:50 PM	58.8	41.2	0.0	0.0	134.9	130.1	134.9	-7.43	-2.08	-2.08	11.935	0.421	10.4	2.0	-41.84	Valve Adjustment:No Change,Valve at minimum position,Closed valve 1/2 turn to 1 turn
Ox Mountain Sanitary Landfill	OXEW2020	7/18/2022 2:27:31 PM	59.3	40.7	0.0	0.0	128.9	128.9	128.9	-1.43	-1.37	-1.37	0.251	0.266	1.5	1.6	-41.74	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW2020	8/5/2022 2:04:23 PM	59.4	39.1	0.1	1.4	130.3	130.3	130.3	-5.25	-5.23	-5.23	9.311	9.260	9.3	9.2	-44.34	Valve Adjustment:No Change,Valve 5% open
Ox Mountain Sanitary Landfill	OXEW2020	8/25/2022 11:49:50 AM	59.4	39.5	0.0	1.1	132.8	130.2	132.8	-6.37	-3.52	-3.52	10.189	2.130	9.6	4.5	-44.48	Valve Adjustment:No Change,Valve at minimum position,Closed valve 1/2 turn to 1 turn
Ox Mountain Sanitary Landfill	OXEW2020	8/25/2022 11:50:32 AM	58.2	39.8	2.0	0.0	129.6	129.6	129.6	-3.08	-3.07	-3.07	2.142	2.129	4.5	4.5	-44.51	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW2020	8/25/2022 1:25:20 PM	57.1	42.8	0.1	0.0	127.6	130.2	130.2	-1.45	-4.11	-1.45	2.243	20.761	4.6	13.7	-43.87	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 15% open
Ox Mountain Sanitary Landfill	OXEW2020	9/14/2022 1:43:41 PM	58.6	41.4	0.0	0.0	134.5	129.9	134.5	-8.78	-2.66	-2.66	20.484	1.114	13.5	3.2	-45.05	Valve Adjustment:No Change,Valve at minimum position,Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2020	9/14/2022 1:44:25 PM	57.8	41.8	0.4	0.0	128.9	128.7	128.9	-2.10	-2.09	-2.09	0.880	0.872	2.9	2.9	-44.42	Valve Adjustment:No Change,Valve at minimum position
Ox Mountain Sanitary Landfill	OXEW2020	9/22/2022 1:55:41 PM	57.9	41.9	0.2	0.0	130.0	130.0	130.0	-6.42	-6.42	-6.42	12.994	13.088	10.9	10.9	-45.55	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW2020	10/14/2022 9:36:48 AM	57.6	42.3	0.1	0.0	130.2	130.4	130.4	-7.00	-7.35	-7.00	16.686	20.324	12.3	13.5	-45.67	Valve Adjustment:Opened valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXEW2020	10/18/2022 12:54:31 PM	57.8	42.1	0.1	0.0	130.0	130.0	130.0	-7.75	-7.88	-7.75	17.806	17.953	12.7	12.7	-40.70	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW2020	11/14/2022 10:21:33 AM	54.8	45.2	0.0	0.0	130.1	130.0	130.1	-8.61	-8.39	-8.39	18.339	17.969	12.7	12.6	-43.95	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW2020	11/23/2022 8:24:53 AM	59.8	40.0	0.2	0.0	130.1	130.3	130.3	-6.93	-7.16	-6.93	13.839	18.247	11.2	12.8	-45.85	Valve Adjustment:Opened valve 1/2 turn or less

Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press [°H2O]	Adj Stat Press [°H2O]	Max Stat Press [°H2O]	Init Diff Press [°H2O]	Adj Diff Press [°H2O]	Init Flow [scfm]	Adj Flow [scfm]	Sys Pressure [°H2O]	Comments
Ox Mountain Sanitary Landfill	OXMEW186	5/11/2022 11:58:39 AM	50.5	39.4	1.3	8.8	71.1	70.7	71.1	-0.97	-0.96	-0.96	0.155	0.191	2.9	3.2	-38.35	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMEW186	5/25/2022 1:38:15 PM	46.5	35.3	2.9	15.3	76.7	76.8	76.8	-0.80	-0.79	-0.79	0.003	0.005	0.4	0.5	-38.22	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMEW186	6/13/2022 11:00:26 AM	54.8	41.9	1.0	2.3	74.2	74.1	74.2	-0.17	-0.14	-0.14	0.475	0.495	5.1	5.2	-30.12	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMEW186	6/27/2022 12:09:12 PM	52.9	42.9	1.1	3.1	79.0	78.9	79.0	-0.22	-0.21	-0.21	0.041	0.048	1.5	1.6	-40.53	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMEW186	6/30/2022 10:41:05 AM	53.8	41.3	1.2	3.7	63.9	79.1	79.1	-0.28	-0.72	-0.28	0.019	0.342	1.0	4.3	-41.42	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
Ox Mountain Sanitary Landfill	OXMEW186	6/30/2022 12:39:30 PM	55.2	44.4	0.4	0.0	105.3	103.1	105.3	-0.68	-0.76	-0.68	0.169	0.308	2.9	4.0	-41.12	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
Ox Mountain Sanitary Landfill	OXMEW186	7/18/2022 12:24:44 PM	55.2	41.4	0.0	3.4	105.6	105.6	105.6	-0.46	-0.42	-0.42	0.006	0.006	0.6	0.6	-40.44	Valve Adjustment:Opened valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMEW186	7/18/2022 4:55:05 PM	55.3	41.7	0.5	2.5	101.1	103.5	103.5	-0.52	-0.66	-0.52	0.462	0.131	4.9	2.6	-41.58	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
Ox Mountain Sanitary Landfill	OXMEW186	8/9/2022 1:33:34 PM	55.9	43.3	0.4	0.4	74.0	78.4	78.4	-0.01	-0.03	-0.01	0.007	0.037	0.6	1.4	-26.10	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
Ox Mountain Sanitary Landfill	OXMEW186	8/29/2022 12:25:39 PM	0.0	0.0	21.4	78.6	66.4	66.6	66.6	-0.18	-0.15	-0.15	0.035	0.015	1.4	0.9	-43.35	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMEW186	8/29/2022 12:28:04 PM	0.0	0.0	21.5	78.5	66.8	66.8	66.8	-0.14	-0.14	-0.14	0.002	0.001	0.3	0.2	-43.32	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXMEW186	9/9/2022 9:22:51 AM	56.0	44.0	0.0	0.0	90.8	92.3	92.3	0.01	-0.05	0.01	0.048	0.240	1.6	3.5	-39.53	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open
Ox Mountain Sanitary Landfill	OXMEW186	9/9/2022 9:37:59 AM	43.6	37.2	4.7	14.5	91.2	91.2	91.2	-0.03	-0.03	-0.03	0.090	0.095	2.2	2.2	-39.06	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXMEW186	9/28/2022 1:40:42 PM	0.1	0.2	21.4	78.3	76.6	78.2	78.2	-0.27	-0.28	-0.27	0.027	0.025	1.2	1.2	-36.77	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMEW186	9/28/2022 1:42:18 PM	0.0	0.0	21.5	78.5	78.8	78.8	78.8	-0.27	-0.27	-0.27	0.020	0.021	1.0	1.1	-35.09	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXMEW186	10/10/2022 12:22:13 PM	1.2	1.4	21.6	75.8	68.5	68.2	68.5	-0.01	-0.01	-0.01	0.009	0.009	0.7	0.7	-43.68	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMEW186	10/10/2022 12:26:23 PM	47.3	38.3	2.6	11.8	76.3	76.5	76.5	-0.29	-0.29	-0.29	0.321	0.321	4.2	4.1	-43.76	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
Ox Mountain Sanitary Landfill	OXMEW186	10/26/2022 2:43:39 PM	47.5	50.3	2.2	0.0	84.1	84.1	84.1	-0.25	-0.24	-0.24	0.155	0.149	2.8	2.8	-43.54	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
Ox Mountain Sanitary Landfill	OXMEW186	11/7/2022 2:17:41 PM	49.6	42.2	1.7	6.5	75.2	75.2	75.2	-0.11	-0.11	-0.11	0.089	0.089	2.2	2.2	-44.26	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
Ox Mountain Sanitary Landfill	OXMEW186	11/23/2022 11:26:24 AM	41.9	38.3	4.8	15.0	73.8	73.9	73.9	-0.53	-0.47	-0.47	0.507	0.510	5.2	5.2	-43.72	Valve Adjustment:Closed valve 1/2 turn or less

Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press [°H2O]	Adj Stat Press [°H2O]	Max Stat Press [°H2O]	Init Diff Press [°H2O]	Adj Diff Press [°H2O]	Init Flow [scfm]	Adj Flow [scfm]	Sys Pressure [°H2O]	Comments
Ox Mountain Sanitary Landfill	OXEW1618	5/9/2022 11:36:09 AM	52.9	42.0	0.1	5.0	128.2	128.2	128.2	-0.74	-0.74	-0.74	1.880	1.881	39.1	39.1	-30.21	Valve Adjustment: No Change, Valve 15% open
Ox Mountain Sanitary Landfill	OXEW1618	5/23/2022 2:21:30 PM	52.7	43.9	0.0	3.4	129.0	129.0	129.0	-0.81	-0.78	-0.78	2.206	2.146	41.7	41.1	-35.38	Valve Adjustment: Closed valve 1/2 turn or less, Valve 15% open
Ox Mountain Sanitary Landfill	OXEW1618	6/6/2022 11:46:00 AM	52.0	38.8	0.2	9.0	128.7	128.7	128.7	-0.96	-0.97	-0.96	2.197	2.187	42.2	42.1	-36.48	Valve Adjustment: Closed valve 1/2 turn or less, Valve 15% open
Ox Mountain Sanitary Landfill	OXEW1618	6/21/2022 9:59:13 AM	53.2	43.2	0.1	3.5	129.5	129.5	129.5	-0.66	-0.63	-0.63	2.057	1.916	40.8	39.4	-34.57	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
Ox Mountain Sanitary Landfill	OXEW1618	7/6/2022 12:39:02 PM	57.2	42.7	0.1	0.0	130.2	130.3	130.3	-2.98	-3.00	-2.98	0.067	0.102	7.3	9.1	-40.35	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
Ox Mountain Sanitary Landfill	OXEW1618	7/7/2022 10:28:22 AM	42.7	44.4	0.1	12.8	127.9	127.8	127.9	-4.30	-3.76	-3.76	0.172	0.079	11.6	7.9	-38.83	Valve Adjustment: Closed valve 1/2 turn or less, Valve 25% open
Ox Mountain Sanitary Landfill	OXEW1618	7/27/2022 10:34:27 AM	39.8	36.4	0.7	23.1	128.3	127.7	128.3	-2.49	-2.17	-2.17	0.027	0.012	4.7	3.1	-38.12	Valve Adjustment: Closed valve 1/2 turn or less, Valve 20% open
Ox Mountain Sanitary Landfill	OXEW1618	8/4/2022 1:33:31 PM	51.2	41.5	0.0	7.3	128.8	128.8	128.8	-0.72	-0.71	-0.71	0.022	0.021	4.3	4.1	-34.74	Valve Adjustment: Closed valve 1/2 turn or less, Valve 20% open
Ox Mountain Sanitary Landfill	OXEW1618	8/18/2022 9:29:34 AM	48.3	39.0	0.0	12.7	128.4	128.4	128.4	-1.37	-1.37	-1.37	0.033	0.034	5.1	5.2	-37.58	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW1618	9/13/2022 1:09:24 PM	49.9	41.6	0.0	8.5	128.0	128.0	128.0	-1.47	-1.44	-1.44	0.053	0.051	6.6	6.4	-38.75	Valve Adjustment: Closed valve 1/2 turn or less, Valve 20% open
Ox Mountain Sanitary Landfill	OXEW1618	9/27/2022 10:57:34 AM	46.6	38.8	0.1	14.5	128.1	127.1	128.1	-1.88	-0.98	-0.98	0.031	0.010	5.0	2.9	-43.30	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open
Ox Mountain Sanitary Landfill	OXEW1618	10/11/2022 1:36:30 PM	57.4	42.6	0.0	0.0	127.9	129.1	129.1	0.30	-0.05	0.30	0.241	0.109	14.0	9.4	-44.11	Valve Adjustment: NSPS, Opened valve 1/2 turn or less, Valve 10% open
Ox Mountain Sanitary Landfill	OXEW1618	10/11/2022 1:38:10 PM	57.8	42.2	0.0	0.0	129.2	129.3	129.3	-0.10	-0.11	-0.10	0.061	0.063	7.0	7.1	-44.48	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW1618	10/27/2022 12:58:29 PM	56.1	43.6	0.3	0.0	116.3	129.2	129.2	-0.05	-0.12	-0.05	0.021	0.009	4.2	2.7	-43.12	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open
Ox Mountain Sanitary Landfill	OXEW1618	11/3/2022 1:57:49 PM	56.0	40.0	0.6	3.4	124.3	128.6	128.6	0.74	-0.07	0.74	0.001	0.035	1.0	5.3	-43.99	Valve Adjustment: NSPS(CAI), Opened valve 1/2 turn or less, Valve 20% open
Ox Mountain Sanitary Landfill	OXEW1618	11/3/2022 2:05:01 PM	56.2	41.3	0.3	2.2	128.9	129.8	129.8	-0.19	-0.50	-0.19	0.007	0.026	2.3	4.6	-44.05	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXEW1618	11/23/2022 11:57:11 AM	43.3	47.1	0.2	9.4	127.9	127.4	127.9	-1.63	-1.15	-1.15	0.103	0.209	9.1	12.9	-43.32	Valve Adjustment: Closed valve 1/2 turn or less, Valve 15% open

Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press ["H2O]	Adj Stat Press ["H2O]	Max Stat Press ["H2O]	Init Diff Press ["H2O]	Adj Diff Press ["H2O]	Init Flow [scfm]	Adj Flow [scfm]	Sys Pressure ["H2O]	Comments
Ox Mountain Sanitary Landfill	OXMEW205	5/11/2022 12:19:54 PM	47.9	39.6	0.0	12.5	127.0	127.0	127.0	-0.24	-0.23	-0.23	0.000	0.000	0.0	0.0	-38.60	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
Ox Mountain Sanitary Landfill	OXMEW205	5/27/2022 12:30:18 PM	54.0	43.3	0.0	2.7	118.4	118.7	118.7	-0.39	-0.61	-0.39	0.000	0.000	0.0	0.0	-40.07	Valve Adjustment:Valve at minimum position,Valve 100% open
Ox Mountain Sanitary Landfill	OXMEW205	6/9/2022 8:47:37 AM	56.3	43.3	0.1	0.3	124.8	124.9	124.9	-0.02	-0.01	-0.01	0.000	0.000	0.0	0.0	-40.70	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMEW205	6/24/2022 9:35:37 AM	55.2	44.8	0.0	0.0	107.0	124.6	124.6	0.11	-0.03	0.11	0.000	0.000	0.0	0.0	-42.05	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 5% open
Ox Mountain Sanitary Landfill	OXMEW205	6/24/2022 9:37:29 AM	55.5	44.5	0.0	0.0	125.9	126.1	126.1	-0.14	-0.13	-0.13	0.000	0.000	0.0	0.0	-42.02	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXMEW205	7/8/2022 1:47:14 PM	55.2	44.8	0.0	0.0	131.3	130.4	131.3	-0.08	-0.04	-0.04	0.000	0.000	0.0	0.0	-38.63	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 10% open
Ox Mountain Sanitary Landfill	OXMEW205	7/8/2022 1:48:09 PM	54.2	44.9	0.9	0.0	130.2	130.2	130.2	-0.07	-0.07	-0.07	0.000	0.000	0.0	0.0	-38.96	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXMEW205	7/18/2022 3:38:22 PM	55.1	44.8	0.1	0.0	121.3	125.1	125.1	-0.07	-0.13	-0.07	0.000	0.000	0.0	0.0	-41.04	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
Ox Mountain Sanitary Landfill	OXMEW205	8/8/2022 10:51:56 AM	54.6	45.4	0.0	0.0	108.5	123.2	123.2	-0.11	-0.14	-0.11	0.000	0.000	0.0	0.0	-34.87	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
Ox Mountain Sanitary Landfill	OXMEW205	8/26/2022 1:04:45 PM	54.3	45.6	0.1	0.0	108.2	120.8	120.8	0.18	-0.07	0.18	0.000	0.000	0.0	0.0	-44.66	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open
Ox Mountain Sanitary Landfill	OXMEW205	8/26/2022 1:06:15 PM	55.1	44.9	0.0	0.0	124.6	125.5	125.5	-0.14	-0.17	-0.14	0.000	0.000	0.0	0.0	-45.56	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXMEW205	9/8/2022 10:12:10 AM	54.3	43.4	0.0	2.3	115.0	127.3	127.3	0.19	-0.06	0.19	0.000	0.000	0.0	0.0	-37.93	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open
Ox Mountain Sanitary Landfill	OXMEW205	9/8/2022 10:13:06 AM	54.1	44.5	0.0	1.4	127.9	128.3	128.3	-0.08	-0.08	-0.08	0.000	0.000	0.0	0.0	-37.75	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXMEW205	9/27/2022 1:31:37 PM	53.8	45.8	0.4	0.0	120.1	128.8	128.8	0.18	-0.05	0.18	0.000	0.000	0.0	0.0	-44.90	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open
Ox Mountain Sanitary Landfill	OXMEW205	9/27/2022 1:36:53 PM	52.9	46.8	0.3	0.0	130.1	130.1	130.1	-0.09	-0.07	-0.07	0.000	0.000	0.0	0.0	-44.79	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXMEW205	10/14/2022 1:11:47 PM	55.4	40.9	0.2	3.5	102.7	122.8	122.8	-0.02	-0.06	-0.02	0.000	0.000	0.0	0.0	-44.08	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
Ox Mountain Sanitary Landfill	OXMEW205	10/28/2022 11:41:47 AM	52.1	45.1	0.3	2.5	108.4	108.3	108.4	-0.16	-0.14	-0.14	0.000	0.000	0.0	0.0	-43.57	Valve Adjustment:No Change,Valve 20% open
Ox Mountain Sanitary Landfill	OXMEW205	11/10/2022 2:33:48 PM	52.0	47.7	0.3	0.0	95.0	117.8	117.8	-0.03	-0.06	-0.03	0.000	0.000	0.0	0.0	-38.97	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
Ox Mountain Sanitary Landfill	OXMEW205	11/23/2022 1:41:16 PM	51.9	44.7	0.3	3.1	109.6	121.8	121.8	-0.01	-0.10	-0.01	0.000	0.000	0.0	0.0	-44.71	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open

Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press [°H2O]	Adj Stat Press [°H2O]	Max Press [°H2O]	Init Diff Press [°H2O]	Adj Diff Press [°H2O]	Init Flow [scfm]	Adj Flow [scfm]	Sys Pressure [°H2O]	Comments
Ox Mountain Sanitary Landfill	OXMEW209	5/9/2022 11:30:38 AM	19.9	12.7	13.4	54.0	73.0	102.2	102.2	4.67	-0.53	4.67	0.000	0.941	0.5	28.3	-35.60	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn to 1 turn, Valve 35% open
Ox Mountain Sanitary Landfill	OXMEW209	5/9/2022 11:34:27 AM	14.1	10.3	13.4	62.2	102.7	102.7	102.7	-1.66	-1.22	-1.22	0.931	0.545	28.1	21.5	-35.22	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 30% open
Ox Mountain Sanitary Landfill	OXMEW209	5/16/2022 12:39:13 PM	55.8	40.6	0.1	3.5	133.4	130.1	133.4	-9.62	-8.05	-8.05	0.508	0.076	19.8	7.7	-40.31	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 30% open
Ox Mountain Sanitary Landfill	OXMEW209	5/16/2022 12:42:26 PM	56.6	39.0	0.0	4.4	129.0	129.5	129.5	-7.39	-7.43	-7.39	0.076	0.112	7.7	9.4	-40.68	Valve Adjustment: Opened valve 1/2 turn or less, Valve 35% open
Ox Mountain Sanitary Landfill	OXMEW209	6/9/2022 10:46:26 AM	56.4	43.5	0.1	0.0	134.6	130.3	134.6	-3.60	-2.26	-2.26	0.198	0.021	12.6	4.1	-39.22	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 20% open
Ox Mountain Sanitary Landfill	OXMEW209	6/17/2022 10:37:24 AM	57.4	42.5	0.0	3.1	113.6	115.2	115.2	-2.09	-2.09	-2.09	0.008	0.011	2.5	3.0	-40.14	Valve Adjustment: No Change, Valve 20% open
Ox Mountain Sanitary Landfill	OXMEW209	6/17/2022 10:37:24 AM	56.7	40.2	0.0	0.0	113.6	115.2	115.2	-0.05	-0.15	-0.05	0.028	0.045	4.7	6.0	-41.75	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
Ox Mountain Sanitary Landfill	OXMEW209	7/8/2022 11:24:24 AM	58.0	42.0	0.0	0.0	132.4	129.8	132.4	-4.07	-3.55	-3.55	0.109	0.035	9.3	5.3	-41.86	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 20% open
Ox Mountain Sanitary Landfill	OXMEW209	7/8/2022 11:25:53 AM	58.1	41.9	0.0	0.0	129.3	129.1	129.3	-3.44	-3.43	-3.43	0.032	0.035	5.1	5.3	-41.79	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXMEW209	7/18/2022 2:36:50 PM	57.8	42.2	0.0	0.0	128.9	129.7	129.7	-3.08	-3.16	-3.08	0.026	0.095	4.6	8.8	-42.66	Valve Adjustment: Opened valve 1/2 turn or less, Valve 25% open
Ox Mountain Sanitary Landfill	OXMEW209	8/11/2022 1:27:27 PM	58.7	41.3	0.0	0.0	134.0	134.0	134.0	-3.96	-3.96	-3.96	0.277	0.277	14.9	14.9	-38.89	Valve Adjustment: No Change, Valve 20% open
Ox Mountain Sanitary Landfill	OXMEW209	8/26/2022 10:24:17 AM	57.6	41.3	0.0	1.1	134.3	129.5	134.3	-6.34	-5.11	-5.11	0.134	0.074	10.3	7.7	-46.09	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 15% open
Ox Mountain Sanitary Landfill	OXMEW209	8/26/2022 10:25:40 AM	57.8	41.6	0.0	0.6	128.7	128.1	128.7	-4.78	-4.94	-4.78	0.037	0.014	5.5	3.4	-45.75	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXMEW209	9/14/2022 1:30:29 PM	57.9	42.1	0.0	0.0	124.0	124.5	124.5	-1.82	-1.84	-1.82	0.013	0.019	3.3	4.0	-44.02	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
Ox Mountain Sanitary Landfill	OXMEW209	9/22/2022 1:41:51 PM	57.4	42.6	0.0	0.0	129.5	129.2	129.5	-1.61	-1.61	-1.61	0.029	0.031	4.9	5.0	-45.98	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
Ox Mountain Sanitary Landfill	OXMEW209	10/12/2022 2:02:26 PM	58.2	41.4	0.0	0.4	127.8	129.4	129.4	-1.61	-1.97	-1.61	0.273	0.148	14.9	11.0	-43.51	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
Ox Mountain Sanitary Landfill	OXMEW209	10/18/2022 1:05:06 PM	57.0	43.0	0.0	0.0	129.7	129.7	129.7	-2.23	-2.23	-2.23	0.260	0.168	14.5	11.7	-41.42	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXMEW209	11/14/2022 10:37:44 AM	54.0	46.0	0.0	0.0	129.6	130.0	130.0	-2.99	-3.01	-2.99	0.147	0.166	10.8	11.5	-44.10	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
Ox Mountain Sanitary Landfill	OXMEW209	11/28/2022 10:35:37 AM	57.2	42.8	0.0	0.0	129.8	130.2	130.2	-3.09	-3.26	-3.09	0.082	0.093	8.1	8.7	-42.97	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open

Site Name	Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Temp [°F]	Adj Temp [°F]	Max Gas Temp [°F]	Init Stat Press [H2O]	Adj Stat Press [H2O]	Max Press [H2O]	Init Diff Press [H2O]	Adj Diff Press [H2O]	Init Flow [scfm]	Adj Flow [scfm]	Sys Pressure [H2O]	Comments
Ox Mountain Sanitary Landfill	OXMPEW35	5/11/2022 9:42:19 AM	48.5	37.5	1.7	12.3	118.9	117.4	118.9	-30.58	-30.55	-30.55	0.147	0.107	24.2	20.7	-41.69	Valve Adjustment: Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMPEW35	5/19/2022 8:19:19 AM	51.1	45.0	0.0	3.9	127.6	127.6	127.6	-28.61	-28.63	-28.61	0.123	0.108	22.2	20.8	-38.21	Valve Adjustment: Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMPEW35	6/2/2022 12:45:40 PM	50.5	41.6	0.1	7.8	127.5	127.1	127.5	-30.84	-31.13	-30.84	0.118	0.118	21.2	21.2	-39.55	Valve Adjustment: Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMPEW35	6/17/2022 10:01:10 AM	50.4	41.2	0.0	8.4	126.8	126.7	126.8	-31.85	-31.52	-31.52	0.134	0.131	22.6	22.3	-42.36	Valve Adjustment: Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMPEW35	7/6/2022 10:34:21 AM	48.8	42.4	0.0	8.8	127.3	127.3	127.3	-29.88	-29.83	-29.83	0.174	0.141	25.9	23.2	-41.33	Valve Adjustment: Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMPEW35	7/28/2022 10:00:49 AM	46.5	38.3	0.0	15.2	126.7	126.6	126.7	-28.62	-28.08	-28.08	0.124	0.111	21.9	20.7	-40.30	Valve Adjustment: Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMPEW35	8/4/2022 1:17:37 PM	48.1	41.2	0.1	10.6	127.1	127.1	127.1	-37.51	-36.88	-36.88	0.124	0.124	21.6	21.6	-24.60	Valve Adjustment: Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMPEW35	8/16/2022 1:34:06 PM	47.4	36.6	1.4	14.6	127.4	127.4	127.4	-21.80	-21.91	-21.80	0.127	0.118	22.5	21.8	-37.12	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXMPEW35	9/2/2022 10:36:06 AM	44.3	41.7	0.8	13.2	126.1	125.4	126.1	-28.33	-26.63	-26.63	0.113	0.058	15.1	15.1	-45.80	Valve Adjustment: Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMPEW35	9/19/2022 12:02:27 PM	54.3	43.8	0.0	1.9	127.2	127.3	127.3	-11.35	-11.37	-11.35	0.086	0.092	19.1	19.7	-45.00	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXMPEW35	10/7/2022 12:50:07 PM	54.6	41.4	0.0	4.0	127.4	127.3	127.4	-9.67	-9.68	-9.67	0.077	0.079	18.1	18.3	-40.58	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXMPEW35	10/21/2022 1:14:03 PM	54.9	44.0	0.0	1.1	125.9	125.9	125.9	-11.66	-11.66	-11.66	0.098	0.099	20.4	20.5	-47.40	Valve Adjustment: No Change
Ox Mountain Sanitary Landfill	OXMPEW35	11/2/2022 12:49:30 PM	51.6	44.5	0.0	3.9	125.4	125.3	125.4	-12.80	-12.77	-12.77	0.072	0.069	17.7	17.3	-46.50	Valve Adjustment: Closed valve 1/2 turn or less
Ox Mountain Sanitary Landfill	OXMPEW35	11/18/2022 1:29:00 PM	53.5	44.1	0.1	2.3	126.7	126.8	126.8	-10.18	-10.26	-10.18	0.067	0.081	17.1	18.8	-48.26	Valve Adjustment: No Change

# ATTACHMENT C

## BAAQMD APPLICATION FORMS



FACILITY NAME Ox Mountain Landfill FACILITY # A2266

**STATEMENT OF COMPLIANCE:**

*I certify the following:*

Read each statement carefully and initial each box for confirmation.

- Based on information and belief formed after reasonable inquiry, the source(s) identified in the Applicable Requirements and Compliance Summary form that is(are) in compliance will continue to comply with the applicable requirement(s);*
- Based on information and belief formed after reasonable inquiry, the source(s) identified in the Applicable Requirements and Compliance Summary form will comply with future-effective applicable requirement(s), on a timely basis;*
- Based on information and belief formed after reasonable inquiry, information on application forms, all accompanying reports, and other required certifications is true, accurate, and complete;*
- All fees required by Regulation 3, including Schedule P have been paid.*

**STATEMENT OF NON-COMPLIANCE**

Read statement carefully. Initial box for confirmation if statement is true.

*I certify the following:*

- Based on information and belief formed after reasonable inquiry, the source(s) identified in the Schedule of Compliance application form that is(are) not in compliance with the applicable requirement(s) will comply in accordance with the attached compliance plan schedule.*

  
\_\_\_\_\_  
Signature of Responsible Official  
**Travis Armstrong**  
\_\_\_\_\_  
Name of Responsible Official

12/14/2022  
Date

**Engineering Division**  
**Bay Area Air Quality Management District**  
**375 Beale Street, Ste# 600, San Francisco, CA 94105**  
**415-749-4990**

**Stationary Source  
Summary**  
Page 1

<b>FACILITY NAME:</b> Ox Mountain Landfill	<b>FACILITY ID:</b> A2266
--	---------------------------

**◆ DISTRICT USE ONLY ◆**

Application #: \_\_\_\_\_ Application Received: \_\_\_\_\_

Application Filing Fee: \_\_\_\_\_ Application Deemed Complete: \_\_\_\_\_

**I. FACILITY IDENTIFICATION**

1. Facility Name: Ox Mountain Landfill	
2. Four digit SIC: 4953	EPA Plant ID:
3. Parent Company (if different than Facility Name): Browning-Ferris Industries of California, Inc.	
4. Mailing Address: 12310 San Mateo Rd., Half Moon Bay, CA 94019	
5. Street Address or Source Location: 12310 San Mateo Rd., Half Moon Bay, CA 94019	
6. UTM C oordinates (if required): N/A	
7. Source Located within 50 miles of the state line: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
8. Source Located within 1000 feet of a school: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
9. Type of Orginzation: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility Company	
10. Legal Owner's Name: Browning-Ferris Industries of California, Inc.	
11. Owner's Agent name (if any): N/A	
12. Responsible Official: Travis Armstrong, General Manager	
13. Plant Site Manager/Contact: Kelly McDonnell	Telephone #: ( 650 ) 713 - 3632
14. Type of Facility: Municipal Solid Waste Landfill	
15. General description of processes/products: Higher operating value (HOV) of 145 degrees Fahrenheit at twelve vertical landfill gas (LFG) extraction wells.	
16. Is a Federal Risk Management Plan pursuant to Section 112(r) required? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If application is submitted after Risk Management Plan due date, attach verification that the plan is registered with the appropriate agency.)	

**Engineering Division**  
**Bay Area Air Quality Management District**  
 375 Beale Street, Ste# 600, San Francisco, CA 94105  
 415-749-4990

<b>Stationary Source          Summary</b> Page 2
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<b>FACILITY NAME:</b> Ox Mountain Landfill	<b>FACILITY ID:</b> A2266
--	---------------------------

**II. TYPE OF PERMIT ACTION**

	CURRENT PERMIT (permit number)	EXPIRATION (date)
<input type="checkbox"/> Initial Title V Application		
<input type="checkbox"/> Permit Renewal		
<input type="checkbox"/> Significant Permit Modification		
<input type="checkbox"/> Minor Permit Modification		
<input checked="" type="checkbox"/> Administrative Amendment	Major Facility Review Permit for Facility A2266	May 16, 2026

**III. DESCRIPTION OF PERMIT ACTION**

1. Does the permit action requested involve: <table style="display: inline-table; vertical-align: top; margin-left: 20px;"> <tr> <td><input type="checkbox"/> Temporary Source</td> <td><input type="checkbox"/> Voluntary Emissions Caps</td> </tr> <tr> <td><input type="checkbox"/> Acid Rain Source</td> <td><input type="checkbox"/> Alternative Operating Scenarios</td> </tr> <tr> <td><input type="checkbox"/> CEM's</td> <td><input type="checkbox"/> Abatement Devices</td> </tr> <tr> <td><input checked="" type="checkbox"/> Source Subject to MACT Requirements [Section 112]</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Source Subject to Enhanced Monitoring</td> <td></td> </tr> </table>	<input type="checkbox"/> Temporary Source	<input type="checkbox"/> Voluntary Emissions Caps	<input type="checkbox"/> Acid Rain Source	<input type="checkbox"/> Alternative Operating Scenarios	<input type="checkbox"/> CEM's	<input type="checkbox"/> Abatement Devices	<input checked="" type="checkbox"/> Source Subject to MACT Requirements [Section 112]		<input type="checkbox"/> Source Subject to Enhanced Monitoring	
<input type="checkbox"/> Temporary Source	<input type="checkbox"/> Voluntary Emissions Caps									
<input type="checkbox"/> Acid Rain Source	<input type="checkbox"/> Alternative Operating Scenarios									
<input type="checkbox"/> CEM's	<input type="checkbox"/> Abatement Devices									
<input checked="" type="checkbox"/> Source Subject to MACT Requirements [Section 112]										
<input type="checkbox"/> Source Subject to Enhanced Monitoring										
2. Is source operating under a Compliance Schedule? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										
3. For permit modification, provide a general description of the proposed permit modification: <p>Higher operating value (HOV) of 145 degrees Fahrenheit at twelve vertical landfill gas (LFG) extraction wells.</p>										

  
 \_\_\_\_\_  
 Signature of Responsible Official  
**General Manager, BFIC**  
 \_\_\_\_\_  
 Title of Responsible Official and Company Name

**Travis Armstrong**  
 \_\_\_\_\_  
 Print Name of Responsible Official  
 Date: 12/14/2022

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
375 Beale Street, Suite 600. . . San Francisco, CA 94105. . . (415) 749-4990. . . Fax (415) 749-5030  
Website: www.baaqmd.gov

APPENDIX H  
ENVIRONMENTAL INFORMATION FORM  
(To Be Completed By Applicant)

Date Filed: \_\_\_\_\_

General Information

1. Name and address of developer or project sponsor:  
Ox Mountain Landfill
2. Address of project: 12310 San Mateo Rd., Half Moon Bay, CA 94019  
Assessor's Block and Lot Number: \_\_\_\_\_
3. Name, address, and telephone number of person to be contacted concerning this project:  
Kelly McDonnell, 12310 San Mateo Rd., Half Moon Bay, CA 94019, (669) 297-4259
4. Indicate number of the permit application for the project to which this form pertains:  
To be determined
5. List and describe any other related permits and other public approvals required for this project, including those required by city, regional, state, and federal agencies:  
NA
6. Existing zoning district: PD Zoning
7. Proposed use of site (Project for which this form is filed):  
Higher operating value (HOV) of 145 degrees Fahrenheit at twelve vertical landfill gas (LFG) extraction wells

Project Description

8. Site size. The twelve vertical LFG extraction wells are connected to the GCCS.
9. Square footage. NA
10. Number of floors of construction. NA
11. Amount of off-street parking provided. NA
12. Attach plans. NA
13. Proposed scheduling. NA
14. Associated project. NA
15. Anticipated incremental development. NA

- 16. If residential, include the number of units, schedule of unit sizes, range of sale prices or rents, and type of household size expected.
- 17. If commercial, indicate the type, whether neighborhood, city or regionally oriented, square footage of sales area, and loading facilities.
- 18. If industrial, indicate type, estimated employment per shift, and loading facilities.
- 19. If institutional, indicate the major function, estimated employment per shift, estimated occupancy, loading facilities, and community benefits to be derived from the project.
- 20. If the project involves a variance, conditional use or rezoning application, state this and indicate clearly why the application is required.

Are the following items applicable to the project or its effects? Discuss below all items checked yes. Attach additional sheets as necessary.

	Yes	No
21. Change in existing features of any bays, tidelands, beaches, or hills, or substantial alteration of ground contours.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
22. Change in scenic views or vistas from existing residential areas or public lands or roads.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23. Change in pattern, scale or character of general area of project.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
24. Significant amounts of solid waste or litter.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
25. Change in dust, ash, smoke, fumes or odors in vicinity.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
26. Change in ocean, bay, lake, stream or groundwater quality or quantity, or alteration of existing drainage patterns.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
27. Substantial change in existing noise or vibration levels in the vicinity.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
28. Site on filled land or on slope of 10 percent or more.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
29. Use of disposal of potentially hazardous materials, such as toxic substances, flammables or explosives.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
30. Substantial change in demand for municipal services (police, fire, water, sewage, etc.).	<input type="checkbox"/>	<input checked="" type="checkbox"/>
31. Substantially increase fossil fuel consumption (electricity, oil, natural gas, etc.).	<input type="checkbox"/>	<input checked="" type="checkbox"/>
32. Relationship to a larger project or series of projects.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Environmental Setting**

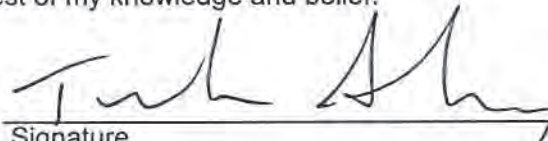
33. Describe the project site as it exists before the project, including information on topography, soil stability, plants and animals, and any cultural, historical or scenic aspects. Describe any existing structures on the site, and the use of the structures. Attach photographs of the site. Snapshots or Polaroid photos will be accepted. The twelve vertical LFG extraction wells are installed and operated on the landfill footprint.

34. Describe the surrounding properties, including information on plants and animals and any cultural, historical or scenic aspects. Indicate the type of land use (residential, commercial, etc.), intensity of land use (one-family, apartment houses, shops, department stores, etc.), and scale of development (height, frontage, set-back, rear yard, etc.). Attach photographs of the vicinity. Snapshots or Polaroid photos will be accepted. The landfill is situated to the East of Half Moon Bay, CA. To the North, South, East, and West is open rangeland with mixed use, recreational, residential, and commercial.

**Certification**

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

12/14/2022  
Date

  
Signature

For Travis Armstrong, General Manager

(Note: This is only a suggested form. Public agencies are free to devise their own format for initial studies.)



**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
 375 Beale Street, Suite 600, San Francisco, CA 94105  
 Engineering Division (415) 749-4990  
 www.baaqmd.gov fax (415) 749-5030

**Form P-101B**  
 Authority to Construct/  
 Permit to Operate

--	--	--

**1. Application Information**

BAAQMD Plant No. A2266 Company Name Browning-Ferris Industries of California, Inc.  
 Equipment/Project Description Application for HOV at eight vertical landfill gas extraction wells

**2. Plant Information** *If you have not previously been assigned a Plant Number by the District or if you want to update any plant data that you have previously supplied to the District, please complete this section.*

Equipment Location 12310 San Mateo Rd  
 City Half Moon Bay Zip Code 94019  
 Mail Address 12310 San Mateo Rd  
 City Half Moon Bay State CA Zip Code 94019  
 Plant Contact Kelly McDonnell Title Environmental Manager  
 Telephone (669) 297-4259 Fax ( ) Email KMcDonnell@republicservices.com

NAICS (North American Industry Classification System) see [www.census.gov/eos/www/naics/](http://www.census.gov/eos/www/naics/)

**3. Proximity to a School (K-12)**

The sources in this permit application (check one)  Are  Are not within 1,000 ft of the outer boundary of the nearest school.

**4. Application Contact Information** *All correspondence from the District regarding this application will be sent to the plant contact unless you wish to designate a different contact for this application.*

Application Contact Kendra Kent Title Sr. Compliance Specialist  
 Mail Address 7600 Dublin Boulevard, Suite 200  
 City Dublin State CA Zip Code 95468  
 Telephone (520) 526-7270 Fax ( ) Email Kendra.Kent@tetrattech.com

**5. Additional Information** *The following additional information is required for all permit applications and should be included with your submittal. Failure to provide this information may delay the review of your application. Please indicate that each item has been addressed by checking the box. Contact the Engineering Division if you need assistance.*

- If a new Plant, a local street map showing the location of your business
- A facility map, drawn roughly to scale, that locates the equipment and its emission points
- Completed data form(s) and a pollutant flow diagram for each piece of equipment.  
 (See [www.baaqmd.gov/forms/permits](http://www.baaqmd.gov/forms/permits) )
- Project/equipment description, manufacturer's data
- Discussion and/or calculations of the emissions of air pollutants from the equipment

**6. Trade Secrets** *Under the California Public Records Act, all information in your permit application will be considered a matter of public record and may be disclosed to a third party. If you wish to keep certain items separate as specified in Regulation 2, Rule 1, Section 2-1-402.7, please complete the following steps.*

- Each page containing trade secret information must be labeled "trade secret" with the trade secret information clearly marked.
- A second copy, with trade secret information blanked out, marked "public copy" must be provided.
- For each item asserted to be trade secret, you must provide a statement which provides the basis for your claim.

**7. Small Business Certification** You are entitled to a reduced permit fee if you qualify as a small business as defined in Regulation 3. In order to qualify, you must certify that your business meets all of the following criteria:

- The business does not employ more than 10 persons and its gross annual income does not exceed \$750,000.
- And the business is not an affiliate of a non-small business. (Note: a non-small business employs more than 10 persons and/or its gross income exceeds \$750,000.)

**8. Green Business Certification** You are entitled to a reduced permit fee if you qualify as a green business as defined in Regulation 3. In order to qualify, you must certify that your business meets all of the following criteria:

- The business has been certified under the Bay Area Green Business Program coordinated by the Association of Bay Area Governments and implemented by participating counties.
- A copy of the certification is included.

**9. Accelerated Permitting** The Accelerated Permitting Program entitles you to install and operate qualifying sources of air pollution and abatement equipment without waiting for the District to issue a Permit to Operate. To participate in this program you must certify that your project will meet all of the following criteria. Please acknowledge each item by checking each box.

- Uncontrolled emissions of any single pollutant are each less than 10 lb/highest day, or the equipment has been precertified by the BAAQMD.
- Emissions of toxic compounds do not exceed the trigger levels identified in Table 2-5-1 (see Regulation 2, Rule 5).
- The source is not a diesel engine.
- The project is not subject to public notice requirements (the source is either more than 1000 ft. from the nearest school, or the source does not emit any toxic compound in Table 2-5-1).
- For replacement of abatement equipment, the new equipment must have an equal or greater overall abatement efficiency for all pollutants than the equipment being replaced.
- For alterations of existing sources, for all pollutants the alteration does not result in an increase in emissions.
- Payment of applicable fees (the minimum permit fee to install and operate each source). See Regulation 3 or contact the Engineering Division for help in determining your fees.

**10. CEQA** Please answer the following questions pertaining to CEQA (California Environmental Quality Act).

- A. Has another public agency prepared, required preparation of, or issued a notice regarding preparation of a California Environmental Quality Act (CEQA) document (initial study, negative declaration, environmental impact report, or other CEQA document) that analyzes impacts of this project or another project of which it is a part or to which it is related?  YES  NO If no, go to section 10B.  
Describe the document or notice, preparer, and date of document or expected date of completion:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- B. List and describe any other permits or agency approvals required for this project by city, regional, state or federal agencies:

\_\_\_\_\_  
\_\_\_\_\_  
N/A

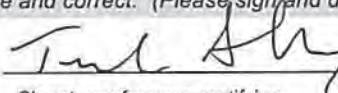
- C. List and describe all other prior or current projects for which either of the following statements is true: (1) the project that is the subject of this application could not be undertaken without the project listed below, (2) the project listed below could not be undertaken without the project that is the subject of this application:

\_\_\_\_\_  
\_\_\_\_\_  
N/A

**11. Certification** I hereby certify that all information contained herein is true and correct. (Please sign and date this form)

Travis Armstrong

General Manager



12/14/2022

Name of person certifying (print)

Title of person certifying

Signature of person certifying

Date

Send all application materials to the BAAQMD Engineering Division, 375 Beale Street, Suite 600, San Francisco, CA 94105.

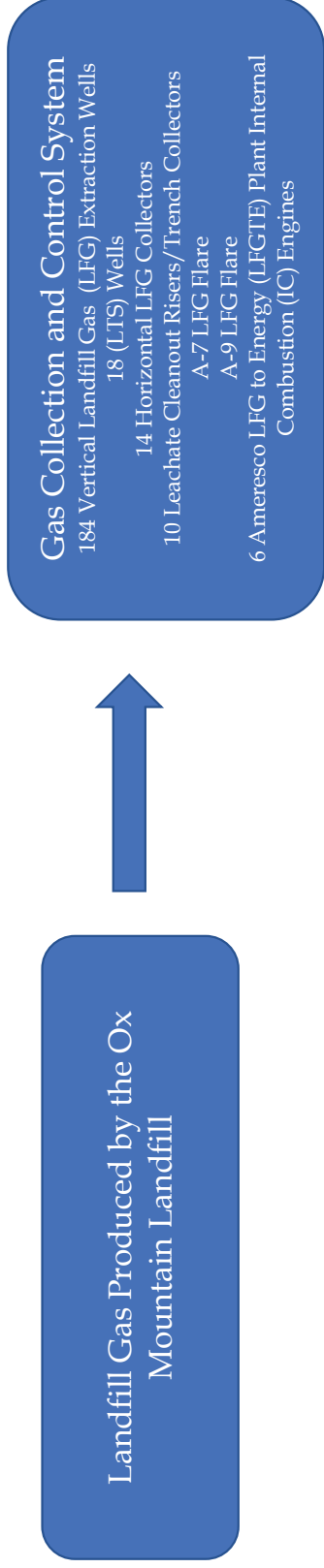


## ATTACHMENT D

### POLLUTANT FLOW DIAGRAM

## Ox Mountain Landfill

Change of Permit Conditions Request - Higher Operating Value for Temperature  
Pollutant Flow Diagram



## Israel, Nat

---

**From:** Youjin Kim <ykim@baaqmd.gov>  
**Sent:** Monday, February 27, 2023 10:22 AM  
**To:** Israel, Nat  
**Cc:** Kent, Kendra; Mcdonnell, Kelly; Daniel Oliver  
**Subject:** New Assigned Engineer for Applications 31995, 32006 for Plant 2266 Browning-Ferris Industries of CA Inc

Good Morning Nat,

Thank you for your email. This application was deemed complete on 02/09/2023.

My colleague, Daniel Oliver, will be the assigned engineer for this facility. He is tagged in this email. I saved our previous correspondences in the application folder for Daniel.

Best,

## Youjin Kim

Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600, San Francisco, CA 94105  
(415) 749-5136

---

**From:** Israel, Nat <Nat.Israel@tetrattech.com>  
**Sent:** Thursday, February 23, 2023 10:36 AM  
**To:** Youjin Kim <ykim@baaqmd.gov>  
**Cc:** Kent, Kendra <Kendra.Kent@tetrattech.com>; Mcdonnell, Kelly <KMcdonnell@republicservices.com>  
**Subject:** RE: Invoice and Incompleteness Letter for Applications 31995, 32006 for Plant 2266 Browning-Ferris Industries of CA Inc

Hi Youjin,

I am emailing you today to follow up on application number (AN) 31995 for the wellfield higher operating values (HOV) and AN 32006 for new source review (NSR) for Plant 2266, Browning-Ferris Industries of CA Inc. Could you please provide an update of the review status? Please let us know if you have any other questions or if we can do anything else.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | [tetrattech.com](http://tetrattech.com)

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---

**From:** Israel, Nat  
**Sent:** Thursday, January 26, 2023 11:50 AM  
**To:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>  
**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Mcdonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>  
**Subject:** RE: Invoice and Incompleteness Letter for Applications 31995, 32006 for Plant 2266 Browning-Ferris Industries of CA Inc

Hi Youjin,

Below are answers to your questions provided and a map of the HOV locations is attached. We did have a few questions regarding item 2. Please let us know if we can do anything else.

1. Ox Mountain understands that to be regulated under the NESHAP 40 CFR Part 63 Subpart AAAA non-reversible.
2. You have requested 3 years of data on the wells requested in the HOV application. In the past the BAAQMD has only requested 3 to 6 months of historical data to demonstrate the trends for an HOV request. Based on that experience, we provided 7 months of data for the wells in our HOV request. Additionally, several of the requested wells were installed in 2021 and do not have 3 years of data available. Please advise if the 7 months of data already provided will be sufficient or what the minimum regulatory requirement for data is since 3 years is not possible at this time for some of the wells.

Note: Wells OXEW1618, OXMEW205, OXMEW209 and OXPEW35 were included in this request to bring them in line with the NESHAP minimum temperature requirement of 145 degrees but they already have an approved HOV for 140 degrees. Will you need data for these as well?

3. Please see the attached.
4. BFIC will pay the invoices directly.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

**Tetra Tech** | *Leading with Science*® | Solid Waste West | Methane Gas Group  
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | [tetrattech.com](http://tetrattech.com)

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---

**From:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>  
**Sent:** Wednesday, January 4, 2023 7:15 PM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Subject:** Invoice and Incompleteness Letter for Applications 31995, 32006 for Plant 2266 Browning-Ferris Industries of CA Inc

Hi Nat,

You don't need to fill out the change of conditions form anymore. I was able to still create a separate NSR application (Application 32006).

It has been determined that the proposed HOV changes will actually be a significant revision, not minor mod (Application 31995).

The application states the facility is regulated under the NESHAPs. The Air District can approve alternate well parameters under the NESHAPs, if the facility agrees to be regulated under the NESHAPs with the acknowledgement that this decision is not revokable. The facility needs to confirm their understanding of this irrevocable decision for us to proceed.

Best,

## Youjin Kim

Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600, San Francisco, CA 94105  
(415) 749-5136

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Wednesday, December 21, 2022 10:31 AM  
**To:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>  
**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Subject:** RE: Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

Hi Youjin,

I believe we included that form with the original submission. Please see the attached. If there is nothing else we will get you the revised Stationary Source form shortly.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | [tetrattech.com](http://tetrattech.com)

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---

**From:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>  
**Sent:** Tuesday, December 20, 2022 5:47 PM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Subject:** FW: Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

Good Afternoon,

The District can only review and approve Change of Conditions through NSR (New Source Review) program.

Please find Form P-101B here: <https://www.baaqmd.gov/forms/permits>

Please contact me if you have any questions.

Best,

## Youjin Kim

Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600, San Francisco, CA 94105  
(415) 749-5136

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Tuesday, December 20, 2022 11:15 AM  
**To:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>  
**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Subject:** RE: Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

You don't often get email from [nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com). [Learn why this is important](#)

Hi Youjin,

What do you mean when referring to a Change of Condition application? Is this referring to a form or to a completely separate application? It is our understanding that what we had previously submitted would suffice for a Change of Condition application. We understand the adjustment to the Stationary Source form to a minor permit modification and will provide a updated form. Please let me know if you have any questions.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

**Tetra Tech** | *Leading with Science*® | Solid Waste West | Methane Gas Group  
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | [tetrattech.com](http://tetrattech.com)

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**From:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>  
**Sent:** Tuesday, December 20, 2022 11:11 AM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Subject:** RE: Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

Hi Israel,

It might be better to write out your questions in an email, so that I can confirm the answers to your questions first before getting back to you.

Best,

## Youjin Kim

Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600, San Francisco, CA 94105  
(415) 749-5136

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Tuesday, December 20, 2022 11:07 AM  
**To:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>  
**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Subject:** RE: Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

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Hi Youjin,

We have a few quick questions based on your request. I left a voicemail at the number you provided below. Are you available for a very brief call for clarification?

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | [tetrattech.com](http://tetrattech.com)

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---

**From:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>  
**Sent:** Thursday, December 15, 2022, 5:14 PM  
**To:** Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>  
**Subject:** Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

You don't often get email from [ykim@baaqmd.gov](mailto:ykim@baaqmd.gov). [Learn why this is important](#)

Good Afternoon Kendra,

My name is Youjin, and I will be working on your project. Nice to meet you virtually.

The proposed project not qualify as an administrative amendment. The proposed changes need to be reviewed and approved under an NSR (New Source Review) application before any changes can be updated to the Title V permit.

Please submit a revised Stationary Source Summary form for a minor revision, as well as a Change of Condition application under NSR (New Source Review). Forms can be found here: <https://www.baaqmd.gov/forms/permits>.

The application states the facility is regulated under the NESHAPs. The Air District can approve alternate well parameters under the NESHAPs, if the facility agrees to be regulated under the NESHAPs with the acknowledgement that this decision is not revokable. The facility needs to confirm their understanding of this irrevocable decision for us to proceed.

Once the forms and the NESHAP confirmation has been received, we will send an invoice for a Title V Minor Revision.

Please contact me if you have any questions.

Best,

**Youjin Kim**

Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600, San Francisco, CA 94105  
(415) 749-5136





December 23, 2022

Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Well Notification Letter  
Ox Mountain Landfill, Facility A2266  
Title V Permit Condition Number 10164, Part 17

To Whom It May Concern:

Tetra Tech submits this letter on behalf of Browning-Ferris Industries of California, Inc. (BFIC) to notify the Bay Area Air Quality Management District (BAAQMD) of the startup of two horizontal landfill gas (LFG) collectors at Ox Mountain Landfill (Ox Mountain [Facility Number A2266]), pursuant to Title V Permit Condition Number 10164, Part 17 and Change of Permit Conditions Application Number (A/N) 30889.

In accordance with the approved A/N 30889, Ox Mountain is approved for the installation of up to 100 new vertical LFG extraction wells as well as 20 horizontal collectors; to decommissioning of up to 150 vertical LFG extraction wells, as well as 15 horizontal collectors; and unlimited vertical well replacements. This notification is being made pursuant to Title V Permit Condition Numbers 10164, Part 17(b)(iv) and (v), which state that the permit holder shall submit a notification to the BAAQMD at least three days prior to the startup of a component connected to the gas collection and control system (GCCS) and within three days after the decommissioning of a component connected to the GCCS.

Pursuant to A/N 30889, the following table is a summation of the well actions detailed in this notification letter.

Well ID	Well Action	Date/Time Action Taken
OXSS2215	Horizontal Collector Startup	On or after December 27, 2022
OXSS2216	Horizontal Collector Startup	On or after December 27, 2022

The startup date and time for these collectors will be recorded in the Startup, Shutdown, and Malfunction (SSM) log report submitted on a semi-annual basis to the BAAQMD and United States Environmental Protection Agency (USEPA), Region IX, pursuant to Regulation 8, Rule 34, Section 501.

In accordance with Title V Permit Condition Number 10164 Part 17(b)(vii), if the Permit Holder has a net reduction of more than five components within a 120-day period, the Permit Holder shall submit a more comprehensive decommissioning notification to the BAAQMD. With the startup of two horizontal LFG collectors, the GCCS at Ox Mountain has not had a net reduction of five or more components within the previous 120-days of this well action; therefore, no further details are required with this submittal.

December 23, 2022

The following table shows the status of decommissions and installations for A/N 30889.

Action	Permitted Actions for Application Number 30889	Remaining Actions Per Application Number 30889
Vertical Gas Extraction Well Installations	100	78
Horizontal Collector Installations	20	10
Vertical Gas Extraction Well Decommissions	150	122
Horizontal Collector Decommissions	15	14
Vertical Well Replacements	Unlimited	Unlimited

With the startup of two horizontal LFG collectors, there are currently 189 vertical LFG extraction wells, 18 vertical LFG extraction wells with approval for less than continuously operation (LTCO), 16 horizontal collectors, and 10 leachate cleanout risers connected to the GCCS at Ox Mountain.

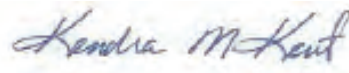
If you have any questions regarding this notification, please do not hesitate to call Kendra Kent at (520) 526-7270 or by email at [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com).

Sincerely,

**TETRA TECH BAS, INC.**



Nat Israel  
Compliance Specialist



Kendra Kent  
Project Manager

cc: Kelly McDonnell, BFIC  
Benjamin Wade, BFIC  
Travis Armstrong, BFIC



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

[See back of form for instructions](#) →

1.  **BREAKDOWN RELIEF: District Use Only BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION District Use Only REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: District Use Only REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): District Use Only PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kendra Kent	Phone #	(520) 275-0189
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	~ 3 hours 22 minutes
Start Time/Date	12/31/2022 at approximately 10:38 AM	Clear Time	12/31/2022 at 2:01 PM
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
		<input checked="" type="checkbox"/> ▶ Other (describe) scfm	

**Event Description:** At approximately 10:38 AM on December 31, 2022, site control equipment automatically shutdown due to high temperature alarm caused by a surge in gas as a result of the sudden shutdown of the Ameresco Landfill Gas to Energy (LFGTE) facility. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. Unfortunately, due to severe weather Highway 92, the main access to the landfill, was closed in all directions as a result of severe flooding and hazardous road conditions by local law enforcement. This hampered the response time of the technician as access to Highway 92 was not permitted until approximately 1:45 PM. Once the technician arrived and performed an inspection of flare facility, the A-7 Flare was restarted at approximately 2:00 PM following inspection of the flare facility. The Ameresco LFGTE technician gained access to the site around the same time and tentatively has diagnosed an auto-valve issue as the cause of the initial shutdown of the LFGTE that caused the cascade shutdown of the A-7 Flare. Additional details regarding the findings and causes will be detailed in the 10-day Breakdown report. Note, during shutdowns of this nature, LFG flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

### District Use Only

Received by

Date

Time

### General Instructions



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

[See back of form for instructions](#) →

1.  **BREAKDOWN RELIEF: District Use Only BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION District Use Only REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: District Use Only REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): District Use Only PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kendra Kent	Phone #	(520) 275-0189
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	~ 1 hours 7 minutes
Start Time/Date	1/1/2023 at approximately 3:44 AM	Clear Time	1/1/2023 at 4:52 AM
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
		<input checked="" type="checkbox"/> ▶ Other (describe) scfm	

**Event Description:** At approximately 3:44 AM on January 1, 2023, site control equipment automatically shutdown due to high temperature alarm caused by a surge in gas as a result of the sudden shutdown of the Ameresco Landfill Gas to Energy (LFGTE) facility. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. Unfortunately, due to the closure of the west bound lanes of Highway 92, the main access to the landfill, the technician was forced to detour around the area in order to gain access to the site from west which delayed the response time of the technician to the shutdown. Once the technician arrived and performed an inspection of flare facility, the A-7 Flare was restarted at approximately 4:52 AM. The Ameresco LFGTE technician also responding to a shutdown of the LFGTE tentatively diagnosed the issue of their shutdown, that caused the cascade shutdown of the A-7 Flare, as an issue with water infiltrating a valve controller/switch-box, similar to the shutdown yesterday, causing an electrical fault that unexpectedly shutdown the LFGTE. Additional details regarding this event will be detailed in the 10-day Breakdown report. Note, during shutdowns of this nature, LFG flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

### District Use Only

Received by

Date

Time

### General Instructions



January 9, 2023

Mr. Jeffrey Gove  
Director of Compliance and Enforcement  
Bay Area Air Quality Management District  
Attn: Title V Reports  
375 Beale Street, Suite 600  
San Francisco, CA 94105

**Transmitted via E-mail**

Re: Combined 10/30-day Title V Report and 30-day Breakdown Follow-up Letter  
Reportable Compliance Activity IDs 08P71 (breakdown) and 08P72 (excursion)  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of the Ox Mountain Landfill (Ox Mountain) (Facility Number A2266), submits this Combined 10/30-Day Title V Report and 30-Day Breakdown Follow-Up Letter for the Breakdown Relief Request submitted to the Bay Area Air Quality Management District (BAAQMD) per the requirements of BAAQMD Compliance and Enforcement Breakdown Guidelines. This letter also satisfies the 10 and 30-day Title V Report requirements and Title V Permit Condition Section I.F (Monitoring Reports). Pursuant to Title V Permit Condition Number 818 Part 3(a), the gas collection and control system (GCCS) shall remain in continuous operation. On December 31, 2022, and on January 1, 2023, the GCCS shutdown for more than one hour requiring two breakdown notifications. Reportable Compliance Activity (RCA) notifications were submitted to the BAAQMD on the same days as noted above, requesting breakdown relief and to report parametric excursions for the GCCS downtime event. RCA Notification IDs 08P71 (breakdown) and 08P72 (excursion) have been assigned to the December 31, 2022, event. BFIC respectfully requests that the BAAQMD grant breakdown relief for this event.

### **Background**

At approximately 10:38 AM on December 31, 2022, site control equipment automatically shutdown due to a high temperature alarm as a result of a surge in gas caused by the sudden shutdown of the Ameresco Landfill Gas to Energy (LFGTE) facility. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown alert. Unfortunately, due to severe weather Highway 92, the main access to the landfill, was closed in all directions because of severe flooding and hazardous road conditions by local law enforcement. This hampered the response time of the technician as access to Highway 92 was not permitted until approximately 1:45 PM. Once the technician arrived and performed an inspection of flare facility, the A-7 Flare was restarted at approximately 2:00 PM. The Ameresco LFGTE technician gained access to the site around the same time and initially diagnosed an auto-valve issue as the cause of the shutdown of the LFGTE that then caused the cascade shutdown of the A-7 Flare.

After further investigations into the cause of the outage, it was determined that rainwater had seeped into the valve controller/switchbox causing a short of the primary master permissive valve for the plant

leading to the shutdown of the plant. The Ameresco LFGTE technician dried the switchbox out and covered the box and associate conduit with a tarp to prevent further leaks.

At approximately 3:44 AM on January 1, 2023, site control equipment automatically shutdown again due to a high temperature alarm as a result of a surge in gas caused by another sudden shutdown of the Ameresco LFGTE facility. Site technicians were again dispatched to Ox Mountain as soon as possible following the shutdown. Unfortunately, due to the continued closure of the west bound lanes of Highway 92, the main access to the landfill, the technician was forced to detour around the area to gain access to the site from west which delayed the response time of the technicians to the shutdown. Once the technician arrived and performed an inspection of flare facility, the A-7 Flare was restarted at approximately 4:52 AM. The Ameresco LFGTE technician responded to the shutdown of the LFGTE facility and diagnosed the cause of the LFGTE facility shutdown as the same issue as the December 31, 2022 shutdown. Water had again infiltrated a valve controller/switchbox governing the primary master permissive value and caused an electrical fault that unexpectedly shutdown the LFGTE facility. The Ameresco LFGTE technician was unable to determine how rainwater was able to seep into the switchbox through the tarp. This led the technician to investigate the conduit leading to and from the switchbox to determine if the water was seeping in through those connections. His investigation led him "upstream" to another electrical cabinet that was also full of water that was draining into the conduit feeding into the valve switchbox. The technician dried the switchbox and electrical cabinet out and covered both with a tarp to prevent further leaks until weather permits further investigation and allows for permanent repairs to be made to prevent leaks during future rain events.

During both events, the backup A-9 Flare was inoperable due to ongoing refurbishments that are not due to be completed until mid-January 2023.

### **Corrective Actions**

This event took place after operating hours; therefore, no onsite personnel for Ox Mountain nor the LFGTE facility were present at the time of shutdown to inspect and restart the control devices. Ox Mountain has on-call personnel from Tetra Tech (TT) and Ameresco has their own personnel to respond to GCCS shutdown events afterhours for emergencies 24 hours a day, 7 days per week. Upon receiving an automated alert of control device downtime, these designated personnel immediately respond. Response time for TT technicians and Ameresco personnel is typically within 30-45 minutes, but this can vary depending on the time of day as well as traffic and weather conditions.

Due to the severe weather on December 31, 2022 and unsafe road conditions on Highway 92, response times were increased as technicians were required to take a long detour to access the Highway from the west and then had to wait for safety personnel allow them to pass. On January 1, 2023, when the second shutdown occurred, Highway 92 westbound remained closed due to a landslide, requiring technicians again to detour and access the highway from the west. Attachment C shows notifications of the closures.

Additionally, personnel from TT and Ameresco coordinate during the response to limit downtime. Once onsite, the on-call TT technician inspected the GCCS, blower flare station components and flares for damage in accordance with their inspection and pre-startup procedures. The A-7 Flare requires a technician onsite to be restarted due to the nature of how the Flares operate. They rely on several components that frequently need to be manually reset before the flares can resume operation.

Under normal circumstances the A-7 Flare operates 24 hours per day. However, due to the sudden increase in landfill gas (LFG) flow, the flare shutdown due to high flow. The Ameresco LFGTE facility shut

Mr. Jeffery Gove

January 9, 2023

Page 3

down due to the short of the primary master permissive valve which was beyond Ox Mountain's control. During this period of downtime, applicable inspection and maintenance (I&M) measures were taken pursuant to BAAQMD Regulation 8, Rule 34, Section 113 (8-34-113), which allows for up to 240 hours of GCCS downtime in any calendar year to allow for I&M of the GCCS.

Excess emissions did not occur during these events. The control devices at Ox Mountain have automated features that isolate the GCCS. This prevents emissions from the GCCS when the control devices are not in operation. At the time of this submittal, the GCCS is operating within normal parameters. BFIC respectfully requests that the BAAQMD grant breakdown relief for these events as the shutdown was out of Ox Mountain's/BFIC's control.

### **Conclusion**

The RCA Notifications were submitted per BAAQMD Regulation 1 Section 112 and the related excursion event per verbal guidance from a previous BAAMQD inspector, and out of an abundance of caution.

Although a request for breakdown relief is being submitted per BAAQMD guidelines, there was no "breakdown" of any Ox Mountain/BFIC-owned control device. Nor does BFIC believe that a parametric excursion occurred when the flares were offline, because there was no excursion from operating limits and no missing operating data. As BFIC has stated in past letters, it believes BAAQMD's Rule 1-523.3 only requires the reporting of parametric monitoring excursions when the monitoring equipment shows an exceedance of a permit condition when the flare is operating, not when it is shutdown.

With the submittal of this combined notification, BFIC has completed all reporting requirements for the events within the required timeframes. BFIC is committed to operating its systems in compliance with all applicable regulations and will continue to ensure future compliance.

If you have any questions or require additional information, please do not hesitate to contact myself at (650)713-3632 or by email at KMcdonnell@republicservices.com or Kendra Kent at (520) 526-7270 or by email at kendra.kent@tetrattech.com.

Sincerely,

*Kelly McDonnell*

Kelly McDonnell  
Environmental Manager  
Ox Mountain Landfill

Attachment: A – RCA Form IDs 08P71 (breakdown) and 08P72 (excursion)  
B – A-7 and A-9 Flare Data – December 30, 2022, through January 2, 2023  
C – Highway 92 Closure Notifications

cc: Travis Armstrong, BFIC  
Ben Wade, BFIC  
Kendra Kent, Tetra Tech  
Romelle Guittap, BAAQMD

Attachment A  
RCA Form IDs 08P71 (breakdown) and 08P72 (excursion)



## Kent, Kendra

---

**From:** Kent, Kendra  
**Sent:** Tuesday, January 3, 2023 9:42 AM  
**To:** Israel, Nat  
**Subject:** FW: RCA Notification - Ox Mountain (Facility #A2266) - December 31, 2022

---

**From:** RCA Notification <rca@baaqmd.gov>  
**Sent:** Tuesday, January 3, 2023 9:41 AM  
**To:** Kent, Kendra <Kendra.Kent@tetrattech.com>  
**Subject:** RE: RCA Notification - Ox Mountain (Facility #A2266) - December 31, 2022

Breakdown 08P71  
Excursion 08P72

---

**From:** Kent, Kendra <Kendra.Kent@tetrattech.com>  
**Sent:** Saturday, December 31, 2022 3:10 PM  
**To:** RCA Notification <rca@baaqmd.gov>  
**Cc:** Mcdonnell, Kelly <KMcdonnell@republicservices.com>; Israel, Nat <Nat.Israel@tetrattech.com>; Newbrough, Rob <Rob.Newbrough@tetrattech.com>; Ayass, Sami <Sami.Ayass@tetrattech.com>; Romelle Guittap <rguittap@baaqmd.gov>  
**Subject:** RCA Notification - Ox Mountain (Facility #A2266) - December 31, 2022

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To Whom it May Concern,

Tetra Tech is submitting the attached Reportable Compliance Activity (RCA) Form for breakdown relief on behalf of our client, Browning-Ferris of California, Inc., who owns and operates Ox Mountain Landfill (A2266), for a gas collection and control system (GCCS) shutdown that occurred today, December 31, 2022. If you have any questions or need additional information, please let us know.

Thanks,  
Kendra

**Kendra Kent** | Senior Compliance Specialist  
Direct +1 (520) 526-7270 | Mobile +1 (520) 275-0189 | Fax +1 (520) 888-4804 | [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
800 E Wetmore Road, Suite 230 | Tucson, Arizona 85719 | [tetrattech.com](http://tetrattech.com) | [www.cornestoneeg.com](http://www.cornestoneeg.com)

**While we are operating remotely in response to COVID-19, Tetra Tech teams remain fully connected and hard at work servicing our clients and ongoing projects. We also would like to wish health and wellness to you and your family.**

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## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

[See back of form for instructions](#) →

1.  **BREAKDOWN RELIEF: District Use Only BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION District Use Only REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: District Use Only REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): District Use Only PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kendra Kent	Phone #	(520) 275-0189
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	~ 3 hours 22 minutes
Start Time/Date	12/31/2022 at approximately 10:38 AM	Clear Time	12/31/2022 at 2:01 PM
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
		<input checked="" type="checkbox"/> ▶ Other (describe) scfm	

**Event Description:** At approximately 10:38 AM on December 31, 2022, site control equipment automatically shutdown due to high temperature alarm caused by a surge in gas as a result of the sudden shutdown of the Ameresco Landfill Gas to Energy (LFGTE) facility. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. Unfortunately, due to severe weather Highway 92, the main access to the landfill, was closed in all directions as a result of severe flooding and hazardous road conditions by local law enforcement. This hampered the response time of the technician as access to Highway 92 was not permitted until approximately 1:45 PM. Once the technician arrived and performed an inspection of flare facility, the A-7 Flare was restarted at approximately 2:00 PM following inspection of the flare facility. The Ameresco LFGTE technician gained access to the site around the same time and tentatively has diagnosed an auto-valve issue as the cause of the initial shutdown of the LFGTE that caused the cascade shutdown of the A-7 Flare. Additional details regarding the findings and causes will be detailed in the 10-day Breakdown report. Note, during shutdowns of this nature, LFG flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

### District Use Only

Received by

Date

Time

### General Instructions

Attachment B  
A-7 Flare Data – December 30, 2022, through January 2, 2023

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	00:00:00	0.000	1582	1608	1530	1550
2022/12/30	00:02:00	0.000	1578	1613	1528	1558
2022/12/30	00:04:00	0.000	1585	1611	1548	1566
2022/12/30	00:06:00	0.000	1589	1612	1553	1574
2022/12/30	00:08:00	0.000	1586	1615	1566	1582
2022/12/30	00:10:00	0.000	1591	1619	1543	1566
2022/12/30	00:12:00	0.000	1599	1618	1533	1543
2022/12/30	00:14:00	0.000	1599	1619	1537	1543
2022/12/30	00:16:00	0.000	1604	1622	1525	1548
2022/12/30	00:18:00	0.000	1606	1626	1524	1543
2022/12/30	00:20:00	0.000	1608	1628	1533	1553
2022/12/30	00:22:00	0.000	1612	1631	1537	1551
2022/12/30	00:24:00	0.000	1611	1630	1543	1580
2022/12/30	00:26:00	0.000	1604	1633	1537	1580
2022/12/30	00:28:00	0.000	1603	1633	1523	1542
2022/12/30	00:30:00	0.000	1597	1631	1520	1530
2022/12/30	00:32:00	0.000	1602	1628	1523	1537
2022/12/30	00:34:00	0.000	1597	1618	1525	1534
2022/12/30	00:36:00	0.000	1593	1619	1522	1550
2022/12/30	00:38:00	0.000	1590	1617	1534	1558
2022/12/30	00:40:00	0.000	1594	1611	1553	1566
2022/12/30	00:42:00	0.000	1585	1610	1533	1558
2022/12/30	00:44:00	0.000	1591	1622	1556	1582
2022/12/30	00:46:00	0.000	1604	1630	1526	1556
2022/12/30	00:48:00	0.000	1604	1632	1526	1545
2022/12/30	00:50:00	0.000	1609	1635	1527	1570
2022/12/30	00:52:00	0.000	1604	1632	1530	1564
2022/12/30	00:54:00	0.000	1599	1622	1531	1541
2022/12/30	00:56:00	0.000	1591	1617	1510	1558
2022/12/30	00:58:00	0.000	1589	1611	1505	1530
2022/12/30	01:00:00	0.000	1591	1615	1527	1545
2022/12/30	01:02:00	0.000	1596	1620	1528	1543
2022/12/30	01:04:00	0.000	1600	1630	1534	1564
2022/12/30	01:06:00	0.000	1608	1630	1560	1567
2022/12/30	01:08:00	0.000	1613	1633	1564	1575
2022/12/30	01:10:00	0.000	1609	1630	1535	1576
2022/12/30	01:12:00	0.000	1599	1630	1523	1572
2022/12/30	01:14:00	0.000	1599	1627	1531	1558
2022/12/30	01:16:00	0.000	1601	1619	1508	1531
2022/12/30	01:18:00	0.000	1593	1617	1521	1543

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	01:20:00	0.000	1596	1615	1504	1543
2022/12/30	01:22:00	0.000	1585	1613	1489	1528
2022/12/30	01:24:00	0.000	1597	1619	1494	1533
2022/12/30	01:26:00	0.000	1597	1624	1518	1571
2022/12/30	01:28:00	0.000	1607	1629	1571	1604
2022/12/30	01:30:00	0.000	1607	1637	1566	1592
2022/12/30	01:32:00	0.000	1609	1633	1545	1566
2022/12/30	01:34:00	0.000	1611	1637	1520	1564
2022/12/30	01:36:00	0.000	1610	1630	1497	1520
2022/12/30	01:38:00	0.000	1607	1632	1509	1529
2022/12/30	01:40:00	0.000	1607	1629	1529	1583
2022/12/30	01:42:00	0.000	1599	1630	1548	1589
2022/12/30	01:44:00	0.000	1608	1630	1543	1564
2022/12/30	01:46:00	0.000	1605	1630	1498	1553
2022/12/30	01:48:00	0.000	1601	1630	1500	1520
2022/12/30	01:50:00	0.000	1591	1623	1515	1529
2022/12/30	01:52:00	0.000	1595	1630	1522	1542
2022/12/30	01:54:00	0.000	1600	1619	1524	1549
2022/12/30	01:56:00	0.000	1599	1623	1537	1549
2022/12/30	01:58:00	0.000	1599	1624	1511	1548
2022/12/30	02:00:00	0.000	1597	1620	1533	1552
2022/12/30	02:02:00	0.000	1601	1620	1537	1569
2022/12/30	02:04:00	0.000	1595	1621	1560	1581
2022/12/30	02:06:00	0.000	1592	1621	1555	1564
2022/12/30	02:08:00	0.000	1584	1609	1527	1567
2022/12/30	02:10:00	0.000	1585	1615	1520	1543
2022/12/30	02:12:00	0.000	1589	1609	1528	1549
2022/12/30	02:14:00	0.000	1594	1611	1506	1528
2022/12/30	02:16:00	0.000	1591	1617	1510	1547
2022/12/30	02:18:00	0.000	1599	1616	1542	1553
2022/12/30	02:20:00	0.000	1593	1612	1537	1544
2022/12/30	02:22:00	0.000	1584	1608	1520	1558
2022/12/30	02:24:00	0.000	1583	1609	1525	1549
2022/12/30	02:26:00	0.000	1585	1608	1549	1562
2022/12/30	02:28:00	0.000	1574	1605	1550	1557
2022/12/30	02:30:00	0.000	1581	1605	1547	1567
2022/12/30	02:32:00	0.000	1582	1608	1551	1567
2022/12/30	02:34:00	0.000	1585	1608	1536	1556
2022/12/30	02:36:00	0.000	1586	1603	1534	1542
2022/12/30	02:38:00	0.000	1579	1607	1531	1547

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	02:40:00	0.000	1574	1601	1504	1543
2022/12/30	02:42:00	0.000	1585	1605	1531	1554
2022/12/30	02:44:00	0.000	1591	1609	1506	1540
2022/12/30	02:46:00	0.000	1593	1612	1523	1558
2022/12/30	02:48:00	0.000	1591	1621	1558	1574
2022/12/30	02:50:00	0.000	1597	1622	1549	1566
2022/12/30	02:52:00	0.000	1591	1622	1525	1549
2022/12/30	02:54:00	0.000	1597	1625	1547	1577
2022/12/30	02:56:00	0.000	1593	1615	1546	1578
2022/12/30	02:58:00	0.000	1593	1620	1542	1558
2022/12/30	03:00:00	0.000	1595	1619	1539	1557
2022/12/30	03:02:00	0.000	1598	1618	1515	1539
2022/12/30	03:04:00	0.000	1596	1621	1507	1536
2022/12/30	03:06:00	0.000	1599	1620	1507	1534
2022/12/30	03:08:00	0.000	1585	1617	1512	1523
2022/12/30	03:10:00	0.000	1591	1611	1515	1551
2022/12/30	03:12:00	0.000	1593	1613	1551	1573
2022/12/30	03:14:00	0.000	1594	1617	1548	1573
2022/12/30	03:16:00	0.000	1594	1613	1548	1578
2022/12/30	03:18:00	0.000	1589	1617	1543	1574
2022/12/30	03:20:00	0.000	1592	1612	1547	1564
2022/12/30	03:22:00	0.000	1586	1613	1525	1560
2022/12/30	03:24:00	0.000	1589	1609	1523	1538
2022/12/30	03:26:00	0.000	1592	1609	1518	1537
2022/12/30	03:28:00	0.000	1582	1609	1499	1525
2022/12/30	03:30:00	0.000	1582	1608	1525	1564
2022/12/30	03:32:00	0.000	1579	1609	1549	1569
2022/12/30	03:34:00	0.000	1585	1610	1547	1567
2022/12/30	03:36:00	0.000	1587	1608	1537	1553
2022/12/30	03:38:00	0.000	1584	1606	1547	1561
2022/12/30	03:40:00	0.000	1585	1603	1520	1561
2022/12/30	03:42:00	0.000	1587	1604	1518	1557
2022/12/30	03:44:00	0.000	1582	1606	1515	1557
2022/12/30	03:46:00	0.000	1583	1603	1502	1541
2022/12/30	03:48:00	0.000	1578	1608	1510	1539
2022/12/30	03:50:00	0.000	1580	1611	1523	1568
2022/12/30	03:52:00	0.000	1585	1613	1554	1577
2022/12/30	03:54:00	0.000	1585	1612	1543	1554
2022/12/30	03:56:00	0.000	1591	1615	1526	1554
2022/12/30	03:58:00	0.000	1591	1617	1545	1564

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	04:00:00	0.000	1592	1619	1547	1573
2022/12/30	04:02:00	0.000	1589	1619	1496	1547
2022/12/30	04:04:00	0.000	1593	1619	1499	1539
2022/12/30	04:06:00	0.000	1593	1622	1508	1558
2022/12/30	04:08:00	0.000	1600	1623	1539	1554
2022/12/30	04:10:00	0.000	1605	1625	1537	1549
2022/12/30	04:12:00	0.000	1611	1636	1520	1560
2022/12/30	04:14:00	0.000	1623	1649	1523	1556
2022/12/30	04:16:00	0.000	1624	1651	1549	1572
2022/12/30	04:18:00	0.000	1640	1659	1566	1583
2022/12/30	04:20:00	0.000	1652	1676	1560	1584
2022/12/30	04:22:00	0.000	1652	1676	1548	1565
2022/12/30	04:24:00	0.000	1657	1683	1537	1569
2022/12/30	04:26:00	0.000	1662	1687	1544	1551
2022/12/30	04:28:00	0.000	1670	1692	1535	1551
2022/12/30	04:30:00	0.000	1673	1690	1539	1582
2022/12/30	04:32:00	0.000	1670	1687	1501	1539
2022/12/30	04:34:00	0.000	1661	1685	1516	1545
2022/12/30	04:36:00	0.000	1654	1677	1492	1551
2022/12/30	04:38:00	0.000	1651	1670	1518	1571
2022/12/30	04:40:00	0.000	1630	1663	1512	1541
2022/12/30	04:42:00	0.000	1626	1647	1514	1533
2022/12/30	04:44:00	0.000	1627	1655	1510	1548
2022/12/30	04:46:00	0.000	1626	1654	1494	1543
2022/12/30	04:48:00	0.000	1632	1655	1520	1630
2022/12/30	04:50:00	0.000	1639	1666	1561	1631
2022/12/30	04:52:00	0.000	1647	1666	1541	1564
2022/12/30	04:54:00	0.000	1649	1673	1551	1574
2022/12/30	04:56:00	0.000	1657	1674	1539	1567
2022/12/30	04:58:00	0.000	1641	1674	1499	1539
2022/12/30	05:00:00	0.000	1634	1665	1495	1534
2022/12/30	05:02:00	0.000	1633	1654	1523	1554
2022/12/30	05:04:00	0.000	1629	1654	1528	1561
2022/12/30	05:06:00	0.000	1633	1661	1527	1565
2022/12/30	05:08:00	0.000	1642	1667	1528	1556
2022/12/30	05:10:00	0.000	1649	1681	1554	1574
2022/12/30	05:12:00	0.000	1648	1678	1543	1575
2022/12/30	05:14:00	0.000	1636	1660	1528	1568
2022/12/30	05:16:00	0.000	1633	1655	1498	1537
2022/12/30	05:18:00	0.000	1623	1666	1492	1525

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	05:20:00	0.000	1648	1670	1525	1554
2022/12/30	05:22:00	0.000	1655	1681	1536	1566
2022/12/30	05:24:00	0.000	1652	1675	1536	1560
2022/12/30	05:26:00	0.000	1653	1678	1560	1584
2022/12/30	05:28:00	0.000	1651	1671	1553	1567
2022/12/30	05:30:00	0.000	1650	1670	1551	1561
2022/12/30	05:32:00	0.000	1649	1667	1514	1561
2022/12/30	05:34:00	0.000	1641	1663	1512	1523
2022/12/30	05:36:00	0.000	1636	1656	1482	1535
2022/12/30	05:38:00	0.000	1636	1663	1482	1569
2022/12/30	05:40:00	0.000	1643	1671	1565	1574
2022/12/30	05:42:00	0.000	1651	1683	1560	1577
2022/12/30	05:44:00	0.000	1663	1696	1518	1577
2022/12/30	05:46:00	0.000	1669	1688	1544	1574
2022/12/30	05:48:00	0.000	1658	1681	1524	1574
2022/12/30	05:50:00	0.000	1651	1676	1518	1542
2022/12/30	05:52:00	0.000	1641	1663	1502	1534
2022/12/30	05:54:00	0.000	1639	1661	1502	1514
2022/12/30	05:56:00	0.000	1642	1660	1507	1534
2022/12/30	05:58:00	0.000	1652	1671	1533	1587
2022/12/30	06:00:00	0.000	1657	1683	1577	1601
2022/12/30	06:02:00	0.000	1669	1687	1546	1578
2022/12/30	06:04:00	0.000	1664	1685	1543	1561
2022/12/30	06:06:00	0.000	1654	1679	1505	1543
2022/12/30	06:08:00	0.000	1647	1669	1492	1520
2022/12/30	06:10:00	0.000	1647	1673	1512	1529
2022/12/30	06:12:00	0.000	1648	1668	1508	1537
2022/12/30	06:14:00	0.000	1652	1670	1537	1570
2022/12/30	06:16:00	0.000	1644	1673	1549	1566
2022/12/30	06:18:00	0.000	1655	1675	1542	1581
2022/12/30	06:20:00	0.000	1653	1674	1539	1566
2022/12/30	06:22:00	0.000	1655	1676	1542	1566
2022/12/30	06:24:00	0.000	1657	1676	1532	1553
2022/12/30	06:26:00	0.000	1655	1673	1518	1557
2022/12/30	06:28:00	0.000	1651	1675	1467	1518
2022/12/30	06:30:00	0.000	1647	1669	1498	1514
2022/12/30	06:32:00	0.000	1643	1666	1502	1607
2022/12/30	06:34:00	0.000	1633	1657	1539	1606
2022/12/30	06:36:00	0.000	1635	1657	1545	1568
2022/12/30	06:38:00	0.000	1642	1671	1510	1547



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	06:40:00	0.000	1650	1674	1521	1563
2022/12/30	06:42:00	0.000	1655	1680	1545	1562
2022/12/30	06:44:00	0.000	1662	1679	1545	1572
2022/12/30	06:46:00	0.000	1666	1686	1551	1563
2022/12/30	06:48:00	0.000	1666	1687	1547	1560
2022/12/30	06:50:00	0.000	1661	1682	1520	1550
2022/12/30	06:52:00	0.000	1643	1674	1475	1520
2022/12/30	06:54:00	0.000	1637	1664	1466	1521
2022/12/30	06:56:00	0.000	1633	1654	1521	1545
2022/12/30	06:58:00	0.000	1630	1652	1527	1547
2022/12/30	07:00:00	0.000	1633	1659	1531	1551
2022/12/30	07:02:00	0.000	1638	1664	1520	1550
2022/12/30	07:04:00	0.000	1650	1670	1531	1579
2022/12/30	07:06:00	0.000	1652	1673	1549	1562
2022/12/30	07:08:00	0.000	1659	1676	1520	1560
2022/12/30	07:10:00	0.000	1651	1678	1560	1586
2022/12/30	07:12:00	0.000	1637	1665	1547	1569
2022/12/30	07:14:00	0.000	1622	1652	1543	1564
2022/12/30	07:16:00	0.000	1623	1651	1477	1545
2022/12/30	07:18:00	0.000	1629	1655	1495	1545
2022/12/30	07:20:00	0.000	1638	1664	1529	1550
2022/12/30	07:22:00	0.000	1648	1674	1527	1553
2022/12/30	07:24:00	0.000	1651	1670	1553	1572
2022/12/30	07:26:00	0.000	1650	1667	1556	1574
2022/12/30	07:28:00	0.000	1644	1666	1527	1565
2022/12/30	07:30:00	0.000	1642	1663	1510	1527
2022/12/30	07:32:00	0.000	1637	1661	1506	1529
2022/12/30	07:34:00	0.000	1630	1653	1512	1533
2022/12/30	07:36:00	0.000	1623	1646	1533	1560
2022/12/30	07:38:00	0.000	1625	1648	1527	1560
2022/12/30	07:40:00	0.000	1626	1662	1523	1543
2022/12/30	07:42:00	0.000	1644	1673	1534	1558
2022/12/30	07:44:00	0.000	1657	1681	1553	1577
2022/12/30	07:46:00	0.000	1651	1674	1564	1578
2022/12/30	07:48:00	0.000	1646	1666	1540	1566
2022/12/30	07:50:00	0.000	1651	1670	1531	1551
2022/12/30	07:52:00	0.000	1640	1661	1542	1553
2022/12/30	07:54:00	0.000	1637	1660	1506	1542
2022/12/30	07:56:00	0.000	1627	1651	1470	1516
2022/12/30	07:58:00	0.000	1625	1649	1495	1551

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	08:00:00	0.000	1628	1648	1551	1580
2022/12/30	08:02:00	0.000	1632	1653	1571	1596
2022/12/30	08:04:00	0.000	1636	1651	1537	1571
2022/12/30	08:06:00	0.000	1638	1659	1537	1574
2022/12/30	08:08:00	0.000	1633	1652	1493	1573
2022/12/30	08:10:00	0.000	1630	1655	1483	1531
2022/12/30	08:12:00	0.000	1637	1663	1531	1552
2022/12/30	08:14:00	0.000	1640	1664	1550	1559
2022/12/30	08:16:00	0.000	1641	1663	1550	1585
2022/12/30	08:18:00	0.000	1640	1662	1523	1585
2022/12/30	08:20:00	0.000	1644	1664	1512	1539
2022/12/30	08:22:00	0.000	1645	1670	1508	1531
2022/12/30	08:24:00	0.000	1641	1666	1520	1549
2022/12/30	08:26:00	0.000	1632	1655	1519	1547
2022/12/30	08:28:00	0.000	1616	1645	1524	1545
2022/12/30	08:30:00	0.000	1611	1642	1514	1540
2022/12/30	08:32:00	0.000	1620	1654	1540	1566
2022/12/30	08:34:00	0.000	1642	1666	1566	1596
2022/12/30	08:36:00	0.000	1640	1663	1539	1600
2022/12/30	08:38:00	0.000	1622	1653	1535	1551
2022/12/30	08:40:00	0.000	1617	1640	1489	1535
2022/12/30	08:42:00	0.000	1623	1643	1502	1545
2022/12/30	08:44:00	0.000	1625	1653	1535	1545
2022/12/30	08:46:00	0.000	1628	1649	1540	1553
2022/12/30	08:48:00	0.000	1633	1659	1542	1566
2022/12/30	08:50:00	0.000	1626	1657	1511	1568
2022/12/30	08:52:00	0.000	1618	1644	1510	1540
2022/12/30	08:54:00	0.000	1617	1640	1540	1556
2022/12/30	08:56:00	0.000	1615	1640	1545	1559
2022/12/30	08:58:00	0.000	1625	1642	1556	1562
2022/12/30	09:00:00	0.000	1626	1649	1534	1560
2022/12/30	09:02:00	0.000	1636	1654	1535	1595
2022/12/30	09:04:00	0.000	1637	1662	1547	1605
2022/12/30	09:06:00	0.000	1633	1666	1532	1549
2022/12/30	09:08:00	0.000	1622	1661	1512	1542
2022/12/30	09:10:00	0.000	1620	1643	1499	1535
2022/12/30	09:12:00	0.000	1617	1640	1504	1533
2022/12/30	09:14:00	0.000	1625	1643	1533	1578
2022/12/30	09:16:00	0.000	1626	1643	1547	1566
2022/12/30	09:18:00	0.000	1619	1650	1555	1568

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	09:20:00	0.000	1610	1648	1559	1570
2022/12/30	09:22:00	0.000	1627	1648	1537	1559
2022/12/30	09:24:00	0.000	1624	1650	1512	1563
2022/12/30	09:26:00	0.000	1627	1648	1499	1512
2022/12/30	09:28:00	0.000	1627	1648	1512	1545
2022/12/30	09:30:00	0.000	1632	1650	1506	1533
2022/12/30	09:32:00	0.000	1630	1659	1533	1550
2022/12/30	09:34:00	0.000	1637	1656	1550	1571
2022/12/30	09:36:00	0.000	1635	1655	1547	1570
2022/12/30	09:38:00	0.000	1631	1654	1540	1560
2022/12/30	09:40:00	0.000	1630	1652	1526	1558
2022/12/30	09:42:00	0.000	1623	1648	1522	1543
2022/12/30	09:44:00	0.000	1619	1644	1520	1547
2022/12/30	09:46:00	0.000	1615	1639	1507	1522
2022/12/30	09:48:00	0.000	1615	1640	1522	1552
2022/12/30	09:50:00	0.000	1619	1642	1546	1557
2022/12/30	09:52:00	0.000	1615	1642	1537	1565
2022/12/30	09:54:00	0.000	1619	1642	1542	1558
2022/12/30	09:56:00	0.000	1625	1642	1547	1558
2022/12/30	09:58:00	0.000	1624	1645	1553	1571
2022/12/30	10:00:00	0.000	1623	1654	1541	1556
2022/12/30	10:02:00	0.000	1627	1656	1520	1541
2022/12/30	10:04:00	0.000	1622	1651	1516	1528
2022/12/30	10:06:00	0.000	1628	1651	1520	1539
2022/12/30	10:08:00	0.000	1623	1654	1529	1553
2022/12/30	10:10:00	0.000	1628	1658	1553	1568
2022/12/30	10:12:00	0.000	1630	1651	1545	1572
2022/12/30	10:14:00	0.000	1629	1656	1541	1556
2022/12/30	10:16:00	0.000	1609	1644	1519	1555
2022/12/30	10:18:00	0.000	1605	1626	1496	1519
2022/12/30	10:20:00	0.000	1607	1634	1497	1537
2022/12/30	10:22:00	0.000	1617	1641	1533	1562
2022/12/30	10:24:00	0.000	1619	1648	1530	1539
2022/12/30	10:26:00	0.000	1632	1652	1539	1561
2022/12/30	10:28:00	0.000	1630	1696	1555	1592
2022/12/30	10:30:00	0.000	1688	1734	1582	1599
2022/12/30	10:32:00	0.000	1725	1753	1553	1594
2022/12/30	10:34:00	0.000	1724	1753	1527	1575
2022/12/30	10:36:00	0.000	1710	1737	1511	1571
2022/12/30	10:38:00	0.000	1716	1743	1491	1512

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	10:40:00	0.000	1730	1752	1497	1574
2022/12/30	10:42:00	0.000	1734	1763	1570	1582
2022/12/30	10:44:00	0.000	1747	1773	1547	1584
2022/12/30	10:46:00	0.000	1751	1772	1515	1548
2022/12/30	10:48:00	0.000	1747	1765	1513	1564
2022/12/30	10:50:00	0.000	1736	1762	1528	1572
2022/12/30	10:52:00	0.000	1727	1754	1504	1528
2022/12/30	10:54:00	0.000	1726	1750	1516	1561
2022/12/30	10:56:00	0.000	1729	1758	1508	1531
2022/12/30	10:58:00	0.000	1740	1770	1512	1580
2022/12/30	11:00:00	0.000	1748	1772	1537	1585
2022/12/30	11:02:00	0.000	1746	1765	1545	1558
2022/12/30	11:04:00	0.000	1737	1760	1525	1553
2022/12/30	11:06:00	0.000	1732	1756	1526	1543
2022/12/30	11:08:00	0.000	1737	1757	1534	1550
2022/12/30	11:10:00	0.000	1741	1758	1533	1545
2022/12/30	11:12:00	0.000	1734	1753	1532	1542
2022/12/30	11:14:00	0.000	1743	1765	1529	1550
2022/12/30	11:16:00	0.000	1740	1758	1533	1556
2022/12/30	11:18:00	0.000	1745	1765	1545	1566
2022/12/30	11:20:00	0.000	1751	1767	1547	1569
2022/12/30	11:22:00	0.000	1753	1769	1553	1600
2022/12/30	11:24:00	0.000	1754	1774	1529	1599
2022/12/30	11:26:00	0.000	1754	1774	1507	1531
2022/12/30	11:28:00	0.000	1756	1777	1506	1527
2022/12/30	11:30:00	0.000	1749	1777	1506	1545
2022/12/30	11:32:00	0.000	1758	1776	1516	1547
2022/12/30	11:34:00	0.000	1755	1779	1519	1569
2022/12/30	11:36:00	0.000	1760	1779	1561	1569
2022/12/30	11:38:00	0.000	1759	1777	1535	1563
2022/12/30	11:40:00	0.000	1761	1780	1535	1568
2022/12/30	11:42:00	0.000	1758	1777	1546	1566
2022/12/30	11:44:00	0.000	1763	1778	1547	1563
2022/12/30	11:46:00	0.000	1761	1776	1527	1549
2022/12/30	11:48:00	0.000	1745	1778	1508	1530
2022/12/30	11:50:00	0.000	1752	1779	1505	1559
2022/12/30	11:52:00	0.000	1752	1780	1537	1570
2022/12/30	11:54:00	0.000	1754	1780	1536	1564
2022/12/30	11:56:00	0.000	1757	1777	1525	1567
2022/12/30	11:58:00	0.000	1759	1781	1523	1564

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	12:00:00	0.000	1758	1776	1545	1565
2022/12/30	12:02:00	0.000	1760	1775	1533	1547
2022/12/30	12:04:00	0.000	1748	1772	1531	1556
2022/12/30	12:06:00	0.000	1748	1773	1513	1542
2022/12/30	12:08:00	0.000	1754	1772	1499	1520
2022/12/30	12:10:00	0.000	1754	1773	1507	1558
2022/12/30	12:12:00	0.000	1758	1773	1547	1561
2022/12/30	12:14:00	0.000	1754	1773	1548	1558
2022/12/30	12:16:00	0.000	1754	1773	1551	1567
2022/12/30	12:18:00	0.000	1755	1771	1526	1571
2022/12/30	12:20:00	0.000	1748	1772	1511	1576
2022/12/30	12:22:00	0.000	1743	1768	1510	1526
2022/12/30	12:24:00	0.000	1748	1765	1543	1548
2022/12/30	12:26:00	0.000	1748	1769	1542	1550
2022/12/30	12:28:00	0.000	1751	1770	1541	1566
2022/12/30	12:30:00	0.000	1752	1778	1563	1577
2022/12/30	12:32:00	0.000	1764	1785	1560	1581
2022/12/30	12:34:00	0.000	1769	1791	1514	1582
2022/12/30	12:36:00	0.000	1770	1789	1515	1544
2022/12/30	12:38:00	0.000	1761	1784	1504	1533
2022/12/30	12:40:00	0.000	1754	1774	1520	1531
2022/12/30	12:42:00	0.000	1740	1770	1516	1535
2022/12/30	12:44:00	0.000	1745	1765	1535	1548
2022/12/30	12:46:00	0.000	1746	1769	1545	1554
2022/12/30	12:48:00	0.000	1751	1770	1518	1549
2022/12/30	12:50:00	0.000	1754	1773	1534	1551
2022/12/30	12:52:00	0.000	1751	1770	1536	1549
2022/12/30	12:54:00	0.000	1756	1775	1543	1556
2022/12/30	12:56:00	0.000	1760	1776	1545	1562
2022/12/30	12:58:00	0.000	1743	1776	1544	1564
2022/12/30	13:00:00	0.000	1758	1777	1519	1572
2022/12/30	13:02:00	0.000	1758	1778	1510	1525
2022/12/30	13:04:00	0.000	1757	1784	1523	1537
2022/12/30	13:06:00	0.000	1763	1781	1510	1545
2022/12/30	13:08:00	0.000	1763	1786	1512	1554
2022/12/30	13:10:00	0.000	1763	1783	1533	1561
2022/12/30	13:12:00	0.000	1765	1788	1561	1582
2022/12/30	13:14:00	0.000	1765	1784	1541	1577
2022/12/30	13:16:00	0.000	1756	1784	1537	1551
2022/12/30	13:18:00	0.000	1748	1778	1528	1559

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	13:20:00	0.000	1748	1774	1516	1562
2022/12/30	13:22:00	0.000	1750	1773	1502	1527
2022/12/30	13:24:00	0.000	1750	1769	1521	1531
2022/12/30	13:26:00	0.000	1747	1768	1530	1539
2022/12/30	13:28:00	0.000	1748	1765	1531	1569
2022/12/30	13:30:00	0.000	1751	1773	1547	1573
2022/12/30	13:32:00	0.000	1758	1777	1570	1588
2022/12/30	13:34:00	0.000	1765	1785	1531	1577
2022/12/30	13:36:00	0.000	1740	1784	1510	1532
2022/12/30	13:38:00	0.000	1721	1747	1502	1538
2022/12/30	13:40:00	0.000	1737	1771	1533	1549
2022/12/30	13:42:00	0.000	1756	1783	1536	1566
2022/12/30	13:44:00	0.000	1765	1783	1563	1576
2022/12/30	13:46:00	0.000	1759	1780	1558	1580
2022/12/30	13:48:00	0.000	1754	1773	1537	1558
2022/12/30	13:50:00	0.000	1752	1772	1528	1552
2022/12/30	13:52:00	0.000	1745	1768	1504	1530
2022/12/30	13:54:00	0.000	1745	1776	1507	1535
2022/12/30	13:56:00	0.000	1749	1776	1532	1547
2022/12/30	13:58:00	0.000	1754	1775	1541	1560
2022/12/30	14:00:00	0.000	1757	1779	1533	1546
2022/12/30	14:02:00	0.000	1760	1780	1520	1537
2022/12/30	14:04:00	0.000	1759	1780	1525	1557
2022/12/30	14:06:00	0.000	1761	1782	1535	1550
2022/12/30	14:08:00	0.000	1765	1780	1534	1591
2022/12/30	14:10:00	0.000	1758	1788	1559	1615
2022/12/30	14:12:00	0.000	1762	1787	1502	1559
2022/12/30	14:14:00	0.000	1767	1781	1496	1507
2022/12/30	14:16:00	0.000	1766	1788	1506	1562
2022/12/30	14:18:00	0.000	1773	1791	1553	1566
2022/12/30	14:20:00	0.000	1773	1790	1554	1574
2022/12/30	14:22:00	0.000	1774	1793	1530	1580
2022/12/30	14:24:00	0.000	1771	1791	1528	1558
2022/12/30	14:26:00	0.000	1765	1784	1523	1539
2022/12/30	14:28:00	0.000	1762	1777	1520	1545
2022/12/30	14:30:00	0.000	1753	1780	1520	1549
2022/12/30	14:32:00	0.000	1753	1776	1507	1547
2022/12/30	14:34:00	0.000	1751	1773	1506	1539
2022/12/30	14:36:00	0.000	1754	1773	1515	1539
2022/12/30	14:38:00	0.000	1756	1774	1525	1577

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	14:40:00	0.000	1757	1773	1553	1574
2022/12/30	14:42:00	0.000	1758	1775	1548	1575
2022/12/30	14:44:00	0.000	1762	1778	1535	1557
2022/12/30	14:46:00	0.000	1760	1781	1538	1557
2022/12/30	14:48:00	0.000	1754	1781	1535	1561
2022/12/30	14:50:00	0.000	1756	1777	1518	1542
2022/12/30	14:52:00	0.000	1757	1779	1518	1542
2022/12/30	14:54:00	0.000	1753	1784	1509	1545
2022/12/30	14:56:00	0.000	1763	1784	1531	1561
2022/12/30	14:58:00	0.000	1769	1788	1504	1551
2022/12/30	15:00:00	0.000	1763	1788	1537	1558
2022/12/30	15:02:00	0.000	1769	1787	1544	1558
2022/12/30	15:04:00	0.000	1772	1788	1545	1571
2022/12/30	15:06:00	0.000	1765	1783	1571	1580
2022/12/30	15:08:00	0.000	1765	1781	1559	1582
2022/12/30	15:10:00	0.000	1743	1780	1482	1559
2022/12/30	15:12:00	0.000	1754	1779	1481	1518
2022/12/30	15:14:00	0.000	1752	1774	1510	1533
2022/12/30	15:16:00	0.000	1754	1777	1523	1541
2022/12/30	15:18:00	0.000	1759	1773	1539	1541
2022/12/30	15:20:00	0.000	1761	1778	1541	1561
2022/12/30	15:22:00	0.000	1724	1770	1528	1563
2022/12/30	15:24:00	0.000	1709	1734	1499	1528
2022/12/30	15:26:00	0.000	1697	1720	1502	1528
2022/12/30	15:28:00	0.000	1698	1721	1514	1535
2022/12/30	15:30:00	0.000	1703	1721	1515	1556
2022/12/30	15:32:00	0.000	1706	1760	1526	1582
2022/12/30	15:34:00	0.000	1745	1786	1582	1611
2022/12/30	15:36:00	0.000	1774	1788	1527	1608
2022/12/30	15:38:00	0.000	1737	1784	1528	1553
2022/12/30	15:40:00	0.000	1707	1748	1516	1535
2022/12/30	15:42:00	0.000	1690	1724	1490	1529
2022/12/30	15:44:00	0.000	1597	1701	1475	1490
2022/12/30	15:46:00	0.000	1532	1602	1467	1478
2022/12/30	15:48:00	0.000	1527	1554	1469	1483
2022/12/30	15:50:00	0.000	1536	1562	1483	1539
2022/12/30	15:52:00	0.000	1545	1570	1537	1564
2022/12/30	15:54:00	0.000	1553	1572	1547	1561
2022/12/30	15:56:00	0.000	1550	1578	1545	1559
2022/12/30	15:58:00	0.000	1541	1572	1555	1572

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	16:00:00	0.000	1536	1556	1520	1558
2022/12/30	16:02:00	0.000	1530	1564	1520	1527
2022/12/30	16:04:00	0.000	1538	1570	1516	1531
2022/12/30	16:06:00	0.000	1545	1570	1517	1567
2022/12/30	16:08:00	0.000	1554	1570	1537	1569
2022/12/30	16:10:00	0.000	1544	1567	1549	1572
2022/12/30	16:12:00	0.000	1545	1574	1518	1576
2022/12/30	16:14:00	0.000	1540	1574	1515	1548
2022/12/30	16:16:00	0.000	1550	1574	1531	1550
2022/12/30	16:18:00	0.000	1545	1576	1527	1545
2022/12/30	16:20:00	0.000	1556	1582	1524	1558
2022/12/30	16:22:00	0.000	1559	1580	1536	1559
2022/12/30	16:24:00	0.000	1560	1583	1539	1547
2022/12/30	16:26:00	0.000	1565	1586	1533	1553
2022/12/30	16:28:00	0.000	1561	1586	1539	1573
2022/12/30	16:30:00	0.000	1569	1590	1534	1557
2022/12/30	16:32:00	0.000	1571	1593	1525	1536
2022/12/30	16:34:00	0.000	1563	1599	1525	1537
2022/12/30	16:36:00	0.000	1555	1583	1528	1537
2022/12/30	16:38:00	0.000	1543	1576	1529	1547
2022/12/30	16:40:00	0.000	1550	1574	1526	1560
2022/12/30	16:42:00	0.000	1545	1572	1559	1577
2022/12/30	16:44:00	0.000	1545	1566	1559	1577
2022/12/30	16:46:00	0.000	1548	1567	1524	1564
2022/12/30	16:48:00	0.000	1540	1563	1515	1539
2022/12/30	16:50:00	0.000	1548	1572	1504	1543
2022/12/30	16:52:00	0.000	1516	1569	1525	1556
2022/12/30	16:54:00	0.000	1488	1527	1497	1525
2022/12/30	16:56:00	0.000	1457	1504	1504	1531
2022/12/30	16:58:00	0.000	1439	1479	1516	1535
2022/12/30	17:00:00	0.000	1451	1471	1516	1545
2022/12/30	17:02:00	0.000	1453	1484	1536	1562
2022/12/30	17:04:00	0.000	1462	1484	1528	1565
2022/12/30	17:06:00	0.000	1461	1488	1540	1576
2022/12/30	17:08:00	0.000	1466	1489	1539	1571
2022/12/30	17:10:00	0.000	1457	1490	1537	1572
2022/12/30	17:12:00	0.000	1450	1488	1534	1567
2022/12/30	17:14:00	0.000	1437	1472	1504	1534
2022/12/30	17:16:00	0.000	1428	1460	1499	1516
2022/12/30	17:18:00	0.000	1422	1454	1516	1537



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	17:20:00	0.000	1414	1448	1512	1547
2022/12/30	17:22:00	0.000	1424	1463	1547	1560
2022/12/30	17:24:00	0.000	1436	1474	1547	1582
2022/12/30	17:26:00	0.000	1443	1484	1551	1583
2022/12/30	17:28:00	0.000	1446	1485	1537	1561
2022/12/30	17:30:00	0.000	1431	1462	1534	1548
2022/12/30	17:32:00	0.000	1428	1457	1507	1536
2022/12/30	17:34:00	0.000	1409	1446	1503	1523
2022/12/30	17:36:00	0.000	1414	1442	1523	1550
2022/12/30	17:38:00	0.000	1424	1453	1540	1574
2022/12/30	17:40:00	0.000	1424	1455	1533	1559
2022/12/30	17:42:00	0.000	1431	1461	1535	1591
2022/12/30	17:44:00	0.000	1441	1472	1518	1583
2022/12/30	17:46:00	0.000	1424	1461	1510	1534
2022/12/30	17:48:00	0.000	1425	1455	1520	1534
2022/12/30	17:50:00	0.000	1422	1457	1518	1569
2022/12/30	17:52:00	0.000	1423	1449	1558	1570
2022/12/30	17:54:00	0.000	1406	1447	1537	1563
2022/12/30	17:56:00	0.000	1401	1432	1529	1551
2022/12/30	17:58:00	0.000	1383	1417	1482	1529
2022/12/30	18:00:00	0.000	1375	1404	1473	1523
2022/12/30	18:02:00	0.000	1364	1399	1523	1534
2022/12/30	18:04:00	0.000	1368	1403	1526	1549
2022/12/30	18:06:00	0.000	1371	1416	1538	1560
2022/12/30	18:08:00	0.000	1381	1410	1560	1572
2022/12/30	18:10:00	0.000	1384	1420	1550	1565
2022/12/30	18:12:00	0.000	1387	1419	1541	1565
2022/12/30	18:14:00	0.000	1380	1424	1533	1541
2022/12/30	18:16:00	0.000	1387	1419	1534	1547
2022/12/30	18:18:00	0.000	1387	1416	1526	1543
2022/12/30	18:20:00	0.000	1390	1417	1522	1541
2022/12/30	18:22:00	0.000	1384	1420	1531	1551
2022/12/30	18:24:00	0.000	1388	1425	1541	1555
2022/12/30	18:26:00	0.000	1393	1427	1539	1555
2022/12/30	18:28:00	0.000	1394	1424	1550	1560
2022/12/30	18:30:00	0.000	1390	1428	1543	1561
2022/12/30	18:32:00	0.000	1391	1424	1545	1556
2022/12/30	18:34:00	0.000	1391	1426	1539	1549
2022/12/30	18:36:00	0.000	1376	1421	1532	1549
2022/12/30	18:38:00	0.000	1361	1421	1499	1534

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	18:40:00	0.000	1369	1407	1488	1513
2022/12/30	18:42:00	0.000	1363	1409	1512	1570
2022/12/30	18:44:00	0.000	1361	1392	1539	1574
2022/12/30	18:46:00	0.000	1365	1408	1544	1560
2022/12/30	18:48:00	0.000	1382	1415	1545	1567
2022/12/30	18:50:00	0.000	1399	1431	1543	1578
2022/12/30	18:52:00	0.000	1421	1450	1555	1573
2022/12/30	18:54:00	0.000	1431	1469	1554	1566
2022/12/30	18:56:00	0.000	1448	1475	1539	1559
2022/12/30	18:58:00	0.000	1428	1462	1515	1543
2022/12/30	19:00:00	0.000	1419	1448	1499	1518
2022/12/30	19:02:00	0.000	1415	1466	1517	1539
2022/12/30	19:04:00	0.000	1423	1464	1533	1561
2022/12/30	19:06:00	0.000	1443	1473	1543	1569
2022/12/30	19:08:00	0.000	1448	1484	1547	1563
2022/12/30	19:10:00	0.000	1456	1483	1557	1582
2022/12/30	19:12:00	0.000	1461	1485	1535	1584
2022/12/30	19:14:00	0.000	1442	1480	1523	1539
2022/12/30	19:16:00	0.000	1423	1479	1528	1546
2022/12/30	19:18:00	0.000	1433	1468	1503	1530
2022/12/30	19:20:00	0.000	1430	1469	1497	1533
2022/12/30	19:22:00	0.000	1435	1465	1528	1556
2022/12/30	19:24:00	0.000	1425	1459	1540	1551
2022/12/30	19:26:00	0.000	1428	1462	1534	1545
2022/12/30	19:28:00	0.000	1440	1465	1527	1553
2022/12/30	19:30:00	0.000	1438	1472	1535	1556
2022/12/30	19:32:00	0.000	1442	1472	1550	1561
2022/12/30	19:34:00	0.000	1451	1479	1561	1576
2022/12/30	19:36:00	0.000	1448	1483	1553	1571
2022/12/30	19:38:00	0.000	1451	1477	1518	1555
2022/12/30	19:40:00	0.000	1443	1477	1500	1520
2022/12/30	19:42:00	0.000	1441	1472	1499	1549
2022/12/30	19:44:00	0.000	1431	1467	1499	1562
2022/12/30	19:46:00	0.000	1437	1467	1553	1572
2022/12/30	19:48:00	0.000	1427	1457	1518	1572
2022/12/30	19:50:00	0.000	1425	1453	1508	1529
2022/12/30	19:52:00	0.000	1429	1462	1520	1550
2022/12/30	19:54:00	0.000	1442	1471	1535	1560
2022/12/30	19:56:00	0.000	1440	1483	1560	1574
2022/12/30	19:58:00	0.000	1453	1484	1568	1574

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	20:00:00	0.000	1464	1486	1555	1574
2022/12/30	20:02:00	0.000	1460	1484	1545	1561
2022/12/30	20:04:00	0.000	1446	1479	1514	1545
2022/12/30	20:06:00	0.000	1442	1468	1508	1518
2022/12/30	20:08:00	0.000	1428	1465	1512	1520
2022/12/30	20:10:00	0.000	1428	1460	1520	1544
2022/12/30	20:12:00	0.000	1421	1453	1522	1531
2022/12/30	20:14:00	0.000	1424	1452	1522	1539
2022/12/30	20:16:00	0.000	1431	1462	1539	1585
2022/12/30	20:18:00	0.000	1437	1464	1553	1588
2022/12/30	20:20:00	0.000	1441	1470	1539	1566
2022/12/30	20:22:00	0.000	1437	1468	1525	1542
2022/12/30	20:24:00	0.000	1445	1477	1542	1561
2022/12/30	20:26:00	0.000	1439	1472	1514	1550
2022/12/30	20:28:00	0.000	1439	1468	1528	1543
2022/12/30	20:30:00	0.000	1435	1459	1515	1542
2022/12/30	20:32:00	0.000	1433	1457	1512	1548
2022/12/30	20:34:00	0.000	1428	1457	1539	1562
2022/12/30	20:36:00	0.000	1417	1453	1537	1566
2022/12/30	20:38:00	0.000	1407	1447	1523	1572
2022/12/30	20:40:00	0.000	1428	1453	1512	1526
2022/12/30	20:42:00	0.000	1435	1462	1522	1531
2022/12/30	20:44:00	0.000	1437	1475	1529	1547
2022/12/30	20:46:00	0.000	1439	1472	1535	1545
2022/12/30	20:48:00	0.000	1428	1464	1531	1569
2022/12/30	20:50:00	0.000	1420	1452	1553	1569
2022/12/30	20:52:00	0.000	1412	1446	1530	1556
2022/12/30	20:54:00	0.000	1407	1437	1525	1558
2022/12/30	20:56:00	0.000	1414	1451	1554	1566
2022/12/30	20:58:00	0.000	1424	1455	1528	1558
2022/12/30	21:00:00	0.000	1426	1468	1523	1547
2022/12/30	21:02:00	0.000	1434	1465	1544	1563
2022/12/30	21:04:00	0.000	1442	1469	1533	1556
2022/12/30	21:06:00	0.000	1441	1467	1532	1561
2022/12/30	21:08:00	0.000	1428	1460	1545	1559
2022/12/30	21:10:00	0.000	1437	1463	1515	1547
2022/12/30	21:12:00	0.000	1431	1457	1512	1525
2022/12/30	21:14:00	0.000	1419	1460	1517	1529
2022/12/30	21:16:00	0.000	1427	1457	1523	1549
2022/12/30	21:18:00	0.000	1427	1453	1531	1547

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	21:20:00	0.000	1425	1454	1541	1577
2022/12/30	21:22:00	0.000	1423	1453	1545	1577
2022/12/30	21:24:00	0.000	1417	1452	1536	1561
2022/12/30	21:26:00	0.000	1417	1446	1516	1536
2022/12/30	21:28:00	0.000	1414	1449	1510	1535
2022/12/30	21:30:00	0.000	1414	1448	1528	1543
2022/12/30	21:32:00	0.000	1409	1448	1525	1535
2022/12/30	21:34:00	0.000	1409	1444	1523	1551
2022/12/30	21:36:00	0.000	1401	1439	1547	1568
2022/12/30	21:38:00	0.000	1403	1431	1542	1566
2022/12/30	21:40:00	0.000	1394	1428	1537	1552
2022/12/30	21:42:00	0.000	1391	1428	1541	1561
2022/12/30	21:44:00	0.000	1400	1428	1508	1541
2022/12/30	21:46:00	0.000	1398	1428	1502	1526
2022/12/30	21:48:00	0.000	1392	1425	1525	1544
2022/12/30	21:50:00	0.000	1391	1419	1521	1539
2022/12/30	21:52:00	0.000	1391	1427	1516	1564
2022/12/30	21:54:00	0.000	1386	1417	1549	1569
2022/12/30	21:56:00	0.000	1383	1420	1547	1561
2022/12/30	21:58:00	0.000	1386	1419	1555	1566
2022/12/30	22:00:00	0.000	1378	1420	1516	1560
2022/12/30	22:02:00	0.000	1384	1421	1528	1536
2022/12/30	22:04:00	0.000	1389	1419	1529	1543
2022/12/30	22:06:00	0.000	1390	1424	1527	1552
2022/12/30	22:08:00	0.000	1383	1424	1518	1547
2022/12/30	22:10:00	0.000	1371	1415	1520	1551
2022/12/30	22:12:00	0.000	1363	1404	1524	1541
2022/12/30	22:14:00	0.000	1380	1415	1522	1545
2022/12/30	22:16:00	0.000	1381	1411	1539	1553
2022/12/30	22:18:00	0.000	1372	1417	1539	1566
2022/12/30	22:20:00	0.000	1378	1412	1534	1569
2022/12/30	22:22:00	0.000	1381	1409	1528	1550
2022/12/30	22:24:00	0.000	1372	1413	1548	1563
2022/12/30	22:26:00	0.000	1376	1411	1514	1564
2022/12/30	22:28:00	0.000	1377	1413	1515	1550
2022/12/30	22:30:00	0.000	1372	1406	1537	1556
2022/12/30	22:32:00	0.000	1374	1412	1540	1558
2022/12/30	22:34:00	0.000	1373	1414	1547	1566
2022/12/30	22:36:00	0.000	1383	1417	1523	1568
2022/12/30	22:38:00	0.000	1382	1417	1523	1545

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	22:40:00	0.000	1383	1420	1542	1550
2022/12/30	22:42:00	0.000	1382	1417	1528	1542
2022/12/30	22:44:00	0.000	1387	1421	1529	1561
2022/12/30	22:46:00	0.000	1391	1425	1529	1542
2022/12/30	22:48:00	0.000	1389	1426	1537	1550
2022/12/30	22:50:00	0.000	1390	1434	1528	1557
2022/12/30	22:52:00	0.000	1400	1428	1533	1553
2022/12/30	22:54:00	0.000	1384	1428	1549	1555
2022/12/30	22:56:00	0.000	1392	1431	1513	1549
2022/12/30	22:58:00	0.000	1392	1433	1535	1543
2022/12/30	23:00:00	0.000	1393	1429	1534	1566
2022/12/30	23:02:00	0.000	1400	1431	1552	1570
2022/12/30	23:04:00	0.000	1388	1424	1531	1552
2022/12/30	23:06:00	0.000	1388	1424	1534	1556
2022/12/30	23:08:00	0.000	1384	1424	1535	1557
2022/12/30	23:10:00	0.000	1386	1417	1520	1556
2022/12/30	23:12:00	0.000	1391	1417	1518	1527
2022/12/30	23:14:00	0.000	1385	1417	1526	1533
2022/12/30	23:16:00	0.000	1383	1418	1524	1553
2022/12/30	23:18:00	0.000	1388	1418	1553	1575
2022/12/30	23:20:00	0.000	1380	1416	1559	1575
2022/12/30	23:22:00	0.000	1372	1409	1523	1559
2022/12/30	23:24:00	0.000	1367	1410	1512	1533
2022/12/30	23:26:00	0.000	1372	1411	1511	1556
2022/12/30	23:28:00	0.000	1378	1407	1536	1556
2022/12/30	23:30:00	0.000	1363	1402	1539	1548
2022/12/30	23:32:00	0.000	1367	1399	1547	1558
2022/12/30	23:34:00	0.000	1360	1406	1525	1564
2022/12/30	23:36:00	0.000	1367	1406	1538	1564
2022/12/30	23:38:00	0.000	1361	1399	1543	1551
2022/12/30	23:40:00	0.000	1354	1398	1531	1547
2022/12/30	23:42:00	0.000	1358	1392	1520	1532
2022/12/30	23:44:00	0.000	1350	1391	1525	1545
2022/12/30	23:46:00	0.000	1354	1394	1510	1527
2022/12/30	23:48:00	0.000	1349	1389	1511	1533
2022/12/30	23:50:00	0.000	1344	1387	1531	1546
2022/12/30	23:52:00	0.000	1334	1382	1527	1539
2022/12/30	23:54:00	0.000	1347	1385	1520	1566
2022/12/30	23:56:00	0.000	1335	1380	1563	1572
2022/12/30	23:58:00	0.000	1330	1376	1561	1573

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/31	00:00:00	0.000	1330	1372	1547	1563
2022/12/31	00:02:00	0.000	1335	1381	1534	1550
2022/12/31	00:04:00	0.000	1342	1382	1537	1549
2022/12/31	00:06:00	0.000	1345	1391	1529	1545
2022/12/31	00:08:00	0.000	1347	1383	1528	1551
2022/12/31	00:10:00	0.000	1339	1388	1540	1552
2022/12/31	00:12:00	0.000	1354	1388	1539	1563
2022/12/31	00:14:00	0.000	1355	1392	1546	1566
2022/12/31	00:16:00	0.000	1354	1395	1540	1553
2022/12/31	00:18:00	0.000	1353	1391	1538	1548
2022/12/31	00:20:00	0.000	1360	1398	1523	1539
2022/12/31	00:22:00	0.000	1357	1398	1532	1542
2022/12/31	00:24:00	0.000	1362	1403	1537	1560
2022/12/31	00:26:00	0.000	1363	1398	1529	1563
2022/12/31	00:28:00	0.000	1350	1394	1533	1547
2022/12/31	00:30:00	0.000	1347	1391	1516	1542
2022/12/31	00:32:00	0.000	1354	1387	1507	1525
2022/12/31	00:34:00	0.000	1349	1381	1525	1543
2022/12/31	00:36:00	0.000	1341	1380	1531	1549
2022/12/31	00:38:00	0.000	1336	1376	1515	1542
2022/12/31	00:40:00	0.000	1332	1364	1512	1560
2022/12/31	00:42:00	0.000	1317	1373	1555	1569
2022/12/31	00:44:00	0.000	1335	1373	1560	1575
2022/12/31	00:46:00	0.000	1337	1378	1555	1564
2022/12/31	00:48:00	0.000	1339	1373	1545	1556
2022/12/31	00:50:00	0.000	1339	1383	1523	1548
2022/12/31	00:52:00	0.000	1354	1387	1528	1537
2022/12/31	00:54:00	0.000	1354	1388	1526	1556
2022/12/31	00:56:00	0.000	1358	1385	1547	1562
2022/12/31	00:58:00	0.000	1365	1392	1546	1564
2022/12/31	01:00:00	0.000	1349	1394	1551	1564
2022/12/31	01:02:00	0.000	1360	1398	1530	1563
2022/12/31	01:04:00	0.000	1364	1402	1530	1556
2022/12/31	01:06:00	0.000	1372	1411	1528	1542
2022/12/31	01:08:00	0.000	1361	1393	1518	1534
2022/12/31	01:10:00	0.000	1374	1400	1502	1542
2022/12/31	01:12:00	0.000	1364	1402	1534	1556
2022/12/31	01:14:00	0.000	1371	1398	1545	1556
2022/12/31	01:16:00	0.000	1359	1391	1528	1553
2022/12/31	01:18:00	0.000	1360	1392	1553	1566

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	01:20:00	0.000	1358	1388	1550	1564
2022/12/31	01:22:00	0.000	1351	1394	1537	1564
2022/12/31	01:24:00	0.000	1359	1392	1535	1554
2022/12/31	01:26:00	0.000	1354	1396	1528	1551
2022/12/31	01:28:00	0.000	1349	1392	1541	1553
2022/12/31	01:30:00	0.000	1358	1390	1545	1557
2022/12/31	01:32:00	0.000	1352	1389	1521	1551
2022/12/31	01:34:00	0.000	1350	1391	1508	1521
2022/12/31	01:36:00	0.000	1349	1390	1518	1541
2022/12/31	01:38:00	0.000	1355	1390	1534	1550
2022/12/31	01:40:00	0.000	1351	1392	1526	1545
2022/12/31	01:42:00	0.000	1335	1383	1531	1546
2022/12/31	01:44:00	0.000	1343	1380	1520	1542
2022/12/31	01:46:00	0.000	1343	1385	1535	1553
2022/12/31	01:48:00	0.000	1343	1383	1547	1561
2022/12/31	01:50:00	0.000	1347	1378	1558	1562
2022/12/31	01:52:00	0.000	1334	1380	1551	1558
2022/12/31	01:54:00	0.000	1328	1376	1547	1558
2022/12/31	01:56:00	0.000	1340	1380	1522	1548
2022/12/31	01:58:00	0.000	1335	1380	1528	1548
2022/12/31	02:00:00	0.000	1350	1382	1534	1555
2022/12/31	02:02:00	0.000	1345	1377	1520	1537
2022/12/31	02:04:00	0.000	1345	1378	1520	1540
2022/12/31	02:06:00	0.000	1328	1372	1516	1537
2022/12/31	02:08:00	0.000	1328	1373	1516	1547
2022/12/31	02:10:00	0.000	1333	1384	1534	1548
2022/12/31	02:12:00	0.000	1322	1374	1531	1554
2022/12/31	02:14:00	0.000	1355	1392	1554	1580
2022/12/31	02:16:00	0.000	1360	1396	1570	1588
2022/12/31	02:18:00	0.000	1369	1407	1563	1578
2022/12/31	02:20:00	0.000	1370	1404	1557	1572
2022/12/31	02:22:00	0.000	1361	1392	1532	1557
2022/12/31	02:24:00	0.000	1361	1394	1529	1547
2022/12/31	02:26:00	0.000	1354	1383	1506	1529
2022/12/31	02:28:00	0.000	1340	1379	1506	1523
2022/12/31	02:30:00	0.000	1338	1372	1509	1528
2022/12/31	02:32:00	0.000	1339	1384	1512	1543
2022/12/31	02:34:00	0.000	1362	1411	1543	1575
2022/12/31	02:36:00	0.000	1372	1406	1572	1581
2022/12/31	02:38:00	0.000	1354	1398	1540	1572

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	02:40:00	0.000	1347	1388	1520	1540
2022/12/31	02:42:00	0.000	1343	1388	1507	1527
2022/12/31	02:44:00	0.000	1337	1388	1506	1529
2022/12/31	02:46:00	0.000	1344	1380	1515	1556
2022/12/31	02:48:00	0.000	1333	1376	1555	1562
2022/12/31	02:50:00	0.000	1331	1380	1550	1559
2022/12/31	02:52:00	0.000	1347	1392	1552	1577
2022/12/31	02:54:00	0.000	1368	1406	1560	1576
2022/12/31	02:56:00	0.000	1361	1403	1543	1560
2022/12/31	02:58:00	0.000	1351	1394	1521	1549
2022/12/31	03:00:00	0.000	1347	1388	1491	1521
2022/12/31	03:02:00	0.000	1354	1380	1507	1521
2022/12/31	03:04:00	0.000	1338	1381	1512	1537
2022/12/31	03:06:00	0.000	1338	1380	1537	1563
2022/12/31	03:08:00	0.000	1335	1372	1534	1560
2022/12/31	03:10:00	0.000	1334	1376	1533	1558
2022/12/31	03:12:00	0.000	1350	1388	1552	1561
2022/12/31	03:14:00	0.000	1346	1387	1556	1575
2022/12/31	03:16:00	0.000	1354	1393	1542	1564
2022/12/31	03:18:00	0.000	1355	1400	1527	1542
2022/12/31	03:20:00	0.000	1358	1394	1527	1547
2022/12/31	03:22:00	0.000	1365	1393	1531	1547
2022/12/31	03:24:00	0.000	1358	1398	1520	1531
2022/12/31	03:26:00	0.000	1360	1394	1518	1531
2022/12/31	03:28:00	0.000	1363	1398	1526	1545
2022/12/31	03:30:00	0.000	1363	1402	1543	1561
2022/12/31	03:32:00	0.000	1365	1405	1561	1580
2022/12/31	03:34:00	0.000	1365	1401	1548	1579
2022/12/31	03:36:00	0.000	1371	1396	1536	1556
2022/12/31	03:38:00	0.000	1368	1407	1516	1557
2022/12/31	03:40:00	0.000	1358	1402	1495	1518
2022/12/31	03:42:00	0.000	1376	1417	1518	1576
2022/12/31	03:44:00	0.000	1387	1420	1576	1593
2022/12/31	03:46:00	0.000	1388	1421	1550	1588
2022/12/31	03:48:00	0.000	1383	1417	1537	1560
2022/12/31	03:50:00	0.000	1374	1418	1536	1557
2022/12/31	03:52:00	0.000	1365	1411	1515	1536
2022/12/31	03:54:00	0.000	1354	1394	1500	1519
2022/12/31	03:56:00	0.000	1354	1392	1507	1518
2022/12/31	03:58:00	0.000	1358	1397	1511	1556



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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	04:00:00	0.000	1367	1398	1555	1576
2022/12/31	04:02:00	0.000	1363	1392	1567	1576
2022/12/31	04:04:00	0.000	1358	1393	1543	1568
2022/12/31	04:06:00	0.000	1358	1396	1537	1555
2022/12/31	04:08:00	0.000	1358	1396	1513	1540
2022/12/31	04:10:00	0.000	1362	1392	1514	1540
2022/12/31	04:12:00	0.000	1357	1394	1518	1543
2022/12/31	04:14:00	0.000	1343	1389	1523	1546
2022/12/31	04:16:00	0.000	1353	1392	1532	1544
2022/12/31	04:18:00	0.000	1355	1388	1531	1544
2022/12/31	04:20:00	0.000	1347	1389	1535	1554
2022/12/31	04:22:00	0.000	1345	1384	1535	1555
2022/12/31	04:24:00	0.000	1341	1384	1535	1552
2022/12/31	04:26:00	0.000	1349	1384	1519	1548
2022/12/31	04:28:00	0.000	1351	1382	1518	1539
2022/12/31	04:30:00	0.000	1341	1383	1515	1536
2022/12/31	04:32:00	0.000	1343	1375	1522	1539
2022/12/31	04:34:00	0.000	1345	1376	1525	1564
2022/12/31	04:36:00	0.000	1346	1381	1557	1581
2022/12/31	04:38:00	0.000	1331	1376	1563	1582
2022/12/31	04:40:00	0.000	1343	1383	1529	1574
2022/12/31	04:42:00	0.000	1344	1380	1523	1545
2022/12/31	04:44:00	0.000	1353	1396	1521	1532
2022/12/31	04:46:00	0.000	1358	1404	1523	1551
2022/12/31	04:48:00	0.000	1361	1402	1551	1558
2022/12/31	04:50:00	0.000	1368	1402	1552	1567
2022/12/31	04:52:00	0.000	1354	1394	1518	1552
2022/12/31	04:54:00	0.000	1363	1398	1525	1545
2022/12/31	04:56:00	0.000	1360	1392	1538	1553
2022/12/31	04:58:00	0.000	1357	1394	1528	1547
2022/12/31	05:00:00	0.000	1343	1388	1515	1535
2022/12/31	05:02:00	0.000	1347	1393	1512	1550
2022/12/31	05:04:00	0.000	1351	1382	1518	1556
2022/12/31	05:06:00	0.000	1343	1376	1509	1553
2022/12/31	05:08:00	0.000	1341	1376	1541	1556
2022/12/31	05:10:00	0.000	1329	1375	1539	1557
2022/12/31	05:12:00	0.000	1328	1373	1549	1558
2022/12/31	05:14:00	0.000	1328	1376	1542	1553
2022/12/31	05:16:00	0.000	1339	1373	1545	1555
2022/12/31	05:18:00	0.000	1328	1372	1547	1563

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	05:20:00	0.000	1328	1372	1540	1558
2022/12/31	05:22:00	0.000	1339	1376	1539	1560
2022/12/31	05:24:00	0.000	1345	1380	1533	1539
2022/12/31	05:26:00	0.000	1332	1372	1533	1539
2022/12/31	05:28:00	0.000	1328	1365	1512	1533
2022/12/31	05:30:00	0.000	1330	1370	1512	1537
2022/12/31	05:32:00	0.000	1333	1363	1512	1534
2022/12/31	05:34:00	0.000	1337	1372	1514	1553
2022/12/31	05:36:00	0.000	1329	1373	1553	1568
2022/12/31	05:38:00	0.000	1328	1367	1547	1574
2022/12/31	05:40:00	0.000	1319	1362	1535	1547
2022/12/31	05:42:00	0.000	1313	1364	1526	1545
2022/12/31	05:44:00	0.000	1328	1365	1528	1544
2022/12/31	05:46:00	0.000	1321	1354	1511	1532
2022/12/31	05:48:00	0.000	1309	1354	1511	1540
2022/12/31	05:50:00	0.000	1301	1353	1539	1564
2022/12/31	05:52:00	0.000	1310	1358	1553	1567
2022/12/31	05:54:00	0.000	1305	1351	1548	1559
2022/12/31	05:56:00	0.000	1303	1358	1543	1558
2022/12/31	05:58:00	0.000	1281	1358	1544	1549
2022/12/31	06:00:00	0.000	1321	1368	1531	1565
2022/12/31	06:02:00	0.000	1335	1380	1527	1558
2022/12/31	06:04:00	0.000	1333	1372	1533	1558
2022/12/31	06:06:00	0.000	1311	1361	1533	1561
2022/12/31	06:08:00	0.000	1311	1362	1523	1545
2022/12/31	06:10:00	0.000	1314	1356	1528	1536
2022/12/31	06:12:00	0.000	1310	1348	1526	1533
2022/12/31	06:14:00	0.000	1298	1353	1510	1537
2022/12/31	06:16:00	0.000	1301	1350	1537	1545
2022/12/31	06:18:00	0.000	1284	1349	1539	1554
2022/12/31	06:20:00	0.000	1304	1357	1547	1558
2022/12/31	06:22:00	0.000	1305	1353	1555	1563
2022/12/31	06:24:00	0.000	1317	1358	1533	1558
2022/12/31	06:26:00	0.000	1314	1354	1535	1566
2022/12/31	06:28:00	0.000	1316	1358	1556	1566
2022/12/31	06:30:00	0.000	1308	1358	1537	1566
2022/12/31	06:32:00	0.000	1321	1363	1537	1545
2022/12/31	06:34:00	0.000	1336	1370	1542	1567
2022/12/31	06:36:00	0.000	1349	1384	1554	1570
2022/12/31	06:38:00	0.000	1347	1384	1541	1569

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	06:40:00	0.000	1358	1392	1539	1552
2022/12/31	06:42:00	0.000	1358	1392	1541	1550
2022/12/31	06:44:00	0.000	1365	1397	1541	1556
2022/12/31	06:46:00	0.000	1364	1404	1535	1564
2022/12/31	06:48:00	0.000	1369	1413	1502	1558
2022/12/31	06:50:00	0.000	1388	1421	1553	1562
2022/12/31	06:52:00	0.000	1396	1428	1553	1570
2022/12/31	06:54:00	0.000	1396	1424	1512	1553
2022/12/31	06:56:00	0.000	1388	1421	1512	1523
2022/12/31	06:58:00	0.000	1372	1407	1523	1554
2022/12/31	07:00:00	0.000	1376	1416	1531	1550
2022/12/31	07:02:00	0.000	1372	1408	1515	1537
2022/12/31	07:04:00	0.000	1369	1407	1515	1542
2022/12/31	07:06:00	0.000	1372	1413	1539	1568
2022/12/31	07:08:00	0.000	1369	1408	1518	1551
2022/12/31	07:10:00	0.000	1372	1407	1510	1555
2022/12/31	07:12:00	0.000	1365	1400	1547	1565
2022/12/31	07:14:00	0.000	1365	1390	1534	1550
2022/12/31	07:16:00	0.000	1363	1396	1535	1547
2022/12/31	07:18:00	0.000	1363	1406	1547	1554
2022/12/31	07:20:00	0.000	1365	1398	1537	1556
2022/12/31	07:22:00	0.000	1360	1392	1543	1556
2022/12/31	07:24:00	0.000	1357	1394	1515	1547
2022/12/31	07:26:00	0.000	1355	1391	1517	1543
2022/12/31	07:28:00	0.000	1361	1394	1520	1543
2022/12/31	07:30:00	0.000	1364	1391	1506	1558
2022/12/31	07:32:00	0.000	1361	1394	1537	1571
2022/12/31	07:34:00	0.000	1367	1401	1537	1562
2022/12/31	07:36:00	0.000	1376	1404	1542	1580
2022/12/31	07:38:00	0.000	1368	1405	1543	1561
2022/12/31	07:40:00	0.000	1375	1415	1530	1558
2022/12/31	07:42:00	0.000	1386	1415	1522	1533
2022/12/31	07:44:00	0.000	1394	1421	1527	1552
2022/12/31	07:46:00	0.000	1383	1420	1539	1555
2022/12/31	07:48:00	0.000	1390	1415	1516	1539
2022/12/31	07:50:00	0.000	1379	1419	1505	1564
2022/12/31	07:52:00	0.000	1383	1416	1563	1584
2022/12/31	07:54:00	0.000	1383	1416	1528	1582
2022/12/31	07:56:00	0.000	1372	1415	1508	1534
2022/12/31	07:58:00	0.000	1370	1417	1506	1542

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	08:00:00	0.000	1382	1413	1525	1554
2022/12/31	08:02:00	0.000	1380	1407	1554	1572
2022/12/31	08:04:00	0.000	1368	1411	1517	1564
2022/12/31	08:06:00	0.000	1380	1411	1509	1525
2022/12/31	08:08:00	0.000	1372	1414	1525	1563
2022/12/31	08:10:00	0.000	1369	1409	1541	1562
2022/12/31	08:12:00	0.000	1372	1409	1545	1558
2022/12/31	08:14:00	0.000	1373	1409	1529	1554
2022/12/31	08:16:00	0.000	1372	1404	1533	1549
2022/12/31	08:18:00	0.000	1366	1406	1524	1545
2022/12/31	08:20:00	0.000	1369	1406	1531	1551
2022/12/31	08:22:00	0.000	1374	1407	1547	1566
2022/12/31	08:24:00	0.000	1380	1409	1537	1560
2022/12/31	08:26:00	0.000	1369	1407	1542	1555
2022/12/31	08:28:00	0.000	1372	1409	1519	1556
2022/12/31	08:30:00	0.000	1367	1409	1516	1538
2022/12/31	08:32:00	0.000	1377	1408	1533	1557
2022/12/31	08:34:00	0.000	1378	1408	1521	1550
2022/12/31	08:36:00	0.000	1368	1406	1523	1544
2022/12/31	08:38:00	0.000	1357	1399	1509	1549
2022/12/31	08:40:00	0.000	1355	1396	1496	1542
2022/12/31	08:42:00	0.000	1368	1406	1542	1591
2022/12/31	08:44:00	0.000	1370	1398	1568	1591
2022/12/31	08:46:00	0.000	1369	1404	1525	1574
2022/12/31	08:48:00	0.000	1363	1399	1499	1533
2022/12/31	08:50:00	0.000	1365	1394	1499	1516
2022/12/31	08:52:00	0.000	1365	1402	1507	1556
2022/12/31	08:54:00	0.000	1362	1403	1512	1546
2022/12/31	08:56:00	0.000	1366	1411	1543	1569
2022/12/31	08:58:00	0.000	1372	1406	1536	1556
2022/12/31	09:00:00	0.000	1376	1407	1537	1570
2022/12/31	09:02:00	0.000	1373	1411	1551	1572
2022/12/31	09:04:00	0.000	1383	1415	1528	1567
2022/12/31	09:06:00	0.000	1376	1412	1545	1580
2022/12/31	09:08:00	0.000	1372	1409	1510	1553
2022/12/31	09:10:00	0.000	1354.000	1420.000	1483.000	1523.000
2022/12/31	09:12:00	0.000	1367	1414	1507	1544
2022/12/31	09:14:00	0.000	1374	1406	1495	1554
2022/12/31	09:16:00	0.000	1367	1398	1554	1582
2022/12/31	09:18:00	0.000	1345	1392	1543	1566

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	09:20:00	0.000	1347	1392	1546	1561
2022/12/31	09:22:00	0.000	1369	1394	1539	1558
2022/12/31	09:24:00	0.000	1372	1398	1536	1560
2022/12/31	09:26:00	0.000	1368	1406	1537	1561
2022/12/31	09:28:00	0.000	1378	1414	1541	1559
2022/12/31	09:30:00	0.000	1373	1417	1547	1569
2022/12/31	09:32:00	0.000	1373	1416	1508	1547
2022/12/31	09:34:00	0.000	1376	1414	1497	1535
2022/12/31	09:36:00	0.000	1366	1412	1502	1561
2022/12/31	09:38:00	0.000	1368	1407	1553	1566
2022/12/31	09:40:00	0.000	1357	1402	1558	1572
2022/12/31	09:42:00	0.000	1359	1396	1527	1572
2022/12/31	09:44:00	0.000	1355	1392	1514	1537
2022/12/31	09:46:00	0.000	1344	1378	1516	1544
2022/12/31	09:48:00	0.000	1341	1383	1505	1521
2022/12/31	09:50:00	0.000	1349	1394	1514	1573
2022/12/31	09:52:00	0.000	1352	1395	1550	1587
2022/12/31	09:54:00	0.000	1354	1404	1511	1554
2022/12/31	09:56:00	0.000	1376	1400	1505	1572
2022/12/31	09:58:00	0.000	1370	1407	1549	1584
2022/12/31	10:00:00	0.000	1359	1399	1539	1566
2022/12/31	10:02:00	0.000	1339	1390	1518	1539
2022/12/31	10:04:00	0.000	1337	1382	1467	1528
2022/12/31	10:06:00	0.000	1339	1380	1490	1532
2022/12/31	10:08:00	0.000	1344	1379	1518	1530
2022/12/31	10:10:00	0.000	1338	1380	1505	1531
2022/12/31	10:12:00	0.000	1333	1378	1518	1566
2022/12/31	10:14:00	0.000	1333	1391	1539	1563
2022/12/31	10:16:00	0.000	1345	1383	1537	1562
2022/12/31	10:18:00	0.000	1336	1390	1549	1572
2022/12/31	10:20:00	0.000	1349	1394	1534	1563
2022/12/31	10:22:00	0.000	1354	1387	1537	1564
2022/12/31	10:24:00	0.000	1351	1388	1530	1554
2022/12/31	10:26:00	0.000	1358	1388	1533	1566
2022/12/31	10:28:00	0.000	1354	1396	1545	1559
2022/12/31	10:30:00	0.000	1354	1394	1542	1560
2022/12/31	10:32:00	0.000	1353	1397	1541	1559
2022/12/31	10:34:00	0.000	1351	1399	1541	1556
2022/12/31	10:36:00	0.000	1354	1396	1532	1563
2022/12/31	10:38:00	0.000	1345	2117	1531	1949

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	10:40:00	0.000	2	2149	998	2005
2022/12/31	10:42:00	0.000	3	3	586	998
2022/12/31	10:44:00	0.000	3	3	419	586
2022/12/31	10:46:00	0.000	3	3	327	419
2022/12/31	10:48:00	0.000	3	3	269	327
2022/12/31	10:50:00	0.000	2	3	228	269
2022/12/31	10:52:00	0.000	3	3	197	228
2022/12/31	10:54:00	0.000	3	3	174	197
2022/12/31	10:56:00	0.000	3	3	160	174
2022/12/31	10:58:00	0.000	3	3	147	160
2022/12/31	11:00:00	0.000	3	3	139	147
2022/12/31	11:02:00	0.000	3	3	129	139
2022/12/31	11:04:00	0.000	3	3	122	129
2022/12/31	11:06:00	0.000	3	3	114	122
2022/12/31	11:08:00	0.000	3	3	110	114
2022/12/31	11:10:00	0.000	3	3	106	110
2022/12/31	11:12:00	0.000	3	3	104	106
2022/12/31	11:14:00	0.000	3	3	101	104
2022/12/31	11:16:00	0.000	3	3	99	102
2022/12/31	11:18:00	0.000	3	3	96	99
2022/12/31	11:20:00	0.000	3	3	93	96
2022/12/31	11:22:00	0.000	3	3	91	93
2022/12/31	11:24:00	0.000	3	3	89	91
2022/12/31	11:26:00	0.000	3	3	87	89
2022/12/31	11:28:00	0.000	3	3	86	87
2022/12/31	11:30:00	0.000	3	3	85	86
2022/12/31	11:32:00	0.000	3	3	85	85
2022/12/31	11:34:00	0.000	3	3	84	85
2022/12/31	11:36:00	0.000	3	3	82	84
2022/12/31	11:38:00	0.000	3	3	80	82
2022/12/31	11:40:00	0.000	3	3	79	80
2022/12/31	11:42:00	0.000	3	3	77	79
2022/12/31	11:44:00	0.000	3	3	77	77
2022/12/31	11:46:00	0.000	3	3	75	77
2022/12/31	11:48:00	0.000	3	3	74	75
2022/12/31	11:50:00	0.000	3	3	73	74
2022/12/31	11:52:00	0.000	3	3	72	73
2022/12/31	11:54:00	0.000	3	3	71	72
2022/12/31	11:56:00	0.000	3	3	71	72
2022/12/31	11:58:00	0.000	3	3	71	72

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/31	12:00:00	0.000	3	3	71	71
2022/12/31	12:02:00	0.000	3	3	70	71
2022/12/31	12:04:00	0.000	3	3	69	70
2022/12/31	12:06:00	0.000	3	3	68	69
2022/12/31	12:08:00	0.000	3	3	68	69
2022/12/31	12:10:00	0.000	3	3	68	69
2022/12/31	12:12:00	0.000	3	3	68	69
2022/12/31	12:14:00	0.000	3	3	68	69
2022/12/31	12:16:00	0.000	3	3	67	68
2022/12/31	12:18:00	0.000	3	3	66	67
2022/12/31	12:20:00	0.000	3	3	66	67
2022/12/31	12:22:00	0.000	3	3	66	66
2022/12/31	12:24:00	0.000	3	3	65	66
2022/12/31	12:26:00	0.000	3	3	65	65
2022/12/31	12:28:00	0.000	3	3	64	65
2022/12/31	12:30:00	0.000	3	3	63	64
2022/12/31	12:32:00	0.000	3	3	63	64
2022/12/31	12:34:00	0.000	3	3	64	64
2022/12/31	12:36:00	0.000	3	3	64	64
2022/12/31	12:38:00	0.000	3	3	64	64
2022/12/31	12:40:00	0.000	3	3	63	64
2022/12/31	12:42:00	0.000	3	3	63	63
2022/12/31	12:44:00	0.000	3	3	63	63
2022/12/31	12:46:00	0.000	3	3	63	63
2022/12/31	12:48:00	0.000	3	3	63	63
2022/12/31	12:50:00	0.000	3	3	63	63
2022/12/31	12:52:00	0.000	3	3	63	63
2022/12/31	12:54:00	0.000	3	3	63	63
2022/12/31	12:56:00	0.000	3	3	63	63
2022/12/31	12:58:00	0.000	3	3	63	63
2022/12/31	13:00:00	0.000	3	3	63	63
2022/12/31	13:02:00	0.000	3	3	63	63
2022/12/31	13:04:00	0.000	3	3	63	63
2022/12/31	13:06:00	0.000	3	3	63	63
2022/12/31	13:08:00	0.000	3	3	63	63
2022/12/31	13:10:00	0.000	3	3	63	63
2022/12/31	13:12:00	0.000	3	3	63	63
2022/12/31	13:14:00	0.000	3	3	63	63
2022/12/31	13:16:00	0.000	3	3	63	63
2022/12/31	13:18:00	0.000	3	3	62	63

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	13:20:00	0.000	3	3	62	63
2022/12/31	13:22:00	0.000	3	3	62	63
2022/12/31	13:24:00	0.000	3	3	63	63
2022/12/31	13:26:00	0.000	3	3	62	63
2022/12/31	13:28:00	0.000	3	3	62	63
2022/12/31	13:30:00	0.000	3	3	62	63
2022/12/31	13:32:00	0.000	3	3	62	62
2022/12/31	13:34:00	0.000	3	3	62	62
2022/12/31	13:36:00	0.000	3	3	62	63
2022/12/31	13:38:00	0.000	3	3	61	63
2022/12/31	13:40:00	0.000	3	3	61	63
2022/12/31	13:42:00	0.000	3	3	62	63
2022/12/31	13:44:00	0.000	3	3	63	63
2022/12/31	13:46:00	0.000	3	3	61	63
2022/12/31	13:48:00	0.000	3	3	61	61
2022/12/31	13:50:00	0.000	3	3	59	61
2022/12/31	13:52:00	0.000	3	3	59	60
2022/12/31	13:54:00	0.000	3	3	58	59
2022/12/31	13:56:00	0.000	3	2407	58	1677
2022/12/31	13:58:00	0.000	2182	2279	1607	1679
2022/12/31	14:00:00	0.000	2178	2207	1571	1611
2022/12/31	14:02:00	0.000	2181	2213	1571	1605
2022/12/31	14:04:00	0.000	2181	2206	1557	1626
2022/12/31	14:06:00	0.000	2170	2198	1625	1663
2022/12/31	14:08:00	0.000	2179	2197	1651	1762
2022/12/31	14:10:00	0.000	2183	2203	1623	1693
2022/12/31	14:12:00	0.000	2181	2202	1620	1656
2022/12/31	14:14:00	0.000	2181	2201	1646	1658
2022/12/31	14:16:00	0.000	2166	2200	1655	1812
2022/12/31	14:18:00	0.000	3	2183	1133	1829
2022/12/31	14:20:00	0.000	3	3	605	1133
2022/12/31	14:22:00	0.000	3	3	344	605
2022/12/31	14:24:00	0.000	3	3	217	344
2022/12/31	14:26:00	0.000	3	3	155	217
2022/12/31	14:28:00	0.000	3	3	108	155
2022/12/31	14:30:00	0.000	3	2324	96	1723
2022/12/31	14:32:00	0.000	2065	2189	1639	1754
2022/12/31	14:34:00	0.000	2012	2077	1706	1788
2022/12/31	14:36:00	0.000	2023	2053	1713	1760
2022/12/31	14:38:00	0.000	3	2042	1196	1847



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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	14:40:00	0.000	3	2253	704	1196
2022/12/31	14:42:00	0.000	1822	2125	1046	1585
2022/12/31	14:44:00	0.000	1802	1829	1469	1568
2022/12/31	14:46:00	0.000	1803	1831	1531	1569
2022/12/31	14:48:00	0.000	1810	1839	1521	1591
2022/12/31	14:50:00	0.000	1822	1838	1518	1580
2022/12/31	14:52:00	0.000	1802	1844	1522	1574
2022/12/31	14:54:00	0.000	1729	1805	1505	1574
2022/12/31	14:56:00	0.000	1676	1748	1417	1505
2022/12/31	14:58:00	0.000	3	2198	844	1432
2022/12/31	15:00:00	0.000	1868	2166	1020	1760
2022/12/31	15:02:00	0.000	1835	1887	1609	1642
2022/12/31	15:04:00	0.000	1808	1852	1581	1659
2022/12/31	15:06:00	0.000	1807	1837	1510	1584
2022/12/31	15:08:00	0.000	1810	1846	1546	1589
2022/12/31	15:10:00	0.000	1835	1894	1534	1624
2022/12/31	15:12:00	0.000	1876	1908	1596	1652
2022/12/31	15:14:00	0.000	1880	1920	1572	1640
2022/12/31	15:16:00	0.000	1880	1921	1615	1664
2022/12/31	15:18:00	0.000	1854	1897	1598	1623
2022/12/31	15:20:00	0.000	1835	1869	1469	1623
2022/12/31	15:22:00	0.000	1858	1905	1448	1570
2022/12/31	15:24:00	0.000	1860	1901	1561	1636
2022/12/31	15:26:00	0.000	1873	1981	1576	1690
2022/12/31	15:28:00	0.000	1979	2018	1614	1685
2022/12/31	15:30:00	0.000	1999	2024	1626	1740
2022/12/31	15:32:00	0.000	1979	2011	1560	1626
2022/12/31	15:34:00	0.000	1972	2000	1572	1623
2022/12/31	15:36:00	0.000	1898	1984	1590	1628
2022/12/31	15:38:00	0.000	1795	1898	1508	1631
2022/12/31	15:40:00	0.000	1763	1813	1408	1508
2022/12/31	15:42:00	0.000	3	1773	741	1416
2022/12/31	15:44:00	0.000	3	3	452	741
2022/12/31	15:46:00	0.000	3	3	324	452
2022/12/31	15:48:00	0.000	3	3	238	324
2022/12/31	15:50:00	0.000	3	3	184	238
2022/12/31	15:52:00	0.000	3	3	153	184
2022/12/31	15:54:00	0.000	3	3	139	153
2022/12/31	15:56:00	0.000	3	3	131	139
2022/12/31	15:58:00	0.000	3	3	120	131

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	16:00:00	0.000	3	3	109	120
2022/12/31	16:02:00	0.000	3	3	96	109
2022/12/31	16:04:00	0.000	3	3	87	96
2022/12/31	16:06:00	0.000	3	3	85	88
2022/12/31	16:08:00	0.000	3	3	85	93
2022/12/31	16:10:00	0.000	3	3	93	94
2022/12/31	16:12:00	0.000	3	3	90	94
2022/12/31	16:14:00	0.000	3	3	85	90
2022/12/31	16:16:00	0.000	3	3	79	85
2022/12/31	16:18:00	0.000	3	3	77	80
2022/12/31	16:20:00	0.000	3	3	76	77
2022/12/31	16:22:00	0.000	3	3	75	76
2022/12/31	16:24:00	0.000	3	3	71	75
2022/12/31	16:26:00	0.000	3	3	71	72
2022/12/31	16:28:00	0.000	3	3	71	72
2022/12/31	16:30:00	0.000	3	3	69	71
2022/12/31	16:32:00	0.000	3	3	69	71
2022/12/31	16:34:00	0.000	3	3	68	69
2022/12/31	16:36:00	0.000	3	3	66	68
2022/12/31	16:38:00	0.000	3	3	66	67
2022/12/31	16:40:00	0.000	3	1924	64	67
2022/12/31	16:42:00	0.000	1689	1838	64	1573
2022/12/31	16:44:00	0.000	1681	1709	1560	1582
2022/12/31	16:46:00	0.000	1699	1746	1512	1571
2022/12/31	16:48:00	0.000	1681	1740	1502	1532
2022/12/31	16:50:00	0.000	1656	1700	1502	1513
2022/12/31	16:52:00	0.000	1655	1681	1438	1549
2022/12/31	16:54:00	0.000	1661	1690	1548	1587
2022/12/31	16:56:00	0.000	1670	1696	1548	1617
2022/12/31	16:58:00	0.000	1655	1681	1491	1583
2022/12/31	17:00:00	0.000	1642	1674	1483	1528
2022/12/31	17:02:00	0.000	1636	1661	1528	1562
2022/12/31	17:04:00	0.000	1617	1648	1538	1561
2022/12/31	17:06:00	0.000	1615	1644	1547	1574
2022/12/31	17:08:00	0.000	1619	1644	1518	1569
2022/12/31	17:10:00	0.000	1619	1649	1515	1545
2022/12/31	17:12:00	0.000	1625	1644	1522	1539
2022/12/31	17:14:00	0.000	1602	1639	1483	1559
2022/12/31	17:16:00	0.000	1590	1619	1482	1534
2022/12/31	17:18:00	0.000	1593	1617	1525	1558

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## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	17:20:00	0.000	1608	1627	1518	1566
2022/12/31	17:22:00	0.000	1608	1633	1484	1539
2022/12/31	17:24:00	0.000	1608	1626	1539	1579
2022/12/31	17:26:00	0.000	1592	1621	1530	1597
2022/12/31	17:28:00	0.000	1587	1604	1507	1541
2022/12/31	17:30:00	0.000	1576	1600	1504	1512
2022/12/31	17:32:00	0.000	1571	1594	1506	1543
2022/12/31	17:34:00	0.000	1571	1607	1525	1542
2022/12/31	17:36:00	0.000	1582	1619	1542	1586
2022/12/31	17:38:00	0.000	1596	1620	1545	1589
2022/12/31	17:40:00	0.000	1585	1611	1529	1562
2022/12/31	17:42:00	0.000	1559	1590	1512	1555
2022/12/31	17:44:00	0.000	1563	1590	1516	1535
2022/12/31	17:46:00	0.000	1574	1599	1503	1574
2022/12/31	17:48:00	0.000	1574	1599	1494	1572
2022/12/31	17:50:00	0.000	1560	1597	1500	1573
2022/12/31	17:52:00	0.000	1556	1584	1499	1531
2022/12/31	17:54:00	0.000	1549	1578	1531	1576
2022/12/31	17:56:00	0.000	1550	1574	1530	1554
2022/12/31	17:58:00	0.000	1556	1583	1539	1578
2022/12/31	18:00:00	0.000	1556	1589	1536	1582
2022/12/31	18:02:00	0.000	1574	1597	1537	1581
2022/12/31	18:04:00	0.000	1569	1593	1501	1574
2022/12/31	18:06:00	0.000	1555	1585	1499	1521
2022/12/31	18:08:00	0.000	1551	1582	1518	1555
2022/12/31	18:10:00	0.000	1553	1572	1502	1556
2022/12/31	18:12:00	0.000	1548	1571	1504	1543
2022/12/31	18:14:00	0.000	1540	1566	1542	1591
2022/12/31	18:16:00	0.000	1535	1563	1552	1613
2022/12/31	18:18:00	0.000	1537	1563	1518	1552
2022/12/31	18:20:00	0.000	1534	1564	1502	1547
2022/12/31	18:22:00	0.000	1541	1563	1502	1518
2022/12/31	18:24:00	0.000	1538	1560	1512	1545
2022/12/31	18:26:00	0.000	1536	1559	1539	1578
2022/12/31	18:28:00	0.000	1534	1561	1547	1588
2022/12/31	18:30:00	0.000	1529	1561	1553	1586
2022/12/31	18:32:00	0.000	1531	1563	1554	1570
2022/12/31	18:34:00	0.000	1541	1566	1537	1564
2022/12/31	18:36:00	0.000	1541	1567	1493	1541
2022/12/31	18:38:00	0.000	1534	1564	1498	1533

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	18:40:00	0.000	1539	1571	1506	1552
2022/12/31	18:42:00	0.000	1534	1563	1497	1551
2022/12/31	18:44:00	0.000	1529	1556	1551	1600
2022/12/31	18:46:00	0.000	1527	1554	1523	1575
2022/12/31	18:48:00	0.000	1528	1553	1526	1566
2022/12/31	18:50:00	0.000	1525	1551	1523	1566
2022/12/31	18:52:00	0.000	1516	1543	1487	1529
2022/12/31	18:54:00	0.000	1518	1546	1483	1515
2022/12/31	18:56:00	0.000	1510	1542	1515	1563
2022/12/31	18:58:00	0.000	1507	1534	1531	1558
2022/12/31	19:00:00	0.000	1505	1532	1519	1543
2022/12/31	19:02:00	0.000	1501	1534	1517	1564
2022/12/31	19:04:00	0.000	1509	1532	1533	1565
2022/12/31	19:06:00	0.000	1503	1530	1530	1573
2022/12/31	19:08:00	0.000	1504	1530	1531	1547
2022/12/31	19:10:00	0.000	1504	1531	1528	1541
2022/12/31	19:12:00	0.000	1496	1525	1541	1564
2022/12/31	19:14:00	0.000	1496	1527	1553	1588
2022/12/31	19:16:00	0.000	1492	1526	1499	1564
2022/12/31	19:18:00	0.000	1496	1522	1537	1574
2022/12/31	19:20:00	0.000	1489	1522	1504	1537
2022/12/31	19:22:00	0.000	1489	1521	1504	1539
2022/12/31	19:24:00	0.000	1492	1517	1519	1535
2022/12/31	19:26:00	0.000	1478	1511	1516	1552
2022/12/31	19:28:00	0.000	1483	1510	1537	1561
2022/12/31	19:30:00	0.000	1480	1507	1529	1556
2022/12/31	19:32:00	0.000	1471	1505	1542	1556
2022/12/31	19:34:00	0.000	1477	1508	1537	1565
2022/12/31	19:36:00	0.000	1482	1507	1547	1587
2022/12/31	19:38:00	0.000	1471	1507	1504	1568
2022/12/31	19:40:00	0.000	1472	1505	1514	1543
2022/12/31	19:42:00	0.000	1469	1501	1520	1539
2022/12/31	19:44:00	0.000	1469	1497	1535	1549
2022/12/31	19:46:00	0.000	1472	1502	1527	1550
2022/12/31	19:48:00	0.000	1472	1497	1505	1560
2022/12/31	19:50:00	0.000	1466	1497	1505	1547
2022/12/31	19:52:00	0.000	1472	1499	1541	1557
2022/12/31	19:54:00	0.000	1468	1495	1556	1566
2022/12/31	19:56:00	0.000	1468	1499	1543	1576
2022/12/31	19:58:00	0.000	1474	1497	1531	1567

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/31	20:00:00	0.000	1470	1501	1515	1542
2022/12/31	20:02:00	0.000	1468	1499	1502	1540
2022/12/31	20:04:00	0.000	1477	1497	1500	1564
2022/12/31	20:06:00	0.000	1473	1502	1547	1564
2022/12/31	20:08:00	0.000	1472	1501	1542	1553
2022/12/31	20:10:00	0.000	1480	1505	1537	1572
2022/12/31	20:12:00	0.000	1477	1500	1530	1574
2022/12/31	20:14:00	0.000	1465	1499	1496	1530
2022/12/31	20:16:00	0.000	1463	1494	1500	1537
2022/12/31	20:18:00	0.000	1465	1490	1512	1588
2022/12/31	20:20:00	0.000	1455	1483	1549	1591
2022/12/31	20:22:00	0.000	1446	1473	1483	1549
2022/12/31	20:24:00	0.000	1439	1476	1496	1532
2022/12/31	20:26:00	0.000	1443	1479	1518	1542
2022/12/31	20:28:00	0.000	1442	1478	1520	1545
2022/12/31	20:30:00	0.000	1457	1491	1545	1599
2022/12/31	20:32:00	0.000	1464	1492	1553	1581
2022/12/31	20:34:00	0.000	1468	1496	1541	1570
2022/12/31	20:36:00	0.000	1457	1489	1510	1541
2022/12/31	20:38:00	0.000	1439	1477	1493	1514
2022/12/31	20:40:00	0.000	1428	1462	1507	1556
2022/12/31	20:42:00	0.000	1425	1465	1532	1556
2022/12/31	20:44:00	0.000	1439	1483	1542	1576
2022/12/31	20:46:00	0.000	1451	1486	1555	1577
2022/12/31	20:48:00	0.000	1452	1491	1561	1593
2022/12/31	20:50:00	0.000	1448	1480	1479	1574
2022/12/31	20:52:00	0.000	1441	1475	1479	1511
2022/12/31	20:54:00	0.000	1437	1469	1511	1531
2022/12/31	20:56:00	0.000	1429	1462	1522	1539
2022/12/31	20:58:00	0.000	1426	1460	1521	1551
2022/12/31	21:00:00	0.000	1437	1465	1542	1574
2022/12/31	21:02:00	0.000	1439	1473	1574	1595
2022/12/31	21:04:00	0.000	1444	1477	1541	1583
2022/12/31	21:06:00	0.000	1453	1480	1518	1551
2022/12/31	21:08:00	0.000	1460	1486	1549	1584
2022/12/31	21:10:00	0.000	1451	1477	1510	1577
2022/12/31	21:12:00	0.000	1439	1477	1498	1527
2022/12/31	21:14:00	0.000	1440	1468	1518	1542
2022/12/31	21:16:00	0.000	1438	1468	1535	1564
2022/12/31	21:18:00	0.000	1428	1462	1507	1557

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/31	21:20:00	0.000	1434	1472	1531	1560
2022/12/31	21:22:00	0.000	1445	1476	1558	1586
2022/12/31	21:24:00	0.000	1455	1479	1561	1588
2022/12/31	21:26:00	0.000	1453	1484	1546	1566
2022/12/31	21:28:00	0.000	1448	1485	1510	1564
2022/12/31	21:30:00	0.000	1414	1457	1475	1510
2022/12/31	21:32:00	0.000	1411	1465	1487	1534
2022/12/31	21:34:00	0.000	1451	1477	1534	1571
2022/12/31	21:36:00	0.000	1439	1469	1549	1571
2022/12/31	21:38:00	0.000	1428	1466	1541	1566
2022/12/31	21:40:00	0.000	1428	1462	1537	1545
2022/12/31	21:42:00	0.000	1421	1446	1520	1546
2022/12/31	21:44:00	0.000	1413	1448	1494	1525
2022/12/31	21:46:00	0.000	1414	1446	1490	1507
2022/12/31	21:48:00	0.000	1424	1457	1495	1566
2022/12/31	21:50:00	0.000	1434	1468	1566	1601
2022/12/31	21:52:00	0.000	1424	1468	1574	1612
2022/12/31	21:54:00	0.000	1421	1451	1491	1574
2022/12/31	21:56:00	0.000	1409	1452	1491	1516
2022/12/31	21:58:00	0.000	1426	1457	1508	1524
2022/12/31	22:00:00	0.000	1428	1477	1524	1564
2022/12/31	22:02:00	0.000	1447	1475	1564	1600
2022/12/31	22:04:00	0.000	1431	1458	1554	1599
2022/12/31	22:06:00	0.000	1422	1453	1504	1554
2022/12/31	22:08:00	0.000	1411	1442	1500	1535
2022/12/31	22:10:00	0.000	1424	1453	1490	1560
2022/12/31	22:12:00	0.000	1431	1468	1556	1597
2022/12/31	22:14:00	0.000	1435	1477	1545	1598
2022/12/31	22:16:00	0.000	1411	1453	1496	1545
2022/12/31	22:18:00	0.000	1411	1446	1496	1524
2022/12/31	22:20:00	0.000	1431	1466	1524	1542
2022/12/31	22:22:00	0.000	1442	1475	1538	1569
2022/12/31	22:24:00	0.000	1441	1468	1547	1568
2022/12/31	22:26:00	0.000	1428	1460	1568	1580
2022/12/31	22:28:00	0.000	1412	1450	1518	1577
2022/12/31	22:30:00	0.000	1412	1446	1516	1534
2022/12/31	22:32:00	0.000	1403	1441	1501	1516
2022/12/31	22:34:00	0.000	1399	1432	1510	1529
2022/12/31	22:36:00	0.000	1405	1431	1521	1547
2022/12/31	22:38:00	0.000	1400	1438	1532	1556

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	22:40:00	0.000	1407	1439	1556	1587
2022/12/31	22:42:00	0.000	1417	1443	1551	1572
2022/12/31	22:44:00	0.000	1415	1445	1531	1551
2022/12/31	22:46:00	0.000	1416	1448	1539	1556
2022/12/31	22:48:00	0.000	1413	1448	1540	1583
2022/12/31	22:50:00	0.000	1418	1452	1530	1551
2022/12/31	22:52:00	0.000	1420	1453	1526	1545
2022/12/31	22:54:00	0.000	1425	1458	1516	1526
2022/12/31	22:56:00	0.000	1419	1453	1512	1555
2022/12/31	22:58:00	0.000	1419	1457	1545	1558
2022/12/31	23:00:00	0.000	1417	1446	1541	1558
2022/12/31	23:02:00	0.000	1417	1453	1553	1597
2022/12/31	23:04:00	0.000	1416	1446	1522	1555
2022/12/31	23:06:00	0.000	1416	1445	1518	1553
2022/12/31	23:08:00	0.000	1414	1442	1487	1518
2022/12/31	23:10:00	0.000	1413	1442	1514	1547
2022/12/31	23:12:00	0.000	1407	1442	1547	1577
2022/12/31	23:14:00	0.000	1430	1518	1554	1626
2022/12/31	23:16:00	0.000	1499	1529	1549	1622
2022/12/31	23:18:00	0.000	1456	1545	1471	1563
2022/12/31	23:20:00	0.000	1414	1472	1442	1495
2022/12/31	23:22:00	0.000	1389	1434	1494	1504
2022/12/31	23:24:00	0.000	1382	1417	1489	1520
2022/12/31	23:26:00	0.000	1383	1418	1515	1556
2022/12/31	23:28:00	0.000	1383	1417	1535	1558
2022/12/31	23:30:00	0.000	1388	1421	1533	1556
2022/12/31	23:32:00	0.000	1388	1425	1551	1575
2022/12/31	23:34:00	0.000	1383	1431	1553	1578
2022/12/31	23:36:00	0.000	1386	1429	1537	1570
2022/12/31	23:38:00	0.000	1398	1431	1528	1542
2022/12/31	23:40:00	0.000	1401	1435	1529	1547
2022/12/31	23:42:00	0.000	1409	1437	1535	1567
2022/12/31	23:44:00	0.000	1394	1443	1555	1581
2022/12/31	23:46:00	0.000	1400	1439	1538	1561
2022/12/31	23:48:00	0.000	1380	1413	1477	1538
2022/12/31	23:50:00	0.000	1380	1418	1475	1510
2022/12/31	23:52:00	0.000	1383	1418	1510	1534
2022/12/31	23:54:00	0.000	1400	1437	1534	1591
2022/12/31	23:56:00	0.000	1412	1449	1572	1589
2022/12/31	23:58:00	0.000	1399	1446	1535	1585

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	00:00:00	0.000	1378	1431	1504	1535
2023/01/01	00:02:00	0.000	1383	1407	1492	1523
2023/01/01	00:04:00	0.000	1394	1424	1523	1553
2023/01/01	00:06:00	0.000	1402	1435	1553	1572
2023/01/01	00:08:00	0.000	1406	1448	1537	1595
2023/01/01	00:10:00	0.000	1407	1454	1533	1564
2023/01/01	00:12:00	0.000	1415	1448	1510	1560
2023/01/01	00:14:00	0.000	1394	1428	1508	1521
2023/01/01	00:16:00	0.000	1383	1417	1501	1527
2023/01/01	00:18:00	0.000	1390	1425	1522	1551
2023/01/01	00:20:00	0.000	1394	1435	1549	1563
2023/01/01	00:22:00	0.000	1408	1441	1554	1593
2023/01/01	00:24:00	0.000	1420	1450	1560	1593
2023/01/01	00:26:00	0.000	1422	1453	1547	1564
2023/01/01	00:28:00	0.000	1401	1448	1494	1547
2023/01/01	00:30:00	0.000	1385	1431	1494	1509
2023/01/01	00:32:00	0.000	1378	1420	1509	1535
2023/01/01	00:34:00	0.000	1396	1428	1535	1551
2023/01/01	00:36:00	0.000	1398	1436	1547	1566
2023/01/01	00:38:00	0.000	1413	1444	1550	1576
2023/01/01	00:40:00	0.000	1411	1451	1573	1594
2023/01/01	00:42:00	0.000	1382	1432	1526	1574
2023/01/01	00:44:00	0.000	1380	1421	1493	1526
2023/01/01	00:46:00	0.000	1393	1435	1502	1531
2023/01/01	00:48:00	0.000	1417	1453	1531	1568
2023/01/01	00:50:00	0.000	1402	1445	1551	1569
2023/01/01	00:52:00	0.000	1398	1437	1526	1558
2023/01/01	00:54:00	0.000	1403	1439	1536	1568
2023/01/01	00:56:00	0.000	1394	1429	1519	1536
2023/01/01	00:58:00	0.000	1390	1430	1513	1537
2023/01/01	01:00:00	0.000	1388	1425	1512	1539
2023/01/01	01:02:00	0.000	1397	1449	1533	1545
2023/01/01	01:04:00	0.000	1415	1453	1545	1585
2023/01/01	01:06:00	0.000	1425	1460	1561	1605
2023/01/01	01:08:00	0.000	1420	1456	1542	1561
2023/01/01	01:10:00	0.000	1412	1452	1530	1546
2023/01/01	01:12:00	0.000	1409	1445	1532	1542
2023/01/01	01:14:00	0.000	1394	1441	1502	1537
2023/01/01	01:16:00	0.000	1400	1439	1489	1529
2023/01/01	01:18:00	0.000	1383	1420	1508	1536
2023/01/01	01:20:00	0.000	1398	1431	1535	1553
2023/01/01	01:22:00	0.000	1403	1443	1537	1553
2023/01/01	01:24:00	0.000	1411	1450	1536	1549



**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	01:26:00	0.000	1421	1462	1545	1558
2023/01/01	01:28:00	0.000	1403	1457	1558	1570
2023/01/01	01:30:00	0.000	1396	1435	1546	1564
2023/01/01	01:32:00	0.000	1369	1420	1466	1561
2023/01/01	01:34:00	0.000	1389	1428	1480	1538
2023/01/01	01:36:00	0.000	1403	1437	1538	1583
2023/01/01	01:38:00	0.000	1395	1435	1558	1587
2023/01/01	01:40:00	0.000	1397	1433	1551	1562
2023/01/01	01:42:00	0.000	1398	1441	1510	1566
2023/01/01	01:44:00	0.000	1404	1439	1507	1537
2023/01/01	01:46:00	0.000	1409	1446	1523	1535
2023/01/01	01:48:00	0.000	1425	1457	1528	1569
2023/01/01	01:50:00	0.000	1435	1463	1569	1578
2023/01/01	01:52:00	0.000	1441	1469	1549	1576
2023/01/01	01:54:00	0.000	1451	1474	1535	1559
2023/01/01	01:56:00	0.000	1430	1468	1541	1567
2023/01/01	01:58:00	0.000	1431	1462	1505	1541
2023/01/01	02:00:00	0.000	1415	1453	1502	1533
2023/01/01	02:02:00	0.000	1409	1454	1504	1542
2023/01/01	02:04:00	0.000	1428	1466	1539	1562
2023/01/01	02:06:00	0.000	1445	1487	1561	1580
2023/01/01	02:08:00	0.000	1456	1509	1564	1580
2023/01/01	02:10:00	0.000	1486	1519	1565	1580
2023/01/01	02:12:00	0.000	1499	1530	1547	1577
2023/01/01	02:14:00	0.000	1493	1525	1547	1557
2023/01/01	02:16:00	0.000	1487	1518	1541	1577
2023/01/01	02:18:00	0.000	1479	1516	1483	1558
2023/01/01	02:20:00	0.000	1480	1512	1463	1504
2023/01/01	02:22:00	0.000	1480	1505	1504	1526
2023/01/01	02:24:00	0.000	1483	1512	1521	1529
2023/01/01	02:26:00	0.000	1488	1527	1517	1578
2023/01/01	02:28:00	0.000	1494	1527	1575	1604
2023/01/01	02:30:00	0.000	1496	1537	1561	1577
2023/01/01	02:32:00	0.000	1507	1539	1528	1561
2023/01/01	02:34:00	0.000	1496	1526	1548	1562
2023/01/01	02:36:00	0.000	1494	1518	1508	1553
2023/01/01	02:38:00	0.000	1483	1509	1495	1508
2023/01/01	02:40:00	0.000	1477	1509	1502	1550
2023/01/01	02:42:00	0.000	1465	1499	1537	1554
2023/01/01	02:44:00	0.000	1465	1498	1537	1553
2023/01/01	02:46:00	0.000	1479	1507	1550	1577
2023/01/01	02:48:00	0.000	1488	1515	1542	1570
2023/01/01	02:50:00	0.000	1485	1524	1542	1561

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	02:52:00	0.000	1491	1526	1544	1577
2023/01/01	02:54:00	0.000	1497	1520	1532	1556
2023/01/01	02:56:00	0.000	1485	1518	1518	1539
2023/01/01	02:58:00	0.000	1479	1512	1520	1547
2023/01/01	03:00:00	0.000	1477	1511	1512	1534
2023/01/01	03:02:00	0.000	1472	1503	1488	1512
2023/01/01	03:04:00	0.000	1469	1501	1490	1550
2023/01/01	03:06:00	0.000	1474	1507	1550	1612
2023/01/01	03:08:00	0.000	1472	1504	1572	1612
2023/01/01	03:10:00	0.000	1468	1508	1523	1578
2023/01/01	03:12:00	0.000	1480	1512	1496	1523
2023/01/01	03:14:00	0.000	1486	1512	1523	1552
2023/01/01	03:16:00	0.000	1494	1514	1537	1566
2023/01/01	03:18:00	0.000	1490	1521	1566	1579
2023/01/01	03:20:00	0.000	1492	2026	1557	1657
2023/01/01	03:22:00	0.000	2	2314	1330	1952
2023/01/01	03:24:00	0.000	2	3	766	1330
2023/01/01	03:26:00	0.000	3	3	538	766
2023/01/01	03:28:00	0.000	3	3	412	538
2023/01/01	03:30:00	0.000	3	3	341	412
2023/01/01	03:32:00	0.000	3	3	288	341
2023/01/01	03:34:00	0.000	3	3	249	288
2023/01/01	03:36:00	0.000	2	3	220	249
2023/01/01	03:38:00	0.000	3	3	198	220
2023/01/01	03:40:00	0.000	2	3	182	198
2023/01/01	03:42:00	0.000	3	3	170	182
2023/01/01	03:44:00	0.000	2	3	159	170
2023/01/01	03:46:00	0.000	3	3	151	159
2023/01/01	03:48:00	0.000	3	3	144	151
2023/01/01	03:50:00	0.000	3	3	138	144
2023/01/01	03:52:00	0.000	3	3	132	138
2023/01/01	03:54:00	0.000	3	3	126	132
2023/01/01	03:56:00	0.000	3	3	121	127
2023/01/01	03:58:00	0.000	3	3	117	121
2023/01/01	04:00:00	0.000	3	3	114	117
2023/01/01	04:02:00	0.000	3	3	110	114
2023/01/01	04:04:00	0.000	3	3	107	110
2023/01/01	04:06:00	0.000	3	3	104	107
2023/01/01	04:08:00	0.000	3	3	102	104
2023/01/01	04:10:00	0.000	3	3	101	103
2023/01/01	04:12:00	0.000	3	3	99	101
2023/01/01	04:14:00	0.000	3	3	97	99
2023/01/01	04:16:00	0.000	3	3	96	97

# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	04:18:00	0.000	3	3	93	96
2023/01/01	04:20:00	0.000	3	3	91	94
2023/01/01	04:22:00	0.000	3	3	89	92
2023/01/01	04:24:00	0.000	3	2433	88	1955
2023/01/01	04:26:00	0.000	3	2234	922	1956
2023/01/01	04:28:00	0.000	3	2438	789	1459
2023/01/01	04:30:00	0.000	2144	2172	1459	1571
2023/01/01	04:32:00	0.000	2136	2151	1571	1677
2023/01/01	04:34:00	0.000	2137	2161	1573	1646
2023/01/01	04:36:00	0.000	2134	2152	1585	1644
2023/01/01	04:38:00	0.000	2133	2151	1564	1620
2023/01/01	04:40:00	0.000	2127	2146	1508	1591
2023/01/01	04:42:00	0.000	2127	2144	1499	1574
2023/01/01	04:44:00	0.000	2124	2139	1508	1563
2023/01/01	04:46:00	0.000	2119	2138	1459	1529
2023/01/01	04:48:00	0.000	2122	2135	1459	1566
2023/01/01	04:50:00	0.000	2124	2134	1523	1581
2023/01/01	04:52:00	0.000	2121	2140	1523	1570
2023/01/01	04:54:00	0.000	2131	2143	1518	1537
2023/01/01	04:56:00	0.000	2131	2146	1510	1542
2023/01/01	04:58:00	0.000	2139	2151	1508	1584
2023/01/01	05:00:00	0.000	2140	2151	1504	1607
2023/01/01	05:02:00	0.000	2137	2150	1495	1538
2023/01/01	05:04:00	0.000	2136	2151	1538	1615
2023/01/01	05:06:00	0.000	2132	2144	1527	1574
2023/01/01	05:08:00	0.000	2133	2145	1518	1596
2023/01/01	05:10:00	0.000	2136	2150	1482	1525
2023/01/01	05:12:00	0.000	2140	2151	1516	1556
2023/01/01	05:14:00	0.000	2142	2155	1556	1623
2023/01/01	05:16:00	0.000	2144	2158	1496	1583
2023/01/01	05:18:00	0.000	2148	2161	1547	1584
2023/01/01	05:20:00	0.000	2148	2162	1523	1581
2023/01/01	05:22:00	0.000	2151	2166	1516	1543
2023/01/01	05:24:00	0.000	2152	2166	1509	1555
2023/01/01	05:26:00	0.000	2155	2166	1499	1549
2023/01/01	05:28:00	0.000	2157	2165	1512	1636
2023/01/01	05:30:00	0.000	2153	2166	1572	1626
2023/01/01	05:32:00	0.000	2153	2169	1568	1589
2023/01/01	05:34:00	0.000	2152	2163	1545	1601
2023/01/01	05:36:00	0.000	2154	2166	1531	1593
2023/01/01	05:38:00	0.000	2155	2166	1516	1585
2023/01/01	05:40:00	0.000	2152	2164	1515	1554
2023/01/01	05:42:00	0.000	2149	2166	1509	1528

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	05:44:00	0.000	2151	2165	1464	1510
2023/01/01	05:46:00	0.000	2148	2163	1485	1577
2023/01/01	05:48:00	0.000	2148	2161	1524	1582
2023/01/01	05:50:00	0.000	2151	2164	1522	1572
2023/01/01	05:52:00	0.000	2148	2160	1554	1572
2023/01/01	05:54:00	0.000	2148	2163	1497	1560
2023/01/01	05:56:00	0.000	2145	2161	1499	1529
2023/01/01	05:58:00	0.000	2143	2162	1525	1593
2023/01/01	06:00:00	0.000	2148	2160	1541	1596
2023/01/01	06:02:00	0.000	2148	2159	1537	1562
2023/01/01	06:04:00	0.000	2142	2160	1546	1584
2023/01/01	06:06:00	0.000	2144	2159	1550	1588
2023/01/01	06:08:00	0.000	2143	2157	1512	1551
2023/01/01	06:10:00	0.000	2140	2154	1485	1514
2023/01/01	06:12:00	0.000	2144	2158	1499	1550
2023/01/01	06:14:00	0.000	2144	2159	1549	1574
2023/01/01	06:16:00	0.000	2148	2163	1520	1573
2023/01/01	06:18:00	0.000	2151	2167	1497	1529
2023/01/01	06:20:00	0.000	2155	2169	1511	1589
2023/01/01	06:22:00	0.000	2158	2170	1523	1599
2023/01/01	06:24:00	0.000	2156	2173	1498	1526
2023/01/01	06:26:00	0.000	2136	2164	1498	1547
2023/01/01	06:28:00	0.000	2126	2145	1483	1550
2023/01/01	06:30:00	0.000	2119	2136	1469	1545
2023/01/01	06:32:00	0.000	2116	2133	1545	1625
2023/01/01	06:34:00	0.000	2120	2136	1570	1602
2023/01/01	06:36:00	0.000	2122	2142	1478	1587
2023/01/01	06:38:00	0.000	2130	2146	1470	1573
2023/01/01	06:40:00	0.000	2135	2149	1550	1613
2023/01/01	06:42:00	0.000	2134	2151	1519	1550
2023/01/01	06:44:00	0.000	2121	2144	1494	1523
2023/01/01	06:46:00	0.000	2113	2129	1509	1546
2023/01/01	06:48:00	0.000	2108	2125	1513	1558
2023/01/01	06:50:00	0.000	2110	2124	1549	1569
2023/01/01	06:52:00	0.000	2113	2129	1547	1593
2023/01/01	06:54:00	0.000	2117	2136	1536	1593
2023/01/01	06:56:00	0.000	2122	2136	1531	1621
2023/01/01	06:58:00	0.000	2125	2137	1456	1617
2023/01/01	07:00:00	0.000	2122	2136	1448	1652
2023/01/01	07:02:00	0.000	2120	2133	1504	1651
2023/01/01	07:04:00	0.000	2117	2130	1503	1580
2023/01/01	07:06:00	0.000	2111	2123	1465	1580
2023/01/01	07:08:00	0.000	2104	2118	1508	1558

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**Half-Moon Bay, CA**  
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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	07:10:00	0.000	2107	2120	1489	1536
2023/01/01	07:12:00	0.000	2105	2122	1499	1609
2023/01/01	07:14:00	0.000	2100	2120	1532	1595
2023/01/01	07:16:00	0.000	2112	2125	1508	1560
2023/01/01	07:18:00	0.000	2116	2129	1557	1597
2023/01/01	07:20:00	0.000	2074	2124	1477	1557
2023/01/01	07:22:00	0.000	2046	2088	1490	1524
2023/01/01	07:24:00	0.000	2019	2055	1453	1490
2023/01/01	07:26:00	0.000	1938	2024	1490	1539
2023/01/01	07:28:00	0.000	1876	1945	1510	1589
2023/01/01	07:30:00	0.000	1788	1879	1481	1510
2023/01/01	07:32:00	0.000	1643	1790	1464	1481
2023/01/01	07:34:00	0.000	1606	1681	1461	1515
2023/01/01	07:36:00	0.000	1590	1639	1502	1535
2023/01/01	07:38:00	0.000	1600	1626	1511	1539
2023/01/01	07:40:00	0.000	1584	1622	1502	1553
2023/01/01	07:42:00	0.000	1608	1646	1553	1609
2023/01/01	07:44:00	0.000	1587	1621	1571	1615
2023/01/01	07:46:00	0.000	1595	1638	1551	1579
2023/01/01	07:48:00	0.000	1623	1668	1523	1579
2023/01/01	07:50:00	0.000	1595	1657	1559	1593
2023/01/01	07:52:00	0.000	1609	1678	1525	1559
2023/01/01	07:54:00	0.000	1673	1711	1545	1596
2023/01/01	07:56:00	0.000	1681	1732	1559	1587
2023/01/01	07:58:00	0.000	1699	1730	1506	1572
2023/01/01	08:00:00	0.000	1688	1710	1502	1528
2023/01/01	08:02:00	0.000	1678	1704	1524	1543
2023/01/01	08:04:00	0.000	1677	1698	1515	1537
2023/01/01	08:06:00	0.000	1674	1704	1533	1558
2023/01/01	08:08:00	0.000	1682	1698	1538	1558
2023/01/01	08:10:00	0.000	1670	1693	1515	1538
2023/01/01	08:12:00	0.000	1672	1696	1515	1562
2023/01/01	08:14:00	0.000	1669	1688	1483	1515
2023/01/01	08:16:00	0.000	1647	1684	1474	1534
2023/01/01	08:18:00	0.000	1629	1667	1534	1572
2023/01/01	08:20:00	0.000	1615	1640	1537	1580
2023/01/01	08:22:00	0.000	1611	1629	1537	1564
2023/01/01	08:24:00	0.000	1608	1635	1539	1557
2023/01/01	08:26:00	0.000	1610	1636	1541	1555
2023/01/01	08:28:00	0.000	1610	1636	1548	1562
2023/01/01	08:30:00	0.000	1611	1633	1530	1554
2023/01/01	08:32:00	0.000	1600	1627	1497	1530
2023/01/01	08:34:00	0.000	1597	1617	1491	1524

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	08:36:00	0.000	1597	1619	1524	1544
2023/01/01	08:38:00	0.000	1601	1627	1524	1548
2023/01/01	08:40:00	0.000	1601	1625	1531	1556
2023/01/01	08:42:00	0.000	1602	1626	1525	1550
2023/01/01	08:44:00	0.000	1587	1611	1522	1546
2023/01/01	08:46:00	0.000	1586	1608	1514	1535
2023/01/01	08:48:00	0.000	1572	1596	1462	1558
2023/01/01	08:50:00	0.000	1566	1589	1558	1591
2023/01/01	08:52:00	0.000	1559	1583	1553	1593
2023/01/01	08:54:00	0.000	1561	1584	1553	1568
2023/01/01	08:56:00	0.000	1559	1585	1558	1584
2023/01/01	08:58:00	0.000	1563	1584	1553	1582
2023/01/01	09:00:00	0.000	1566.000	1589.000	1541.000	1565.000
2023/01/01	09:02:00	0.000	1569	1594	1535	1553
2023/01/01	09:04:00	0.000	1563	1589	1543	1556
2023/01/01	09:06:00	0.000	1556	1582	1528	1557
2023/01/01	09:08:00	0.000	1564	1585	1494	1528
2023/01/01	09:10:00	0.000	1559	1589	1495	1580
2023/01/01	09:12:00	0.000	1568	1591	1562	1585
2023/01/01	09:14:00	0.000	1558	1581	1529	1577
2023/01/01	09:16:00	0.000	1550	1577	1513	1540
2023/01/01	09:18:00	0.000	1545	1565	1497	1540
2023/01/01	09:20:00	0.000	1534	1562	1495	1532
2023/01/01	09:22:00	0.000	1535	1556	1508	1537
2023/01/01	09:24:00	0.000	1534	1554	1525	1561
2023/01/01	09:26:00	0.000	1534	1557	1508	1556
2023/01/01	09:28:00	0.000	1527	1560	1519	1550
2023/01/01	09:30:00	0.000	1531	1562	1527	1578
2023/01/01	09:32:00	0.000	1531	1556	1554	1581
2023/01/01	09:34:00	0.000	1540	1563	1535	1554
2023/01/01	09:36:00	0.000	1536	1559	1515	1564
2023/01/01	09:38:00	0.000	1530	1556	1518	1569
2023/01/01	09:40:00	0.000	1534	1557	1549	1582
2023/01/01	09:42:00	0.000	1536	1559	1539	1576
2023/01/01	09:44:00	0.000	1532	1556	1541	1573
2023/01/01	09:46:00	0.000	1534	1559	1515	1541
2023/01/01	09:48:00	0.000	1549.000	1570.000	1531.000	1573.000
2023/01/01	09:50:00	0.000	1550	1572	1510	1579
2023/01/01	09:52:00	0.000	1538	1563	1484	1510
2023/01/01	09:54:00	0.000	1530	1557	1475	1525
2023/01/01	09:56:00	0.000	1524	1549	1524	1569
2023/01/01	09:58:00	0.000	1517	1545	1525	1568
2023/01/01	10:00:00	0.000	1511	1532	1502	1530

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	10:02:00	0.000	1507	1536	1528	1559
2023/01/01	10:04:00	0.000	1509	1541	1559	1582
2023/01/01	10:06:00	0.000	1519	1543	1566	1591
2023/01/01	10:08:00	0.000	1520	1541	1518	1573
2023/01/01	10:10:00	0.000	1501	1548	1525	1537
2023/01/01	10:12:00	0.000	1521	1544	1530	1541
2023/01/01	10:14:00	0.000	1518	1548	1533	1551
2023/01/01	10:16:00	0.000	1519	1546	1541	1558
2023/01/01	10:18:00	0.000	1524	1549	1525	1547
2023/01/01	10:20:00	0.000	1523	1545	1527	1539
2023/01/01	10:22:00	0.000	1522	1548	1539	1558
2023/01/01	10:24:00	0.000	1529	1550	1558	1591
2023/01/01	10:26:00	0.000	1533	1559	1549	1590
2023/01/01	10:28:00	0.000	1530	1556	1526	1576
2023/01/01	10:30:00	0.000	1519	1550	1479	1526
2023/01/01	10:32:00	0.000	1510	1543	1491	1589
2023/01/01	10:34:00	0.000	1504	1532	1500	1602
2023/01/01	10:36:00	0.000	1504	1530	1466	1512
2023/01/01	10:38:00	0.000	1503	1523	1510	1563
2023/01/01	10:40:00	0.000	1498	1541	1555	1566
2023/01/01	10:42:00	0.000	1514	1545	1548	1589
2023/01/01	10:44:00	0.000	1519	1543	1545	1557
2023/01/01	10:46:00	0.000	1519	1542	1520	1560
2023/01/01	10:48:00	0.000	1511	1538	1531	1552
2023/01/01	10:50:00	0.000	1512	1538	1494	1532
2023/01/01	10:52:00	0.000	1513	1539	1508	1545
2023/01/01	10:54:00	0.000	1514	1541	1545	1562
2023/01/01	10:56:00	0.000	1512	1537	1527	1547
2023/01/01	10:58:00	0.000	1508	1539	1514	1546
2023/01/01	11:00:00	0.000	1507	1540	1546	1564
2023/01/01	11:02:00	0.000	1516	1536	1553	1563
2023/01/01	11:04:00	0.000	1512	1549	1560	1582
2023/01/01	11:06:00	0.000	1511.000	1542.000	1552.000	1581.000
2023/01/01	11:08:00	0.000	1521	1544	1545	1555
2023/01/01	11:10:00	0.000	1516	1549	1518	1556
2023/01/01	11:12:00	0.000	1527	1556	1528	1553
2023/01/01	11:14:00	0.000	1527	1548	1507	1528
2023/01/01	11:16:00	0.000	1524	1545	1525	1547
2023/01/01	11:18:00	0.000	1527	1552	1520	1542
2023/01/01	11:20:00	0.000	1522	1554	1504	1537
2023/01/01	11:22:00	0.000	1525	1552	1534	1579
2023/01/01	11:24:00	0.000	1530	1549	1569	1589
2023/01/01	11:26:00	0.000	1530	1562	1528	1569

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	11:28:00	0.000	1536	1561	1504	1532
2023/01/01	11:30:00	0.000	1530	1562	1516	1545
2023/01/01	11:32:00	0.000	1534	1558	1529	1562
2023/01/01	11:34:00	0.000	1532	1560	1528	1564
2023/01/01	11:36:00	0.000	1534	1557	1563	1572
2023/01/01	11:38:00	0.000	1536	1562	1548	1565
2023/01/01	11:40:00	0.000	1530	1564	1537	1557
2023/01/01	11:42:00	0.000	1533	1563	1529	1574
2023/01/01	11:44:00	0.000	1530	1559	1510	1532
2023/01/01	11:46:00	0.000	1521	1552	1522	1537
2023/01/01	11:48:00	0.000	1519	1546	1516	1543
2023/01/01	11:50:00	0.000	1517	1545	1503	1520
2023/01/01	11:52:00	0.000	1510	1538	1507	1558
2023/01/01	11:54:00	0.000	1503	1538	1512	1545
2023/01/01	11:56:00	0.000	1519	1549	1533	1544
2023/01/01	11:58:00	0.000	1527	1556	1528	1585
2023/01/01	12:00:00	0.000	1530	1561	1575	1602
2023/01/01	12:02:00	0.000	1541	1570	1535	1575
2023/01/01	12:04:00	0.000	1539	1565	1563	1575
2023/01/01	12:06:00	0.000	1534	1562	1479	1577
2023/01/01	12:08:00	0.000	1530	1556	1468	1487
2023/01/01	12:10:00	0.000	1521	1549	1480	1550
2023/01/01	12:12:00	0.000	1519	1549	1532	1560
2023/01/01	12:14:00	0.000	1447	1542	1489	1532
2023/01/01	12:16:00	0.000	1420	1467	1482	1494
2023/01/01	12:18:00	0.000	1442	1505	1494	1566
2023/01/01	12:20:00	0.000	1504	1559	1566	1666
2023/01/01	12:22:00	0.000	1553	1583	1537	1643
2023/01/01	12:24:00	0.000	1542	1574	1469	1537
2023/01/01	12:26:00	0.000	1527	1556	1499	1540
2023/01/01	12:28:00	0.000	1516	1559	1527	1541
2023/01/01	12:30:00	0.000	1540	1562	1527	1574
2023/01/01	12:32:00	0.000	1540	1572	1555	1588
2023/01/01	12:34:00	0.000	1553	1572	1551	1576
2023/01/01	12:36:00	0.000	1541	1566	1470	1551
2023/01/01	12:38:00	0.000	1532	1561	1471	1557
2023/01/01	12:40:00	0.000	1531	1560	1557	1582
2023/01/01	12:42:00	0.000	1524	1555	1525	1569
2023/01/01	12:44:00	0.000	1519	1549	1539	1569
2023/01/01	12:46:00	0.000	1519	1549	1494	1569
2023/01/01	12:48:00	0.000	1523	1553	1487	1519
2023/01/01	12:50:00	0.000	1536	1559	1519	1567
2023/01/01	12:52:00	0.000	1541	1561	1564	1583



# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	12:54:00	0.000	1546	1576	1542	1576
2023/01/01	12:56:00	0.000	1549	1574	1519	1564
2023/01/01	12:58:00	0.000	1537	1566	1550	1566
2023/01/01	13:00:00	0.000	1520	1549	1517	1564
2023/01/01	13:02:00	0.000	1519	1545	1469	1518
2023/01/01	13:04:00	0.000	1527	1561	1469	1568
2023/01/01	13:06:00	0.000	1532	1561	1541	1572
2023/01/01	13:08:00	0.000	1538	1565	1539	1578
2023/01/01	13:10:00	0.000	1539	1571	1545	1567
2023/01/01	13:12:00	0.000	1547	1571	1518	1558
2023/01/01	13:14:00	0.000	1540	1563	1513	1556
2023/01/01	13:16:00	0.000	1532	1553	1510	1549
2023/01/01	13:18:00	0.000	1525.000	1559.000	1518.000	1547.000
2023/01/01	13:20:00	0.000	1522	1548	1508	1542
2023/01/01	13:22:00	0.000	1512	1549	1510	1535
2023/01/01	13:24:00	0.000	1512	1539	1522	1556
2023/01/01	13:26:00	0.000	1512	1544	1555	1586
2023/01/01	13:28:00	0.000	1517	1545	1543	1604
2023/01/01	13:30:00	0.000	1522	1549	1537	1558
2023/01/01	13:32:00	0.000	1531	1556	1558	1568
2023/01/01	13:34:00	0.000	1526	1549	1537	1561
2023/01/01	13:36:00	0.000	1516	1538	1485	1553
2023/01/01	13:38:00	0.000	1504	1531	1425	1547
2023/01/01	13:40:00	0.000	1499	1536	1547	1622
2023/01/01	13:42:00	0.000	1512	1549	1527	1605
2023/01/01	13:44:00	0.000	1528	1564	1542	1582
2023/01/01	13:46:00	0.000	1539	1567	1532	1554
2023/01/01	13:48:00	0.000	1552	1578	1542	1589
2023/01/01	13:50:00	0.000	1563	1585	1522	1574
2023/01/01	13:52:00	0.000	1567	1589	1499	1525
2023/01/01	13:54:00	0.000	1556	1586	1495	1546
2023/01/01	13:56:00	0.000	1556	1581	1531	1549
2023/01/01	13:58:00	0.000	1549.000	1573.000	1496.000	1531.000
2023/01/01	14:00:00	0.000	1546	1572	1510	1558
2023/01/01	14:02:00	0.000	1540	1564	1542	1558
2023/01/01	14:04:00	0.000	1532	1560	1532	1568
2023/01/01	14:06:00	0.000	1530	1558	1538	1583
2023/01/01	14:08:00	0.000	1534	1562	1556	1583
2023/01/01	14:10:00	0.000	1539	1565	1528	1564
2023/01/01	14:12:00	0.000	1545	1573	1526	1541
2023/01/01	14:14:00	0.000	1546	1576	1522	1532
2023/01/01	14:16:00	0.000	1531	1560	1519	1531
2023/01/01	14:18:00	0.000	1517	1548	1520	1541

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	14:20:00	0.000	1525	1557	1519	1554
2023/01/01	14:22:00	0.000	1531	1557	1531	1554
2023/01/01	14:24:00	0.000	1534	1560	1528	1580
2023/01/01	14:26:00	0.000	1523	1556	1536	1581
2023/01/01	14:28:00	0.000	1509	1545	1527	1542
2023/01/01	14:30:00	0.000	1519	1553	1533	1554
2023/01/01	14:32:00	0.000	1543	1578	1554	1614
2023/01/01	14:34:00	0.000	1526	1571	1515	1615
2023/01/01	14:36:00	0.000	1496	1539	1483	1515
2023/01/01	14:38:00	0.000	1480	1505	1483	1502
2023/01/01	14:40:00	0.000	1471	1510	1496	1543
2023/01/01	14:42:00	0.000	1489	1523	1541	1582
2023/01/01	14:44:00	0.000	1497	1530	1566	1590
2023/01/01	14:46:00	0.000	1490	1523	1537	1566
2023/01/01	14:48:00	0.000	1472	1505	1525	1547
2023/01/01	14:50:00	0.000	1474	1508	1495	1525
2023/01/01	14:52:00	0.000	1497	1520	1502	1549
2023/01/01	14:54:00	0.000	1504	1529	1543	1569
2023/01/01	14:56:00	0.000	1513	1538	1558	1584
2023/01/01	14:58:00	0.000	1516	1540	1543	1584
2023/01/01	15:00:00	0.000	1517	1548	1540	1558
2023/01/01	15:02:00	0.000	1512	1540	1545	1556
2023/01/01	15:04:00	0.000	1503	1535	1527	1546
2023/01/01	15:06:00	0.000	1496	1531	1488	1534
2023/01/01	15:08:00	0.000	1498	1531	1488	1540
2023/01/01	15:10:00	0.000	1505	1528	1535	1558
2023/01/01	15:12:00	0.000	1490	1541	1535	1565
2023/01/01	15:14:00	0.000	1518	1548	1565	1576
2023/01/01	15:16:00	0.000	1524	1554	1558	1578
2023/01/01	15:18:00	0.000	1527	1552	1524	1560
2023/01/01	15:20:00	0.000	1525	1559	1531	1544
2023/01/01	15:22:00	0.000	1493	1539	1489	1531
2023/01/01	15:24:00	0.000	1501	1524	1494	1545
2023/01/01	15:26:00	0.000	1505	1531	1537	1574
2023/01/01	15:28:00	0.000	1513	1539	1541	1589
2023/01/01	15:30:00	0.000	1516	1541	1541	1568
2023/01/01	15:32:00	0.000	1525	1552	1528	1560
2023/01/01	15:34:00	0.000	1509	1538	1527	1569
2023/01/01	15:36:00	0.000	1497	1527	1496	1527
2023/01/01	15:38:00	0.000	1485	1525	1507	1529
2023/01/01	15:40:00	0.000	1502	1539	1527	1561
2023/01/01	15:42:00	0.000	1523	1559	1554	1570
2023/01/01	15:44:00	0.000	1512	1547	1542	1580

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## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	15:46:00	0.000	1488	1529	1493	1542
2023/01/01	15:48:00	0.000	1469	1510	1496	1508
2023/01/01	15:50:00	0.000	1452	1486	1501	1540
2023/01/01	15:52:00	0.000	1431	1475	1502	1535
2023/01/01	15:54:00	0.000	1452	1480	1526	1550
2023/01/01	15:56:00	0.000	1461	1488	1550	1601
2023/01/01	15:58:00	0.000	1470	1493	1570	1598
2023/01/01	16:00:00	0.000	1477	1508	1559	1570
2023/01/01	16:02:00	0.000	1482	1519	1551	1565
2023/01/01	16:04:00	0.000	1491	1521	1545	1562
2023/01/01	16:06:00	0.000	1493	1523	1551	1565
2023/01/01	16:08:00	0.000	1492	1516	1541	1558
2023/01/01	16:10:00	0.000	1494	1522	1509	1542
2023/01/01	16:12:00	0.000	1493	1522	1510	1527
2023/01/01	16:14:00	0.000	1493	1523	1504	1549
2023/01/01	16:16:00	0.000	1492	1527	1548	1584
2023/01/01	16:18:00	0.000	1493	1519	1537	1585
2023/01/01	16:20:00	0.000	1491	1518	1526	1554
2023/01/01	16:22:00	0.000	1490	1519	1531	1544
2023/01/01	16:24:00	0.000	1482	1517	1530	1547
2023/01/01	16:26:00	0.000	1491	1519	1537	1547
2023/01/01	16:28:00	0.000	1482	1513	1538	1580
2023/01/01	16:30:00	0.000	1488	1512	1531	1558
2023/01/01	16:32:00	0.000	1488	1515	1516	1531
2023/01/01	16:34:00	0.000	1487	1515	1520	1537
2023/01/01	16:36:00	0.000	1486	1514	1530	1539
2023/01/01	16:38:00	0.000	1489	1512	1512	1530
2023/01/01	16:40:00	0.000	1483	1514	1529	1589
2023/01/01	16:42:00	0.000	1479	1516	1555	1597
2023/01/01	16:44:00	0.000	1488	1511	1542	1565
2023/01/01	16:46:00	0.000	1484	1512	1507	1545
2023/01/01	16:48:00	0.000	1483	1506	1483	1523
2023/01/01	16:50:00	0.000	1480	1513	1523	1570
2023/01/01	16:52:00	0.000	1489	1517	1570	1576
2023/01/01	16:54:00	0.000	1469	1510	1545	1576
2023/01/01	16:56:00	0.000	1457	1492	1517	1568
2023/01/01	16:58:00	0.000	1448	1480	1493	1517
2023/01/01	17:00:00	0.000	1441	1472	1495	1516
2023/01/01	17:02:00	0.000	1443	1474	1515	1563
2023/01/01	17:04:00	0.000	1435	1467	1547	1556
2023/01/01	17:06:00	0.000	1442	1470	1556	1589
2023/01/01	17:08:00	0.000	1438	1471	1539	1584
2023/01/01	17:10:00	0.000	1433	1473	1534	1556

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	17:12:00	0.000	1436	1484	1520	1550
2023/01/01	17:14:00	0.000	1448	1482	1522	1558
2023/01/01	17:16:00	0.000	1453	1485	1553	1572
2023/01/01	17:18:00	0.000	1456	1483	1504	1553
2023/01/01	17:20:00	0.000	1453	1488	1515	1533
2023/01/01	17:22:00	0.000	1460	1486	1510	1561
2023/01/01	17:24:00	0.000	1462	1491	1561	1584
2023/01/01	17:26:00	0.000	1462	1488	1566	1582
2023/01/01	17:28:00	0.000	1457	1490	1523	1572
2023/01/01	17:30:00	0.000	1464	1497	1526	1547
2023/01/01	17:32:00	0.000	1453	1488	1531	1539
2023/01/01	17:34:00	0.000	1452	1477	1502	1533
2023/01/01	17:36:00	0.000	1455	1484	1510	1547
2023/01/01	17:38:00	0.000	1451	1488	1524	1547
2023/01/01	17:40:00	0.000	1462	1487	1526	1566
2023/01/01	17:42:00	0.000	1448	1489	1545	1585
2023/01/01	17:44:00	0.000	1468	1493	1524	1549
2023/01/01	17:46:00	0.000	1475	1506	1533	1576
2023/01/01	17:48:00	0.000	1483	1506	1557	1582
2023/01/01	17:50:00	0.000	1490	1510	1504	1557
2023/01/01	17:52:00	0.000	1473	1512	1529	1568
2023/01/01	17:54:00	0.000	1457	1496	1515	1544
2023/01/01	17:56:00	0.000	1453	1481	1497	1523
2023/01/01	17:58:00	0.000	1461	1492	1523	1560
2023/01/01	18:00:00	0.000	1471	1500	1560	1580
2023/01/01	18:02:00	0.000	1479	1516	1563	1580
2023/01/01	18:04:00	0.000	1464	1498	1529	1563
2023/01/01	18:06:00	0.000	1453	1488	1494	1529
2023/01/01	18:08:00	0.000	1435	1480	1496	1518
2023/01/01	18:10:00	0.000	1445	1476	1514	1528
2023/01/01	18:12:00	0.000	1445	1470	1528	1552
2023/01/01	18:14:00	0.000	1427	1467	1537	1553
2023/01/01	18:16:00	0.000	1427	1451	1525	1547
2023/01/01	18:18:00	0.000	1417	1453	1535	1551
2023/01/01	18:20:00	0.000	1419	1450	1517	1543
2023/01/01	18:22:00	0.000	1424	1456	1518	1578
2023/01/01	18:24:00	0.000	1434	1468	1578	1594
2023/01/01	18:26:00	0.000	1448	1473	1561	1586
2023/01/01	18:28:00	0.000	1457	1480	1551	1566
2023/01/01	18:30:00	0.000	1472	1494	1542	1564
2023/01/01	18:32:00	0.000	1471	1503	1555	1568
2023/01/01	18:34:00	0.000	1458	1486	1506	1558
2023/01/01	18:36:00	0.000	1444	1475	1474	1521

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	18:38:00	0.000	1457	1480	1497	1528
2023/01/01	18:40:00	0.000	1456	1492	1509	1562
2023/01/01	18:42:00	0.000	1460	1497	1562	1580
2023/01/01	18:44:00	0.000	1460	1490	1553	1568
2023/01/01	18:46:00	0.000	1464	1493	1523	1553
2023/01/01	18:48:00	0.000	1465	1496	1527	1550
2023/01/01	18:50:00	0.000	1470	1497	1544	1561
2023/01/01	18:52:00	0.000	1464	1501	1545	1575
2023/01/01	18:54:00	0.000	1478	1503	1539	1580
2023/01/01	18:56:00	0.000	1478	1508	1539	1556
2023/01/01	18:58:00	0.000	1482	1516	1549	1566
2023/01/01	19:00:00	0.000	1471	1508	1515	1556
2023/01/01	19:02:00	0.000	1464	1494	1497	1515
2023/01/01	19:04:00	0.000	1457	1489	1479	1527
2023/01/01	19:06:00	0.000	1449	1484	1518	1532
2023/01/01	19:08:00	0.000	1446	1476	1520	1545
2023/01/01	19:10:00	0.000	1450	1488	1545	1580
2023/01/01	19:12:00	0.000	1464	1499	1569	1586
2023/01/01	19:14:00	0.000	1456	1492	1558	1595
2023/01/01	19:16:00	0.000	1451	1487	1497	1561
2023/01/01	19:18:00	0.000	1433	1468	1475	1497
2023/01/01	19:20:00	0.000	1419	1453	1489	1526
2023/01/01	19:22:00	0.000	1406	1441	1515	1534
2023/01/01	19:24:00	0.000	1402	1440	1520	1537
2023/01/01	19:26:00	0.000	1396	1439	1520	1540
2023/01/01	19:28:00	0.000	1399	1437	1540	1579
2023/01/01	19:30:00	0.000	1413	1443	1560	1574
2023/01/01	19:32:00	0.000	1427	1453	1542	1574
2023/01/01	19:34:00	0.000	1421	1464	1528	1558
2023/01/01	19:36:00	0.000	1445	1466	1553	1568
2023/01/01	19:38:00	0.000	1431	1465	1551	1563
2023/01/01	19:40:00	0.000	1427	1479	1520	1554
2023/01/01	19:42:00	0.000	1446	1485	1533	1542
2023/01/01	19:44:00	0.000	1457	1490	1542	1554
2023/01/01	19:46:00	0.000	1464	1495	1532	1558
2023/01/01	19:48:00	0.000	1460	1495	1532	1556
2023/01/01	19:50:00	0.000	1465	1496	1556	1575
2023/01/01	19:52:00	0.000	1466	1492	1541	1562
2023/01/01	19:54:00	0.000	1461	1495	1537	1559
2023/01/01	19:56:00	0.000	1458	1486	1535	1543
2023/01/01	19:58:00	0.000	1446	1483	1516	1539
2023/01/01	20:00:00	0.000	1438	1477	1516	1525
2023/01/01	20:02:00	0.000	1438	1470	1517	1556

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	20:04:00	0.000	1443	1470	1544	1564
2023/01/01	20:06:00	0.000	1447	1474	1544	1564
2023/01/01	20:08:00	0.000	1445	1478	1541	1558
2023/01/01	20:10:00	0.000	1444	1484	1537	1555
2023/01/01	20:12:00	0.000	1450	1479	1507	1543
2023/01/01	20:14:00	0.000	1448	1482	1510	1526
2023/01/01	20:16:00	0.000	1446	1483	1526	1539
2023/01/01	20:18:00	0.000	1454	1484	1534	1542
2023/01/01	20:20:00	0.000	1468	1492	1533	1577
2023/01/01	20:22:00	0.000	1478	1502	1558	1577
2023/01/01	20:24:00	0.000	1445	1489	1550	1568
2023/01/01	20:26:00	0.000	1414	1465	1522	1553
2023/01/01	20:28:00	0.000	1389	1441	1490	1524
2023/01/01	20:30:00	0.000	1389	1420	1480	1514
2023/01/01	20:32:00	0.000	1394	1435	1514	1553
2023/01/01	20:34:00	0.000	1392	1442	1553	1592
2023/01/01	20:36:00	0.000	1407	1450	1563	1592
2023/01/01	20:38:00	0.000	1412	1445	1548	1572
2023/01/01	20:40:00	0.000	1401	1435	1517	1548
2023/01/01	20:42:00	0.000	1388	1435	1488	1523
2023/01/01	20:44:00	0.000	1398	1451	1506	1545
2023/01/01	20:46:00	0.000	1432	1468	1545	1588
2023/01/01	20:48:00	0.000	1442	1468	1566	1599
2023/01/01	20:50:00	0.000	1441	1484	1535	1569
2023/01/01	20:52:00	0.000	1417	1457	1510	1535
2023/01/01	20:54:00	0.000	1424	1459	1510	1534
2023/01/01	20:56:00	0.000	1441	1471	1534	1574
2023/01/01	20:58:00	0.000	1449	1482	1574	1589
2023/01/01	21:00:00	0.000	1458	1484	1531	1579
2023/01/01	21:02:00	0.000	1455	1489	1512	1531
2023/01/01	21:04:00	0.000	1456	1480	1518	1538
2023/01/01	21:06:00	0.000	1445	1485	1523	1545
2023/01/01	21:08:00	0.000	1453	1485	1545	1557
2023/01/01	21:10:00	0.000	1457	1482	1547	1568
2023/01/01	21:12:00	0.000	1453	1482	1550	1566
2023/01/01	21:14:00	0.000	1456	1478	1514	1554
2023/01/01	21:16:00	0.000	1446	1480	1507	1523
2023/01/01	21:18:00	0.000	1455	1484	1507	1541
2023/01/01	21:20:00	0.000	1451	1484	1533	1544
2023/01/01	21:22:00	0.000	1449	1485	1542	1554
2023/01/01	21:24:00	0.000	1449	1478	1539	1552
2023/01/01	21:26:00	0.000	1437	1474	1542	1561
2023/01/01	21:28:00	0.000	1439	1473	1544	1566

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	21:30:00	0.000	1445	1477	1536	1558
2023/01/01	21:32:00	0.000	1447	1486	1549	1556
2023/01/01	21:34:00	0.000	1433	1463	1525	1556
2023/01/01	21:36:00	0.000	1424	1451	1499	1525
2023/01/01	21:38:00	0.000	1400	1431	1495	1513
2023/01/01	21:40:00	0.000	1396	1433	1512	1542
2023/01/01	21:42:00	0.000	1394	1437	1539	1549
2023/01/01	21:44:00	0.000	1398	1433	1537	1571
2023/01/01	21:46:00	0.000	1405	1435	1535	1572
2023/01/01	21:48:00	0.000	1395	1442	1539	1550
2023/01/01	21:50:00	0.000	1406	1445	1544	1566
2023/01/01	21:52:00	0.000	1406	1446	1547	1564
2023/01/01	21:54:00	0.000	1413	1446	1541	1567
2023/01/01	21:56:00	0.000	1418	1459	1551	1567
2023/01/01	21:58:00	0.000	1442	1471	1537	1570
2023/01/01	22:00:00	0.000	1453	1493	1527	1560
2023/01/01	22:02:00	0.000	1435	1481	1549	1569
2023/01/01	22:04:00	0.000	1428	1467	1500	1560
2023/01/01	22:06:00	0.000	1439	1482	1503	1519
2023/01/01	22:08:00	0.000	1457	1489	1519	1561
2023/01/01	22:10:00	0.000	1466	1492	1541	1580
2023/01/01	22:12:00	0.000	1446	1490	1547	1588
2023/01/01	22:14:00	0.000	1437	1481	1541	1551
2023/01/01	22:16:00	0.000	1438	1475	1506	1548
2023/01/01	22:18:00	0.000	1433	1471	1507	1516
2023/01/01	22:20:00	0.000	1435	1464	1512	1549
2023/01/01	22:22:00	0.000	1441	1469	1522	1542
2023/01/01	22:24:00	0.000	1451	1480	1542	1583
2023/01/01	22:26:00	0.000	1448	1483	1542	1593
2023/01/01	22:28:00	0.000	1459	1485	1535	1569
2023/01/01	22:30:00	0.000	1461	1497	1556	1569
2023/01/01	22:32:00	0.000	1445	1481	1518	1566
2023/01/01	22:34:00	0.000	1420	1458	1507	1523
2023/01/01	22:36:00	0.000	1435	1468	1508	1520
2023/01/01	22:38:00	0.000	1442	1468	1520	1542
2023/01/01	22:40:00	0.000	1447	1482	1534	1545
2023/01/01	22:42:00	0.000	1460	1488	1537	1560
2023/01/01	22:44:00	0.000	1441	1488	1551	1569
2023/01/01	22:46:00	0.000	1429	1468	1529	1551
2023/01/01	22:48:00	0.000	1417	1458	1515	1530
2023/01/01	22:50:00	0.000	1417	1457	1504	1545
2023/01/01	22:52:00	0.000	1413	1448	1520	1543
2023/01/01	22:54:00	0.000	1400	1444	1518	1537

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-7**

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	22:56:00	0.000	1399	1435	1512	1545
2023/01/01	22:58:00	0.000	1391	1430	1545	1560
2023/01/01	23:00:00	0.000	1393	1428	1541	1557
2023/01/01	23:02:00	0.000	1400	1441	1537	1551
2023/01/01	23:04:00	0.000	1406	1451	1551	1601
2023/01/01	23:06:00	0.000	1419	1456	1537	1582
2023/01/01	23:08:00	0.000	1429	1465	1527	1544
2023/01/01	23:10:00	0.000	1445	1483	1525	1534
2023/01/01	23:12:00	0.000	1453	1488	1534	1564
2023/01/01	23:14:00	0.000	1439	1480	1539	1560
2023/01/01	23:16:00	0.000	1433	1468	1532	1547
2023/01/01	23:18:00	0.000	1424	1460	1506	1533
2023/01/01	23:20:00	0.000	1419	1458	1510	1558
2023/01/01	23:22:00	0.000	1417	1451	1531	1560
2023/01/01	23:24:00	0.000	1417	1451	1521	1541
2023/01/01	23:26:00	0.000	1425	1460	1535	1542
2023/01/01	23:28:00	0.000	1424	1457	1534	1558
2023/01/01	23:30:00	0.000	1428	1461	1541	1558
2023/01/01	23:32:00	0.000	1421	1462	1522	1548
2023/01/01	23:34:00	0.000	1435	1467	1548	1574
2023/01/01	23:36:00	0.000	1441	1467	1534	1571
2023/01/01	23:38:00	0.000	1440	1468	1523	1535
2023/01/01	23:40:00	0.000	1433	1468	1520	1553
2023/01/01	23:42:00	0.000	1437	1474	1520	1541
2023/01/01	23:44:00	0.000	1422	1460	1521	1544
2023/01/01	23:46:00	0.000	1417	1449	1519	1542
2023/01/01	23:48:00	0.000	1414	1445	1542	1553
2023/01/01	23:50:00	0.000	1424	1458	1534	1556
2023/01/01	23:52:00	0.000	1441	1475	1537	1586
2023/01/01	23:54:00	0.000	1428	1461	1551	1583
2023/01/01	23:56:00	0.000	1406	1452	1502	1556
2023/01/01	23:58:00	0.000	1384	1436	1470	1520



# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	00:00:00	0.000	1361	1400	1494	1529
2023/01/02	00:02:00	0.000	1361	1402	1528	1542
2023/01/02	00:04:00	0.000	1382	1429	1538	1563
2023/01/02	00:06:00	0.000	1398	1439	1563	1574
2023/01/02	00:08:00	0.000	1409	1444	1555	1580
2023/01/02	00:10:00	0.000	1402	1435	1539	1568
2023/01/02	00:12:00	0.000	1397	1438	1520	1539
2023/01/02	00:14:00	0.000	1393	1431	1500	1521
2023/01/02	00:16:00	0.000	1409	1437	1499	1573
2023/01/02	00:18:00	0.000	1423	1451	1573	1595
2023/01/02	00:20:00	0.000	1435	1468	1565	1588
2023/01/02	00:22:00	0.000	1446	1479	1553	1583
2023/01/02	00:24:00	0.000	1423	1475	1512	1553
2023/01/02	00:26:00	0.000	1431	1454	1489	1518
2023/01/02	00:28:00	0.000	1421	1453	1499	1530
2023/01/02	00:30:00	0.000	1420	1467	1530	1562
2023/01/02	00:32:00	0.000	1429	1468	1555	1574
2023/01/02	00:34:00	0.000	1445	1473	1558	1578
2023/01/02	00:36:00	0.000	1451	1475	1520	1567
2023/01/02	00:38:00	0.000	1448	1478	1523	1533
2023/01/02	00:40:00	0.000	1441	1471	1514	1542
2023/01/02	00:42:00	0.000	1443	1482	1542	1553
2023/01/02	00:44:00	0.000	1451	1479	1544	1559
2023/01/02	00:46:00	0.000	1448	1480	1549	1564
2023/01/02	00:48:00	0.000	1441	1475	1534	1564
2023/01/02	00:50:00	0.000	1446	1482	1515	1537
2023/01/02	00:52:00	0.000	1434	1467	1514	1551
2023/01/02	00:54:00	0.000	1436	1461	1545	1556
2023/01/02	00:56:00	0.000	1425	1459	1528	1545
2023/01/02	00:58:00	0.000	1424	1458	1537	1582
2023/01/02	01:00:00	0.000	1433	1462	1567	1584
2023/01/02	01:02:00	0.000	1437	1473	1548	1571
2023/01/02	01:04:00	0.000	1411	1468	1497	1566
2023/01/02	01:06:00	0.000	1407	1442	1496	1525
2023/01/02	01:08:00	0.000	1394	1435	1480	1525
2023/01/02	01:10:00	0.000	1383	1421	1498	1525
2023/01/02	01:12:00	0.000	1372	1420	1516	1537
2023/01/02	01:14:00	0.000	1383	1419	1531	1541
2023/01/02	01:16:00	0.000	1387	1421	1534	1548
2023/01/02	01:18:00	0.000	1383	1411	1548	1564

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	01:20:00	0.000	1392	1428	1564	1592
2023/01/02	01:22:00	0.000	1392	1433	1555	1590
2023/01/02	01:24:00	0.000	1402	1444	1551	1564
2023/01/02	01:26:00	0.000	1414	1443	1548	1560
2023/01/02	01:28:00	0.000	1414	1444	1526	1553
2023/01/02	01:30:00	0.000	1422	1457	1511	1527
2023/01/02	01:32:00	0.000	1431	1468	1508	1558
2023/01/02	01:34:00	0.000	1447	1469	1558	1591
2023/01/02	01:36:00	0.000	1448	1478	1561	1584
2023/01/02	01:38:00	0.000	1453	1479	1548	1564
2023/01/02	01:40:00	0.000	1445	1477	1522	1553
2023/01/02	01:42:00	0.000	1438	1470	1491	1529
2023/01/02	01:44:00	0.000	1433	1463	1502	1537
2023/01/02	01:46:00	0.000	1428	1457	1520	1537
2023/01/02	01:48:00	0.000	1422	1454	1516	1544
2023/01/02	01:50:00	0.000	1423	1457	1544	1562
2023/01/02	01:52:00	0.000	1435	1469	1546	1591
2023/01/02	01:54:00	0.000	1435	1483	1558	1593
2023/01/02	01:56:00	0.000	1453	1485	1559	1574
2023/01/02	01:58:00	0.000	1441	1473	1510	1568
2023/01/02	02:00:00	0.000	1430	1462	1496	1510
2023/01/02	02:02:00	0.000	1416	1455	1489	1525
2023/01/02	02:04:00	0.000	1431	1470	1487	1575
2023/01/02	02:06:00	0.000	1446	1482	1570	1603
2023/01/02	02:08:00	0.000	1435	1483	1564	1584
2023/01/02	02:10:00	0.000	1425	1465	1539	1564
2023/01/02	02:12:00	0.000	1433	1480	1531	1545
2023/01/02	02:14:00	0.000	1442	1474	1535	1545
2023/01/02	02:16:00	0.000	1400	1456	1494	1545
2023/01/02	02:18:00	0.000	1371	1417	1477	1508
2023/01/02	02:20:00	0.000	1371	1409	1494	1512
2023/01/02	02:22:00	0.000	1379	1415	1507	1547
2023/01/02	02:24:00	0.000	1383	1415	1547	1558
2023/01/02	02:26:00	0.000	1378	1416	1545	1566
2023/01/02	02:28:00	0.000	1387	1421	1555	1574
2023/01/02	02:30:00	0.000	1388	1434	1531	1555
2023/01/02	02:32:00	0.000	1400	1436	1520	1548
2023/01/02	02:34:00	0.000	1415	1449	1521	1549
2023/01/02	02:36:00	0.000	1416	1441	1539	1578
2023/01/02	02:38:00	0.000	1420	1450	1563	1569

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	02:40:00	0.000	1422	1464	1552	1569
2023/01/02	02:42:00	0.000	1431	1462	1529	1553
2023/01/02	02:44:00	0.000	1426	1457	1531	1549
2023/01/02	02:46:00	0.000	1430	1456	1536	1572
2023/01/02	02:48:00	0.000	1417	1458	1512	1536
2023/01/02	02:50:00	0.000	1427	1458	1512	1542
2023/01/02	02:52:00	0.000	1428	1453	1534	1545
2023/01/02	02:54:00	0.000	1425	1457	1537	1546
2023/01/02	02:56:00	0.000	1409	1444	1530	1539
2023/01/02	02:58:00	0.000	1414	1444	1502	1530
2023/01/02	03:00:00	0.000	1414	1447	1510	1535
2023/01/02	03:02:00	0.000	1416	1448	1535	1587
2023/01/02	03:04:00	0.000	1417	1445	1572	1598
2023/01/02	03:06:00	0.000	1425	1460	1536	1573
2023/01/02	03:08:00	0.000	1428	1458	1518	1536
2023/01/02	03:10:00	0.000	1428	1460	1523	1545
2023/01/02	03:12:00	0.000	1428	1457	1516	1545
2023/01/02	03:14:00	0.000	1419	1457	1514	1568
2023/01/02	03:16:00	0.000	1428	1462	1567	1578
2023/01/02	03:18:00	0.000	1421	1453	1522	1584
2023/01/02	03:20:00	0.000	1423	1460	1518	1539
2023/01/02	03:22:00	0.000	1431	1457	1538	1547
2023/01/02	03:24:00	0.000	1404	1449	1515	1547
2023/01/02	03:26:00	0.000	1389	1435	1516	1525
2023/01/02	03:28:00	0.000	1378	1425	1516	1535
2023/01/02	03:30:00	0.000	1373	1414	1516	1545
2023/01/02	03:32:00	0.000	1377	1411	1539	1545
2023/01/02	03:34:00	0.000	1372	1417	1531	1544
2023/01/02	03:36:00	0.000	1374	1409	1533	1545
2023/01/02	03:38:00	0.000	1369	1406	1528	1553
2023/01/02	03:40:00	0.000	1369	1413	1545	1551
2023/01/02	03:42:00	0.000	1379	1420	1534	1553
2023/01/02	03:44:00	0.000	1388	1423	1546	1564
2023/01/02	03:46:00	0.000	1392	1433	1546	1567
2023/01/02	03:48:00	0.000	1405	1437	1555	1574
2023/01/02	03:50:00	0.000	1419	1449	1559	1575
2023/01/02	03:52:00	0.000	1409	1448	1536	1577
2023/01/02	03:54:00	0.000	1415	1446	1534	1547
2023/01/02	03:56:00	0.000	1419	1453	1528	1541
2023/01/02	03:58:00	0.000	1425	1453	1529	1550

# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	04:00:00	0.000	1424	1451	1526	1539
2023/01/02	04:02:00	0.000	1418	1457	1539	1554
2023/01/02	04:04:00	0.000	1415	1458	1540	1560
2023/01/02	04:06:00	0.000	1438	1467	1537	1561
2023/01/02	04:08:00	0.000	1428	1464	1547	1568
2023/01/02	04:10:00	0.000	1418	1453	1535	1568
2023/01/02	04:12:00	0.000	1420	1453	1528	1537
2023/01/02	04:14:00	0.000	1419	1445	1510	1533
2023/01/02	04:16:00	0.000	1404	1442	1510	1527
2023/01/02	04:18:00	0.000	1393	1448	1527	1543
2023/01/02	04:20:00	0.000	1415	1450	1534	1556
2023/01/02	04:22:00	0.000	1433	1459	1555	1580
2023/01/02	04:24:00	0.000	1433	1462	1545	1582
2023/01/02	04:26:00	0.000	1431	1467	1545	1561
2023/01/02	04:28:00	0.000	1430	1463	1553	1561
2023/01/02	04:30:00	0.000	1430	1463	1526	1553
2023/01/02	04:32:00	0.000	1423	1468	1526	1542
2023/01/02	04:34:00	0.000	1398	1446	1506	1529
2023/01/02	04:36:00	0.000	1396	1427	1507	1515
2023/01/02	04:38:00	0.000	1380	1419	1507	1518
2023/01/02	04:40:00	0.000	1372	1409	1517	1531
2023/01/02	04:42:00	0.000	1384	1422	1523	1544
2023/01/02	04:44:00	0.000	1400	1435	1543	1555
2023/01/02	04:46:00	0.000	1405	1437	1555	1580
2023/01/02	04:48:00	0.000	1388	1428	1548	1579
2023/01/02	04:50:00	0.000	1387	1422	1535	1548
2023/01/02	04:52:00	0.000	1388	1425	1525	1561
2023/01/02	04:54:00	0.000	1400	1434	1512	1527
2023/01/02	04:56:00	0.000	1414	1452	1520	1560
2023/01/02	04:58:00	0.000	1429	1461	1545	1561
2023/01/02	05:00:00	0.000	1417	1457	1558	1571
2023/01/02	05:02:00	0.000	1416	1449	1520	1570
2023/01/02	05:04:00	0.000	1409	1442	1506	1544
2023/01/02	05:06:00	0.000	1411	1453	1508	1553
2023/01/02	05:08:00	0.000	1416	1457	1553	1582
2023/01/02	05:10:00	0.000	1430	1463	1549	1580
2023/01/02	05:12:00	0.000	1441	1470	1527	1560
2023/01/02	05:14:00	0.000	1437	1473	1557	1566
2023/01/02	05:16:00	0.000	1435	1466	1495	1567
2023/01/02	05:18:00	0.000	1425	1461	1496	1541

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	05:20:00	0.000	1431	1456	1541	1552
2023/01/02	05:22:00	0.000	1419	1448	1512	1547
2023/01/02	05:24:00	0.000	1415	1456	1547	1572
2023/01/02	05:26:00	0.000	1416	1460	1553	1572
2023/01/02	05:28:00	0.000	1441	1475	1561	1583
2023/01/02	05:30:00	0.000	1431	1471	1542	1579
2023/01/02	05:32:00	0.000	1424	1453	1512	1542
2023/01/02	05:34:00	0.000	1415	1451	1499	1522
2023/01/02	05:36:00	0.000	1413	1449	1522	1543
2023/01/02	05:38:00	0.000	1427	1453	1523	1551
2023/01/02	05:40:00	0.000	1425	1458	1516	1547
2023/01/02	05:42:00	0.000	1435	1468	1547	1613
2023/01/02	05:44:00	0.000	1417	1457	1541	1605
2023/01/02	05:46:00	0.000	1409	1453	1536	1545
2023/01/02	05:48:00	0.000	1387	1447	1514	1536
2023/01/02	05:50:00	0.000	1398	1435	1478	1514
2023/01/02	05:52:00	0.000	1397	1437	1494	1556
2023/01/02	05:54:00	0.000	1399	1432	1538	1551
2023/01/02	05:56:00	0.000	1398	1428	1539	1561
2023/01/02	05:58:00	0.000	1388	1424	1545	1564
2023/01/02	06:00:00	0.000	1394	1435	1542	1564
2023/01/02	06:02:00	0.000	1410	1440	1530	1561
2023/01/02	06:04:00	0.000	1407	1437	1510	1541
2023/01/02	06:06:00	0.000	1399	1437	1512	1537
2023/01/02	06:08:00	0.000	1398	1431	1537	1554
2023/01/02	06:10:00	0.000	1406	1438	1540	1550
2023/01/02	06:12:00	0.000	1404	1443	1550	1586
2023/01/02	06:14:00	0.000	1416	1442	1549	1590
2023/01/02	06:16:00	0.000	1398	1441	1520	1549
2023/01/02	06:18:00	0.000	1398	1441	1516	1534
2023/01/02	06:20:00	0.000	1406	1438	1521	1539
2023/01/02	06:22:00	0.000	1400	1435	1536	1540
2023/01/02	06:24:00	0.000	1392	1428	1539	1553
2023/01/02	06:26:00	0.000	1400	1428	1535	1546
2023/01/02	06:28:00	0.000	1402	1436	1545	1557
2023/01/02	06:30:00	0.000	1390	1439	1541	1560
2023/01/02	06:32:00	0.000	1396	1434	1533	1547
2023/01/02	06:34:00	0.000	1402	1435	1541	1552
2023/01/02	06:36:00	0.000	1403	1433	1541	1552
2023/01/02	06:38:00	0.000	1404	1437	1542	1557

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	06:40:00	0.000	1402	1433	1541	1549
2023/01/02	06:42:00	0.000	1398	1444	1540	1550
2023/01/02	06:44:00	0.000	1410	1441	1537	1545
2023/01/02	06:46:00	0.000	1415	1450	1543	1551
2023/01/02	06:48:00	0.000	1417	1457	1550	1561
2023/01/02	06:50:00	0.000	1428	1453	1542	1561
2023/01/02	06:52:00	0.000	1435	1470	1537	1556
2023/01/02	06:54:00	0.000	1417	1454	1512	1556
2023/01/02	06:56:00	0.000	1409	1445	1502	1521
2023/01/02	06:58:00	0.000	1395	1433	1512	1527
2023/01/02	07:00:00	0.000	1379	1426	1514	1538
2023/01/02	07:02:00	0.000	1357	1407	1514	1526
2023/01/02	07:04:00	0.000	1342	1408	1520	1528
2023/01/02	07:06:00	0.000	1383	1420	1524	1556
2023/01/02	07:08:00	0.000	1368	1425	1539	1572
2023/01/02	07:10:00	0.000	1369	1409	1499	1547
2023/01/02	07:12:00	0.000	1377	1411	1504	1555
2023/01/02	07:14:00	0.000	1372	1409	1545	1556
2023/01/02	07:16:00	0.000	1374	1406	1530	1545
2023/01/02	07:18:00	0.000	1356	1407	1528	1545
2023/01/02	07:20:00	0.000	1383	1422	1528	1574
2023/01/02	07:22:00	0.000	1381	1428	1574	1605
2023/01/02	07:24:00	0.000	1401	1435	1577	1598
2023/01/02	07:26:00	0.000	1416	1443	1569	1580
2023/01/02	07:28:00	0.000	1417	1446	1549	1580
2023/01/02	07:30:00	0.000	1398	1437	1509	1553
2023/01/02	07:32:00	0.000	1383	1421	1496	1509
2023/01/02	07:34:00	0.000	1392	1428	1506	1537
2023/01/02	07:36:00	0.000	1393	1438	1525	1550
2023/01/02	07:38:00	0.000	1411	1448	1550	1569
2023/01/02	07:40:00	0.000	1426	1455	1568	1591
2023/01/02	07:42:00	0.000	1411	1458	1532	1584
2023/01/02	07:44:00	0.000	1414	1442	1515	1533
2023/01/02	07:46:00	0.000	1399	1427	1504	1524
2023/01/02	07:48:00	0.000	1384	1433	1502	1520
2023/01/02	07:50:00	0.000	1405	1446	1510	1562
2023/01/02	07:52:00	0.000	1421	1452	1562	1598
2023/01/02	07:54:00	0.000	1387	1439	1543	1572
2023/01/02	07:56:00	0.000	1381	1412	1484	1543
2023/01/02	07:58:00	0.000	1382	1421	1484	1515

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	08:00:00	0.000	1390	1424	1512	1537
2023/01/02	08:02:00	0.000	1400	1438	1537	1567
2023/01/02	08:04:00	0.000	1387	1421	1555	1566
2023/01/02	08:06:00	0.000	1367	1412	1535	1558
2023/01/02	08:08:00	0.000	1355	1400	1501	1535
2023/01/02	08:10:00	0.000	1356	1400	1499	1547
2023/01/02	08:12:00	0.000	1353	1400	1546	1560
2023/01/02	08:14:00	0.000	1354	1400	1547	1564
2023/01/02	08:16:00	0.000	1358	1399	1563	1570
2023/01/02	08:18:00	0.000	1353	1394	1510	1569
2023/01/02	08:20:00	0.000	1363	1403	1504	1523
2023/01/02	08:22:00	0.000	1383	1413	1523	1537
2023/01/02	08:24:00	0.000	1382	1417	1534	1542
2023/01/02	08:26:00	0.000	1383	1421	1542	1576
2023/01/02	08:28:00	0.000	1375	1424	1552	1566
2023/01/02	08:30:00	0.000	1392	1422	1545	1569
2023/01/02	08:32:00	0.000	1402	1431	1556	1574
2023/01/02	08:34:00	0.000	1396	1431	1537	1561
2023/01/02	08:36:00	0.000	1386	1427	1534	1551
2023/01/02	08:38:00	0.000	1391	1422	1514	1550
2023/01/02	08:40:00	0.000	1392	1421	1499	1525
2023/01/02	08:42:00	0.000	1383	1417	1496	1514
2023/01/02	08:44:00	0.000	1392	1423	1514	1553
2023/01/02	08:46:00	0.000	1394	1430	1553	1580
2023/01/02	08:48:00	0.000	1387	1421	1549	1588
2023/01/02	08:50:00	0.000	1388	1428	1535	1549
2023/01/02	08:52:00	0.000	1390	1419	1537	1542
2023/01/02	08:54:00	0.000	1403	1431	1526	1543
2023/01/02	08:56:00	0.000	1406	1437	1515	1537
2023/01/02	08:58:00	0.000	1406	1439	1535	1568
2023/01/02	09:00:00	0.000	1410	1441	1554	1573
2023/01/02	09:02:00	0.000	1409	1444	1570	1580
2023/01/02	09:04:00	0.000	1407	1449	1531	1570
2023/01/02	09:06:00	0.000	1411	1450	1521	1541
2023/01/02	09:08:00	0.000	1419	1448	1534	1547
2023/01/02	09:10:00	0.000	1422	1458	1533	1542
2023/01/02	09:12:00	0.000	1432	1463	1537	1551
2023/01/02	09:14:00	0.000	1409	1451	1516	1545
2023/01/02	09:16:00	0.000	1387	1431	1510	1527
2023/01/02	09:18:00	0.000	1369	1424	1519	1534

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	09:20:00	0.000	1353	1401	1515	1535
2023/01/02	09:22:00	0.000	1354	1400	1534	1549
2023/01/02	09:24:00	0.000	1354	1394	1537	1543
2023/01/02	09:26:00	0.000	1358	1396	1537	1544
2023/01/02	09:28:00	0.000	1361	1412	1543	1564
2023/01/02	09:30:00	0.000	1383.000	1441.000	1564.000	1591.000
2023/01/02	09:32:00	0.000	1411.000	1452.000	1580.000	1589.000
2023/01/02	09:34:00	0.000	1414	1457	1570	1581
2023/01/02	09:36:00	0.000	1413	1448	1525	1570
2023/01/02	09:38:00	0.000	1415	1445	1530	1535
2023/01/02	09:40:00	0.000	1415	1442	1518	1533
2023/01/02	09:42:00	0.000	1402	1439	1497	1518
2023/01/02	09:44:00	0.000	1409	1437	1510	1578
2023/01/02	09:46:00	0.000	1424	1457	1578	1594
2023/01/02	09:48:00	0.000	1439	1468	1568	1580
2023/01/02	09:50:00	0.000	1438	1468	1535	1570
2023/01/02	09:52:00	0.000	1428	1460	1523	1535
2023/01/02	09:54:00	0.000	1421	1448	1499	1523
2023/01/02	09:56:00	0.000	1410	1448	1501	1541
2023/01/02	09:58:00	0.000	1411	1441	1503	1545
2023/01/02	10:00:00	0.000	1409	1446	1516	1539
2023/01/02	10:02:00	0.000	1419	1450	1531	1572
2023/01/02	10:04:00	0.000	1420	1452	1570	1591
2023/01/02	10:06:00	0.000	1415	1460	1536	1574
2023/01/02	10:08:00	0.000	1428	1457	1528	1554
2023/01/02	10:10:00	0.000	1433	1465	1526	1548
2023/01/02	10:12:00	0.000	1424	1460	1514	1531
2023/01/02	10:14:00	0.000	1433	1466	1502	1527
2023/01/02	10:16:00	0.000	1437	1464	1512	1531
2023/01/02	10:18:00	0.000	1428	1462	1510	1560
2023/01/02	10:20:00	0.000	1431	1470	1560	1574
2023/01/02	10:22:00	0.000	1442	1479	1555	1574
2023/01/02	10:24:00	0.000	1419	1461	1550	1562
2023/01/02	10:26:00	0.000	1393	1434	1500	1550
2023/01/02	10:28:00	0.000	1368	1417	1492	1512
2023/01/02	10:30:00	0.000	1372	1411	1500	1533
2023/01/02	10:32:00	0.000	1377	1424	1533	1560
2023/01/02	10:34:00	0.000	1388	1426	1547	1567
2023/01/02	10:36:00	0.000	1391	1434	1539	1572
2023/01/02	10:38:00	0.000	1384	1425	1524	1539



# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	10:40:00	0.000	1380	1422	1512	1527
2023/01/02	10:42:00	0.000	1399	1431	1516	1564
2023/01/02	10:44:00	0.000	1396	1432	1560	1571
2023/01/02	10:46:00	0.000	1399	1430	1554	1566
2023/01/02	10:48:00	0.000	1405	1440	1541	1564
2023/01/02	10:50:00	0.000	1421	1460	1536	1556
2023/01/02	10:52:00	0.000	1437	1465	1555	1580
2023/01/02	10:54:00	0.000	1428	1462	1528	1586
2023/01/02	10:56:00	0.000	1405	1451	1498	1528
2023/01/02	10:58:00	0.000	1409	1438	1495	1515
2023/01/02	11:00:00	0.000	1414	1445	1515	1549
2023/01/02	11:02:00	0.000	1424	1454	1549	1564
2023/01/02	11:04:00	0.000	1423	1464	1563	1566
2023/01/02	11:06:00	0.000	1441	1464	1559	1566
2023/01/02	11:08:00	0.000	1431	1471	1545	1571
2023/01/02	11:10:00	0.000	1441	1468	1516	1545
2023/01/02	11:12:00	0.000	1423	1456	1513	1528
2023/01/02	11:14:00	0.000	1414	1451	1515	1570
2023/01/02	11:16:00	0.000	1407	1444	1570	1582
2023/01/02	11:18:00	0.000	1396	1437	1547	1576
2023/01/02	11:20:00	0.000	1413	1445	1485	1547
2023/01/02	11:22:00	0.000	1422	1450	1494	1549
2023/01/02	11:24:00	0.000	1417	1458	1537	1549
2023/01/02	11:26:00	0.000	1432	1470	1539	1553
2023/01/02	11:28:00	0.000	1417	1465	1549	1561
2023/01/02	11:30:00	0.000	1406	1446	1550	1558
2023/01/02	11:32:00	0.000	1420	1459	1551	1576
2023/01/02	11:34:00	0.000	1418	1451	1545	1580
2023/01/02	11:36:00	0.000	1417	1459	1531	1547
2023/01/02	11:38:00	0.000	1388	1438	1494	1531
2023/01/02	11:40:00	0.000	1368	1404	1491	1523
2023/01/02	11:42:00	0.000	1345	1404	1515	1531
2023/01/02	11:44:00	0.000	1369	1423	1521	1539
2023/01/02	11:46:00	0.000	1392	1435	1539	1575
2023/01/02	11:48:00	0.000	1403	1445	1575	1598
2023/01/02	11:50:00	0.000	1428	1465	1578	1593
2023/01/02	11:52:00	0.000	1445	1477	1567	1583
2023/01/02	11:54:00	0.000	1464	1495	1535	1578
2023/01/02	11:56:00	0.000	1473	1501	1526	1540
2023/01/02	11:58:00	0.000	1483	1508	1539	1574

# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	12:00:00	0.000	1486	1522	1519	1574
2023/01/02	12:02:00	0.000	1497	1527	1512	1526
2023/01/02	12:04:00	0.000	1493	1516	1506	1559
2023/01/02	12:06:00	0.000	1493	1518	1559	1581
2023/01/02	12:08:00	0.000	1489	1518	1553	1576
2023/01/02	12:10:00	0.000	1484	1518	1540	1554
2023/01/02	12:12:00	0.000	1482	1516	1513	1558
2023/01/02	12:14:00	0.000	1481	1507	1505	1532
2023/01/02	12:16:00	0.000	1479	1508	1520	1541
2023/01/02	12:18:00	0.000	1479	1504	1528	1545
2023/01/02	12:20:00	0.000	1477	1503	1531	1549
2023/01/02	12:22:00	0.000	1474	1503	1513	1537
2023/01/02	12:24:00	0.000	1458	1488	1526	1551
2023/01/02	12:26:00	0.000	1473	1503	1528	1588
2023/01/02	12:28:00	0.000	1477	1499	1540	1591
2023/01/02	12:30:00	0.000	1481	1512	1527	1543
2023/01/02	12:32:00	0.000	1478	1521	1525	1548
2023/01/02	12:34:00	0.000	1488	1516	1548	1557
2023/01/02	12:36:00	0.000	1484	1512	1551	1569
2023/01/02	12:38:00	0.000	1490	1512	1523	1558
2023/01/02	12:40:00	0.000	1493	1528	1518	1523
2023/01/02	12:42:00	0.000	1506	1538	1522	1550
2023/01/02	12:44:00	0.000	1483	1531	1539	1553
2023/01/02	12:46:00	0.000	1474	1509	1525	1539
2023/01/02	12:48:00	0.000	1455	1499	1502	1526
2023/01/02	12:50:00	0.000	1445	1486	1516	1548
2023/01/02	12:52:00	0.000	1444	1473	1531	1547
2023/01/02	12:54:00	0.000	1439	1469	1517	1533
2023/01/02	12:56:00	0.000	1433	1469	1525	1545
2023/01/02	12:58:00	0.000	1428	1458	1527	1574
2023/01/02	13:00:00	0.000	1421	1468	1566	1576
2023/01/02	13:02:00	0.000	1448	1489	1558	1577
2023/01/02	13:04:00	0.000	1462	1493	1547	1568
2023/01/02	13:06:00	0.000	1471	1503	1539	1553
2023/01/02	13:08:00	0.000	1477	1505	1541	1559
2023/01/02	13:10:00	0.000	1486	1515	1533	1571
2023/01/02	13:12:00	0.000	1479	1507	1526	1551
2023/01/02	13:14:00	0.000	1472	1499	1499	1526
2023/01/02	13:16:00	0.000	1469	1497	1501	1528
2023/01/02	13:18:00	0.000	1485	1521	1520	1581

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	13:20:00	0.000	1502	1538	1577	1591
2023/01/02	13:22:00	0.000	1518	1547	1561	1591
2023/01/02	13:24:00	0.000	1501	1532	1514	1565
2023/01/02	13:26:00	0.000	1475	1516	1489	1522
2023/01/02	13:28:00	0.000	1475	1499	1491	1516
2023/01/02	13:30:00	0.000	1471	1506	1515	1534
2023/01/02	13:32:00	0.000	1486	1519	1534	1549
2023/01/02	13:34:00	0.000	1510	1538	1549	1609
2023/01/02	13:36:00	0.000	1512	1538	1581	1601
2023/01/02	13:38:00	0.000	1517	1539	1545	1583
2023/01/02	13:40:00	0.000	1506	1545	1523	1553
2023/01/02	13:42:00	0.000	1493	1529	1523	1545
2023/01/02	13:44:00	0.000	1486	1510	1481	1527
2023/01/02	13:46:00	0.000	1489	1518	1491	1529
2023/01/02	13:48:00	0.000	1493	1527	1529	1570
2023/01/02	13:50:00	0.000	1497	1541	1557	1571
2023/01/02	13:52:00	0.000	1523	1560	1553	1589
2023/01/02	13:54:00	0.000	1502	1548	1541	1587
2023/01/02	13:56:00	0.000	1480	1508	1475	1541
2023/01/02	13:58:00	0.000	1455	1497	1444	1506
2023/01/02	14:00:00	0.000	1437	1479	1506	1539
2023/01/02	14:02:00	0.000	1435	1471	1539	1566
2023/01/02	14:04:00	0.000	1441	1477	1557	1591
2023/01/02	14:06:00	0.000	1451	1482	1543	1572
2023/01/02	14:08:00	0.000	1460	1488	1529	1560
2023/01/02	14:10:00	0.000	1460	1498	1527	1536
2023/01/02	14:12:00	0.000	1472	1508	1527	1561
2023/01/02	14:14:00	0.000	1468	1497	1550	1570
2023/01/02	14:16:00	0.000	1457	1484	1529	1566
2023/01/02	14:18:00	0.000	1455	1479	1510	1529
2023/01/02	14:20:00	0.000	1459	1493	1502	1545
2023/01/02	14:22:00	0.000	1471	1508	1518	1544
2023/01/02	14:24:00	0.000	1482	1514	1527	1607
2023/01/02	14:26:00	0.000	1487	1523	1537	1606
2023/01/02	14:28:00	0.000	1472	1508	1556	1580
2023/01/02	14:30:00	0.000	1464	1505	1534	1556
2023/01/02	14:32:00	0.000	1457	1502	1531	1553
2023/01/02	14:34:00	0.000	1460	1499	1502	1531
2023/01/02	14:36:00	0.000	1457	1488	1485	1521
2023/01/02	14:38:00	0.000	1452	1494	1485	1568

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	14:40:00	0.000	1460	1497	1568	1572
2023/01/02	14:42:00	0.000	1471	1504	1567	1574
2023/01/02	14:44:00	0.000	1476	1507	1522	1574
2023/01/02	14:46:00	0.000	1475	1510	1528	1572
2023/01/02	14:48:00	0.000	1484	1516	1513	1568
2023/01/02	14:50:00	0.000	1480	1509	1522	1544
2023/01/02	14:52:00	0.000	1480	1507	1539	1549
2023/01/02	14:54:00	0.000	1475	1506	1515	1545
2023/01/02	14:56:00	0.000	1475	1501	1506	1523
2023/01/02	14:58:00	0.000	1476	1505	1510	1566
2023/01/02	15:00:00	0.000	1473	1505	1554	1575
2023/01/02	15:02:00	0.000	1477	1512	1555	1575
2023/01/02	15:04:00	0.000	1453	1492	1539	1566
2023/01/02	15:06:00	0.000	1451	1480	1464	1539
2023/01/02	15:08:00	0.000	1438	1469	1485	1502
2023/01/02	15:10:00	0.000	1427	1464	1502	1527
2023/01/02	15:12:00	0.000	1428	1461	1522	1556
2023/01/02	15:14:00	0.000	1420	1457	1549	1566
2023/01/02	15:16:00	0.000	1420	1454	1566	1576
2023/01/02	15:18:00	0.000	1409	1449	1515	1573
2023/01/02	15:20:00	0.000	1417	1463	1515	1538
2023/01/02	15:22:00	0.000	1438	1465	1535	1543
2023/01/02	15:24:00	0.000	1445	1472	1531	1542
2023/01/02	15:26:00	0.000	1445	1475	1542	1551
2023/01/02	15:28:00	0.000	1436	1471	1545	1553
2023/01/02	15:30:00	0.000	1449	1478	1539	1547
2023/01/02	15:32:00	0.000	1449	1473	1545	1553
2023/01/02	15:34:00	0.000	1438	1477	1539	1551
2023/01/02	15:36:00	0.000	1439	1471	1539	1551
2023/01/02	15:38:00	0.000	1442	1475	1528	1550
2023/01/02	15:40:00	0.000	1428	1471	1526	1547
2023/01/02	15:42:00	0.000	1437	1472	1546	1552
2023/01/02	15:44:00	0.000	1435	1471	1533	1546
2023/01/02	15:46:00	0.000	1433	1461	1533	1546
2023/01/02	15:48:00	0.000	1421	1467	1537	1553
2023/01/02	15:50:00	0.000	1431	1463	1528	1546
2023/01/02	15:52:00	0.000	1431	1464	1515	1533
2023/01/02	15:54:00	0.000	1428	1463	1500	1537
2023/01/02	15:56:00	0.000	1428	1462	1533	1547
2023/01/02	15:58:00	0.000	1424	1461	1537	1566

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	16:00:00	0.000	1421	1457	1553	1572
2023/01/02	16:02:00	0.000	1426	1457	1561	1574
2023/01/02	16:04:00	0.000	1427	1455	1544	1563
2023/01/02	16:06:00	0.000	1429	1460	1528	1559
2023/01/02	16:08:00	0.000	1428	1471	1522	1534
2023/01/02	16:10:00	0.000	1454	1480	1534	1560
2023/01/02	16:12:00	0.000	1464	1490	1553	1569
2023/01/02	16:14:00	0.000	1446	1488	1526	1563
2023/01/02	16:16:00	0.000	1405	1463	1488	1526
2023/01/02	16:18:00	0.000	1397	1431	1494	1504
2023/01/02	16:20:00	0.000	1377	1416	1497	1531
2023/01/02	16:22:00	0.000	1394	1451	1531	1567
2023/01/02	16:24:00	0.000	1397	1443	1541	1566
2023/01/02	16:26:00	0.000	1368	1415	1521	1554
2023/01/02	16:28:00	0.000	1393	1429	1522	1541
2023/01/02	16:30:00	0.000	1406	1452	1541	1579
2023/01/02	16:32:00	0.000	1421	1462	1554	1596
2023/01/02	16:34:00	0.000	1435	1465	1555	1577
2023/01/02	16:36:00	0.000	1434	1464	1529	1555
2023/01/02	16:38:00	0.000	1426	1454	1530	1543
2023/01/02	16:40:00	0.000	1428	1461	1528	1544
2023/01/02	16:42:00	0.000	1428	1456	1516	1530
2023/01/02	16:44:00	0.000	1421	1451	1512	1539
2023/01/02	16:46:00	0.000	1415	1452	1539	1556
2023/01/02	16:48:00	0.000	1431	1463	1545	1580
2023/01/02	16:50:00	0.000	1440	1475	1559	1593
2023/01/02	16:52:00	0.000	1449	1479	1557	1569
2023/01/02	16:54:00	0.000	1451	1477	1539	1566
2023/01/02	16:56:00	0.000	1439	1483	1528	1541
2023/01/02	16:58:00	0.000	1429	1462	1512	1528
2023/01/02	17:00:00	0.000	1416	1448	1502	1516
2023/01/02	17:02:00	0.000	1409	1451	1512	1542
2023/01/02	17:04:00	0.000	1424	1457	1541	1562
2023/01/02	17:06:00	0.000	1434	1459	1562	1578
2023/01/02	17:08:00	0.000	1431	1466	1551	1575
2023/01/02	17:10:00	0.000	1433	1465	1532	1551
2023/01/02	17:12:00	0.000	1428	1472	1532	1559
2023/01/02	17:14:00	0.000	1435	1465	1534	1560
2023/01/02	17:16:00	0.000	1441	1473	1531	1545
2023/01/02	17:18:00	0.000	1441	1474	1530	1551

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	17:20:00	0.000	1446	1480	1547	1580
2023/01/02	17:22:00	0.000	1460	1486	1541	1569
2023/01/02	17:24:00	0.000	1421	1479	1513	1545
2023/01/02	17:26:00	0.000	1391	1441	1483	1513
2023/01/02	17:28:00	0.000	1385	1425	1489	1527
2023/01/02	17:30:00	0.000	1391	1428	1527	1542
2023/01/02	17:32:00	0.000	1396	1435	1527	1560
2023/01/02	17:34:00	0.000	1400	1435	1535	1558
2023/01/02	17:36:00	0.000	1394	1434	1542	1552
2023/01/02	17:38:00	0.000	1383	1425	1537	1546
2023/01/02	17:40:00	0.000	1388	1421	1536	1542
2023/01/02	17:42:00	0.000	1394	1449	1522	1541
2023/01/02	17:44:00	0.000	1428	1465	1531	1591
2023/01/02	17:46:00	0.000	1424	1464	1543	1604
2023/01/02	17:48:00	0.000	1409	1451	1528	1543
2023/01/02	17:50:00	0.000	1400	1434	1501	1528
2023/01/02	17:52:00	0.000	1417	1457	1520	1544
2023/01/02	17:54:00	0.000	1435	1472	1539	1566
2023/01/02	17:56:00	0.000	1433	1460	1520	1558
2023/01/02	17:58:00	0.000	1430	1462	1520	1573
2023/01/02	18:00:00	0.000	1425	1452	1548	1573
2023/01/02	18:02:00	0.000	1414	1447	1511	1558
2023/01/02	18:04:00	0.000	1406	1441	1504	1526
2023/01/02	18:06:00	0.000	1415	1450	1526	1565
2023/01/02	18:08:00	0.000	1424	1461	1565	1582
2023/01/02	18:10:00	0.000	1435	1464	1564	1584
2023/01/02	18:12:00	0.000	1428	1458	1516	1564
2023/01/02	18:14:00	0.000	1421	1452	1512	1527
2023/01/02	18:16:00	0.000	1419	1449	1507	1523
2023/01/02	18:18:00	0.000	1407	1442	1523	1596
2023/01/02	18:20:00	0.000	1412	1439	1542	1596
2023/01/02	18:22:00	0.000	1404	1435	1527	1550
2023/01/02	18:24:00	0.000	1409	1446	1528	1551
2023/01/02	18:26:00	0.000	1419	1448	1537	1554
2023/01/02	18:28:00	0.000	1407	1448	1526	1554
2023/01/02	18:30:00	0.000	1419	1452	1535	1556
2023/01/02	18:32:00	0.000	1424	1457	1556	1572
2023/01/02	18:34:00	0.000	1413	1454	1542	1560
2023/01/02	18:36:00	0.000	1387	1439	1533	1546
2023/01/02	18:38:00	0.000	1386	1424	1502	1533

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	18:40:00	0.000	1374	1409	1494	1510
2023/01/02	18:42:00	0.000	1365	1400	1502	1528
2023/01/02	18:44:00	0.000	1341	1386	1524	1549
2023/01/02	18:46:00	0.000	1343	1386	1527	1549
2023/01/02	18:48:00	0.000	1343	1382	1523	1533
2023/01/02	18:50:00	0.000	1338	1394	1526	1568
2023/01/02	18:52:00	0.000	1365	1418	1568	1588
2023/01/02	18:54:00	0.000	1388	1428	1554	1593
2023/01/02	18:56:00	0.000	1392	1433	1553	1572
2023/01/02	18:58:00	0.000	1388	1421	1539	1568
2023/01/02	19:00:00	0.000	1396	1428	1544	1575
2023/01/02	19:02:00	0.000	1383	1425	1543	1563
2023/01/02	19:04:00	0.000	1378	1419	1517	1543
2023/01/02	19:06:00	0.000	1370	1411	1487	1517
2023/01/02	19:08:00	0.000	1384	1411	1496	1544
2023/01/02	19:10:00	0.000	1394	1435	1544	1599
2023/01/02	19:12:00	0.000	1411	1452	1586	1599
2023/01/02	19:14:00	0.000	1402	1435	1528	1586
2023/01/02	19:16:00	0.000	1384	1418	1480	1528
2023/01/02	19:18:00	0.000	1375	1413	1481	1515
2023/01/02	19:20:00	0.000	1375	1427	1515	1568
2023/01/02	19:22:00	0.000	1404	1439	1563	1591
2023/01/02	19:24:00	0.000	1379	1417	1545	1584
2023/01/02	19:26:00	0.000	1361	1407	1515	1568
2023/01/02	19:28:00	0.000	1373	1408	1501	1515
2023/01/02	19:30:00	0.000	1389	1424	1502	1555
2023/01/02	19:32:00	0.000	1396	1431	1555	1582
2023/01/02	19:34:00	0.000	1406	1433	1561	1581
2023/01/02	19:36:00	0.000	1400	1438	1559	1566
2023/01/02	19:38:00	0.000	1394	1428	1534	1559
2023/01/02	19:40:00	0.000	1391	1424	1509	1537
2023/01/02	19:42:00	0.000	1402	1430	1512	1523
2023/01/02	19:44:00	0.000	1362	1419	1514	1523
2023/01/02	19:46:00	0.000	1345	1390	1517	1531
2023/01/02	19:48:00	0.000	1335	1385	1510	1531
2023/01/02	19:50:00	0.000	1349	1388	1510	1544
2023/01/02	19:52:00	0.000	1357	1405	1537	1563
2023/01/02	19:54:00	0.000	1336	1392	1549	1567
2023/01/02	19:56:00	0.000	1324	1374	1514	1549
2023/01/02	19:58:00	0.000	1328	1372	1508	1538

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	20:00:00	0.000	1334	1384	1537	1561
2023/01/02	20:02:00	0.000	1358	1405	1561	1586
2023/01/02	20:04:00	0.000	1377	1417	1570	1587
2023/01/02	20:06:00	0.000	1383	1417	1558	1573
2023/01/02	20:08:00	0.000	1358	1404	1512	1560
2023/01/02	20:10:00	0.000	1359	1400	1502	1518
2023/01/02	20:12:00	0.000	1362	1410	1518	1549
2023/01/02	20:14:00	0.000	1389	1428	1549	1566
2023/01/02	20:16:00	0.000	1370	1431	1553	1569
2023/01/02	20:18:00	0.000	1376	1415	1545	1558
2023/01/02	20:20:00	0.000	1360	1403	1537	1553
2023/01/02	20:22:00	0.000	1350	1411	1522	1539
2023/01/02	20:24:00	0.000	1383	1424	1535	1560
2023/01/02	20:26:00	0.000	1392	1427	1560	1569
2023/01/02	20:28:00	0.000	1381	1417	1537	1566
2023/01/02	20:30:00	0.000	1354	1403	1510	1537
2023/01/02	20:32:00	0.000	1355	1392	1495	1514
2023/01/02	20:34:00	0.000	1354	1404	1513	1538
2023/01/02	20:36:00	0.000	1372	1417	1538	1570
2023/01/02	20:38:00	0.000	1383	1430	1570	1585
2023/01/02	20:40:00	0.000	1369	1417	1535	1571
2023/01/02	20:42:00	0.000	1351	1398	1485	1535
2023/01/02	20:44:00	0.000	1355	1396	1489	1518
2023/01/02	20:46:00	0.000	1360	1409	1518	1551
2023/01/02	20:48:00	0.000	1374	1417	1549	1574
2023/01/02	20:50:00	0.000	1383	1433	1571	1575
2023/01/02	20:52:00	0.000	1406	1448	1570	1585
2023/01/02	20:54:00	0.000	1373	1428	1506	1579
2023/01/02	20:56:00	0.000	1342	1392	1475	1506
2023/01/02	20:58:00	0.000	1313	1361	1471	1495
2023/01/02	21:00:00	0.000	1309	1364	1495	1512
2023/01/02	21:02:00	0.000	1297	1356	1502	1531
2023/01/02	21:04:00	0.000	1311	1365	1531	1557
2023/01/02	21:06:00	0.000	1336	1369	1557	1578
2023/01/02	21:08:00	0.000	1329	1370	1563	1577
2023/01/02	21:10:00	0.000	1333	1380	1554	1576
2023/01/02	21:12:00	0.000	1345	1393	1550	1570
2023/01/02	21:14:00	0.000	1358	1401	1536	1564
2023/01/02	21:16:00	0.000	1358	1407	1537	1560
2023/01/02	21:18:00	0.000	1364	1402	1553	1566



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	21:20:00	0.000	1383	1425	1555	1566
2023/01/02	21:22:00	0.000	1388	1417	1541	1558
2023/01/02	21:24:00	0.000	1382	1416	1528	1541
2023/01/02	21:26:00	0.000	1391	1421	1535	1552
2023/01/02	21:28:00	0.000	1380	1417	1531	1542
2023/01/02	21:30:00	0.000	1382	1414	1535	1543
2023/01/02	21:32:00	0.000	1374	1416	1531	1545
2023/01/02	21:34:00	0.000	1377	1416	1525	1541
2023/01/02	21:36:00	0.000	1377	1407	1523	1535
2023/01/02	21:38:00	0.000	1374	1413	1522	1539
2023/01/02	21:40:00	0.000	1367	1406	1537	1550
2023/01/02	21:42:00	0.000	1367	1404	1527	1553
2023/01/02	21:44:00	0.000	1369	1406	1547	1562
2023/01/02	21:46:00	0.000	1361	1402	1543	1560
2023/01/02	21:48:00	0.000	1368	1400	1545	1566
2023/01/02	21:50:00	0.000	1358	1396	1528	1545
2023/01/02	21:52:00	0.000	1356	1398	1520	1541
2023/01/02	21:54:00	0.000	1368	1402	1523	1535
2023/01/02	21:56:00	0.000	1363	1394	1523	1534
2023/01/02	21:58:00	0.000	1361	1400	1523	1552
2023/01/02	22:00:00	0.000	1370	1400	1547	1563
2023/01/02	22:02:00	0.000	1362	1411	1553	1566
2023/01/02	22:04:00	0.000	1354	1398	1547	1566
2023/01/02	22:06:00	0.000	1335	1380	1528	1547
2023/01/02	22:08:00	0.000	1328	1366	1502	1539
2023/01/02	22:10:00	0.000	1315	1350	1499	1525
2023/01/02	22:12:00	0.000	1304	1349	1516	1528
2023/01/02	22:14:00	0.000	1311	1348	1517	1528
2023/01/02	22:16:00	0.000	1293	1347	1528	1550
2023/01/02	22:18:00	0.000	1311	1352	1533	1553
2023/01/02	22:20:00	0.000	1305	1351	1532	1551
2023/01/02	22:22:00	0.000	1299	1339	1532	1542
2023/01/02	22:24:00	0.000	1311	1366	1530	1556
2023/01/02	22:26:00	0.000	1337	1370	1555	1582
2023/01/02	22:28:00	0.000	1335	1372	1567	1582
2023/01/02	22:30:00	0.000	1321	1372	1551	1567
2023/01/02	22:32:00	0.000	1304	1354	1528	1558
2023/01/02	22:34:00	0.000	1281	1351	1497	1529
2023/01/02	22:36:00	0.000	1310	1365	1510	1549
2023/01/02	22:38:00	0.000	1322	1368	1545	1553

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

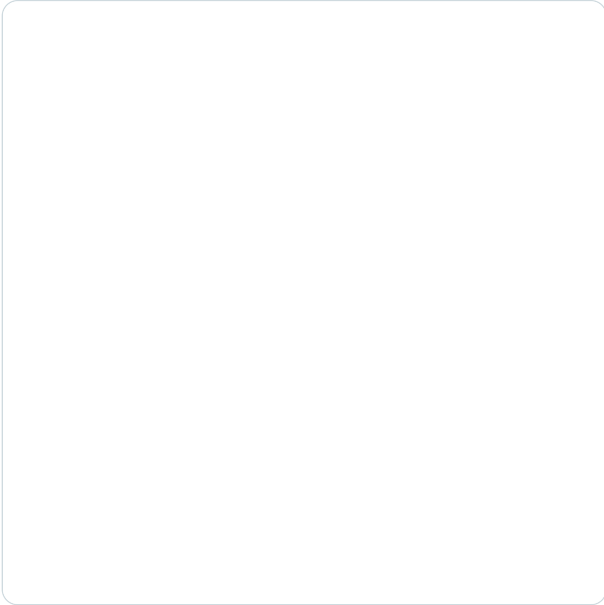
Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	22:40:00	0.000	1314	1367	1541	1553
2023/01/02	22:42:00	0.000	1295	1354	1518	1545
2023/01/02	22:44:00	0.000	1299	1346	1518	1521
2023/01/02	22:46:00	0.000	1289	1344	1521	1547
2023/01/02	22:48:00	0.000	1290	1338	1531	1539
2023/01/02	22:50:00	0.000	1285	1356	1527	1561
2023/01/02	22:52:00	0.000	1323	1363	1561	1591
2023/01/02	22:54:00	0.000	1317	1364	1564	1589
2023/01/02	22:56:00	0.000	1317	1351	1543	1569
2023/01/02	22:58:00	0.000	1295	1343	1515	1543
2023/01/02	23:00:00	0.000	1288	1336	1510	1516
2023/01/02	23:02:00	0.000	1254	1368	1511	1561
2023/01/02	23:04:00	0.000	1309	1370	1561	1589
2023/01/02	23:06:00	0.000	1278	1335	1528	1570
2023/01/02	23:08:00	0.000	1277	1327	1512	1529
2023/01/02	23:10:00	0.000	1291	1335	1510	1535
2023/01/02	23:12:00	0.000	1295	1339	1534	1553
2023/01/02	23:14:00	0.000	1303	1345	1550	1561
2023/01/02	23:16:00	0.000	1303	1354	1552	1569
2023/01/02	23:18:00	0.000	1304	1352	1551	1569
2023/01/02	23:20:00	0.000	1304	1355	1545	1553
2023/01/02	23:22:00	0.000	1316	1352	1545	1559
2023/01/02	23:24:00	0.000	1300	1344	1526	1558
2023/01/02	23:26:00	0.000	1281	1338	1497	1526
2023/01/02	23:28:00	0.000	1281	1332	1511	1526
2023/01/02	23:30:00	0.000	1255	1325	1520	1541
2023/01/02	23:32:00	0.000	1276	1332	1531	1541
2023/01/02	23:34:00	0.000	1298	1354	1541	1567
2023/01/02	23:36:00	0.000	1314	1358	1567	1595
2023/01/02	23:38:00	0.000	1316	1354	1540	1587
2023/01/02	23:40:00	0.000	1299	1354	1515	1540
2023/01/02	23:42:00	0.000	1299	1347	1512	1534
2023/01/02	23:44:00	0.000	1279	1338	1523	1535
2023/01/02	23:46:00	0.000	1291	1339	1516	1534
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2023/01/02	23:52:00	0.000	1289	1353	1558	1580
2023/01/02	23:54:00	0.000	1288	1345	1538	1561
2023/01/02	23:56:00	0.000	1297	1343	1534	1542
2023/01/02	23:58:00	0.000	1282	1342	1519	1537

Attachment C  
Highway 92 Closure Notifications

Caltrans District 4   
@CaltransD4 · [Follow](#)



[#TRAFFICALERT](#): State Route 84 (Niles Canyon Road) remains closed at Mission Blvd. (SR-238) between Fremont and Sunol (Alameda County) as crews continue to pump water from the roadway. Unknown on when highway will re-open.  
[#AlamedaCounty](#)



9:50 PM · Dec 31, 2022



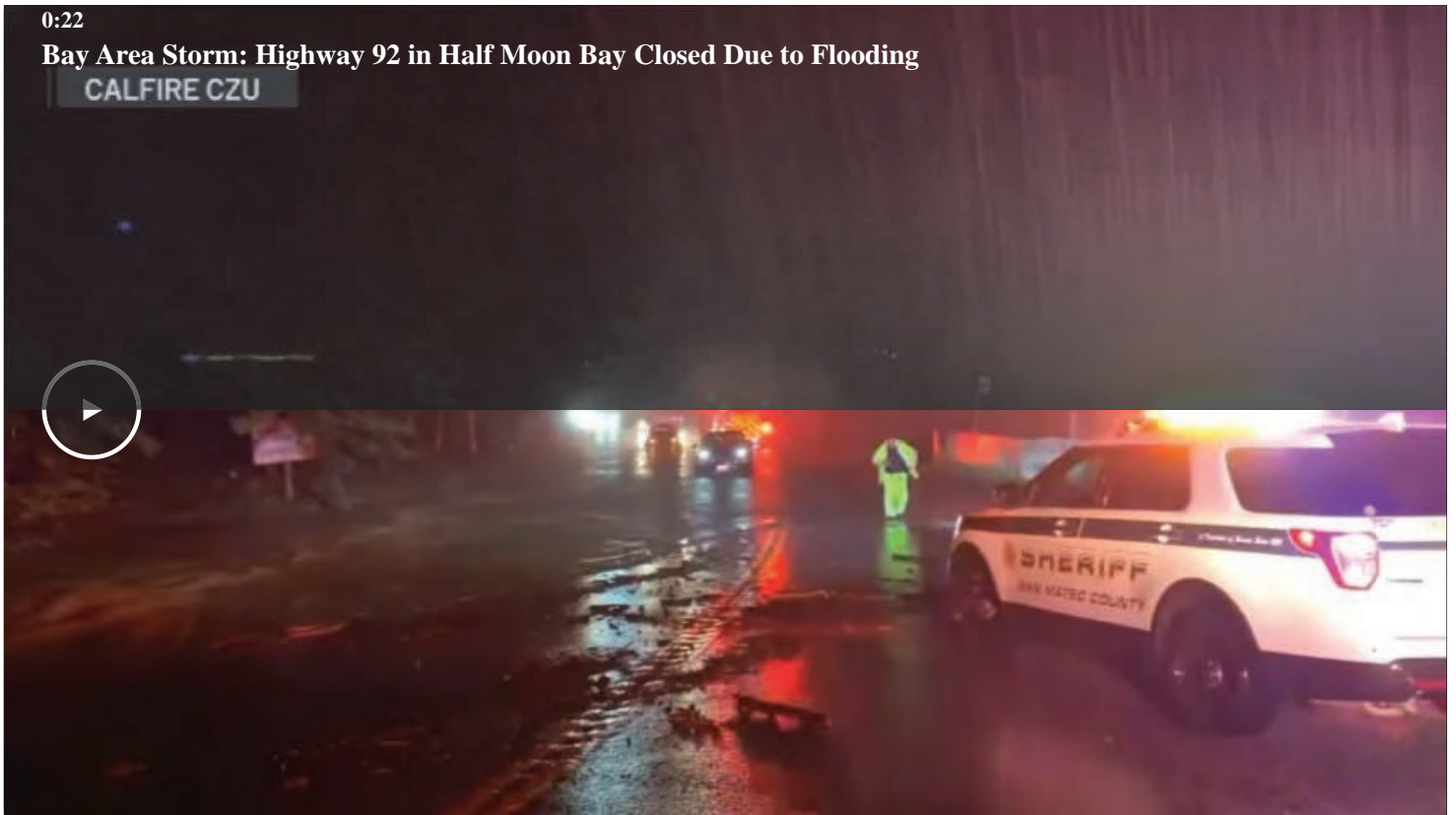
 10  Reply  Share

[Read more on Twitter](#)

Further south, a number of spots along Highway 1 in the Big Sur area are closed due to mudslides. Check traffic apps before leaving home, as your usual routes around Northern California today may be inaccessible.

## Highway 92 flooded in Half Moon Bay

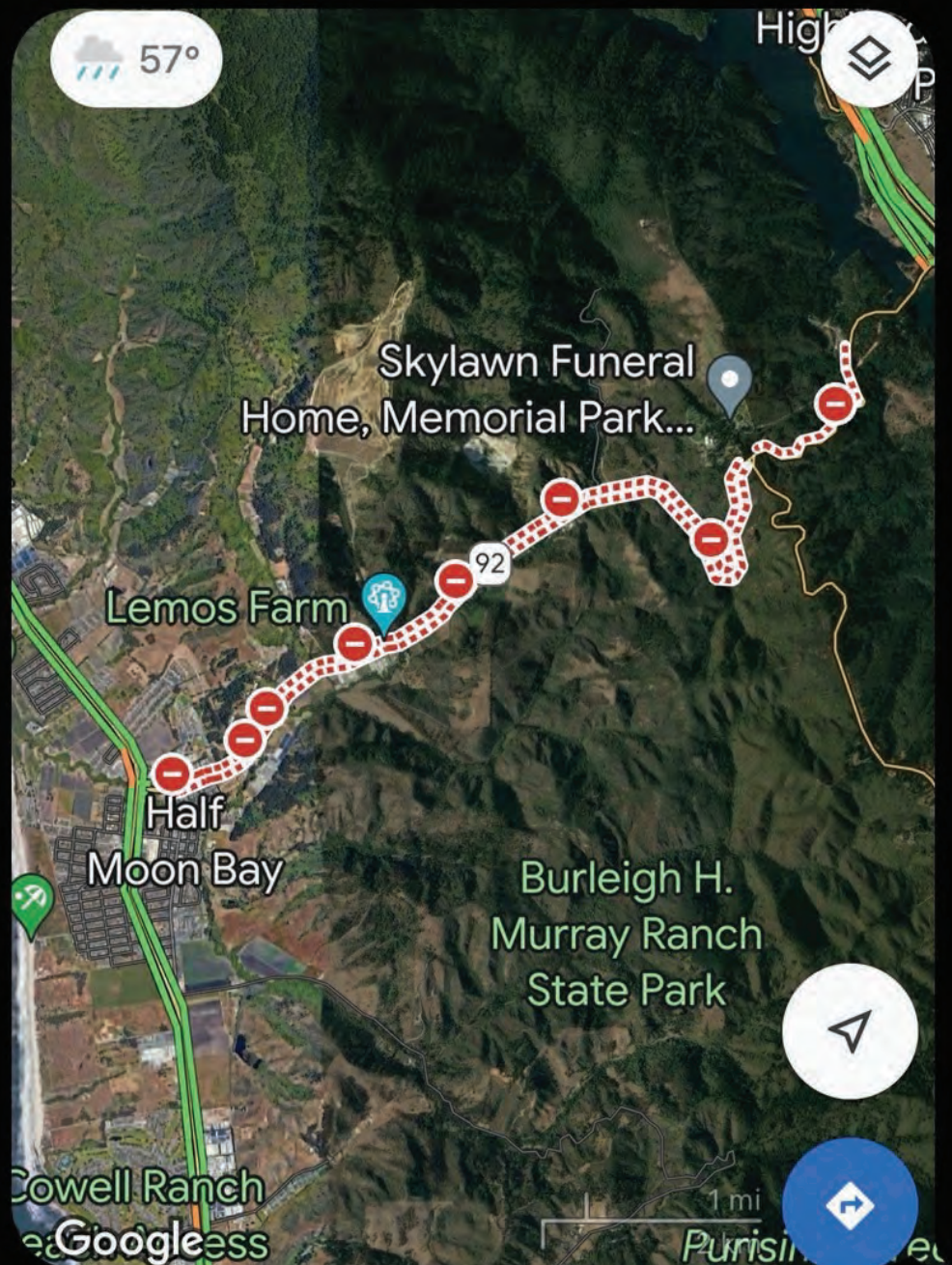
A section of Highway 92 in Half Moon Bay was shut down early Saturday due to flooding. The closure is from Skyline Boulevard to Main Street, with no estimated time to reopen, Cal Fire says.



A section of Highway 92 in Half Moon Bay was shut down early Saturday due to flooding. The closure was from Skyline Blvd to Main Street, with no estimated time to reopen.

Ya I see that the highway is closed in both directions

M



**Jan. 1, 7 a.m.** With the New Year dawning clear and cold across most of the Bay Area, flood waters are finally receding, but a few arteries in the region are still closed. The biggest among them is a stretch of 580 between San Leandro and Hayward; it's been closed since about 7 a.m. Saturday, with CHP hoping to reopen it in a few hours.

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Article continues below this ad



— A view of landslide on Highway 92 in San Mateo County. (Photo by Tayfun Coskun/Anadolu Agency via Getty Images)  
Anadolu Agency/Anadolu Agency via Getty Images

Niles Canyon Road is inaccessible between Fremont and Sunol. It was inundated Saturday and is still being pumped free of water. Highway 92 in the Crystal Springs Area is also closed due to earlier flooding leaving debris on the roadway.



January 9, 2023

Mr. Jeffrey Gove  
Director of Compliance and Enforcement  
Bay Area Air Quality Management District  
Attn: Title V Reports  
375 Beale Street, Suite 600  
San Francisco, CA 94105

**Transmitted via E-mail**

Re: Combined 10/30-day Title V Report and 30-day Breakdown Follow-up Letter  
Reportable Compliance Activity IDs 08P74 (breakdown) and 08P75 (excursion)  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of the Ox Mountain Landfill (Ox Mountain) (Facility Number A2266), submits this Combined 10/30-Day Title V Report and 30-Day Breakdown Follow-Up Letter for the Breakdown Relief Request submitted to the Bay Area Air Quality Management District (BAAQMD) per the requirements of BAAQMD Compliance and Enforcement Breakdown Guidelines. This letter also satisfies the 10 and 30-day Title V Report requirements and Title V Permit Condition Section I.F (Monitoring Reports). Pursuant to Title V Permit Condition Number 818 Part 3(a), the gas collection and control system (GCCS) shall remain in continuous operation. On December 31, 2022, and on January 1, 2023, the GCCS shutdown for more than one hour requiring two breakdown notifications. Reportable Compliance Activity (RCA) notifications were submitted to the BAAQMD on the same days as noted above, requesting breakdown relief and to report parametric excursions for the GCCS downtime event. RCA Notification IDs 08P71 (breakdown) and 08P72 (excursion) have been assigned to the December 31, 2022, event. BFIC respectfully requests that the BAAQMD grant breakdown relief for this event.

### **Background**

At approximately 10:38 AM on December 31, 2022, site control equipment automatically shutdown due to a high temperature alarm as a result of a surge in gas caused by the sudden shutdown of the Ameresco Landfill Gas to Energy (LFGTE) facility. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown alert. Unfortunately, due to severe weather Highway 92, the main access to the landfill, was closed in all directions because of severe flooding and hazardous road conditions by local law enforcement. This hampered the response time of the technician as access to Highway 92 was not permitted until approximately 1:45 PM. Once the technician arrived and performed an inspection of flare facility, the A-7 Flare was restarted at approximately 2:00 PM. The Ameresco LFGTE technician gained access to the site around the same time and initially diagnosed an auto-valve issue as the cause of the shutdown of the LFGTE that then caused the cascade shutdown of the A-7 Flare.

After further investigations into the cause of the outage, it was determined that rainwater had seeped into the valve controller/switchbox causing a short of the primary master permissive valve for the plant



leading to the shutdown of the plant. The Ameresco LFGTE technician dried the switchbox out and covered the box and associate conduit with a tarp to prevent further leaks.

At approximately 3:44 AM on January 1, 2023, site control equipment automatically shutdown again due to a high temperature alarm as a result of a surge in gas caused by another sudden shutdown of the Ameresco LFGTE facility. Site technicians were again dispatched to Ox Mountain as soon as possible following the shutdown. Unfortunately, due to the continued closure of the west bound lanes of Highway 92, the main access to the landfill, the technician was forced to detour around the area to gain access to the site from west which delayed the response time of the technicians to the shutdown. Once the technician arrived and performed an inspection of flare facility, the A-7 Flare was restarted at approximately 4:52 AM. The Ameresco LFGTE technician responded to the shutdown of the LFGTE facility and diagnosed the cause of the LFGTE facility shutdown as the same issue as the December 31, 2022 shutdown. Water had again infiltrated a valve controller/switchbox governing the primary master permissive value and caused an electrical fault that unexpectedly shutdown the LFGTE facility. The Ameresco LFGTE technician was unable to determine how rainwater was able to seep into the switchbox through the tarp. This led the technician to investigate the conduit leading to and from the switchbox to determine if the water was seeping in through those connections. His investigation led him "upstream" to another electrical cabinet that was also full of water that was draining into the conduit feeding into the valve switchbox. The technician dried the switchbox and electrical cabinet out and covered both with a tarp to prevent further leaks until weather permits further investigation and allows for permanent repairs to be made to prevent leaks during future rain events.

During both events, the backup A-9 Flare was inoperable due to ongoing refurbishments that are not due to be completed until mid-January 2023.

### **Corrective Actions**

This event took place after operating hours; therefore, no onsite personnel for Ox Mountain nor the LFGTE facility were present at the time of shutdown to inspect and restart the control devices. Ox Mountain has on-call personnel from Tetra Tech (TT) and Ameresco has their own personnel to respond to GCCS shutdown events afterhours for emergencies 24 hours a day, 7 days per week. Upon receiving an automated alert of control device downtime, these designated personnel immediately respond. Response time for TT technicians and Ameresco personnel is typically within 30-45 minutes, but this can vary depending on the time of day as well as traffic and weather conditions.

Due to the severe weather on December 31, 2022 and unsafe road conditions on Highway 92, response times were increased as technicians were required to take a long detour to access the Highway from the west and then had to wait for safety personnel allow them to pass. On January 1, 2023, when the second shutdown occurred, Highway 92 westbound remained closed due to a landslide, requiring technicians again to detour and access the highway from the west. Attachment C shows notifications of the closures.

Additionally, personnel from TT and Ameresco coordinate during the response to limit downtime. Once onsite, the on-call TT technician inspected the GCCS, blower flare station components and flares for damage in accordance with their inspection and pre-startup procedures. The A-7 Flare requires a technician onsite to be restarted due to the nature of how the Flares operate. They rely on several components that frequently need to be manually reset before the flares can resume operation.

Under normal circumstances the A-7 Flare operates 24 hours per day. However, due to the sudden increase in landfill gas (LFG) flow, the flare shutdown due to high flow. The Ameresco LFGTE facility shut

Mr. Jeffery Gove

January 9, 2023

Page 3

down due to the short of the primary master permissive valve which was beyond Ox Mountain's control. During this period of downtime, applicable inspection and maintenance (I&M) measures were taken pursuant to BAAQMD Regulation 8, Rule 34, Section 113 (8-34-113), which allows for up to 240 hours of GCCS downtime in any calendar year to allow for I&M of the GCCS.

Excess emissions did not occur during these events. The control devices at Ox Mountain have automated features that isolate the GCCS. This prevents emissions from the GCCS when the control devices are not in operation. At the time of this submittal, the GCCS is operating within normal parameters. BFIC respectfully requests that the BAAQMD grant breakdown relief for these events as the shutdown was out of Ox Mountain's/BFIC's control.

### **Conclusion**

The RCA Notifications were submitted per BAAQMD Regulation 1 Section 112 and the related excursion event per verbal guidance from a previous BAAMQD inspector, and out of an abundance of caution.

Although a request for breakdown relief is being submitted per BAAQMD guidelines, there was no "breakdown" of any Ox Mountain/BFIC-owned control device. Nor does BFIC believe that a parametric excursion occurred when the flares were offline, because there was no excursion from operating limits and no missing operating data. As BFIC has stated in past letters, it believes BAAQMD's Rule 1-523.3 only requires the reporting of parametric monitoring excursions when the monitoring equipment shows an exceedance of a permit condition when the flare is operating, not when it is shutdown.

With the submittal of this combined notification, BFIC has completed all reporting requirements for the events within the required timeframes. BFIC is committed to operating its systems in compliance with all applicable regulations and will continue to ensure future compliance.

If you have any questions or require additional information, please do not hesitate to contact myself at (650)713-3632 or by email at KMcdonnell@republicservices.com or Kendra Kent at (520) 526-7270 or by email at kendra.kent@tetrattech.com.

Sincerely,

*Kelly McDonnell*

Kelly McDonnell  
Environmental Manager  
Ox Mountain Landfill

Attachment: A – RCA Form IDs 08P74 (breakdown) and 08P75 (excursion)  
B – A-7 and A-9 Flare Data – December 30, 2022, through January 2, 2023  
C – Highway 92 Closure Notifications

cc: Travis Armstrong, BFIC  
Ben Wade, BFIC  
Kendra Kent, Tetra Tech  
Romelle Guittap, BAAQMD

Attachment A  
RCA Form IDs 08P74 (breakdown) and 08P75 (excursion)

**From:** [Kent, Kendra](#)  
**To:** [Israel, Nat](#)  
**Subject:** FW: RCA Notification - Ox Mountain (Facility #A2266) - January 1, 2023  
**Date:** Tuesday, January 3, 2023 10:09:42 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)

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## Group 2

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**From:** RCA Notification <rca@baaqmd.gov>  
**Sent:** Tuesday, January 3, 2023 10:06 AM  
**To:** Kent, Kendra <Kendra.Kent@tetrattech.com>  
**Subject:** RE: RCA Notification - Ox Mountain (Facility #A2266) - January 1, 2023

Breakdown 08P74  
Excursion 08P75

---

**From:** Kent, Kendra <Kendra.Kent@tetrattech.com>  
**Sent:** Sunday, January 1, 2023 12:39 PM  
**To:** RCA Notification <rca@baaqmd.gov>  
**Cc:** Mcdonnell, Kelly <KMcdonnell@republicservices.com>; Israel, Nat <Nat.Israel@tetrattech.com>; Newbrough, Rob <Rob.Newbrough@tetrattech.com>; Ayass, Sami <Sami.Ayass@tetrattech.com>; Romelle Guittap <rguittap@baaqmd.gov>  
**Subject:** RCA Notification - Ox Mountain (Facility #A2266) - January 1, 2023

**CAUTION:** This email originated from outside of the BAAQMD network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To Whom it May Concern,

Out of an overabundance of caution, Tetra Tech is submitting the attached Reportable Compliance Activity (RCA) Form for breakdown relief on behalf of our client, Browning-Ferris of California, Inc., who owns and operates Ox Mountain Landfill (A2266), for a gas collection and control system (GCCS) shutdown that occurred today, January 1, 2023. If you have any questions or need additional information, please let us know.

Thanks,  
Kendra

**Kendra Kent** | Senior Compliance Specialist  
Direct +1 (520) 526-7270 | Mobile +1 (520) 275-0189 | Fax +1 (520) 888-4804 | [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
800 E Wetmore Road, Suite 230 | Tucson, Arizona 85719 | [tetrattech.com](http://tetrattech.com) | [www.cornestoneeg.com](http://www.cornestoneeg.com)

**While we are operating remotely in response to COVID-19, Tetra Tech teams remain fully connected and hard at work servicing our clients and ongoing projects. We also would like to wish health and wellness to you and your family.**



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

See back of form for instructions →

1.  **BREAKDOWN RELIEF: District Use Only BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION District Use Only REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: District Use Only REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): District Use Only PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kendra Kent	Phone #	(520) 275-0189
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	~ 3 hours 22 minutes
Start Time/Date	12/31/2022 at approximately 10:38 AM	Clear Time	12/31/2022 at 2:01 PM
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
		<input checked="" type="checkbox"/> ▶ Other (describe) scfm	

**Event Description:** At approximately 10:38 AM on December 31, 2022, site control equipment automatically shutdown due to high temperature alarm caused by a surge in gas as a result of the sudden shutdown of the Ameresco Landfill Gas to Energy (LFGTE) facility. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. Unfortunately, due to severe weather Highway 92, the main access to the landfill, was closed in all directions as a result of severe flooding and hazardous road conditions by local law enforcement. This hampered the response time of the technician as access to Highway 92 was not permitted until approximately 1:45 PM. Once the technician arrived and performed an inspection of flare facility, the A-7 Flare was restarted at approximately 2:00 PM following inspection of the flare facility. The Ameresco LFGTE technician gained access to the site around the same time and tentatively has diagnosed an auto-valve issue as the cause of the initial shutdown of the LFGTE that caused the cascade shutdown of the A-7 Flare. Additional details regarding the findings and causes will be detailed in the 10-day Breakdown report. Note, during shutdowns of this nature, LFG flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

### District Use Only

Received by

Date

Time

### General Instructions

Attachment B  
A-7 Flare Data – December 30, 2022, through January 2, 2023

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	00:00:00	0.000	1582	1608	1530	1550
2022/12/30	00:02:00	0.000	1578	1613	1528	1558
2022/12/30	00:04:00	0.000	1585	1611	1548	1566
2022/12/30	00:06:00	0.000	1589	1612	1553	1574
2022/12/30	00:08:00	0.000	1586	1615	1566	1582
2022/12/30	00:10:00	0.000	1591	1619	1543	1566
2022/12/30	00:12:00	0.000	1599	1618	1533	1543
2022/12/30	00:14:00	0.000	1599	1619	1537	1543
2022/12/30	00:16:00	0.000	1604	1622	1525	1548
2022/12/30	00:18:00	0.000	1606	1626	1524	1543
2022/12/30	00:20:00	0.000	1608	1628	1533	1553
2022/12/30	00:22:00	0.000	1612	1631	1537	1551
2022/12/30	00:24:00	0.000	1611	1630	1543	1580
2022/12/30	00:26:00	0.000	1604	1633	1537	1580
2022/12/30	00:28:00	0.000	1603	1633	1523	1542
2022/12/30	00:30:00	0.000	1597	1631	1520	1530
2022/12/30	00:32:00	0.000	1602	1628	1523	1537
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2022/12/30	00:36:00	0.000	1593	1619	1522	1550
2022/12/30	00:38:00	0.000	1590	1617	1534	1558
2022/12/30	00:40:00	0.000	1594	1611	1553	1566
2022/12/30	00:42:00	0.000	1585	1610	1533	1558
2022/12/30	00:44:00	0.000	1591	1622	1556	1582
2022/12/30	00:46:00	0.000	1604	1630	1526	1556
2022/12/30	00:48:00	0.000	1604	1632	1526	1545
2022/12/30	00:50:00	0.000	1609	1635	1527	1570
2022/12/30	00:52:00	0.000	1604	1632	1530	1564
2022/12/30	00:54:00	0.000	1599	1622	1531	1541
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2022/12/30	01:00:00	0.000	1591	1615	1527	1545
2022/12/30	01:02:00	0.000	1596	1620	1528	1543
2022/12/30	01:04:00	0.000	1600	1630	1534	1564
2022/12/30	01:06:00	0.000	1608	1630	1560	1567
2022/12/30	01:08:00	0.000	1613	1633	1564	1575
2022/12/30	01:10:00	0.000	1609	1630	1535	1576
2022/12/30	01:12:00	0.000	1599	1630	1523	1572
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2022/12/30	01:16:00	0.000	1601	1619	1508	1531
2022/12/30	01:18:00	0.000	1593	1617	1521	1543

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	01:20:00	0.000	1596	1615	1504	1543
2022/12/30	01:22:00	0.000	1585	1613	1489	1528
2022/12/30	01:24:00	0.000	1597	1619	1494	1533
2022/12/30	01:26:00	0.000	1597	1624	1518	1571
2022/12/30	01:28:00	0.000	1607	1629	1571	1604
2022/12/30	01:30:00	0.000	1607	1637	1566	1592
2022/12/30	01:32:00	0.000	1609	1633	1545	1566
2022/12/30	01:34:00	0.000	1611	1637	1520	1564
2022/12/30	01:36:00	0.000	1610	1630	1497	1520
2022/12/30	01:38:00	0.000	1607	1632	1509	1529
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2022/12/30	01:42:00	0.000	1599	1630	1548	1589
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2022/12/30	01:48:00	0.000	1601	1630	1500	1520
2022/12/30	01:50:00	0.000	1591	1623	1515	1529
2022/12/30	01:52:00	0.000	1595	1630	1522	1542
2022/12/30	01:54:00	0.000	1600	1619	1524	1549
2022/12/30	01:56:00	0.000	1599	1623	1537	1549
2022/12/30	01:58:00	0.000	1599	1624	1511	1548
2022/12/30	02:00:00	0.000	1597	1620	1533	1552
2022/12/30	02:02:00	0.000	1601	1620	1537	1569
2022/12/30	02:04:00	0.000	1595	1621	1560	1581
2022/12/30	02:06:00	0.000	1592	1621	1555	1564
2022/12/30	02:08:00	0.000	1584	1609	1527	1567
2022/12/30	02:10:00	0.000	1585	1615	1520	1543
2022/12/30	02:12:00	0.000	1589	1609	1528	1549
2022/12/30	02:14:00	0.000	1594	1611	1506	1528
2022/12/30	02:16:00	0.000	1591	1617	1510	1547
2022/12/30	02:18:00	0.000	1599	1616	1542	1553
2022/12/30	02:20:00	0.000	1593	1612	1537	1544
2022/12/30	02:22:00	0.000	1584	1608	1520	1558
2022/12/30	02:24:00	0.000	1583	1609	1525	1549
2022/12/30	02:26:00	0.000	1585	1608	1549	1562
2022/12/30	02:28:00	0.000	1574	1605	1550	1557
2022/12/30	02:30:00	0.000	1581	1605	1547	1567
2022/12/30	02:32:00	0.000	1582	1608	1551	1567
2022/12/30	02:34:00	0.000	1585	1608	1536	1556
2022/12/30	02:36:00	0.000	1586	1603	1534	1542
2022/12/30	02:38:00	0.000	1579	1607	1531	1547



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	02:40:00	0.000	1574	1601	1504	1543
2022/12/30	02:42:00	0.000	1585	1605	1531	1554
2022/12/30	02:44:00	0.000	1591	1609	1506	1540
2022/12/30	02:46:00	0.000	1593	1612	1523	1558
2022/12/30	02:48:00	0.000	1591	1621	1558	1574
2022/12/30	02:50:00	0.000	1597	1622	1549	1566
2022/12/30	02:52:00	0.000	1591	1622	1525	1549
2022/12/30	02:54:00	0.000	1597	1625	1547	1577
2022/12/30	02:56:00	0.000	1593	1615	1546	1578
2022/12/30	02:58:00	0.000	1593	1620	1542	1558
2022/12/30	03:00:00	0.000	1595	1619	1539	1557
2022/12/30	03:02:00	0.000	1598	1618	1515	1539
2022/12/30	03:04:00	0.000	1596	1621	1507	1536
2022/12/30	03:06:00	0.000	1599	1620	1507	1534
2022/12/30	03:08:00	0.000	1585	1617	1512	1523
2022/12/30	03:10:00	0.000	1591	1611	1515	1551
2022/12/30	03:12:00	0.000	1593	1613	1551	1573
2022/12/30	03:14:00	0.000	1594	1617	1548	1573
2022/12/30	03:16:00	0.000	1594	1613	1548	1578
2022/12/30	03:18:00	0.000	1589	1617	1543	1574
2022/12/30	03:20:00	0.000	1592	1612	1547	1564
2022/12/30	03:22:00	0.000	1586	1613	1525	1560
2022/12/30	03:24:00	0.000	1589	1609	1523	1538
2022/12/30	03:26:00	0.000	1592	1609	1518	1537
2022/12/30	03:28:00	0.000	1582	1609	1499	1525
2022/12/30	03:30:00	0.000	1582	1608	1525	1564
2022/12/30	03:32:00	0.000	1579	1609	1549	1569
2022/12/30	03:34:00	0.000	1585	1610	1547	1567
2022/12/30	03:36:00	0.000	1587	1608	1537	1553
2022/12/30	03:38:00	0.000	1584	1606	1547	1561
2022/12/30	03:40:00	0.000	1585	1603	1520	1561
2022/12/30	03:42:00	0.000	1587	1604	1518	1557
2022/12/30	03:44:00	0.000	1582	1606	1515	1557
2022/12/30	03:46:00	0.000	1583	1603	1502	1541
2022/12/30	03:48:00	0.000	1578	1608	1510	1539
2022/12/30	03:50:00	0.000	1580	1611	1523	1568
2022/12/30	03:52:00	0.000	1585	1613	1554	1577
2022/12/30	03:54:00	0.000	1585	1612	1543	1554
2022/12/30	03:56:00	0.000	1591	1615	1526	1554
2022/12/30	03:58:00	0.000	1591	1617	1545	1564

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	04:00:00	0.000	1592	1619	1547	1573
2022/12/30	04:02:00	0.000	1589	1619	1496	1547
2022/12/30	04:04:00	0.000	1593	1619	1499	1539
2022/12/30	04:06:00	0.000	1593	1622	1508	1558
2022/12/30	04:08:00	0.000	1600	1623	1539	1554
2022/12/30	04:10:00	0.000	1605	1625	1537	1549
2022/12/30	04:12:00	0.000	1611	1636	1520	1560
2022/12/30	04:14:00	0.000	1623	1649	1523	1556
2022/12/30	04:16:00	0.000	1624	1651	1549	1572
2022/12/30	04:18:00	0.000	1640	1659	1566	1583
2022/12/30	04:20:00	0.000	1652	1676	1560	1584
2022/12/30	04:22:00	0.000	1652	1676	1548	1565
2022/12/30	04:24:00	0.000	1657	1683	1537	1569
2022/12/30	04:26:00	0.000	1662	1687	1544	1551
2022/12/30	04:28:00	0.000	1670	1692	1535	1551
2022/12/30	04:30:00	0.000	1673	1690	1539	1582
2022/12/30	04:32:00	0.000	1670	1687	1501	1539
2022/12/30	04:34:00	0.000	1661	1685	1516	1545
2022/12/30	04:36:00	0.000	1654	1677	1492	1551
2022/12/30	04:38:00	0.000	1651	1670	1518	1571
2022/12/30	04:40:00	0.000	1630	1663	1512	1541
2022/12/30	04:42:00	0.000	1626	1647	1514	1533
2022/12/30	04:44:00	0.000	1627	1655	1510	1548
2022/12/30	04:46:00	0.000	1626	1654	1494	1543
2022/12/30	04:48:00	0.000	1632	1655	1520	1630
2022/12/30	04:50:00	0.000	1639	1666	1561	1631
2022/12/30	04:52:00	0.000	1647	1666	1541	1564
2022/12/30	04:54:00	0.000	1649	1673	1551	1574
2022/12/30	04:56:00	0.000	1657	1674	1539	1567
2022/12/30	04:58:00	0.000	1641	1674	1499	1539
2022/12/30	05:00:00	0.000	1634	1665	1495	1534
2022/12/30	05:02:00	0.000	1633	1654	1523	1554
2022/12/30	05:04:00	0.000	1629	1654	1528	1561
2022/12/30	05:06:00	0.000	1633	1661	1527	1565
2022/12/30	05:08:00	0.000	1642	1667	1528	1556
2022/12/30	05:10:00	0.000	1649	1681	1554	1574
2022/12/30	05:12:00	0.000	1648	1678	1543	1575
2022/12/30	05:14:00	0.000	1636	1660	1528	1568
2022/12/30	05:16:00	0.000	1633	1655	1498	1537
2022/12/30	05:18:00	0.000	1623	1666	1492	1525

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	05:20:00	0.000	1648	1670	1525	1554
2022/12/30	05:22:00	0.000	1655	1681	1536	1566
2022/12/30	05:24:00	0.000	1652	1675	1536	1560
2022/12/30	05:26:00	0.000	1653	1678	1560	1584
2022/12/30	05:28:00	0.000	1651	1671	1553	1567
2022/12/30	05:30:00	0.000	1650	1670	1551	1561
2022/12/30	05:32:00	0.000	1649	1667	1514	1561
2022/12/30	05:34:00	0.000	1641	1663	1512	1523
2022/12/30	05:36:00	0.000	1636	1656	1482	1535
2022/12/30	05:38:00	0.000	1636	1663	1482	1569
2022/12/30	05:40:00	0.000	1643	1671	1565	1574
2022/12/30	05:42:00	0.000	1651	1683	1560	1577
2022/12/30	05:44:00	0.000	1663	1696	1518	1577
2022/12/30	05:46:00	0.000	1669	1688	1544	1574
2022/12/30	05:48:00	0.000	1658	1681	1524	1574
2022/12/30	05:50:00	0.000	1651	1676	1518	1542
2022/12/30	05:52:00	0.000	1641	1663	1502	1534
2022/12/30	05:54:00	0.000	1639	1661	1502	1514
2022/12/30	05:56:00	0.000	1642	1660	1507	1534
2022/12/30	05:58:00	0.000	1652	1671	1533	1587
2022/12/30	06:00:00	0.000	1657	1683	1577	1601
2022/12/30	06:02:00	0.000	1669	1687	1546	1578
2022/12/30	06:04:00	0.000	1664	1685	1543	1561
2022/12/30	06:06:00	0.000	1654	1679	1505	1543
2022/12/30	06:08:00	0.000	1647	1669	1492	1520
2022/12/30	06:10:00	0.000	1647	1673	1512	1529
2022/12/30	06:12:00	0.000	1648	1668	1508	1537
2022/12/30	06:14:00	0.000	1652	1670	1537	1570
2022/12/30	06:16:00	0.000	1644	1673	1549	1566
2022/12/30	06:18:00	0.000	1655	1675	1542	1581
2022/12/30	06:20:00	0.000	1653	1674	1539	1566
2022/12/30	06:22:00	0.000	1655	1676	1542	1566
2022/12/30	06:24:00	0.000	1657	1676	1532	1553
2022/12/30	06:26:00	0.000	1655	1673	1518	1557
2022/12/30	06:28:00	0.000	1651	1675	1467	1518
2022/12/30	06:30:00	0.000	1647	1669	1498	1514
2022/12/30	06:32:00	0.000	1643	1666	1502	1607
2022/12/30	06:34:00	0.000	1633	1657	1539	1606
2022/12/30	06:36:00	0.000	1635	1657	1545	1568
2022/12/30	06:38:00	0.000	1642	1671	1510	1547

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	06:40:00	0.000	1650	1674	1521	1563
2022/12/30	06:42:00	0.000	1655	1680	1545	1562
2022/12/30	06:44:00	0.000	1662	1679	1545	1572
2022/12/30	06:46:00	0.000	1666	1686	1551	1563
2022/12/30	06:48:00	0.000	1666	1687	1547	1560
2022/12/30	06:50:00	0.000	1661	1682	1520	1550
2022/12/30	06:52:00	0.000	1643	1674	1475	1520
2022/12/30	06:54:00	0.000	1637	1664	1466	1521
2022/12/30	06:56:00	0.000	1633	1654	1521	1545
2022/12/30	06:58:00	0.000	1630	1652	1527	1547
2022/12/30	07:00:00	0.000	1633	1659	1531	1551
2022/12/30	07:02:00	0.000	1638	1664	1520	1550
2022/12/30	07:04:00	0.000	1650	1670	1531	1579
2022/12/30	07:06:00	0.000	1652	1673	1549	1562
2022/12/30	07:08:00	0.000	1659	1676	1520	1560
2022/12/30	07:10:00	0.000	1651	1678	1560	1586
2022/12/30	07:12:00	0.000	1637	1665	1547	1569
2022/12/30	07:14:00	0.000	1622	1652	1543	1564
2022/12/30	07:16:00	0.000	1623	1651	1477	1545
2022/12/30	07:18:00	0.000	1629	1655	1495	1545
2022/12/30	07:20:00	0.000	1638	1664	1529	1550
2022/12/30	07:22:00	0.000	1648	1674	1527	1553
2022/12/30	07:24:00	0.000	1651	1670	1553	1572
2022/12/30	07:26:00	0.000	1650	1667	1556	1574
2022/12/30	07:28:00	0.000	1644	1666	1527	1565
2022/12/30	07:30:00	0.000	1642	1663	1510	1527
2022/12/30	07:32:00	0.000	1637	1661	1506	1529
2022/12/30	07:34:00	0.000	1630	1653	1512	1533
2022/12/30	07:36:00	0.000	1623	1646	1533	1560
2022/12/30	07:38:00	0.000	1625	1648	1527	1560
2022/12/30	07:40:00	0.000	1626	1662	1523	1543
2022/12/30	07:42:00	0.000	1644	1673	1534	1558
2022/12/30	07:44:00	0.000	1657	1681	1553	1577
2022/12/30	07:46:00	0.000	1651	1674	1564	1578
2022/12/30	07:48:00	0.000	1646	1666	1540	1566
2022/12/30	07:50:00	0.000	1651	1670	1531	1551
2022/12/30	07:52:00	0.000	1640	1661	1542	1553
2022/12/30	07:54:00	0.000	1637	1660	1506	1542
2022/12/30	07:56:00	0.000	1627	1651	1470	1516
2022/12/30	07:58:00	0.000	1625	1649	1495	1551

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	08:00:00	0.000	1628	1648	1551	1580
2022/12/30	08:02:00	0.000	1632	1653	1571	1596
2022/12/30	08:04:00	0.000	1636	1651	1537	1571
2022/12/30	08:06:00	0.000	1638	1659	1537	1574
2022/12/30	08:08:00	0.000	1633	1652	1493	1573
2022/12/30	08:10:00	0.000	1630	1655	1483	1531
2022/12/30	08:12:00	0.000	1637	1663	1531	1552
2022/12/30	08:14:00	0.000	1640	1664	1550	1559
2022/12/30	08:16:00	0.000	1641	1663	1550	1585
2022/12/30	08:18:00	0.000	1640	1662	1523	1585
2022/12/30	08:20:00	0.000	1644	1664	1512	1539
2022/12/30	08:22:00	0.000	1645	1670	1508	1531
2022/12/30	08:24:00	0.000	1641	1666	1520	1549
2022/12/30	08:26:00	0.000	1632	1655	1519	1547
2022/12/30	08:28:00	0.000	1616	1645	1524	1545
2022/12/30	08:30:00	0.000	1611	1642	1514	1540
2022/12/30	08:32:00	0.000	1620	1654	1540	1566
2022/12/30	08:34:00	0.000	1642	1666	1566	1596
2022/12/30	08:36:00	0.000	1640	1663	1539	1600
2022/12/30	08:38:00	0.000	1622	1653	1535	1551
2022/12/30	08:40:00	0.000	1617	1640	1489	1535
2022/12/30	08:42:00	0.000	1623	1643	1502	1545
2022/12/30	08:44:00	0.000	1625	1653	1535	1545
2022/12/30	08:46:00	0.000	1628	1649	1540	1553
2022/12/30	08:48:00	0.000	1633	1659	1542	1566
2022/12/30	08:50:00	0.000	1626	1657	1511	1568
2022/12/30	08:52:00	0.000	1618	1644	1510	1540
2022/12/30	08:54:00	0.000	1617	1640	1540	1556
2022/12/30	08:56:00	0.000	1615	1640	1545	1559
2022/12/30	08:58:00	0.000	1625	1642	1556	1562
2022/12/30	09:00:00	0.000	1626	1649	1534	1560
2022/12/30	09:02:00	0.000	1636	1654	1535	1595
2022/12/30	09:04:00	0.000	1637	1662	1547	1605
2022/12/30	09:06:00	0.000	1633	1666	1532	1549
2022/12/30	09:08:00	0.000	1622	1661	1512	1542
2022/12/30	09:10:00	0.000	1620	1643	1499	1535
2022/12/30	09:12:00	0.000	1617	1640	1504	1533
2022/12/30	09:14:00	0.000	1625	1643	1533	1578
2022/12/30	09:16:00	0.000	1626	1643	1547	1566
2022/12/30	09:18:00	0.000	1619	1650	1555	1568

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	09:20:00	0.000	1610	1648	1559	1570
2022/12/30	09:22:00	0.000	1627	1648	1537	1559
2022/12/30	09:24:00	0.000	1624	1650	1512	1563
2022/12/30	09:26:00	0.000	1627	1648	1499	1512
2022/12/30	09:28:00	0.000	1627	1648	1512	1545
2022/12/30	09:30:00	0.000	1632	1650	1506	1533
2022/12/30	09:32:00	0.000	1630	1659	1533	1550
2022/12/30	09:34:00	0.000	1637	1656	1550	1571
2022/12/30	09:36:00	0.000	1635	1655	1547	1570
2022/12/30	09:38:00	0.000	1631	1654	1540	1560
2022/12/30	09:40:00	0.000	1630	1652	1526	1558
2022/12/30	09:42:00	0.000	1623	1648	1522	1543
2022/12/30	09:44:00	0.000	1619	1644	1520	1547
2022/12/30	09:46:00	0.000	1615	1639	1507	1522
2022/12/30	09:48:00	0.000	1615	1640	1522	1552
2022/12/30	09:50:00	0.000	1619	1642	1546	1557
2022/12/30	09:52:00	0.000	1615	1642	1537	1565
2022/12/30	09:54:00	0.000	1619	1642	1542	1558
2022/12/30	09:56:00	0.000	1625	1642	1547	1558
2022/12/30	09:58:00	0.000	1624	1645	1553	1571
2022/12/30	10:00:00	0.000	1623	1654	1541	1556
2022/12/30	10:02:00	0.000	1627	1656	1520	1541
2022/12/30	10:04:00	0.000	1622	1651	1516	1528
2022/12/30	10:06:00	0.000	1628	1651	1520	1539
2022/12/30	10:08:00	0.000	1623	1654	1529	1553
2022/12/30	10:10:00	0.000	1628	1658	1553	1568
2022/12/30	10:12:00	0.000	1630	1651	1545	1572
2022/12/30	10:14:00	0.000	1629	1656	1541	1556
2022/12/30	10:16:00	0.000	1609	1644	1519	1555
2022/12/30	10:18:00	0.000	1605	1626	1496	1519
2022/12/30	10:20:00	0.000	1607	1634	1497	1537
2022/12/30	10:22:00	0.000	1617	1641	1533	1562
2022/12/30	10:24:00	0.000	1619	1648	1530	1539
2022/12/30	10:26:00	0.000	1632	1652	1539	1561
2022/12/30	10:28:00	0.000	1630	1696	1555	1592
2022/12/30	10:30:00	0.000	1688	1734	1582	1599
2022/12/30	10:32:00	0.000	1725	1753	1553	1594
2022/12/30	10:34:00	0.000	1724	1753	1527	1575
2022/12/30	10:36:00	0.000	1710	1737	1511	1571
2022/12/30	10:38:00	0.000	1716	1743	1491	1512

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	10:40:00	0.000	1730	1752	1497	1574
2022/12/30	10:42:00	0.000	1734	1763	1570	1582
2022/12/30	10:44:00	0.000	1747	1773	1547	1584
2022/12/30	10:46:00	0.000	1751	1772	1515	1548
2022/12/30	10:48:00	0.000	1747	1765	1513	1564
2022/12/30	10:50:00	0.000	1736	1762	1528	1572
2022/12/30	10:52:00	0.000	1727	1754	1504	1528
2022/12/30	10:54:00	0.000	1726	1750	1516	1561
2022/12/30	10:56:00	0.000	1729	1758	1508	1531
2022/12/30	10:58:00	0.000	1740	1770	1512	1580
2022/12/30	11:00:00	0.000	1748	1772	1537	1585
2022/12/30	11:02:00	0.000	1746	1765	1545	1558
2022/12/30	11:04:00	0.000	1737	1760	1525	1553
2022/12/30	11:06:00	0.000	1732	1756	1526	1543
2022/12/30	11:08:00	0.000	1737	1757	1534	1550
2022/12/30	11:10:00	0.000	1741	1758	1533	1545
2022/12/30	11:12:00	0.000	1734	1753	1532	1542
2022/12/30	11:14:00	0.000	1743	1765	1529	1550
2022/12/30	11:16:00	0.000	1740	1758	1533	1556
2022/12/30	11:18:00	0.000	1745	1765	1545	1566
2022/12/30	11:20:00	0.000	1751	1767	1547	1569
2022/12/30	11:22:00	0.000	1753	1769	1553	1600
2022/12/30	11:24:00	0.000	1754	1774	1529	1599
2022/12/30	11:26:00	0.000	1754	1774	1507	1531
2022/12/30	11:28:00	0.000	1756	1777	1506	1527
2022/12/30	11:30:00	0.000	1749	1777	1506	1545
2022/12/30	11:32:00	0.000	1758	1776	1516	1547
2022/12/30	11:34:00	0.000	1755	1779	1519	1569
2022/12/30	11:36:00	0.000	1760	1779	1561	1569
2022/12/30	11:38:00	0.000	1759	1777	1535	1563
2022/12/30	11:40:00	0.000	1761	1780	1535	1568
2022/12/30	11:42:00	0.000	1758	1777	1546	1566
2022/12/30	11:44:00	0.000	1763	1778	1547	1563
2022/12/30	11:46:00	0.000	1761	1776	1527	1549
2022/12/30	11:48:00	0.000	1745	1778	1508	1530
2022/12/30	11:50:00	0.000	1752	1779	1505	1559
2022/12/30	11:52:00	0.000	1752	1780	1537	1570
2022/12/30	11:54:00	0.000	1754	1780	1536	1564
2022/12/30	11:56:00	0.000	1757	1777	1525	1567
2022/12/30	11:58:00	0.000	1759	1781	1523	1564

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	12:00:00	0.000	1758	1776	1545	1565
2022/12/30	12:02:00	0.000	1760	1775	1533	1547
2022/12/30	12:04:00	0.000	1748	1772	1531	1556
2022/12/30	12:06:00	0.000	1748	1773	1513	1542
2022/12/30	12:08:00	0.000	1754	1772	1499	1520
2022/12/30	12:10:00	0.000	1754	1773	1507	1558
2022/12/30	12:12:00	0.000	1758	1773	1547	1561
2022/12/30	12:14:00	0.000	1754	1773	1548	1558
2022/12/30	12:16:00	0.000	1754	1773	1551	1567
2022/12/30	12:18:00	0.000	1755	1771	1526	1571
2022/12/30	12:20:00	0.000	1748	1772	1511	1576
2022/12/30	12:22:00	0.000	1743	1768	1510	1526
2022/12/30	12:24:00	0.000	1748	1765	1543	1548
2022/12/30	12:26:00	0.000	1748	1769	1542	1550
2022/12/30	12:28:00	0.000	1751	1770	1541	1566
2022/12/30	12:30:00	0.000	1752	1778	1563	1577
2022/12/30	12:32:00	0.000	1764	1785	1560	1581
2022/12/30	12:34:00	0.000	1769	1791	1514	1582
2022/12/30	12:36:00	0.000	1770	1789	1515	1544
2022/12/30	12:38:00	0.000	1761	1784	1504	1533
2022/12/30	12:40:00	0.000	1754	1774	1520	1531
2022/12/30	12:42:00	0.000	1740	1770	1516	1535
2022/12/30	12:44:00	0.000	1745	1765	1535	1548
2022/12/30	12:46:00	0.000	1746	1769	1545	1554
2022/12/30	12:48:00	0.000	1751	1770	1518	1549
2022/12/30	12:50:00	0.000	1754	1773	1534	1551
2022/12/30	12:52:00	0.000	1751	1770	1536	1549
2022/12/30	12:54:00	0.000	1756	1775	1543	1556
2022/12/30	12:56:00	0.000	1760	1776	1545	1562
2022/12/30	12:58:00	0.000	1743	1776	1544	1564
2022/12/30	13:00:00	0.000	1758	1777	1519	1572
2022/12/30	13:02:00	0.000	1758	1778	1510	1525
2022/12/30	13:04:00	0.000	1757	1784	1523	1537
2022/12/30	13:06:00	0.000	1763	1781	1510	1545
2022/12/30	13:08:00	0.000	1763	1786	1512	1554
2022/12/30	13:10:00	0.000	1763	1783	1533	1561
2022/12/30	13:12:00	0.000	1765	1788	1561	1582
2022/12/30	13:14:00	0.000	1765	1784	1541	1577
2022/12/30	13:16:00	0.000	1756	1784	1537	1551
2022/12/30	13:18:00	0.000	1748	1778	1528	1559



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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	13:20:00	0.000	1748	1774	1516	1562
2022/12/30	13:22:00	0.000	1750	1773	1502	1527
2022/12/30	13:24:00	0.000	1750	1769	1521	1531
2022/12/30	13:26:00	0.000	1747	1768	1530	1539
2022/12/30	13:28:00	0.000	1748	1765	1531	1569
2022/12/30	13:30:00	0.000	1751	1773	1547	1573
2022/12/30	13:32:00	0.000	1758	1777	1570	1588
2022/12/30	13:34:00	0.000	1765	1785	1531	1577
2022/12/30	13:36:00	0.000	1740	1784	1510	1532
2022/12/30	13:38:00	0.000	1721	1747	1502	1538
2022/12/30	13:40:00	0.000	1737	1771	1533	1549
2022/12/30	13:42:00	0.000	1756	1783	1536	1566
2022/12/30	13:44:00	0.000	1765	1783	1563	1576
2022/12/30	13:46:00	0.000	1759	1780	1558	1580
2022/12/30	13:48:00	0.000	1754	1773	1537	1558
2022/12/30	13:50:00	0.000	1752	1772	1528	1552
2022/12/30	13:52:00	0.000	1745	1768	1504	1530
2022/12/30	13:54:00	0.000	1745	1776	1507	1535
2022/12/30	13:56:00	0.000	1749	1776	1532	1547
2022/12/30	13:58:00	0.000	1754	1775	1541	1560
2022/12/30	14:00:00	0.000	1757	1779	1533	1546
2022/12/30	14:02:00	0.000	1760	1780	1520	1537
2022/12/30	14:04:00	0.000	1759	1780	1525	1557
2022/12/30	14:06:00	0.000	1761	1782	1535	1550
2022/12/30	14:08:00	0.000	1765	1780	1534	1591
2022/12/30	14:10:00	0.000	1758	1788	1559	1615
2022/12/30	14:12:00	0.000	1762	1787	1502	1559
2022/12/30	14:14:00	0.000	1767	1781	1496	1507
2022/12/30	14:16:00	0.000	1766	1788	1506	1562
2022/12/30	14:18:00	0.000	1773	1791	1553	1566
2022/12/30	14:20:00	0.000	1773	1790	1554	1574
2022/12/30	14:22:00	0.000	1774	1793	1530	1580
2022/12/30	14:24:00	0.000	1771	1791	1528	1558
2022/12/30	14:26:00	0.000	1765	1784	1523	1539
2022/12/30	14:28:00	0.000	1762	1777	1520	1545
2022/12/30	14:30:00	0.000	1753	1780	1520	1549
2022/12/30	14:32:00	0.000	1753	1776	1507	1547
2022/12/30	14:34:00	0.000	1751	1773	1506	1539
2022/12/30	14:36:00	0.000	1754	1773	1515	1539
2022/12/30	14:38:00	0.000	1756	1774	1525	1577

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	14:40:00	0.000	1757	1773	1553	1574
2022/12/30	14:42:00	0.000	1758	1775	1548	1575
2022/12/30	14:44:00	0.000	1762	1778	1535	1557
2022/12/30	14:46:00	0.000	1760	1781	1538	1557
2022/12/30	14:48:00	0.000	1754	1781	1535	1561
2022/12/30	14:50:00	0.000	1756	1777	1518	1542
2022/12/30	14:52:00	0.000	1757	1779	1518	1542
2022/12/30	14:54:00	0.000	1753	1784	1509	1545
2022/12/30	14:56:00	0.000	1763	1784	1531	1561
2022/12/30	14:58:00	0.000	1769	1788	1504	1551
2022/12/30	15:00:00	0.000	1763	1788	1537	1558
2022/12/30	15:02:00	0.000	1769	1787	1544	1558
2022/12/30	15:04:00	0.000	1772	1788	1545	1571
2022/12/30	15:06:00	0.000	1765	1783	1571	1580
2022/12/30	15:08:00	0.000	1765	1781	1559	1582
2022/12/30	15:10:00	0.000	1743	1780	1482	1559
2022/12/30	15:12:00	0.000	1754	1779	1481	1518
2022/12/30	15:14:00	0.000	1752	1774	1510	1533
2022/12/30	15:16:00	0.000	1754	1777	1523	1541
2022/12/30	15:18:00	0.000	1759	1773	1539	1541
2022/12/30	15:20:00	0.000	1761	1778	1541	1561
2022/12/30	15:22:00	0.000	1724	1770	1528	1563
2022/12/30	15:24:00	0.000	1709	1734	1499	1528
2022/12/30	15:26:00	0.000	1697	1720	1502	1528
2022/12/30	15:28:00	0.000	1698	1721	1514	1535
2022/12/30	15:30:00	0.000	1703	1721	1515	1556
2022/12/30	15:32:00	0.000	1706	1760	1526	1582
2022/12/30	15:34:00	0.000	1745	1786	1582	1611
2022/12/30	15:36:00	0.000	1774	1788	1527	1608
2022/12/30	15:38:00	0.000	1737	1784	1528	1553
2022/12/30	15:40:00	0.000	1707	1748	1516	1535
2022/12/30	15:42:00	0.000	1690	1724	1490	1529
2022/12/30	15:44:00	0.000	1597	1701	1475	1490
2022/12/30	15:46:00	0.000	1532	1602	1467	1478
2022/12/30	15:48:00	0.000	1527	1554	1469	1483
2022/12/30	15:50:00	0.000	1536	1562	1483	1539
2022/12/30	15:52:00	0.000	1545	1570	1537	1564
2022/12/30	15:54:00	0.000	1553	1572	1547	1561
2022/12/30	15:56:00	0.000	1550	1578	1545	1559
2022/12/30	15:58:00	0.000	1541	1572	1555	1572

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	16:00:00	0.000	1536	1556	1520	1558
2022/12/30	16:02:00	0.000	1530	1564	1520	1527
2022/12/30	16:04:00	0.000	1538	1570	1516	1531
2022/12/30	16:06:00	0.000	1545	1570	1517	1567
2022/12/30	16:08:00	0.000	1554	1570	1537	1569
2022/12/30	16:10:00	0.000	1544	1567	1549	1572
2022/12/30	16:12:00	0.000	1545	1574	1518	1576
2022/12/30	16:14:00	0.000	1540	1574	1515	1548
2022/12/30	16:16:00	0.000	1550	1574	1531	1550
2022/12/30	16:18:00	0.000	1545	1576	1527	1545
2022/12/30	16:20:00	0.000	1556	1582	1524	1558
2022/12/30	16:22:00	0.000	1559	1580	1536	1559
2022/12/30	16:24:00	0.000	1560	1583	1539	1547
2022/12/30	16:26:00	0.000	1565	1586	1533	1553
2022/12/30	16:28:00	0.000	1561	1586	1539	1573
2022/12/30	16:30:00	0.000	1569	1590	1534	1557
2022/12/30	16:32:00	0.000	1571	1593	1525	1536
2022/12/30	16:34:00	0.000	1563	1599	1525	1537
2022/12/30	16:36:00	0.000	1555	1583	1528	1537
2022/12/30	16:38:00	0.000	1543	1576	1529	1547
2022/12/30	16:40:00	0.000	1550	1574	1526	1560
2022/12/30	16:42:00	0.000	1545	1572	1559	1577
2022/12/30	16:44:00	0.000	1545	1566	1559	1577
2022/12/30	16:46:00	0.000	1548	1567	1524	1564
2022/12/30	16:48:00	0.000	1540	1563	1515	1539
2022/12/30	16:50:00	0.000	1548	1572	1504	1543
2022/12/30	16:52:00	0.000	1516	1569	1525	1556
2022/12/30	16:54:00	0.000	1488	1527	1497	1525
2022/12/30	16:56:00	0.000	1457	1504	1504	1531
2022/12/30	16:58:00	0.000	1439	1479	1516	1535
2022/12/30	17:00:00	0.000	1451	1471	1516	1545
2022/12/30	17:02:00	0.000	1453	1484	1536	1562
2022/12/30	17:04:00	0.000	1462	1484	1528	1565
2022/12/30	17:06:00	0.000	1461	1488	1540	1576
2022/12/30	17:08:00	0.000	1466	1489	1539	1571
2022/12/30	17:10:00	0.000	1457	1490	1537	1572
2022/12/30	17:12:00	0.000	1450	1488	1534	1567
2022/12/30	17:14:00	0.000	1437	1472	1504	1534
2022/12/30	17:16:00	0.000	1428	1460	1499	1516
2022/12/30	17:18:00	0.000	1422	1454	1516	1537

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	17:20:00	0.000	1414	1448	1512	1547
2022/12/30	17:22:00	0.000	1424	1463	1547	1560
2022/12/30	17:24:00	0.000	1436	1474	1547	1582
2022/12/30	17:26:00	0.000	1443	1484	1551	1583
2022/12/30	17:28:00	0.000	1446	1485	1537	1561
2022/12/30	17:30:00	0.000	1431	1462	1534	1548
2022/12/30	17:32:00	0.000	1428	1457	1507	1536
2022/12/30	17:34:00	0.000	1409	1446	1503	1523
2022/12/30	17:36:00	0.000	1414	1442	1523	1550
2022/12/30	17:38:00	0.000	1424	1453	1540	1574
2022/12/30	17:40:00	0.000	1424	1455	1533	1559
2022/12/30	17:42:00	0.000	1431	1461	1535	1591
2022/12/30	17:44:00	0.000	1441	1472	1518	1583
2022/12/30	17:46:00	0.000	1424	1461	1510	1534
2022/12/30	17:48:00	0.000	1425	1455	1520	1534
2022/12/30	17:50:00	0.000	1422	1457	1518	1569
2022/12/30	17:52:00	0.000	1423	1449	1558	1570
2022/12/30	17:54:00	0.000	1406	1447	1537	1563
2022/12/30	17:56:00	0.000	1401	1432	1529	1551
2022/12/30	17:58:00	0.000	1383	1417	1482	1529
2022/12/30	18:00:00	0.000	1375	1404	1473	1523
2022/12/30	18:02:00	0.000	1364	1399	1523	1534
2022/12/30	18:04:00	0.000	1368	1403	1526	1549
2022/12/30	18:06:00	0.000	1371	1416	1538	1560
2022/12/30	18:08:00	0.000	1381	1410	1560	1572
2022/12/30	18:10:00	0.000	1384	1420	1550	1565
2022/12/30	18:12:00	0.000	1387	1419	1541	1565
2022/12/30	18:14:00	0.000	1380	1424	1533	1541
2022/12/30	18:16:00	0.000	1387	1419	1534	1547
2022/12/30	18:18:00	0.000	1387	1416	1526	1543
2022/12/30	18:20:00	0.000	1390	1417	1522	1541
2022/12/30	18:22:00	0.000	1384	1420	1531	1551
2022/12/30	18:24:00	0.000	1388	1425	1541	1555
2022/12/30	18:26:00	0.000	1393	1427	1539	1555
2022/12/30	18:28:00	0.000	1394	1424	1550	1560
2022/12/30	18:30:00	0.000	1390	1428	1543	1561
2022/12/30	18:32:00	0.000	1391	1424	1545	1556
2022/12/30	18:34:00	0.000	1391	1426	1539	1549
2022/12/30	18:36:00	0.000	1376	1421	1532	1549
2022/12/30	18:38:00	0.000	1361	1421	1499	1534

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	18:40:00	0.000	1369	1407	1488	1513
2022/12/30	18:42:00	0.000	1363	1409	1512	1570
2022/12/30	18:44:00	0.000	1361	1392	1539	1574
2022/12/30	18:46:00	0.000	1365	1408	1544	1560
2022/12/30	18:48:00	0.000	1382	1415	1545	1567
2022/12/30	18:50:00	0.000	1399	1431	1543	1578
2022/12/30	18:52:00	0.000	1421	1450	1555	1573
2022/12/30	18:54:00	0.000	1431	1469	1554	1566
2022/12/30	18:56:00	0.000	1448	1475	1539	1559
2022/12/30	18:58:00	0.000	1428	1462	1515	1543
2022/12/30	19:00:00	0.000	1419	1448	1499	1518
2022/12/30	19:02:00	0.000	1415	1466	1517	1539
2022/12/30	19:04:00	0.000	1423	1464	1533	1561
2022/12/30	19:06:00	0.000	1443	1473	1543	1569
2022/12/30	19:08:00	0.000	1448	1484	1547	1563
2022/12/30	19:10:00	0.000	1456	1483	1557	1582
2022/12/30	19:12:00	0.000	1461	1485	1535	1584
2022/12/30	19:14:00	0.000	1442	1480	1523	1539
2022/12/30	19:16:00	0.000	1423	1479	1528	1546
2022/12/30	19:18:00	0.000	1433	1468	1503	1530
2022/12/30	19:20:00	0.000	1430	1469	1497	1533
2022/12/30	19:22:00	0.000	1435	1465	1528	1556
2022/12/30	19:24:00	0.000	1425	1459	1540	1551
2022/12/30	19:26:00	0.000	1428	1462	1534	1545
2022/12/30	19:28:00	0.000	1440	1465	1527	1553
2022/12/30	19:30:00	0.000	1438	1472	1535	1556
2022/12/30	19:32:00	0.000	1442	1472	1550	1561
2022/12/30	19:34:00	0.000	1451	1479	1561	1576
2022/12/30	19:36:00	0.000	1448	1483	1553	1571
2022/12/30	19:38:00	0.000	1451	1477	1518	1555
2022/12/30	19:40:00	0.000	1443	1477	1500	1520
2022/12/30	19:42:00	0.000	1441	1472	1499	1549
2022/12/30	19:44:00	0.000	1431	1467	1499	1562
2022/12/30	19:46:00	0.000	1437	1467	1553	1572
2022/12/30	19:48:00	0.000	1427	1457	1518	1572
2022/12/30	19:50:00	0.000	1425	1453	1508	1529
2022/12/30	19:52:00	0.000	1429	1462	1520	1550
2022/12/30	19:54:00	0.000	1442	1471	1535	1560
2022/12/30	19:56:00	0.000	1440	1483	1560	1574
2022/12/30	19:58:00	0.000	1453	1484	1568	1574

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/30	20:00:00	0.000	1464	1486	1555	1574
2022/12/30	20:02:00	0.000	1460	1484	1545	1561
2022/12/30	20:04:00	0.000	1446	1479	1514	1545
2022/12/30	20:06:00	0.000	1442	1468	1508	1518
2022/12/30	20:08:00	0.000	1428	1465	1512	1520
2022/12/30	20:10:00	0.000	1428	1460	1520	1544
2022/12/30	20:12:00	0.000	1421	1453	1522	1531
2022/12/30	20:14:00	0.000	1424	1452	1522	1539
2022/12/30	20:16:00	0.000	1431	1462	1539	1585
2022/12/30	20:18:00	0.000	1437	1464	1553	1588
2022/12/30	20:20:00	0.000	1441	1470	1539	1566
2022/12/30	20:22:00	0.000	1437	1468	1525	1542
2022/12/30	20:24:00	0.000	1445	1477	1542	1561
2022/12/30	20:26:00	0.000	1439	1472	1514	1550
2022/12/30	20:28:00	0.000	1439	1468	1528	1543
2022/12/30	20:30:00	0.000	1435	1459	1515	1542
2022/12/30	20:32:00	0.000	1433	1457	1512	1548
2022/12/30	20:34:00	0.000	1428	1457	1539	1562
2022/12/30	20:36:00	0.000	1417	1453	1537	1566
2022/12/30	20:38:00	0.000	1407	1447	1523	1572
2022/12/30	20:40:00	0.000	1428	1453	1512	1526
2022/12/30	20:42:00	0.000	1435	1462	1522	1531
2022/12/30	20:44:00	0.000	1437	1475	1529	1547
2022/12/30	20:46:00	0.000	1439	1472	1535	1545
2022/12/30	20:48:00	0.000	1428	1464	1531	1569
2022/12/30	20:50:00	0.000	1420	1452	1553	1569
2022/12/30	20:52:00	0.000	1412	1446	1530	1556
2022/12/30	20:54:00	0.000	1407	1437	1525	1558
2022/12/30	20:56:00	0.000	1414	1451	1554	1566
2022/12/30	20:58:00	0.000	1424	1455	1528	1558
2022/12/30	21:00:00	0.000	1426	1468	1523	1547
2022/12/30	21:02:00	0.000	1434	1465	1544	1563
2022/12/30	21:04:00	0.000	1442	1469	1533	1556
2022/12/30	21:06:00	0.000	1441	1467	1532	1561
2022/12/30	21:08:00	0.000	1428	1460	1545	1559
2022/12/30	21:10:00	0.000	1437	1463	1515	1547
2022/12/30	21:12:00	0.000	1431	1457	1512	1525
2022/12/30	21:14:00	0.000	1419	1460	1517	1529
2022/12/30	21:16:00	0.000	1427	1457	1523	1549
2022/12/30	21:18:00	0.000	1427	1453	1531	1547

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	21:20:00	0.000	1425	1454	1541	1577
2022/12/30	21:22:00	0.000	1423	1453	1545	1577
2022/12/30	21:24:00	0.000	1417	1452	1536	1561
2022/12/30	21:26:00	0.000	1417	1446	1516	1536
2022/12/30	21:28:00	0.000	1414	1449	1510	1535
2022/12/30	21:30:00	0.000	1414	1448	1528	1543
2022/12/30	21:32:00	0.000	1409	1448	1525	1535
2022/12/30	21:34:00	0.000	1409	1444	1523	1551
2022/12/30	21:36:00	0.000	1401	1439	1547	1568
2022/12/30	21:38:00	0.000	1403	1431	1542	1566
2022/12/30	21:40:00	0.000	1394	1428	1537	1552
2022/12/30	21:42:00	0.000	1391	1428	1541	1561
2022/12/30	21:44:00	0.000	1400	1428	1508	1541
2022/12/30	21:46:00	0.000	1398	1428	1502	1526
2022/12/30	21:48:00	0.000	1392	1425	1525	1544
2022/12/30	21:50:00	0.000	1391	1419	1521	1539
2022/12/30	21:52:00	0.000	1391	1427	1516	1564
2022/12/30	21:54:00	0.000	1386	1417	1549	1569
2022/12/30	21:56:00	0.000	1383	1420	1547	1561
2022/12/30	21:58:00	0.000	1386	1419	1555	1566
2022/12/30	22:00:00	0.000	1378	1420	1516	1560
2022/12/30	22:02:00	0.000	1384	1421	1528	1536
2022/12/30	22:04:00	0.000	1389	1419	1529	1543
2022/12/30	22:06:00	0.000	1390	1424	1527	1552
2022/12/30	22:08:00	0.000	1383	1424	1518	1547
2022/12/30	22:10:00	0.000	1371	1415	1520	1551
2022/12/30	22:12:00	0.000	1363	1404	1524	1541
2022/12/30	22:14:00	0.000	1380	1415	1522	1545
2022/12/30	22:16:00	0.000	1381	1411	1539	1553
2022/12/30	22:18:00	0.000	1372	1417	1539	1566
2022/12/30	22:20:00	0.000	1378	1412	1534	1569
2022/12/30	22:22:00	0.000	1381	1409	1528	1550
2022/12/30	22:24:00	0.000	1372	1413	1548	1563
2022/12/30	22:26:00	0.000	1376	1411	1514	1564
2022/12/30	22:28:00	0.000	1377	1413	1515	1550
2022/12/30	22:30:00	0.000	1372	1406	1537	1556
2022/12/30	22:32:00	0.000	1374	1412	1540	1558
2022/12/30	22:34:00	0.000	1373	1414	1547	1566
2022/12/30	22:36:00	0.000	1383	1417	1523	1568
2022/12/30	22:38:00	0.000	1382	1417	1523	1545

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/30	22:40:00	0.000	1383	1420	1542	1550
2022/12/30	22:42:00	0.000	1382	1417	1528	1542
2022/12/30	22:44:00	0.000	1387	1421	1529	1561
2022/12/30	22:46:00	0.000	1391	1425	1529	1542
2022/12/30	22:48:00	0.000	1389	1426	1537	1550
2022/12/30	22:50:00	0.000	1390	1434	1528	1557
2022/12/30	22:52:00	0.000	1400	1428	1533	1553
2022/12/30	22:54:00	0.000	1384	1428	1549	1555
2022/12/30	22:56:00	0.000	1392	1431	1513	1549
2022/12/30	22:58:00	0.000	1392	1433	1535	1543
2022/12/30	23:00:00	0.000	1393	1429	1534	1566
2022/12/30	23:02:00	0.000	1400	1431	1552	1570
2022/12/30	23:04:00	0.000	1388	1424	1531	1552
2022/12/30	23:06:00	0.000	1388	1424	1534	1556
2022/12/30	23:08:00	0.000	1384	1424	1535	1557
2022/12/30	23:10:00	0.000	1386	1417	1520	1556
2022/12/30	23:12:00	0.000	1391	1417	1518	1527
2022/12/30	23:14:00	0.000	1385	1417	1526	1533
2022/12/30	23:16:00	0.000	1383	1418	1524	1553
2022/12/30	23:18:00	0.000	1388	1418	1553	1575
2022/12/30	23:20:00	0.000	1380	1416	1559	1575
2022/12/30	23:22:00	0.000	1372	1409	1523	1559
2022/12/30	23:24:00	0.000	1367	1410	1512	1533
2022/12/30	23:26:00	0.000	1372	1411	1511	1556
2022/12/30	23:28:00	0.000	1378	1407	1536	1556
2022/12/30	23:30:00	0.000	1363	1402	1539	1548
2022/12/30	23:32:00	0.000	1367	1399	1547	1558
2022/12/30	23:34:00	0.000	1360	1406	1525	1564
2022/12/30	23:36:00	0.000	1367	1406	1538	1564
2022/12/30	23:38:00	0.000	1361	1399	1543	1551
2022/12/30	23:40:00	0.000	1354	1398	1531	1547
2022/12/30	23:42:00	0.000	1358	1392	1520	1532
2022/12/30	23:44:00	0.000	1350	1391	1525	1545
2022/12/30	23:46:00	0.000	1354	1394	1510	1527
2022/12/30	23:48:00	0.000	1349	1389	1511	1533
2022/12/30	23:50:00	0.000	1344	1387	1531	1546
2022/12/30	23:52:00	0.000	1334	1382	1527	1539
2022/12/30	23:54:00	0.000	1347	1385	1520	1566
2022/12/30	23:56:00	0.000	1335	1380	1563	1572
2022/12/30	23:58:00	0.000	1330	1376	1561	1573



# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	00:00:00	0.000	1330	1372	1547	1563
2022/12/31	00:02:00	0.000	1335	1381	1534	1550
2022/12/31	00:04:00	0.000	1342	1382	1537	1549
2022/12/31	00:06:00	0.000	1345	1391	1529	1545
2022/12/31	00:08:00	0.000	1347	1383	1528	1551
2022/12/31	00:10:00	0.000	1339	1388	1540	1552
2022/12/31	00:12:00	0.000	1354	1388	1539	1563
2022/12/31	00:14:00	0.000	1355	1392	1546	1566
2022/12/31	00:16:00	0.000	1354	1395	1540	1553
2022/12/31	00:18:00	0.000	1353	1391	1538	1548
2022/12/31	00:20:00	0.000	1360	1398	1523	1539
2022/12/31	00:22:00	0.000	1357	1398	1532	1542
2022/12/31	00:24:00	0.000	1362	1403	1537	1560
2022/12/31	00:26:00	0.000	1363	1398	1529	1563
2022/12/31	00:28:00	0.000	1350	1394	1533	1547
2022/12/31	00:30:00	0.000	1347	1391	1516	1542
2022/12/31	00:32:00	0.000	1354	1387	1507	1525
2022/12/31	00:34:00	0.000	1349	1381	1525	1543
2022/12/31	00:36:00	0.000	1341	1380	1531	1549
2022/12/31	00:38:00	0.000	1336	1376	1515	1542
2022/12/31	00:40:00	0.000	1332	1364	1512	1560
2022/12/31	00:42:00	0.000	1317	1373	1555	1569
2022/12/31	00:44:00	0.000	1335	1373	1560	1575
2022/12/31	00:46:00	0.000	1337	1378	1555	1564
2022/12/31	00:48:00	0.000	1339	1373	1545	1556
2022/12/31	00:50:00	0.000	1339	1383	1523	1548
2022/12/31	00:52:00	0.000	1354	1387	1528	1537
2022/12/31	00:54:00	0.000	1354	1388	1526	1556
2022/12/31	00:56:00	0.000	1358	1385	1547	1562
2022/12/31	00:58:00	0.000	1365	1392	1546	1564
2022/12/31	01:00:00	0.000	1349	1394	1551	1564
2022/12/31	01:02:00	0.000	1360	1398	1530	1563
2022/12/31	01:04:00	0.000	1364	1402	1530	1556
2022/12/31	01:06:00	0.000	1372	1411	1528	1542
2022/12/31	01:08:00	0.000	1361	1393	1518	1534
2022/12/31	01:10:00	0.000	1374	1400	1502	1542
2022/12/31	01:12:00	0.000	1364	1402	1534	1556
2022/12/31	01:14:00	0.000	1371	1398	1545	1556
2022/12/31	01:16:00	0.000	1359	1391	1528	1553
2022/12/31	01:18:00	0.000	1360	1392	1553	1566

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	01:20:00	0.000	1358	1388	1550	1564
2022/12/31	01:22:00	0.000	1351	1394	1537	1564
2022/12/31	01:24:00	0.000	1359	1392	1535	1554
2022/12/31	01:26:00	0.000	1354	1396	1528	1551
2022/12/31	01:28:00	0.000	1349	1392	1541	1553
2022/12/31	01:30:00	0.000	1358	1390	1545	1557
2022/12/31	01:32:00	0.000	1352	1389	1521	1551
2022/12/31	01:34:00	0.000	1350	1391	1508	1521
2022/12/31	01:36:00	0.000	1349	1390	1518	1541
2022/12/31	01:38:00	0.000	1355	1390	1534	1550
2022/12/31	01:40:00	0.000	1351	1392	1526	1545
2022/12/31	01:42:00	0.000	1335	1383	1531	1546
2022/12/31	01:44:00	0.000	1343	1380	1520	1542
2022/12/31	01:46:00	0.000	1343	1385	1535	1553
2022/12/31	01:48:00	0.000	1343	1383	1547	1561
2022/12/31	01:50:00	0.000	1347	1378	1558	1562
2022/12/31	01:52:00	0.000	1334	1380	1551	1558
2022/12/31	01:54:00	0.000	1328	1376	1547	1558
2022/12/31	01:56:00	0.000	1340	1380	1522	1548
2022/12/31	01:58:00	0.000	1335	1380	1528	1548
2022/12/31	02:00:00	0.000	1350	1382	1534	1555
2022/12/31	02:02:00	0.000	1345	1377	1520	1537
2022/12/31	02:04:00	0.000	1345	1378	1520	1540
2022/12/31	02:06:00	0.000	1328	1372	1516	1537
2022/12/31	02:08:00	0.000	1328	1373	1516	1547
2022/12/31	02:10:00	0.000	1333	1384	1534	1548
2022/12/31	02:12:00	0.000	1322	1374	1531	1554
2022/12/31	02:14:00	0.000	1355	1392	1554	1580
2022/12/31	02:16:00	0.000	1360	1396	1570	1588
2022/12/31	02:18:00	0.000	1369	1407	1563	1578
2022/12/31	02:20:00	0.000	1370	1404	1557	1572
2022/12/31	02:22:00	0.000	1361	1392	1532	1557
2022/12/31	02:24:00	0.000	1361	1394	1529	1547
2022/12/31	02:26:00	0.000	1354	1383	1506	1529
2022/12/31	02:28:00	0.000	1340	1379	1506	1523
2022/12/31	02:30:00	0.000	1338	1372	1509	1528
2022/12/31	02:32:00	0.000	1339	1384	1512	1543
2022/12/31	02:34:00	0.000	1362	1411	1543	1575
2022/12/31	02:36:00	0.000	1372	1406	1572	1581
2022/12/31	02:38:00	0.000	1354	1398	1540	1572

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	02:40:00	0.000	1347	1388	1520	1540
2022/12/31	02:42:00	0.000	1343	1388	1507	1527
2022/12/31	02:44:00	0.000	1337	1388	1506	1529
2022/12/31	02:46:00	0.000	1344	1380	1515	1556
2022/12/31	02:48:00	0.000	1333	1376	1555	1562
2022/12/31	02:50:00	0.000	1331	1380	1550	1559
2022/12/31	02:52:00	0.000	1347	1392	1552	1577
2022/12/31	02:54:00	0.000	1368	1406	1560	1576
2022/12/31	02:56:00	0.000	1361	1403	1543	1560
2022/12/31	02:58:00	0.000	1351	1394	1521	1549
2022/12/31	03:00:00	0.000	1347	1388	1491	1521
2022/12/31	03:02:00	0.000	1354	1380	1507	1521
2022/12/31	03:04:00	0.000	1338	1381	1512	1537
2022/12/31	03:06:00	0.000	1338	1380	1537	1563
2022/12/31	03:08:00	0.000	1335	1372	1534	1560
2022/12/31	03:10:00	0.000	1334	1376	1533	1558
2022/12/31	03:12:00	0.000	1350	1388	1552	1561
2022/12/31	03:14:00	0.000	1346	1387	1556	1575
2022/12/31	03:16:00	0.000	1354	1393	1542	1564
2022/12/31	03:18:00	0.000	1355	1400	1527	1542
2022/12/31	03:20:00	0.000	1358	1394	1527	1547
2022/12/31	03:22:00	0.000	1365	1393	1531	1547
2022/12/31	03:24:00	0.000	1358	1398	1520	1531
2022/12/31	03:26:00	0.000	1360	1394	1518	1531
2022/12/31	03:28:00	0.000	1363	1398	1526	1545
2022/12/31	03:30:00	0.000	1363	1402	1543	1561
2022/12/31	03:32:00	0.000	1365	1405	1561	1580
2022/12/31	03:34:00	0.000	1365	1401	1548	1579
2022/12/31	03:36:00	0.000	1371	1396	1536	1556
2022/12/31	03:38:00	0.000	1368	1407	1516	1557
2022/12/31	03:40:00	0.000	1358	1402	1495	1518
2022/12/31	03:42:00	0.000	1376	1417	1518	1576
2022/12/31	03:44:00	0.000	1387	1420	1576	1593
2022/12/31	03:46:00	0.000	1388	1421	1550	1588
2022/12/31	03:48:00	0.000	1383	1417	1537	1560
2022/12/31	03:50:00	0.000	1374	1418	1536	1557
2022/12/31	03:52:00	0.000	1365	1411	1515	1536
2022/12/31	03:54:00	0.000	1354	1394	1500	1519
2022/12/31	03:56:00	0.000	1354	1392	1507	1518
2022/12/31	03:58:00	0.000	1358	1397	1511	1556

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	04:00:00	0.000	1367	1398	1555	1576
2022/12/31	04:02:00	0.000	1363	1392	1567	1576
2022/12/31	04:04:00	0.000	1358	1393	1543	1568
2022/12/31	04:06:00	0.000	1358	1396	1537	1555
2022/12/31	04:08:00	0.000	1358	1396	1513	1540
2022/12/31	04:10:00	0.000	1362	1392	1514	1540
2022/12/31	04:12:00	0.000	1357	1394	1518	1543
2022/12/31	04:14:00	0.000	1343	1389	1523	1546
2022/12/31	04:16:00	0.000	1353	1392	1532	1544
2022/12/31	04:18:00	0.000	1355	1388	1531	1544
2022/12/31	04:20:00	0.000	1347	1389	1535	1554
2022/12/31	04:22:00	0.000	1345	1384	1535	1555
2022/12/31	04:24:00	0.000	1341	1384	1535	1552
2022/12/31	04:26:00	0.000	1349	1384	1519	1548
2022/12/31	04:28:00	0.000	1351	1382	1518	1539
2022/12/31	04:30:00	0.000	1341	1383	1515	1536
2022/12/31	04:32:00	0.000	1343	1375	1522	1539
2022/12/31	04:34:00	0.000	1345	1376	1525	1564
2022/12/31	04:36:00	0.000	1346	1381	1557	1581
2022/12/31	04:38:00	0.000	1331	1376	1563	1582
2022/12/31	04:40:00	0.000	1343	1383	1529	1574
2022/12/31	04:42:00	0.000	1344	1380	1523	1545
2022/12/31	04:44:00	0.000	1353	1396	1521	1532
2022/12/31	04:46:00	0.000	1358	1404	1523	1551
2022/12/31	04:48:00	0.000	1361	1402	1551	1558
2022/12/31	04:50:00	0.000	1368	1402	1552	1567
2022/12/31	04:52:00	0.000	1354	1394	1518	1552
2022/12/31	04:54:00	0.000	1363	1398	1525	1545
2022/12/31	04:56:00	0.000	1360	1392	1538	1553
2022/12/31	04:58:00	0.000	1357	1394	1528	1547
2022/12/31	05:00:00	0.000	1343	1388	1515	1535
2022/12/31	05:02:00	0.000	1347	1393	1512	1550
2022/12/31	05:04:00	0.000	1351	1382	1518	1556
2022/12/31	05:06:00	0.000	1343	1376	1509	1553
2022/12/31	05:08:00	0.000	1341	1376	1541	1556
2022/12/31	05:10:00	0.000	1329	1375	1539	1557
2022/12/31	05:12:00	0.000	1328	1373	1549	1558
2022/12/31	05:14:00	0.000	1328	1376	1542	1553
2022/12/31	05:16:00	0.000	1339	1373	1545	1555
2022/12/31	05:18:00	0.000	1328	1372	1547	1563

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	05:20:00	0.000	1328	1372	1540	1558
2022/12/31	05:22:00	0.000	1339	1376	1539	1560
2022/12/31	05:24:00	0.000	1345	1380	1533	1539
2022/12/31	05:26:00	0.000	1332	1372	1533	1539
2022/12/31	05:28:00	0.000	1328	1365	1512	1533
2022/12/31	05:30:00	0.000	1330	1370	1512	1537
2022/12/31	05:32:00	0.000	1333	1363	1512	1534
2022/12/31	05:34:00	0.000	1337	1372	1514	1553
2022/12/31	05:36:00	0.000	1329	1373	1553	1568
2022/12/31	05:38:00	0.000	1328	1367	1547	1574
2022/12/31	05:40:00	0.000	1319	1362	1535	1547
2022/12/31	05:42:00	0.000	1313	1364	1526	1545
2022/12/31	05:44:00	0.000	1328	1365	1528	1544
2022/12/31	05:46:00	0.000	1321	1354	1511	1532
2022/12/31	05:48:00	0.000	1309	1354	1511	1540
2022/12/31	05:50:00	0.000	1301	1353	1539	1564
2022/12/31	05:52:00	0.000	1310	1358	1553	1567
2022/12/31	05:54:00	0.000	1305	1351	1548	1559
2022/12/31	05:56:00	0.000	1303	1358	1543	1558
2022/12/31	05:58:00	0.000	1281	1358	1544	1549
2022/12/31	06:00:00	0.000	1321	1368	1531	1565
2022/12/31	06:02:00	0.000	1335	1380	1527	1558
2022/12/31	06:04:00	0.000	1333	1372	1533	1558
2022/12/31	06:06:00	0.000	1311	1361	1533	1561
2022/12/31	06:08:00	0.000	1311	1362	1523	1545
2022/12/31	06:10:00	0.000	1314	1356	1528	1536
2022/12/31	06:12:00	0.000	1310	1348	1526	1533
2022/12/31	06:14:00	0.000	1298	1353	1510	1537
2022/12/31	06:16:00	0.000	1301	1350	1537	1545
2022/12/31	06:18:00	0.000	1284	1349	1539	1554
2022/12/31	06:20:00	0.000	1304	1357	1547	1558
2022/12/31	06:22:00	0.000	1305	1353	1555	1563
2022/12/31	06:24:00	0.000	1317	1358	1533	1558
2022/12/31	06:26:00	0.000	1314	1354	1535	1566
2022/12/31	06:28:00	0.000	1316	1358	1556	1566
2022/12/31	06:30:00	0.000	1308	1358	1537	1566
2022/12/31	06:32:00	0.000	1321	1363	1537	1545
2022/12/31	06:34:00	0.000	1336	1370	1542	1567
2022/12/31	06:36:00	0.000	1349	1384	1554	1570
2022/12/31	06:38:00	0.000	1347	1384	1541	1569

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	06:40:00	0.000	1358	1392	1539	1552
2022/12/31	06:42:00	0.000	1358	1392	1541	1550
2022/12/31	06:44:00	0.000	1365	1397	1541	1556
2022/12/31	06:46:00	0.000	1364	1404	1535	1564
2022/12/31	06:48:00	0.000	1369	1413	1502	1558
2022/12/31	06:50:00	0.000	1388	1421	1553	1562
2022/12/31	06:52:00	0.000	1396	1428	1553	1570
2022/12/31	06:54:00	0.000	1396	1424	1512	1553
2022/12/31	06:56:00	0.000	1388	1421	1512	1523
2022/12/31	06:58:00	0.000	1372	1407	1523	1554
2022/12/31	07:00:00	0.000	1376	1416	1531	1550
2022/12/31	07:02:00	0.000	1372	1408	1515	1537
2022/12/31	07:04:00	0.000	1369	1407	1515	1542
2022/12/31	07:06:00	0.000	1372	1413	1539	1568
2022/12/31	07:08:00	0.000	1369	1408	1518	1551
2022/12/31	07:10:00	0.000	1372	1407	1510	1555
2022/12/31	07:12:00	0.000	1365	1400	1547	1565
2022/12/31	07:14:00	0.000	1365	1390	1534	1550
2022/12/31	07:16:00	0.000	1363	1396	1535	1547
2022/12/31	07:18:00	0.000	1363	1406	1547	1554
2022/12/31	07:20:00	0.000	1365	1398	1537	1556
2022/12/31	07:22:00	0.000	1360	1392	1543	1556
2022/12/31	07:24:00	0.000	1357	1394	1515	1547
2022/12/31	07:26:00	0.000	1355	1391	1517	1543
2022/12/31	07:28:00	0.000	1361	1394	1520	1543
2022/12/31	07:30:00	0.000	1364	1391	1506	1558
2022/12/31	07:32:00	0.000	1361	1394	1537	1571
2022/12/31	07:34:00	0.000	1367	1401	1537	1562
2022/12/31	07:36:00	0.000	1376	1404	1542	1580
2022/12/31	07:38:00	0.000	1368	1405	1543	1561
2022/12/31	07:40:00	0.000	1375	1415	1530	1558
2022/12/31	07:42:00	0.000	1386	1415	1522	1533
2022/12/31	07:44:00	0.000	1394	1421	1527	1552
2022/12/31	07:46:00	0.000	1383	1420	1539	1555
2022/12/31	07:48:00	0.000	1390	1415	1516	1539
2022/12/31	07:50:00	0.000	1379	1419	1505	1564
2022/12/31	07:52:00	0.000	1383	1416	1563	1584
2022/12/31	07:54:00	0.000	1383	1416	1528	1582
2022/12/31	07:56:00	0.000	1372	1415	1508	1534
2022/12/31	07:58:00	0.000	1370	1417	1506	1542

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	08:00:00	0.000	1382	1413	1525	1554
2022/12/31	08:02:00	0.000	1380	1407	1554	1572
2022/12/31	08:04:00	0.000	1368	1411	1517	1564
2022/12/31	08:06:00	0.000	1380	1411	1509	1525
2022/12/31	08:08:00	0.000	1372	1414	1525	1563
2022/12/31	08:10:00	0.000	1369	1409	1541	1562
2022/12/31	08:12:00	0.000	1372	1409	1545	1558
2022/12/31	08:14:00	0.000	1373	1409	1529	1554
2022/12/31	08:16:00	0.000	1372	1404	1533	1549
2022/12/31	08:18:00	0.000	1366	1406	1524	1545
2022/12/31	08:20:00	0.000	1369	1406	1531	1551
2022/12/31	08:22:00	0.000	1374	1407	1547	1566
2022/12/31	08:24:00	0.000	1380	1409	1537	1560
2022/12/31	08:26:00	0.000	1369	1407	1542	1555
2022/12/31	08:28:00	0.000	1372	1409	1519	1556
2022/12/31	08:30:00	0.000	1367	1409	1516	1538
2022/12/31	08:32:00	0.000	1377	1408	1533	1557
2022/12/31	08:34:00	0.000	1378	1408	1521	1550
2022/12/31	08:36:00	0.000	1368	1406	1523	1544
2022/12/31	08:38:00	0.000	1357	1399	1509	1549
2022/12/31	08:40:00	0.000	1355	1396	1496	1542
2022/12/31	08:42:00	0.000	1368	1406	1542	1591
2022/12/31	08:44:00	0.000	1370	1398	1568	1591
2022/12/31	08:46:00	0.000	1369	1404	1525	1574
2022/12/31	08:48:00	0.000	1363	1399	1499	1533
2022/12/31	08:50:00	0.000	1365	1394	1499	1516
2022/12/31	08:52:00	0.000	1365	1402	1507	1556
2022/12/31	08:54:00	0.000	1362	1403	1512	1546
2022/12/31	08:56:00	0.000	1366	1411	1543	1569
2022/12/31	08:58:00	0.000	1372	1406	1536	1556
2022/12/31	09:00:00	0.000	1376	1407	1537	1570
2022/12/31	09:02:00	0.000	1373	1411	1551	1572
2022/12/31	09:04:00	0.000	1383	1415	1528	1567
2022/12/31	09:06:00	0.000	1376	1412	1545	1580
2022/12/31	09:08:00	0.000	1372	1409	1510	1553
2022/12/31	09:10:00	0.000	1354.000	1420.000	1483.000	1523.000
2022/12/31	09:12:00	0.000	1367	1414	1507	1544
2022/12/31	09:14:00	0.000	1374	1406	1495	1554
2022/12/31	09:16:00	0.000	1367	1398	1554	1582
2022/12/31	09:18:00	0.000	1345	1392	1543	1566

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	09:20:00	0.000	1347	1392	1546	1561
2022/12/31	09:22:00	0.000	1369	1394	1539	1558
2022/12/31	09:24:00	0.000	1372	1398	1536	1560
2022/12/31	09:26:00	0.000	1368	1406	1537	1561
2022/12/31	09:28:00	0.000	1378	1414	1541	1559
2022/12/31	09:30:00	0.000	1373	1417	1547	1569
2022/12/31	09:32:00	0.000	1373	1416	1508	1547
2022/12/31	09:34:00	0.000	1376	1414	1497	1535
2022/12/31	09:36:00	0.000	1366	1412	1502	1561
2022/12/31	09:38:00	0.000	1368	1407	1553	1566
2022/12/31	09:40:00	0.000	1357	1402	1558	1572
2022/12/31	09:42:00	0.000	1359	1396	1527	1572
2022/12/31	09:44:00	0.000	1355	1392	1514	1537
2022/12/31	09:46:00	0.000	1344	1378	1516	1544
2022/12/31	09:48:00	0.000	1341	1383	1505	1521
2022/12/31	09:50:00	0.000	1349	1394	1514	1573
2022/12/31	09:52:00	0.000	1352	1395	1550	1587
2022/12/31	09:54:00	0.000	1354	1404	1511	1554
2022/12/31	09:56:00	0.000	1376	1400	1505	1572
2022/12/31	09:58:00	0.000	1370	1407	1549	1584
2022/12/31	10:00:00	0.000	1359	1399	1539	1566
2022/12/31	10:02:00	0.000	1339	1390	1518	1539
2022/12/31	10:04:00	0.000	1337	1382	1467	1528
2022/12/31	10:06:00	0.000	1339	1380	1490	1532
2022/12/31	10:08:00	0.000	1344	1379	1518	1530
2022/12/31	10:10:00	0.000	1338	1380	1505	1531
2022/12/31	10:12:00	0.000	1333	1378	1518	1566
2022/12/31	10:14:00	0.000	1333	1391	1539	1563
2022/12/31	10:16:00	0.000	1345	1383	1537	1562
2022/12/31	10:18:00	0.000	1336	1390	1549	1572
2022/12/31	10:20:00	0.000	1349	1394	1534	1563
2022/12/31	10:22:00	0.000	1354	1387	1537	1564
2022/12/31	10:24:00	0.000	1351	1388	1530	1554
2022/12/31	10:26:00	0.000	1358	1388	1533	1566
2022/12/31	10:28:00	0.000	1354	1396	1545	1559
2022/12/31	10:30:00	0.000	1354	1394	1542	1560
2022/12/31	10:32:00	0.000	1353	1397	1541	1559
2022/12/31	10:34:00	0.000	1351	1399	1541	1556
2022/12/31	10:36:00	0.000	1354	1396	1532	1563
2022/12/31	10:38:00	0.000	1345	2117	1531	1949



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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	10:40:00	0.000	2	2149	998	2005
2022/12/31	10:42:00	0.000	3	3	586	998
2022/12/31	10:44:00	0.000	3	3	419	586
2022/12/31	10:46:00	0.000	3	3	327	419
2022/12/31	10:48:00	0.000	3	3	269	327
2022/12/31	10:50:00	0.000	2	3	228	269
2022/12/31	10:52:00	0.000	3	3	197	228
2022/12/31	10:54:00	0.000	3	3	174	197
2022/12/31	10:56:00	0.000	3	3	160	174
2022/12/31	10:58:00	0.000	3	3	147	160
2022/12/31	11:00:00	0.000	3	3	139	147
2022/12/31	11:02:00	0.000	3	3	129	139
2022/12/31	11:04:00	0.000	3	3	122	129
2022/12/31	11:06:00	0.000	3	3	114	122
2022/12/31	11:08:00	0.000	3	3	110	114
2022/12/31	11:10:00	0.000	3	3	106	110
2022/12/31	11:12:00	0.000	3	3	104	106
2022/12/31	11:14:00	0.000	3	3	101	104
2022/12/31	11:16:00	0.000	3	3	99	102
2022/12/31	11:18:00	0.000	3	3	96	99
2022/12/31	11:20:00	0.000	3	3	93	96
2022/12/31	11:22:00	0.000	3	3	91	93
2022/12/31	11:24:00	0.000	3	3	89	91
2022/12/31	11:26:00	0.000	3	3	87	89
2022/12/31	11:28:00	0.000	3	3	86	87
2022/12/31	11:30:00	0.000	3	3	85	86
2022/12/31	11:32:00	0.000	3	3	85	85
2022/12/31	11:34:00	0.000	3	3	84	85
2022/12/31	11:36:00	0.000	3	3	82	84
2022/12/31	11:38:00	0.000	3	3	80	82
2022/12/31	11:40:00	0.000	3	3	79	80
2022/12/31	11:42:00	0.000	3	3	77	79
2022/12/31	11:44:00	0.000	3	3	77	77
2022/12/31	11:46:00	0.000	3	3	75	77
2022/12/31	11:48:00	0.000	3	3	74	75
2022/12/31	11:50:00	0.000	3	3	73	74
2022/12/31	11:52:00	0.000	3	3	72	73
2022/12/31	11:54:00	0.000	3	3	71	72
2022/12/31	11:56:00	0.000	3	3	71	72
2022/12/31	11:58:00	0.000	3	3	71	72

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/31	12:00:00	0.000	3	3	71	71
2022/12/31	12:02:00	0.000	3	3	70	71
2022/12/31	12:04:00	0.000	3	3	69	70
2022/12/31	12:06:00	0.000	3	3	68	69
2022/12/31	12:08:00	0.000	3	3	68	69
2022/12/31	12:10:00	0.000	3	3	68	69
2022/12/31	12:12:00	0.000	3	3	68	69
2022/12/31	12:14:00	0.000	3	3	68	69
2022/12/31	12:16:00	0.000	3	3	67	68
2022/12/31	12:18:00	0.000	3	3	66	67
2022/12/31	12:20:00	0.000	3	3	66	67
2022/12/31	12:22:00	0.000	3	3	66	66
2022/12/31	12:24:00	0.000	3	3	65	66
2022/12/31	12:26:00	0.000	3	3	65	65
2022/12/31	12:28:00	0.000	3	3	64	65
2022/12/31	12:30:00	0.000	3	3	63	64
2022/12/31	12:32:00	0.000	3	3	63	64
2022/12/31	12:34:00	0.000	3	3	64	64
2022/12/31	12:36:00	0.000	3	3	64	64
2022/12/31	12:38:00	0.000	3	3	64	64
2022/12/31	12:40:00	0.000	3	3	63	64
2022/12/31	12:42:00	0.000	3	3	63	63
2022/12/31	12:44:00	0.000	3	3	63	63
2022/12/31	12:46:00	0.000	3	3	63	63
2022/12/31	12:48:00	0.000	3	3	63	63
2022/12/31	12:50:00	0.000	3	3	63	63
2022/12/31	12:52:00	0.000	3	3	63	63
2022/12/31	12:54:00	0.000	3	3	63	63
2022/12/31	12:56:00	0.000	3	3	63	63
2022/12/31	12:58:00	0.000	3	3	63	63
2022/12/31	13:00:00	0.000	3	3	63	63
2022/12/31	13:02:00	0.000	3	3	63	63
2022/12/31	13:04:00	0.000	3	3	63	63
2022/12/31	13:06:00	0.000	3	3	63	63
2022/12/31	13:08:00	0.000	3	3	63	63
2022/12/31	13:10:00	0.000	3	3	63	63
2022/12/31	13:12:00	0.000	3	3	63	63
2022/12/31	13:14:00	0.000	3	3	63	63
2022/12/31	13:16:00	0.000	3	3	63	63
2022/12/31	13:18:00	0.000	3	3	62	63

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	13:20:00	0.000	3	3	62	63
2022/12/31	13:22:00	0.000	3	3	62	63
2022/12/31	13:24:00	0.000	3	3	63	63
2022/12/31	13:26:00	0.000	3	3	62	63
2022/12/31	13:28:00	0.000	3	3	62	63
2022/12/31	13:30:00	0.000	3	3	62	63
2022/12/31	13:32:00	0.000	3	3	62	62
2022/12/31	13:34:00	0.000	3	3	62	62
2022/12/31	13:36:00	0.000	3	3	62	63
2022/12/31	13:38:00	0.000	3	3	61	63
2022/12/31	13:40:00	0.000	3	3	61	63
2022/12/31	13:42:00	0.000	3	3	62	63
2022/12/31	13:44:00	0.000	3	3	63	63
2022/12/31	13:46:00	0.000	3	3	61	63
2022/12/31	13:48:00	0.000	3	3	61	61
2022/12/31	13:50:00	0.000	3	3	59	61
2022/12/31	13:52:00	0.000	3	3	59	60
2022/12/31	13:54:00	0.000	3	3	58	59
2022/12/31	13:56:00	0.000	3	2407	58	1677
2022/12/31	13:58:00	0.000	2182	2279	1607	1679
2022/12/31	14:00:00	0.000	2178	2207	1571	1611
2022/12/31	14:02:00	0.000	2181	2213	1571	1605
2022/12/31	14:04:00	0.000	2181	2206	1557	1626
2022/12/31	14:06:00	0.000	2170	2198	1625	1663
2022/12/31	14:08:00	0.000	2179	2197	1651	1762
2022/12/31	14:10:00	0.000	2183	2203	1623	1693
2022/12/31	14:12:00	0.000	2181	2202	1620	1656
2022/12/31	14:14:00	0.000	2181	2201	1646	1658
2022/12/31	14:16:00	0.000	2166	2200	1655	1812
2022/12/31	14:18:00	0.000	3	2183	1133	1829
2022/12/31	14:20:00	0.000	3	3	605	1133
2022/12/31	14:22:00	0.000	3	3	344	605
2022/12/31	14:24:00	0.000	3	3	217	344
2022/12/31	14:26:00	0.000	3	3	155	217
2022/12/31	14:28:00	0.000	3	3	108	155
2022/12/31	14:30:00	0.000	3	2324	96	1723
2022/12/31	14:32:00	0.000	2065	2189	1639	1754
2022/12/31	14:34:00	0.000	2012	2077	1706	1788
2022/12/31	14:36:00	0.000	2023	2053	1713	1760
2022/12/31	14:38:00	0.000	3	2042	1196	1847

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/31	14:40:00	0.000	3	2253	704	1196
2022/12/31	14:42:00	0.000	1822	2125	1046	1585
2022/12/31	14:44:00	0.000	1802	1829	1469	1568
2022/12/31	14:46:00	0.000	1803	1831	1531	1569
2022/12/31	14:48:00	0.000	1810	1839	1521	1591
2022/12/31	14:50:00	0.000	1822	1838	1518	1580
2022/12/31	14:52:00	0.000	1802	1844	1522	1574
2022/12/31	14:54:00	0.000	1729	1805	1505	1574
2022/12/31	14:56:00	0.000	1676	1748	1417	1505
2022/12/31	14:58:00	0.000	3	2198	844	1432
2022/12/31	15:00:00	0.000	1868	2166	1020	1760
2022/12/31	15:02:00	0.000	1835	1887	1609	1642
2022/12/31	15:04:00	0.000	1808	1852	1581	1659
2022/12/31	15:06:00	0.000	1807	1837	1510	1584
2022/12/31	15:08:00	0.000	1810	1846	1546	1589
2022/12/31	15:10:00	0.000	1835	1894	1534	1624
2022/12/31	15:12:00	0.000	1876	1908	1596	1652
2022/12/31	15:14:00	0.000	1880	1920	1572	1640
2022/12/31	15:16:00	0.000	1880	1921	1615	1664
2022/12/31	15:18:00	0.000	1854	1897	1598	1623
2022/12/31	15:20:00	0.000	1835	1869	1469	1623
2022/12/31	15:22:00	0.000	1858	1905	1448	1570
2022/12/31	15:24:00	0.000	1860	1901	1561	1636
2022/12/31	15:26:00	0.000	1873	1981	1576	1690
2022/12/31	15:28:00	0.000	1979	2018	1614	1685
2022/12/31	15:30:00	0.000	1999	2024	1626	1740
2022/12/31	15:32:00	0.000	1979	2011	1560	1626
2022/12/31	15:34:00	0.000	1972	2000	1572	1623
2022/12/31	15:36:00	0.000	1898	1984	1590	1628
2022/12/31	15:38:00	0.000	1795	1898	1508	1631
2022/12/31	15:40:00	0.000	1763	1813	1408	1508
2022/12/31	15:42:00	0.000	3	1773	741	1416
2022/12/31	15:44:00	0.000	3	3	452	741
2022/12/31	15:46:00	0.000	3	3	324	452
2022/12/31	15:48:00	0.000	3	3	238	324
2022/12/31	15:50:00	0.000	3	3	184	238
2022/12/31	15:52:00	0.000	3	3	153	184
2022/12/31	15:54:00	0.000	3	3	139	153
2022/12/31	15:56:00	0.000	3	3	131	139
2022/12/31	15:58:00	0.000	3	3	120	131

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	16:00:00	0.000	3	3	109	120
2022/12/31	16:02:00	0.000	3	3	96	109
2022/12/31	16:04:00	0.000	3	3	87	96
2022/12/31	16:06:00	0.000	3	3	85	88
2022/12/31	16:08:00	0.000	3	3	85	93
2022/12/31	16:10:00	0.000	3	3	93	94
2022/12/31	16:12:00	0.000	3	3	90	94
2022/12/31	16:14:00	0.000	3	3	85	90
2022/12/31	16:16:00	0.000	3	3	79	85
2022/12/31	16:18:00	0.000	3	3	77	80
2022/12/31	16:20:00	0.000	3	3	76	77
2022/12/31	16:22:00	0.000	3	3	75	76
2022/12/31	16:24:00	0.000	3	3	71	75
2022/12/31	16:26:00	0.000	3	3	71	72
2022/12/31	16:28:00	0.000	3	3	71	72
2022/12/31	16:30:00	0.000	3	3	69	71
2022/12/31	16:32:00	0.000	3	3	69	71
2022/12/31	16:34:00	0.000	3	3	68	69
2022/12/31	16:36:00	0.000	3	3	66	68
2022/12/31	16:38:00	0.000	3	3	66	67
2022/12/31	16:40:00	0.000	3	1924	64	67
2022/12/31	16:42:00	0.000	1689	1838	64	1573
2022/12/31	16:44:00	0.000	1681	1709	1560	1582
2022/12/31	16:46:00	0.000	1699	1746	1512	1571
2022/12/31	16:48:00	0.000	1681	1740	1502	1532
2022/12/31	16:50:00	0.000	1656	1700	1502	1513
2022/12/31	16:52:00	0.000	1655	1681	1438	1549
2022/12/31	16:54:00	0.000	1661	1690	1548	1587
2022/12/31	16:56:00	0.000	1670	1696	1548	1617
2022/12/31	16:58:00	0.000	1655	1681	1491	1583
2022/12/31	17:00:00	0.000	1642	1674	1483	1528
2022/12/31	17:02:00	0.000	1636	1661	1528	1562
2022/12/31	17:04:00	0.000	1617	1648	1538	1561
2022/12/31	17:06:00	0.000	1615	1644	1547	1574
2022/12/31	17:08:00	0.000	1619	1644	1518	1569
2022/12/31	17:10:00	0.000	1619	1649	1515	1545
2022/12/31	17:12:00	0.000	1625	1644	1522	1539
2022/12/31	17:14:00	0.000	1602	1639	1483	1559
2022/12/31	17:16:00	0.000	1590	1619	1482	1534
2022/12/31	17:18:00	0.000	1593	1617	1525	1558

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	17:20:00	0.000	1608	1627	1518	1566
2022/12/31	17:22:00	0.000	1608	1633	1484	1539
2022/12/31	17:24:00	0.000	1608	1626	1539	1579
2022/12/31	17:26:00	0.000	1592	1621	1530	1597
2022/12/31	17:28:00	0.000	1587	1604	1507	1541
2022/12/31	17:30:00	0.000	1576	1600	1504	1512
2022/12/31	17:32:00	0.000	1571	1594	1506	1543
2022/12/31	17:34:00	0.000	1571	1607	1525	1542
2022/12/31	17:36:00	0.000	1582	1619	1542	1586
2022/12/31	17:38:00	0.000	1596	1620	1545	1589
2022/12/31	17:40:00	0.000	1585	1611	1529	1562
2022/12/31	17:42:00	0.000	1559	1590	1512	1555
2022/12/31	17:44:00	0.000	1563	1590	1516	1535
2022/12/31	17:46:00	0.000	1574	1599	1503	1574
2022/12/31	17:48:00	0.000	1574	1599	1494	1572
2022/12/31	17:50:00	0.000	1560	1597	1500	1573
2022/12/31	17:52:00	0.000	1556	1584	1499	1531
2022/12/31	17:54:00	0.000	1549	1578	1531	1576
2022/12/31	17:56:00	0.000	1550	1574	1530	1554
2022/12/31	17:58:00	0.000	1556	1583	1539	1578
2022/12/31	18:00:00	0.000	1556	1589	1536	1582
2022/12/31	18:02:00	0.000	1574	1597	1537	1581
2022/12/31	18:04:00	0.000	1569	1593	1501	1574
2022/12/31	18:06:00	0.000	1555	1585	1499	1521
2022/12/31	18:08:00	0.000	1551	1582	1518	1555
2022/12/31	18:10:00	0.000	1553	1572	1502	1556
2022/12/31	18:12:00	0.000	1548	1571	1504	1543
2022/12/31	18:14:00	0.000	1540	1566	1542	1591
2022/12/31	18:16:00	0.000	1535	1563	1552	1613
2022/12/31	18:18:00	0.000	1537	1563	1518	1552
2022/12/31	18:20:00	0.000	1534	1564	1502	1547
2022/12/31	18:22:00	0.000	1541	1563	1502	1518
2022/12/31	18:24:00	0.000	1538	1560	1512	1545
2022/12/31	18:26:00	0.000	1536	1559	1539	1578
2022/12/31	18:28:00	0.000	1534	1561	1547	1588
2022/12/31	18:30:00	0.000	1529	1561	1553	1586
2022/12/31	18:32:00	0.000	1531	1563	1554	1570
2022/12/31	18:34:00	0.000	1541	1566	1537	1564
2022/12/31	18:36:00	0.000	1541	1567	1493	1541
2022/12/31	18:38:00	0.000	1534	1564	1498	1533

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	18:40:00	0.000	1539	1571	1506	1552
2022/12/31	18:42:00	0.000	1534	1563	1497	1551
2022/12/31	18:44:00	0.000	1529	1556	1551	1600
2022/12/31	18:46:00	0.000	1527	1554	1523	1575
2022/12/31	18:48:00	0.000	1528	1553	1526	1566
2022/12/31	18:50:00	0.000	1525	1551	1523	1566
2022/12/31	18:52:00	0.000	1516	1543	1487	1529
2022/12/31	18:54:00	0.000	1518	1546	1483	1515
2022/12/31	18:56:00	0.000	1510	1542	1515	1563
2022/12/31	18:58:00	0.000	1507	1534	1531	1558
2022/12/31	19:00:00	0.000	1505	1532	1519	1543
2022/12/31	19:02:00	0.000	1501	1534	1517	1564
2022/12/31	19:04:00	0.000	1509	1532	1533	1565
2022/12/31	19:06:00	0.000	1503	1530	1530	1573
2022/12/31	19:08:00	0.000	1504	1530	1531	1547
2022/12/31	19:10:00	0.000	1504	1531	1528	1541
2022/12/31	19:12:00	0.000	1496	1525	1541	1564
2022/12/31	19:14:00	0.000	1496	1527	1553	1588
2022/12/31	19:16:00	0.000	1492	1526	1499	1564
2022/12/31	19:18:00	0.000	1496	1522	1537	1574
2022/12/31	19:20:00	0.000	1489	1522	1504	1537
2022/12/31	19:22:00	0.000	1489	1521	1504	1539
2022/12/31	19:24:00	0.000	1492	1517	1519	1535
2022/12/31	19:26:00	0.000	1478	1511	1516	1552
2022/12/31	19:28:00	0.000	1483	1510	1537	1561
2022/12/31	19:30:00	0.000	1480	1507	1529	1556
2022/12/31	19:32:00	0.000	1471	1505	1542	1556
2022/12/31	19:34:00	0.000	1477	1508	1537	1565
2022/12/31	19:36:00	0.000	1482	1507	1547	1587
2022/12/31	19:38:00	0.000	1471	1507	1504	1568
2022/12/31	19:40:00	0.000	1472	1505	1514	1543
2022/12/31	19:42:00	0.000	1469	1501	1520	1539
2022/12/31	19:44:00	0.000	1469	1497	1535	1549
2022/12/31	19:46:00	0.000	1472	1502	1527	1550
2022/12/31	19:48:00	0.000	1472	1497	1505	1560
2022/12/31	19:50:00	0.000	1466	1497	1505	1547
2022/12/31	19:52:00	0.000	1472	1499	1541	1557
2022/12/31	19:54:00	0.000	1468	1495	1556	1566
2022/12/31	19:56:00	0.000	1468	1499	1543	1576
2022/12/31	19:58:00	0.000	1474	1497	1531	1567

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/31	20:00:00	0.000	1470	1501	1515	1542
2022/12/31	20:02:00	0.000	1468	1499	1502	1540
2022/12/31	20:04:00	0.000	1477	1497	1500	1564
2022/12/31	20:06:00	0.000	1473	1502	1547	1564
2022/12/31	20:08:00	0.000	1472	1501	1542	1553
2022/12/31	20:10:00	0.000	1480	1505	1537	1572
2022/12/31	20:12:00	0.000	1477	1500	1530	1574
2022/12/31	20:14:00	0.000	1465	1499	1496	1530
2022/12/31	20:16:00	0.000	1463	1494	1500	1537
2022/12/31	20:18:00	0.000	1465	1490	1512	1588
2022/12/31	20:20:00	0.000	1455	1483	1549	1591
2022/12/31	20:22:00	0.000	1446	1473	1483	1549
2022/12/31	20:24:00	0.000	1439	1476	1496	1532
2022/12/31	20:26:00	0.000	1443	1479	1518	1542
2022/12/31	20:28:00	0.000	1442	1478	1520	1545
2022/12/31	20:30:00	0.000	1457	1491	1545	1599
2022/12/31	20:32:00	0.000	1464	1492	1553	1581
2022/12/31	20:34:00	0.000	1468	1496	1541	1570
2022/12/31	20:36:00	0.000	1457	1489	1510	1541
2022/12/31	20:38:00	0.000	1439	1477	1493	1514
2022/12/31	20:40:00	0.000	1428	1462	1507	1556
2022/12/31	20:42:00	0.000	1425	1465	1532	1556
2022/12/31	20:44:00	0.000	1439	1483	1542	1576
2022/12/31	20:46:00	0.000	1451	1486	1555	1577
2022/12/31	20:48:00	0.000	1452	1491	1561	1593
2022/12/31	20:50:00	0.000	1448	1480	1479	1574
2022/12/31	20:52:00	0.000	1441	1475	1479	1511
2022/12/31	20:54:00	0.000	1437	1469	1511	1531
2022/12/31	20:56:00	0.000	1429	1462	1522	1539
2022/12/31	20:58:00	0.000	1426	1460	1521	1551
2022/12/31	21:00:00	0.000	1437	1465	1542	1574
2022/12/31	21:02:00	0.000	1439	1473	1574	1595
2022/12/31	21:04:00	0.000	1444	1477	1541	1583
2022/12/31	21:06:00	0.000	1453	1480	1518	1551
2022/12/31	21:08:00	0.000	1460	1486	1549	1584
2022/12/31	21:10:00	0.000	1451	1477	1510	1577
2022/12/31	21:12:00	0.000	1439	1477	1498	1527
2022/12/31	21:14:00	0.000	1440	1468	1518	1542
2022/12/31	21:16:00	0.000	1438	1468	1535	1564
2022/12/31	21:18:00	0.000	1428	1462	1507	1557



# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2022/12/31	21:20:00	0.000	1434	1472	1531	1560
2022/12/31	21:22:00	0.000	1445	1476	1558	1586
2022/12/31	21:24:00	0.000	1455	1479	1561	1588
2022/12/31	21:26:00	0.000	1453	1484	1546	1566
2022/12/31	21:28:00	0.000	1448	1485	1510	1564
2022/12/31	21:30:00	0.000	1414	1457	1475	1510
2022/12/31	21:32:00	0.000	1411	1465	1487	1534
2022/12/31	21:34:00	0.000	1451	1477	1534	1571
2022/12/31	21:36:00	0.000	1439	1469	1549	1571
2022/12/31	21:38:00	0.000	1428	1466	1541	1566
2022/12/31	21:40:00	0.000	1428	1462	1537	1545
2022/12/31	21:42:00	0.000	1421	1446	1520	1546
2022/12/31	21:44:00	0.000	1413	1448	1494	1525
2022/12/31	21:46:00	0.000	1414	1446	1490	1507
2022/12/31	21:48:00	0.000	1424	1457	1495	1566
2022/12/31	21:50:00	0.000	1434	1468	1566	1601
2022/12/31	21:52:00	0.000	1424	1468	1574	1612
2022/12/31	21:54:00	0.000	1421	1451	1491	1574
2022/12/31	21:56:00	0.000	1409	1452	1491	1516
2022/12/31	21:58:00	0.000	1426	1457	1508	1524
2022/12/31	22:00:00	0.000	1428	1477	1524	1564
2022/12/31	22:02:00	0.000	1447	1475	1564	1600
2022/12/31	22:04:00	0.000	1431	1458	1554	1599
2022/12/31	22:06:00	0.000	1422	1453	1504	1554
2022/12/31	22:08:00	0.000	1411	1442	1500	1535
2022/12/31	22:10:00	0.000	1424	1453	1490	1560
2022/12/31	22:12:00	0.000	1431	1468	1556	1597
2022/12/31	22:14:00	0.000	1435	1477	1545	1598
2022/12/31	22:16:00	0.000	1411	1453	1496	1545
2022/12/31	22:18:00	0.000	1411	1446	1496	1524
2022/12/31	22:20:00	0.000	1431	1466	1524	1542
2022/12/31	22:22:00	0.000	1442	1475	1538	1569
2022/12/31	22:24:00	0.000	1441	1468	1547	1568
2022/12/31	22:26:00	0.000	1428	1460	1568	1580
2022/12/31	22:28:00	0.000	1412	1450	1518	1577
2022/12/31	22:30:00	0.000	1412	1446	1516	1534
2022/12/31	22:32:00	0.000	1403	1441	1501	1516
2022/12/31	22:34:00	0.000	1399	1432	1510	1529
2022/12/31	22:36:00	0.000	1405	1431	1521	1547
2022/12/31	22:38:00	0.000	1400	1438	1532	1556

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2022/12/31	22:40:00	0.000	1407	1439	1556	1587
2022/12/31	22:42:00	0.000	1417	1443	1551	1572
2022/12/31	22:44:00	0.000	1415	1445	1531	1551
2022/12/31	22:46:00	0.000	1416	1448	1539	1556
2022/12/31	22:48:00	0.000	1413	1448	1540	1583
2022/12/31	22:50:00	0.000	1418	1452	1530	1551
2022/12/31	22:52:00	0.000	1420	1453	1526	1545
2022/12/31	22:54:00	0.000	1425	1458	1516	1526
2022/12/31	22:56:00	0.000	1419	1453	1512	1555
2022/12/31	22:58:00	0.000	1419	1457	1545	1558
2022/12/31	23:00:00	0.000	1417	1446	1541	1558
2022/12/31	23:02:00	0.000	1417	1453	1553	1597
2022/12/31	23:04:00	0.000	1416	1446	1522	1555
2022/12/31	23:06:00	0.000	1416	1445	1518	1553
2022/12/31	23:08:00	0.000	1414	1442	1487	1518
2022/12/31	23:10:00	0.000	1413	1442	1514	1547
2022/12/31	23:12:00	0.000	1407	1442	1547	1577
2022/12/31	23:14:00	0.000	1430	1518	1554	1626
2022/12/31	23:16:00	0.000	1499	1529	1549	1622
2022/12/31	23:18:00	0.000	1456	1545	1471	1563
2022/12/31	23:20:00	0.000	1414	1472	1442	1495
2022/12/31	23:22:00	0.000	1389	1434	1494	1504
2022/12/31	23:24:00	0.000	1382	1417	1489	1520
2022/12/31	23:26:00	0.000	1383	1418	1515	1556
2022/12/31	23:28:00	0.000	1383	1417	1535	1558
2022/12/31	23:30:00	0.000	1388	1421	1533	1556
2022/12/31	23:32:00	0.000	1388	1425	1551	1575
2022/12/31	23:34:00	0.000	1383	1431	1553	1578
2022/12/31	23:36:00	0.000	1386	1429	1537	1570
2022/12/31	23:38:00	0.000	1398	1431	1528	1542
2022/12/31	23:40:00	0.000	1401	1435	1529	1547
2022/12/31	23:42:00	0.000	1409	1437	1535	1567
2022/12/31	23:44:00	0.000	1394	1443	1555	1581
2022/12/31	23:46:00	0.000	1400	1439	1538	1561
2022/12/31	23:48:00	0.000	1380	1413	1477	1538
2022/12/31	23:50:00	0.000	1380	1418	1475	1510
2022/12/31	23:52:00	0.000	1383	1418	1510	1534
2022/12/31	23:54:00	0.000	1400	1437	1534	1591
2022/12/31	23:56:00	0.000	1412	1449	1572	1589
2022/12/31	23:58:00	0.000	1399	1446	1535	1585

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	00:00:00	0.000	1378	1431	1504	1535
2023/01/01	00:02:00	0.000	1383	1407	1492	1523
2023/01/01	00:04:00	0.000	1394	1424	1523	1553
2023/01/01	00:06:00	0.000	1402	1435	1553	1572
2023/01/01	00:08:00	0.000	1406	1448	1537	1595
2023/01/01	00:10:00	0.000	1407	1454	1533	1564
2023/01/01	00:12:00	0.000	1415	1448	1510	1560
2023/01/01	00:14:00	0.000	1394	1428	1508	1521
2023/01/01	00:16:00	0.000	1383	1417	1501	1527
2023/01/01	00:18:00	0.000	1390	1425	1522	1551
2023/01/01	00:20:00	0.000	1394	1435	1549	1563
2023/01/01	00:22:00	0.000	1408	1441	1554	1593
2023/01/01	00:24:00	0.000	1420	1450	1560	1593
2023/01/01	00:26:00	0.000	1422	1453	1547	1564
2023/01/01	00:28:00	0.000	1401	1448	1494	1547
2023/01/01	00:30:00	0.000	1385	1431	1494	1509
2023/01/01	00:32:00	0.000	1378	1420	1509	1535
2023/01/01	00:34:00	0.000	1396	1428	1535	1551
2023/01/01	00:36:00	0.000	1398	1436	1547	1566
2023/01/01	00:38:00	0.000	1413	1444	1550	1576
2023/01/01	00:40:00	0.000	1411	1451	1573	1594
2023/01/01	00:42:00	0.000	1382	1432	1526	1574
2023/01/01	00:44:00	0.000	1380	1421	1493	1526
2023/01/01	00:46:00	0.000	1393	1435	1502	1531
2023/01/01	00:48:00	0.000	1417	1453	1531	1568
2023/01/01	00:50:00	0.000	1402	1445	1551	1569
2023/01/01	00:52:00	0.000	1398	1437	1526	1558
2023/01/01	00:54:00	0.000	1403	1439	1536	1568
2023/01/01	00:56:00	0.000	1394	1429	1519	1536
2023/01/01	00:58:00	0.000	1390	1430	1513	1537
2023/01/01	01:00:00	0.000	1388	1425	1512	1539
2023/01/01	01:02:00	0.000	1397	1449	1533	1545
2023/01/01	01:04:00	0.000	1415	1453	1545	1585
2023/01/01	01:06:00	0.000	1425	1460	1561	1605
2023/01/01	01:08:00	0.000	1420	1456	1542	1561
2023/01/01	01:10:00	0.000	1412	1452	1530	1546
2023/01/01	01:12:00	0.000	1409	1445	1532	1542
2023/01/01	01:14:00	0.000	1394	1441	1502	1537
2023/01/01	01:16:00	0.000	1400	1439	1489	1529
2023/01/01	01:18:00	0.000	1383	1420	1508	1536
2023/01/01	01:20:00	0.000	1398	1431	1535	1553
2023/01/01	01:22:00	0.000	1403	1443	1537	1553
2023/01/01	01:24:00	0.000	1411	1450	1536	1549

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	01:26:00	0.000	1421	1462	1545	1558
2023/01/01	01:28:00	0.000	1403	1457	1558	1570
2023/01/01	01:30:00	0.000	1396	1435	1546	1564
2023/01/01	01:32:00	0.000	1369	1420	1466	1561
2023/01/01	01:34:00	0.000	1389	1428	1480	1538
2023/01/01	01:36:00	0.000	1403	1437	1538	1583
2023/01/01	01:38:00	0.000	1395	1435	1558	1587
2023/01/01	01:40:00	0.000	1397	1433	1551	1562
2023/01/01	01:42:00	0.000	1398	1441	1510	1566
2023/01/01	01:44:00	0.000	1404	1439	1507	1537
2023/01/01	01:46:00	0.000	1409	1446	1523	1535
2023/01/01	01:48:00	0.000	1425	1457	1528	1569
2023/01/01	01:50:00	0.000	1435	1463	1569	1578
2023/01/01	01:52:00	0.000	1441	1469	1549	1576
2023/01/01	01:54:00	0.000	1451	1474	1535	1559
2023/01/01	01:56:00	0.000	1430	1468	1541	1567
2023/01/01	01:58:00	0.000	1431	1462	1505	1541
2023/01/01	02:00:00	0.000	1415	1453	1502	1533
2023/01/01	02:02:00	0.000	1409	1454	1504	1542
2023/01/01	02:04:00	0.000	1428	1466	1539	1562
2023/01/01	02:06:00	0.000	1445	1487	1561	1580
2023/01/01	02:08:00	0.000	1456	1509	1564	1580
2023/01/01	02:10:00	0.000	1486	1519	1565	1580
2023/01/01	02:12:00	0.000	1499	1530	1547	1577
2023/01/01	02:14:00	0.000	1493	1525	1547	1557
2023/01/01	02:16:00	0.000	1487	1518	1541	1577
2023/01/01	02:18:00	0.000	1479	1516	1483	1558
2023/01/01	02:20:00	0.000	1480	1512	1463	1504
2023/01/01	02:22:00	0.000	1480	1505	1504	1526
2023/01/01	02:24:00	0.000	1483	1512	1521	1529
2023/01/01	02:26:00	0.000	1488	1527	1517	1578
2023/01/01	02:28:00	0.000	1494	1527	1575	1604
2023/01/01	02:30:00	0.000	1496	1537	1561	1577
2023/01/01	02:32:00	0.000	1507	1539	1528	1561
2023/01/01	02:34:00	0.000	1496	1526	1548	1562
2023/01/01	02:36:00	0.000	1494	1518	1508	1553
2023/01/01	02:38:00	0.000	1483	1509	1495	1508
2023/01/01	02:40:00	0.000	1477	1509	1502	1550
2023/01/01	02:42:00	0.000	1465	1499	1537	1554
2023/01/01	02:44:00	0.000	1465	1498	1537	1553
2023/01/01	02:46:00	0.000	1479	1507	1550	1577
2023/01/01	02:48:00	0.000	1488	1515	1542	1570
2023/01/01	02:50:00	0.000	1485	1524	1542	1561

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	02:52:00	0.000	1491	1526	1544	1577
2023/01/01	02:54:00	0.000	1497	1520	1532	1556
2023/01/01	02:56:00	0.000	1485	1518	1518	1539
2023/01/01	02:58:00	0.000	1479	1512	1520	1547
2023/01/01	03:00:00	0.000	1477	1511	1512	1534
2023/01/01	03:02:00	0.000	1472	1503	1488	1512
2023/01/01	03:04:00	0.000	1469	1501	1490	1550
2023/01/01	03:06:00	0.000	1474	1507	1550	1612
2023/01/01	03:08:00	0.000	1472	1504	1572	1612
2023/01/01	03:10:00	0.000	1468	1508	1523	1578
2023/01/01	03:12:00	0.000	1480	1512	1496	1523
2023/01/01	03:14:00	0.000	1486	1512	1523	1552
2023/01/01	03:16:00	0.000	1494	1514	1537	1566
2023/01/01	03:18:00	0.000	1490	1521	1566	1579
2023/01/01	03:20:00	0.000	1492	2026	1557	1657
2023/01/01	03:22:00	0.000	2	2314	1330	1952
2023/01/01	03:24:00	0.000	2	3	766	1330
2023/01/01	03:26:00	0.000	3	3	538	766
2023/01/01	03:28:00	0.000	3	3	412	538
2023/01/01	03:30:00	0.000	3	3	341	412
2023/01/01	03:32:00	0.000	3	3	288	341
2023/01/01	03:34:00	0.000	3	3	249	288
2023/01/01	03:36:00	0.000	2	3	220	249
2023/01/01	03:38:00	0.000	3	3	198	220
2023/01/01	03:40:00	0.000	2	3	182	198
2023/01/01	03:42:00	0.000	3	3	170	182
2023/01/01	03:44:00	0.000	2	3	159	170
2023/01/01	03:46:00	0.000	3	3	151	159
2023/01/01	03:48:00	0.000	3	3	144	151
2023/01/01	03:50:00	0.000	3	3	138	144
2023/01/01	03:52:00	0.000	3	3	132	138
2023/01/01	03:54:00	0.000	3	3	126	132
2023/01/01	03:56:00	0.000	3	3	121	127
2023/01/01	03:58:00	0.000	3	3	117	121
2023/01/01	04:00:00	0.000	3	3	114	117
2023/01/01	04:02:00	0.000	3	3	110	114
2023/01/01	04:04:00	0.000	3	3	107	110
2023/01/01	04:06:00	0.000	3	3	104	107
2023/01/01	04:08:00	0.000	3	3	102	104
2023/01/01	04:10:00	0.000	3	3	101	103
2023/01/01	04:12:00	0.000	3	3	99	101
2023/01/01	04:14:00	0.000	3	3	97	99
2023/01/01	04:16:00	0.000	3	3	96	97

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	04:18:00	0.000	3	3	93	96
2023/01/01	04:20:00	0.000	3	3	91	94
2023/01/01	04:22:00	0.000	3	3	89	92
2023/01/01	04:24:00	0.000	3	2433	88	1955
2023/01/01	04:26:00	0.000	3	2234	922	1956
2023/01/01	04:28:00	0.000	3	2438	789	1459
2023/01/01	04:30:00	0.000	2144	2172	1459	1571
2023/01/01	04:32:00	0.000	2136	2151	1571	1677
2023/01/01	04:34:00	0.000	2137	2161	1573	1646
2023/01/01	04:36:00	0.000	2134	2152	1585	1644
2023/01/01	04:38:00	0.000	2133	2151	1564	1620
2023/01/01	04:40:00	0.000	2127	2146	1508	1591
2023/01/01	04:42:00	0.000	2127	2144	1499	1574
2023/01/01	04:44:00	0.000	2124	2139	1508	1563
2023/01/01	04:46:00	0.000	2119	2138	1459	1529
2023/01/01	04:48:00	0.000	2122	2135	1459	1566
2023/01/01	04:50:00	0.000	2124	2134	1523	1581
2023/01/01	04:52:00	0.000	2121	2140	1523	1570
2023/01/01	04:54:00	0.000	2131	2143	1518	1537
2023/01/01	04:56:00	0.000	2131	2146	1510	1542
2023/01/01	04:58:00	0.000	2139	2151	1508	1584
2023/01/01	05:00:00	0.000	2140	2151	1504	1607
2023/01/01	05:02:00	0.000	2137	2150	1495	1538
2023/01/01	05:04:00	0.000	2136	2151	1538	1615
2023/01/01	05:06:00	0.000	2132	2144	1527	1574
2023/01/01	05:08:00	0.000	2133	2145	1518	1596
2023/01/01	05:10:00	0.000	2136	2150	1482	1525
2023/01/01	05:12:00	0.000	2140	2151	1516	1556
2023/01/01	05:14:00	0.000	2142	2155	1556	1623
2023/01/01	05:16:00	0.000	2144	2158	1496	1583
2023/01/01	05:18:00	0.000	2148	2161	1547	1584
2023/01/01	05:20:00	0.000	2148	2162	1523	1581
2023/01/01	05:22:00	0.000	2151	2166	1516	1543
2023/01/01	05:24:00	0.000	2152	2166	1509	1555
2023/01/01	05:26:00	0.000	2155	2166	1499	1549
2023/01/01	05:28:00	0.000	2157	2165	1512	1636
2023/01/01	05:30:00	0.000	2153	2166	1572	1626
2023/01/01	05:32:00	0.000	2153	2169	1568	1589
2023/01/01	05:34:00	0.000	2152	2163	1545	1601
2023/01/01	05:36:00	0.000	2154	2166	1531	1593
2023/01/01	05:38:00	0.000	2155	2166	1516	1585
2023/01/01	05:40:00	0.000	2152	2164	1515	1554
2023/01/01	05:42:00	0.000	2149	2166	1509	1528

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	05:44:00	0.000	2151	2165	1464	1510
2023/01/01	05:46:00	0.000	2148	2163	1485	1577
2023/01/01	05:48:00	0.000	2148	2161	1524	1582
2023/01/01	05:50:00	0.000	2151	2164	1522	1572
2023/01/01	05:52:00	0.000	2148	2160	1554	1572
2023/01/01	05:54:00	0.000	2148	2163	1497	1560
2023/01/01	05:56:00	0.000	2145	2161	1499	1529
2023/01/01	05:58:00	0.000	2143	2162	1525	1593
2023/01/01	06:00:00	0.000	2148	2160	1541	1596
2023/01/01	06:02:00	0.000	2148	2159	1537	1562
2023/01/01	06:04:00	0.000	2142	2160	1546	1584
2023/01/01	06:06:00	0.000	2144	2159	1550	1588
2023/01/01	06:08:00	0.000	2143	2157	1512	1551
2023/01/01	06:10:00	0.000	2140	2154	1485	1514
2023/01/01	06:12:00	0.000	2144	2158	1499	1550
2023/01/01	06:14:00	0.000	2144	2159	1549	1574
2023/01/01	06:16:00	0.000	2148	2163	1520	1573
2023/01/01	06:18:00	0.000	2151	2167	1497	1529
2023/01/01	06:20:00	0.000	2155	2169	1511	1589
2023/01/01	06:22:00	0.000	2158	2170	1523	1599
2023/01/01	06:24:00	0.000	2156	2173	1498	1526
2023/01/01	06:26:00	0.000	2136	2164	1498	1547
2023/01/01	06:28:00	0.000	2126	2145	1483	1550
2023/01/01	06:30:00	0.000	2119	2136	1469	1545
2023/01/01	06:32:00	0.000	2116	2133	1545	1625
2023/01/01	06:34:00	0.000	2120	2136	1570	1602
2023/01/01	06:36:00	0.000	2122	2142	1478	1587
2023/01/01	06:38:00	0.000	2130	2146	1470	1573
2023/01/01	06:40:00	0.000	2135	2149	1550	1613
2023/01/01	06:42:00	0.000	2134	2151	1519	1550
2023/01/01	06:44:00	0.000	2121	2144	1494	1523
2023/01/01	06:46:00	0.000	2113	2129	1509	1546
2023/01/01	06:48:00	0.000	2108	2125	1513	1558
2023/01/01	06:50:00	0.000	2110	2124	1549	1569
2023/01/01	06:52:00	0.000	2113	2129	1547	1593
2023/01/01	06:54:00	0.000	2117	2136	1536	1593
2023/01/01	06:56:00	0.000	2122	2136	1531	1621
2023/01/01	06:58:00	0.000	2125	2137	1456	1617
2023/01/01	07:00:00	0.000	2122	2136	1448	1652
2023/01/01	07:02:00	0.000	2120	2133	1504	1651
2023/01/01	07:04:00	0.000	2117	2130	1503	1580
2023/01/01	07:06:00	0.000	2111	2123	1465	1580
2023/01/01	07:08:00	0.000	2104	2118	1508	1558

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	07:10:00	0.000	2107	2120	1489	1536
2023/01/01	07:12:00	0.000	2105	2122	1499	1609
2023/01/01	07:14:00	0.000	2100	2120	1532	1595
2023/01/01	07:16:00	0.000	2112	2125	1508	1560
2023/01/01	07:18:00	0.000	2116	2129	1557	1597
2023/01/01	07:20:00	0.000	2074	2124	1477	1557
2023/01/01	07:22:00	0.000	2046	2088	1490	1524
2023/01/01	07:24:00	0.000	2019	2055	1453	1490
2023/01/01	07:26:00	0.000	1938	2024	1490	1539
2023/01/01	07:28:00	0.000	1876	1945	1510	1589
2023/01/01	07:30:00	0.000	1788	1879	1481	1510
2023/01/01	07:32:00	0.000	1643	1790	1464	1481
2023/01/01	07:34:00	0.000	1606	1681	1461	1515
2023/01/01	07:36:00	0.000	1590	1639	1502	1535
2023/01/01	07:38:00	0.000	1600	1626	1511	1539
2023/01/01	07:40:00	0.000	1584	1622	1502	1553
2023/01/01	07:42:00	0.000	1608	1646	1553	1609
2023/01/01	07:44:00	0.000	1587	1621	1571	1615
2023/01/01	07:46:00	0.000	1595	1638	1551	1579
2023/01/01	07:48:00	0.000	1623	1668	1523	1579
2023/01/01	07:50:00	0.000	1595	1657	1559	1593
2023/01/01	07:52:00	0.000	1609	1678	1525	1559
2023/01/01	07:54:00	0.000	1673	1711	1545	1596
2023/01/01	07:56:00	0.000	1681	1732	1559	1587
2023/01/01	07:58:00	0.000	1699	1730	1506	1572
2023/01/01	08:00:00	0.000	1688	1710	1502	1528
2023/01/01	08:02:00	0.000	1678	1704	1524	1543
2023/01/01	08:04:00	0.000	1677	1698	1515	1537
2023/01/01	08:06:00	0.000	1674	1704	1533	1558
2023/01/01	08:08:00	0.000	1682	1698	1538	1558
2023/01/01	08:10:00	0.000	1670	1693	1515	1538
2023/01/01	08:12:00	0.000	1672	1696	1515	1562
2023/01/01	08:14:00	0.000	1669	1688	1483	1515
2023/01/01	08:16:00	0.000	1647	1684	1474	1534
2023/01/01	08:18:00	0.000	1629	1667	1534	1572
2023/01/01	08:20:00	0.000	1615	1640	1537	1580
2023/01/01	08:22:00	0.000	1611	1629	1537	1564
2023/01/01	08:24:00	0.000	1608	1635	1539	1557
2023/01/01	08:26:00	0.000	1610	1636	1541	1555
2023/01/01	08:28:00	0.000	1610	1636	1548	1562
2023/01/01	08:30:00	0.000	1611	1633	1530	1554
2023/01/01	08:32:00	0.000	1600	1627	1497	1530
2023/01/01	08:34:00	0.000	1597	1617	1491	1524



# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	08:36:00	0.000	1597	1619	1524	1544
2023/01/01	08:38:00	0.000	1601	1627	1524	1548
2023/01/01	08:40:00	0.000	1601	1625	1531	1556
2023/01/01	08:42:00	0.000	1602	1626	1525	1550
2023/01/01	08:44:00	0.000	1587	1611	1522	1546
2023/01/01	08:46:00	0.000	1586	1608	1514	1535
2023/01/01	08:48:00	0.000	1572	1596	1462	1558
2023/01/01	08:50:00	0.000	1566	1589	1558	1591
2023/01/01	08:52:00	0.000	1559	1583	1553	1593
2023/01/01	08:54:00	0.000	1561	1584	1553	1568
2023/01/01	08:56:00	0.000	1559	1585	1558	1584
2023/01/01	08:58:00	0.000	1563	1584	1553	1582
2023/01/01	09:00:00	0.000	1566.000	1589.000	1541.000	1565.000
2023/01/01	09:02:00	0.000	1569	1594	1535	1553
2023/01/01	09:04:00	0.000	1563	1589	1543	1556
2023/01/01	09:06:00	0.000	1556	1582	1528	1557
2023/01/01	09:08:00	0.000	1564	1585	1494	1528
2023/01/01	09:10:00	0.000	1559	1589	1495	1580
2023/01/01	09:12:00	0.000	1568	1591	1562	1585
2023/01/01	09:14:00	0.000	1558	1581	1529	1577
2023/01/01	09:16:00	0.000	1550	1577	1513	1540
2023/01/01	09:18:00	0.000	1545	1565	1497	1540
2023/01/01	09:20:00	0.000	1534	1562	1495	1532
2023/01/01	09:22:00	0.000	1535	1556	1508	1537
2023/01/01	09:24:00	0.000	1534	1554	1525	1561
2023/01/01	09:26:00	0.000	1534	1557	1508	1556
2023/01/01	09:28:00	0.000	1527	1560	1519	1550
2023/01/01	09:30:00	0.000	1531	1562	1527	1578
2023/01/01	09:32:00	0.000	1531	1556	1554	1581
2023/01/01	09:34:00	0.000	1540	1563	1535	1554
2023/01/01	09:36:00	0.000	1536	1559	1515	1564
2023/01/01	09:38:00	0.000	1530	1556	1518	1569
2023/01/01	09:40:00	0.000	1534	1557	1549	1582
2023/01/01	09:42:00	0.000	1536	1559	1539	1576
2023/01/01	09:44:00	0.000	1532	1556	1541	1573
2023/01/01	09:46:00	0.000	1534	1559	1515	1541
2023/01/01	09:48:00	0.000	1549.000	1570.000	1531.000	1573.000
2023/01/01	09:50:00	0.000	1550	1572	1510	1579
2023/01/01	09:52:00	0.000	1538	1563	1484	1510
2023/01/01	09:54:00	0.000	1530	1557	1475	1525
2023/01/01	09:56:00	0.000	1524	1549	1524	1569
2023/01/01	09:58:00	0.000	1517	1545	1525	1568
2023/01/01	10:00:00	0.000	1511	1532	1502	1530

# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	10:02:00	0.000	1507	1536	1528	1559
2023/01/01	10:04:00	0.000	1509	1541	1559	1582
2023/01/01	10:06:00	0.000	1519	1543	1566	1591
2023/01/01	10:08:00	0.000	1520	1541	1518	1573
2023/01/01	10:10:00	0.000	1501	1548	1525	1537
2023/01/01	10:12:00	0.000	1521	1544	1530	1541
2023/01/01	10:14:00	0.000	1518	1548	1533	1551
2023/01/01	10:16:00	0.000	1519	1546	1541	1558
2023/01/01	10:18:00	0.000	1524	1549	1525	1547
2023/01/01	10:20:00	0.000	1523	1545	1527	1539
2023/01/01	10:22:00	0.000	1522	1548	1539	1558
2023/01/01	10:24:00	0.000	1529	1550	1558	1591
2023/01/01	10:26:00	0.000	1533	1559	1549	1590
2023/01/01	10:28:00	0.000	1530	1556	1526	1576
2023/01/01	10:30:00	0.000	1519	1550	1479	1526
2023/01/01	10:32:00	0.000	1510	1543	1491	1589
2023/01/01	10:34:00	0.000	1504	1532	1500	1602
2023/01/01	10:36:00	0.000	1504	1530	1466	1512
2023/01/01	10:38:00	0.000	1503	1523	1510	1563
2023/01/01	10:40:00	0.000	1498	1541	1555	1566
2023/01/01	10:42:00	0.000	1514	1545	1548	1589
2023/01/01	10:44:00	0.000	1519	1543	1545	1557
2023/01/01	10:46:00	0.000	1519	1542	1520	1560
2023/01/01	10:48:00	0.000	1511	1538	1531	1552
2023/01/01	10:50:00	0.000	1512	1538	1494	1532
2023/01/01	10:52:00	0.000	1513	1539	1508	1545
2023/01/01	10:54:00	0.000	1514	1541	1545	1562
2023/01/01	10:56:00	0.000	1512	1537	1527	1547
2023/01/01	10:58:00	0.000	1508	1539	1514	1546
2023/01/01	11:00:00	0.000	1507	1540	1546	1564
2023/01/01	11:02:00	0.000	1516	1536	1553	1563
2023/01/01	11:04:00	0.000	1512	1549	1560	1582
2023/01/01	11:06:00	0.000	1511.000	1542.000	1552.000	1581.000
2023/01/01	11:08:00	0.000	1521	1544	1545	1555
2023/01/01	11:10:00	0.000	1516	1549	1518	1556
2023/01/01	11:12:00	0.000	1527	1556	1528	1553
2023/01/01	11:14:00	0.000	1527	1548	1507	1528
2023/01/01	11:16:00	0.000	1524	1545	1525	1547
2023/01/01	11:18:00	0.000	1527	1552	1520	1542
2023/01/01	11:20:00	0.000	1522	1554	1504	1537
2023/01/01	11:22:00	0.000	1525	1552	1534	1579
2023/01/01	11:24:00	0.000	1530	1549	1569	1589
2023/01/01	11:26:00	0.000	1530	1562	1528	1569

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	11:28:00	0.000	1536	1561	1504	1532
2023/01/01	11:30:00	0.000	1530	1562	1516	1545
2023/01/01	11:32:00	0.000	1534	1558	1529	1562
2023/01/01	11:34:00	0.000	1532	1560	1528	1564
2023/01/01	11:36:00	0.000	1534	1557	1563	1572
2023/01/01	11:38:00	0.000	1536	1562	1548	1565
2023/01/01	11:40:00	0.000	1530	1564	1537	1557
2023/01/01	11:42:00	0.000	1533	1563	1529	1574
2023/01/01	11:44:00	0.000	1530	1559	1510	1532
2023/01/01	11:46:00	0.000	1521	1552	1522	1537
2023/01/01	11:48:00	0.000	1519	1546	1516	1543
2023/01/01	11:50:00	0.000	1517	1545	1503	1520
2023/01/01	11:52:00	0.000	1510	1538	1507	1558
2023/01/01	11:54:00	0.000	1503	1538	1512	1545
2023/01/01	11:56:00	0.000	1519	1549	1533	1544
2023/01/01	11:58:00	0.000	1527	1556	1528	1585
2023/01/01	12:00:00	0.000	1530	1561	1575	1602
2023/01/01	12:02:00	0.000	1541	1570	1535	1575
2023/01/01	12:04:00	0.000	1539	1565	1563	1575
2023/01/01	12:06:00	0.000	1534	1562	1479	1577
2023/01/01	12:08:00	0.000	1530	1556	1468	1487
2023/01/01	12:10:00	0.000	1521	1549	1480	1550
2023/01/01	12:12:00	0.000	1519	1549	1532	1560
2023/01/01	12:14:00	0.000	1447	1542	1489	1532
2023/01/01	12:16:00	0.000	1420	1467	1482	1494
2023/01/01	12:18:00	0.000	1442	1505	1494	1566
2023/01/01	12:20:00	0.000	1504	1559	1566	1666
2023/01/01	12:22:00	0.000	1553	1583	1537	1643
2023/01/01	12:24:00	0.000	1542	1574	1469	1537
2023/01/01	12:26:00	0.000	1527	1556	1499	1540
2023/01/01	12:28:00	0.000	1516	1559	1527	1541
2023/01/01	12:30:00	0.000	1540	1562	1527	1574
2023/01/01	12:32:00	0.000	1540	1572	1555	1588
2023/01/01	12:34:00	0.000	1553	1572	1551	1576
2023/01/01	12:36:00	0.000	1541	1566	1470	1551
2023/01/01	12:38:00	0.000	1532	1561	1471	1557
2023/01/01	12:40:00	0.000	1531	1560	1557	1582
2023/01/01	12:42:00	0.000	1524	1555	1525	1569
2023/01/01	12:44:00	0.000	1519	1549	1539	1569
2023/01/01	12:46:00	0.000	1519	1549	1494	1569
2023/01/01	12:48:00	0.000	1523	1553	1487	1519
2023/01/01	12:50:00	0.000	1536	1559	1519	1567
2023/01/01	12:52:00	0.000	1541	1561	1564	1583

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	12:54:00	0.000	1546	1576	1542	1576
2023/01/01	12:56:00	0.000	1549	1574	1519	1564
2023/01/01	12:58:00	0.000	1537	1566	1550	1566
2023/01/01	13:00:00	0.000	1520	1549	1517	1564
2023/01/01	13:02:00	0.000	1519	1545	1469	1518
2023/01/01	13:04:00	0.000	1527	1561	1469	1568
2023/01/01	13:06:00	0.000	1532	1561	1541	1572
2023/01/01	13:08:00	0.000	1538	1565	1539	1578
2023/01/01	13:10:00	0.000	1539	1571	1545	1567
2023/01/01	13:12:00	0.000	1547	1571	1518	1558
2023/01/01	13:14:00	0.000	1540	1563	1513	1556
2023/01/01	13:16:00	0.000	1532	1553	1510	1549
2023/01/01	13:18:00	0.000	1525.000	1559.000	1518.000	1547.000
2023/01/01	13:20:00	0.000	1522	1548	1508	1542
2023/01/01	13:22:00	0.000	1512	1549	1510	1535
2023/01/01	13:24:00	0.000	1512	1539	1522	1556
2023/01/01	13:26:00	0.000	1512	1544	1555	1586
2023/01/01	13:28:00	0.000	1517	1545	1543	1604
2023/01/01	13:30:00	0.000	1522	1549	1537	1558
2023/01/01	13:32:00	0.000	1531	1556	1558	1568
2023/01/01	13:34:00	0.000	1526	1549	1537	1561
2023/01/01	13:36:00	0.000	1516	1538	1485	1553
2023/01/01	13:38:00	0.000	1504	1531	1425	1547
2023/01/01	13:40:00	0.000	1499	1536	1547	1622
2023/01/01	13:42:00	0.000	1512	1549	1527	1605
2023/01/01	13:44:00	0.000	1528	1564	1542	1582
2023/01/01	13:46:00	0.000	1539	1567	1532	1554
2023/01/01	13:48:00	0.000	1552	1578	1542	1589
2023/01/01	13:50:00	0.000	1563	1585	1522	1574
2023/01/01	13:52:00	0.000	1567	1589	1499	1525
2023/01/01	13:54:00	0.000	1556	1586	1495	1546
2023/01/01	13:56:00	0.000	1556	1581	1531	1549
2023/01/01	13:58:00	0.000	1549.000	1573.000	1496.000	1531.000
2023/01/01	14:00:00	0.000	1546	1572	1510	1558
2023/01/01	14:02:00	0.000	1540	1564	1542	1558
2023/01/01	14:04:00	0.000	1532	1560	1532	1568
2023/01/01	14:06:00	0.000	1530	1558	1538	1583
2023/01/01	14:08:00	0.000	1534	1562	1556	1583
2023/01/01	14:10:00	0.000	1539	1565	1528	1564
2023/01/01	14:12:00	0.000	1545	1573	1526	1541
2023/01/01	14:14:00	0.000	1546	1576	1522	1532
2023/01/01	14:16:00	0.000	1531	1560	1519	1531
2023/01/01	14:18:00	0.000	1517	1548	1520	1541

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	14:20:00	0.000	1525	1557	1519	1554
2023/01/01	14:22:00	0.000	1531	1557	1531	1554
2023/01/01	14:24:00	0.000	1534	1560	1528	1580
2023/01/01	14:26:00	0.000	1523	1556	1536	1581
2023/01/01	14:28:00	0.000	1509	1545	1527	1542
2023/01/01	14:30:00	0.000	1519	1553	1533	1554
2023/01/01	14:32:00	0.000	1543	1578	1554	1614
2023/01/01	14:34:00	0.000	1526	1571	1515	1615
2023/01/01	14:36:00	0.000	1496	1539	1483	1515
2023/01/01	14:38:00	0.000	1480	1505	1483	1502
2023/01/01	14:40:00	0.000	1471	1510	1496	1543
2023/01/01	14:42:00	0.000	1489	1523	1541	1582
2023/01/01	14:44:00	0.000	1497	1530	1566	1590
2023/01/01	14:46:00	0.000	1490	1523	1537	1566
2023/01/01	14:48:00	0.000	1472	1505	1525	1547
2023/01/01	14:50:00	0.000	1474	1508	1495	1525
2023/01/01	14:52:00	0.000	1497	1520	1502	1549
2023/01/01	14:54:00	0.000	1504	1529	1543	1569
2023/01/01	14:56:00	0.000	1513	1538	1558	1584
2023/01/01	14:58:00	0.000	1516	1540	1543	1584
2023/01/01	15:00:00	0.000	1517	1548	1540	1558
2023/01/01	15:02:00	0.000	1512	1540	1545	1556
2023/01/01	15:04:00	0.000	1503	1535	1527	1546
2023/01/01	15:06:00	0.000	1496	1531	1488	1534
2023/01/01	15:08:00	0.000	1498	1531	1488	1540
2023/01/01	15:10:00	0.000	1505	1528	1535	1558
2023/01/01	15:12:00	0.000	1490	1541	1535	1565
2023/01/01	15:14:00	0.000	1518	1548	1565	1576
2023/01/01	15:16:00	0.000	1524	1554	1558	1578
2023/01/01	15:18:00	0.000	1527	1552	1524	1560
2023/01/01	15:20:00	0.000	1525	1559	1531	1544
2023/01/01	15:22:00	0.000	1493	1539	1489	1531
2023/01/01	15:24:00	0.000	1501	1524	1494	1545
2023/01/01	15:26:00	0.000	1505	1531	1537	1574
2023/01/01	15:28:00	0.000	1513	1539	1541	1589
2023/01/01	15:30:00	0.000	1516	1541	1541	1568
2023/01/01	15:32:00	0.000	1525	1552	1528	1560
2023/01/01	15:34:00	0.000	1509	1538	1527	1569
2023/01/01	15:36:00	0.000	1497	1527	1496	1527
2023/01/01	15:38:00	0.000	1485	1525	1507	1529
2023/01/01	15:40:00	0.000	1502	1539	1527	1561
2023/01/01	15:42:00	0.000	1523	1559	1554	1570
2023/01/01	15:44:00	0.000	1512	1547	1542	1580

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	15:46:00	0.000	1488	1529	1493	1542
2023/01/01	15:48:00	0.000	1469	1510	1496	1508
2023/01/01	15:50:00	0.000	1452	1486	1501	1540
2023/01/01	15:52:00	0.000	1431	1475	1502	1535
2023/01/01	15:54:00	0.000	1452	1480	1526	1550
2023/01/01	15:56:00	0.000	1461	1488	1550	1601
2023/01/01	15:58:00	0.000	1470	1493	1570	1598
2023/01/01	16:00:00	0.000	1477	1508	1559	1570
2023/01/01	16:02:00	0.000	1482	1519	1551	1565
2023/01/01	16:04:00	0.000	1491	1521	1545	1562
2023/01/01	16:06:00	0.000	1493	1523	1551	1565
2023/01/01	16:08:00	0.000	1492	1516	1541	1558
2023/01/01	16:10:00	0.000	1494	1522	1509	1542
2023/01/01	16:12:00	0.000	1493	1522	1510	1527
2023/01/01	16:14:00	0.000	1493	1523	1504	1549
2023/01/01	16:16:00	0.000	1492	1527	1548	1584
2023/01/01	16:18:00	0.000	1493	1519	1537	1585
2023/01/01	16:20:00	0.000	1491	1518	1526	1554
2023/01/01	16:22:00	0.000	1490	1519	1531	1544
2023/01/01	16:24:00	0.000	1482	1517	1530	1547
2023/01/01	16:26:00	0.000	1491	1519	1537	1547
2023/01/01	16:28:00	0.000	1482	1513	1538	1580
2023/01/01	16:30:00	0.000	1488	1512	1531	1558
2023/01/01	16:32:00	0.000	1488	1515	1516	1531
2023/01/01	16:34:00	0.000	1487	1515	1520	1537
2023/01/01	16:36:00	0.000	1486	1514	1530	1539
2023/01/01	16:38:00	0.000	1489	1512	1512	1530
2023/01/01	16:40:00	0.000	1483	1514	1529	1589
2023/01/01	16:42:00	0.000	1479	1516	1555	1597
2023/01/01	16:44:00	0.000	1488	1511	1542	1565
2023/01/01	16:46:00	0.000	1484	1512	1507	1545
2023/01/01	16:48:00	0.000	1483	1506	1483	1523
2023/01/01	16:50:00	0.000	1480	1513	1523	1570
2023/01/01	16:52:00	0.000	1489	1517	1570	1576
2023/01/01	16:54:00	0.000	1469	1510	1545	1576
2023/01/01	16:56:00	0.000	1457	1492	1517	1568
2023/01/01	16:58:00	0.000	1448	1480	1493	1517
2023/01/01	17:00:00	0.000	1441	1472	1495	1516
2023/01/01	17:02:00	0.000	1443	1474	1515	1563
2023/01/01	17:04:00	0.000	1435	1467	1547	1556
2023/01/01	17:06:00	0.000	1442	1470	1556	1589
2023/01/01	17:08:00	0.000	1438	1471	1539	1584
2023/01/01	17:10:00	0.000	1433	1473	1534	1556

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	17:12:00	0.000	1436	1484	1520	1550
2023/01/01	17:14:00	0.000	1448	1482	1522	1558
2023/01/01	17:16:00	0.000	1453	1485	1553	1572
2023/01/01	17:18:00	0.000	1456	1483	1504	1553
2023/01/01	17:20:00	0.000	1453	1488	1515	1533
2023/01/01	17:22:00	0.000	1460	1486	1510	1561
2023/01/01	17:24:00	0.000	1462	1491	1561	1584
2023/01/01	17:26:00	0.000	1462	1488	1566	1582
2023/01/01	17:28:00	0.000	1457	1490	1523	1572
2023/01/01	17:30:00	0.000	1464	1497	1526	1547
2023/01/01	17:32:00	0.000	1453	1488	1531	1539
2023/01/01	17:34:00	0.000	1452	1477	1502	1533
2023/01/01	17:36:00	0.000	1455	1484	1510	1547
2023/01/01	17:38:00	0.000	1451	1488	1524	1547
2023/01/01	17:40:00	0.000	1462	1487	1526	1566
2023/01/01	17:42:00	0.000	1448	1489	1545	1585
2023/01/01	17:44:00	0.000	1468	1493	1524	1549
2023/01/01	17:46:00	0.000	1475	1506	1533	1576
2023/01/01	17:48:00	0.000	1483	1506	1557	1582
2023/01/01	17:50:00	0.000	1490	1510	1504	1557
2023/01/01	17:52:00	0.000	1473	1512	1529	1568
2023/01/01	17:54:00	0.000	1457	1496	1515	1544
2023/01/01	17:56:00	0.000	1453	1481	1497	1523
2023/01/01	17:58:00	0.000	1461	1492	1523	1560
2023/01/01	18:00:00	0.000	1471	1500	1560	1580
2023/01/01	18:02:00	0.000	1479	1516	1563	1580
2023/01/01	18:04:00	0.000	1464	1498	1529	1563
2023/01/01	18:06:00	0.000	1453	1488	1494	1529
2023/01/01	18:08:00	0.000	1435	1480	1496	1518
2023/01/01	18:10:00	0.000	1445	1476	1514	1528
2023/01/01	18:12:00	0.000	1445	1470	1528	1552
2023/01/01	18:14:00	0.000	1427	1467	1537	1553
2023/01/01	18:16:00	0.000	1427	1451	1525	1547
2023/01/01	18:18:00	0.000	1417	1453	1535	1551
2023/01/01	18:20:00	0.000	1419	1450	1517	1543
2023/01/01	18:22:00	0.000	1424	1456	1518	1578
2023/01/01	18:24:00	0.000	1434	1468	1578	1594
2023/01/01	18:26:00	0.000	1448	1473	1561	1586
2023/01/01	18:28:00	0.000	1457	1480	1551	1566
2023/01/01	18:30:00	0.000	1472	1494	1542	1564
2023/01/01	18:32:00	0.000	1471	1503	1555	1568
2023/01/01	18:34:00	0.000	1458	1486	1506	1558
2023/01/01	18:36:00	0.000	1444	1475	1474	1521

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	18:38:00	0.000	1457	1480	1497	1528
2023/01/01	18:40:00	0.000	1456	1492	1509	1562
2023/01/01	18:42:00	0.000	1460	1497	1562	1580
2023/01/01	18:44:00	0.000	1460	1490	1553	1568
2023/01/01	18:46:00	0.000	1464	1493	1523	1553
2023/01/01	18:48:00	0.000	1465	1496	1527	1550
2023/01/01	18:50:00	0.000	1470	1497	1544	1561
2023/01/01	18:52:00	0.000	1464	1501	1545	1575
2023/01/01	18:54:00	0.000	1478	1503	1539	1580
2023/01/01	18:56:00	0.000	1478	1508	1539	1556
2023/01/01	18:58:00	0.000	1482	1516	1549	1566
2023/01/01	19:00:00	0.000	1471	1508	1515	1556
2023/01/01	19:02:00	0.000	1464	1494	1497	1515
2023/01/01	19:04:00	0.000	1457	1489	1479	1527
2023/01/01	19:06:00	0.000	1449	1484	1518	1532
2023/01/01	19:08:00	0.000	1446	1476	1520	1545
2023/01/01	19:10:00	0.000	1450	1488	1545	1580
2023/01/01	19:12:00	0.000	1464	1499	1569	1586
2023/01/01	19:14:00	0.000	1456	1492	1558	1595
2023/01/01	19:16:00	0.000	1451	1487	1497	1561
2023/01/01	19:18:00	0.000	1433	1468	1475	1497
2023/01/01	19:20:00	0.000	1419	1453	1489	1526
2023/01/01	19:22:00	0.000	1406	1441	1515	1534
2023/01/01	19:24:00	0.000	1402	1440	1520	1537
2023/01/01	19:26:00	0.000	1396	1439	1520	1540
2023/01/01	19:28:00	0.000	1399	1437	1540	1579
2023/01/01	19:30:00	0.000	1413	1443	1560	1574
2023/01/01	19:32:00	0.000	1427	1453	1542	1574
2023/01/01	19:34:00	0.000	1421	1464	1528	1558
2023/01/01	19:36:00	0.000	1445	1466	1553	1568
2023/01/01	19:38:00	0.000	1431	1465	1551	1563
2023/01/01	19:40:00	0.000	1427	1479	1520	1554
2023/01/01	19:42:00	0.000	1446	1485	1533	1542
2023/01/01	19:44:00	0.000	1457	1490	1542	1554
2023/01/01	19:46:00	0.000	1464	1495	1532	1558
2023/01/01	19:48:00	0.000	1460	1495	1532	1556
2023/01/01	19:50:00	0.000	1465	1496	1556	1575
2023/01/01	19:52:00	0.000	1466	1492	1541	1562
2023/01/01	19:54:00	0.000	1461	1495	1537	1559
2023/01/01	19:56:00	0.000	1458	1486	1535	1543
2023/01/01	19:58:00	0.000	1446	1483	1516	1539
2023/01/01	20:00:00	0.000	1438	1477	1516	1525
2023/01/01	20:02:00	0.000	1438	1470	1517	1556



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## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	20:04:00	0.000	1443	1470	1544	1564
2023/01/01	20:06:00	0.000	1447	1474	1544	1564
2023/01/01	20:08:00	0.000	1445	1478	1541	1558
2023/01/01	20:10:00	0.000	1444	1484	1537	1555
2023/01/01	20:12:00	0.000	1450	1479	1507	1543
2023/01/01	20:14:00	0.000	1448	1482	1510	1526
2023/01/01	20:16:00	0.000	1446	1483	1526	1539
2023/01/01	20:18:00	0.000	1454	1484	1534	1542
2023/01/01	20:20:00	0.000	1468	1492	1533	1577
2023/01/01	20:22:00	0.000	1478	1502	1558	1577
2023/01/01	20:24:00	0.000	1445	1489	1550	1568
2023/01/01	20:26:00	0.000	1414	1465	1522	1553
2023/01/01	20:28:00	0.000	1389	1441	1490	1524
2023/01/01	20:30:00	0.000	1389	1420	1480	1514
2023/01/01	20:32:00	0.000	1394	1435	1514	1553
2023/01/01	20:34:00	0.000	1392	1442	1553	1592
2023/01/01	20:36:00	0.000	1407	1450	1563	1592
2023/01/01	20:38:00	0.000	1412	1445	1548	1572
2023/01/01	20:40:00	0.000	1401	1435	1517	1548
2023/01/01	20:42:00	0.000	1388	1435	1488	1523
2023/01/01	20:44:00	0.000	1398	1451	1506	1545
2023/01/01	20:46:00	0.000	1432	1468	1545	1588
2023/01/01	20:48:00	0.000	1442	1468	1566	1599
2023/01/01	20:50:00	0.000	1441	1484	1535	1569
2023/01/01	20:52:00	0.000	1417	1457	1510	1535
2023/01/01	20:54:00	0.000	1424	1459	1510	1534
2023/01/01	20:56:00	0.000	1441	1471	1534	1574
2023/01/01	20:58:00	0.000	1449	1482	1574	1589
2023/01/01	21:00:00	0.000	1458	1484	1531	1579
2023/01/01	21:02:00	0.000	1455	1489	1512	1531
2023/01/01	21:04:00	0.000	1456	1480	1518	1538
2023/01/01	21:06:00	0.000	1445	1485	1523	1545
2023/01/01	21:08:00	0.000	1453	1485	1545	1557
2023/01/01	21:10:00	0.000	1457	1482	1547	1568
2023/01/01	21:12:00	0.000	1453	1482	1550	1566
2023/01/01	21:14:00	0.000	1456	1478	1514	1554
2023/01/01	21:16:00	0.000	1446	1480	1507	1523
2023/01/01	21:18:00	0.000	1455	1484	1507	1541
2023/01/01	21:20:00	0.000	1451	1484	1533	1544
2023/01/01	21:22:00	0.000	1449	1485	1542	1554
2023/01/01	21:24:00	0.000	1449	1478	1539	1552
2023/01/01	21:26:00	0.000	1437	1474	1542	1561
2023/01/01	21:28:00	0.000	1439	1473	1544	1566

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	21:30:00	0.000	1445	1477	1536	1558
2023/01/01	21:32:00	0.000	1447	1486	1549	1556
2023/01/01	21:34:00	0.000	1433	1463	1525	1556
2023/01/01	21:36:00	0.000	1424	1451	1499	1525
2023/01/01	21:38:00	0.000	1400	1431	1495	1513
2023/01/01	21:40:00	0.000	1396	1433	1512	1542
2023/01/01	21:42:00	0.000	1394	1437	1539	1549
2023/01/01	21:44:00	0.000	1398	1433	1537	1571
2023/01/01	21:46:00	0.000	1405	1435	1535	1572
2023/01/01	21:48:00	0.000	1395	1442	1539	1550
2023/01/01	21:50:00	0.000	1406	1445	1544	1566
2023/01/01	21:52:00	0.000	1406	1446	1547	1564
2023/01/01	21:54:00	0.000	1413	1446	1541	1567
2023/01/01	21:56:00	0.000	1418	1459	1551	1567
2023/01/01	21:58:00	0.000	1442	1471	1537	1570
2023/01/01	22:00:00	0.000	1453	1493	1527	1560
2023/01/01	22:02:00	0.000	1435	1481	1549	1569
2023/01/01	22:04:00	0.000	1428	1467	1500	1560
2023/01/01	22:06:00	0.000	1439	1482	1503	1519
2023/01/01	22:08:00	0.000	1457	1489	1519	1561
2023/01/01	22:10:00	0.000	1466	1492	1541	1580
2023/01/01	22:12:00	0.000	1446	1490	1547	1588
2023/01/01	22:14:00	0.000	1437	1481	1541	1551
2023/01/01	22:16:00	0.000	1438	1475	1506	1548
2023/01/01	22:18:00	0.000	1433	1471	1507	1516
2023/01/01	22:20:00	0.000	1435	1464	1512	1549
2023/01/01	22:22:00	0.000	1441	1469	1522	1542
2023/01/01	22:24:00	0.000	1451	1480	1542	1583
2023/01/01	22:26:00	0.000	1448	1483	1542	1593
2023/01/01	22:28:00	0.000	1459	1485	1535	1569
2023/01/01	22:30:00	0.000	1461	1497	1556	1569
2023/01/01	22:32:00	0.000	1445	1481	1518	1566
2023/01/01	22:34:00	0.000	1420	1458	1507	1523
2023/01/01	22:36:00	0.000	1435	1468	1508	1520
2023/01/01	22:38:00	0.000	1442	1468	1520	1542
2023/01/01	22:40:00	0.000	1447	1482	1534	1545
2023/01/01	22:42:00	0.000	1460	1488	1537	1560
2023/01/01	22:44:00	0.000	1441	1488	1551	1569
2023/01/01	22:46:00	0.000	1429	1468	1529	1551
2023/01/01	22:48:00	0.000	1417	1458	1515	1530
2023/01/01	22:50:00	0.000	1417	1457	1504	1545
2023/01/01	22:52:00	0.000	1413	1448	1520	1543
2023/01/01	22:54:00	0.000	1400	1444	1518	1537

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/01	22:56:00	0.000	1399	1435	1512	1545
2023/01/01	22:58:00	0.000	1391	1430	1545	1560
2023/01/01	23:00:00	0.000	1393	1428	1541	1557
2023/01/01	23:02:00	0.000	1400	1441	1537	1551
2023/01/01	23:04:00	0.000	1406	1451	1551	1601
2023/01/01	23:06:00	0.000	1419	1456	1537	1582
2023/01/01	23:08:00	0.000	1429	1465	1527	1544
2023/01/01	23:10:00	0.000	1445	1483	1525	1534
2023/01/01	23:12:00	0.000	1453	1488	1534	1564
2023/01/01	23:14:00	0.000	1439	1480	1539	1560
2023/01/01	23:16:00	0.000	1433	1468	1532	1547
2023/01/01	23:18:00	0.000	1424	1460	1506	1533
2023/01/01	23:20:00	0.000	1419	1458	1510	1558
2023/01/01	23:22:00	0.000	1417	1451	1531	1560
2023/01/01	23:24:00	0.000	1417	1451	1521	1541
2023/01/01	23:26:00	0.000	1425	1460	1535	1542
2023/01/01	23:28:00	0.000	1424	1457	1534	1558
2023/01/01	23:30:00	0.000	1428	1461	1541	1558
2023/01/01	23:32:00	0.000	1421	1462	1522	1548
2023/01/01	23:34:00	0.000	1435	1467	1548	1574
2023/01/01	23:36:00	0.000	1441	1467	1534	1571
2023/01/01	23:38:00	0.000	1440	1468	1523	1535
2023/01/01	23:40:00	0.000	1433	1468	1520	1553
2023/01/01	23:42:00	0.000	1437	1474	1520	1541
2023/01/01	23:44:00	0.000	1422	1460	1521	1544
2023/01/01	23:46:00	0.000	1417	1449	1519	1542
2023/01/01	23:48:00	0.000	1414	1445	1542	1553
2023/01/01	23:50:00	0.000	1424	1458	1534	1556
2023/01/01	23:52:00	0.000	1441	1475	1537	1586
2023/01/01	23:54:00	0.000	1428	1461	1551	1583
2023/01/01	23:56:00	0.000	1406	1452	1502	1556
2023/01/01	23:58:00	0.000	1384	1436	1470	1520

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	00:00:00	0.000	1361	1400	1494	1529
2023/01/02	00:02:00	0.000	1361	1402	1528	1542
2023/01/02	00:04:00	0.000	1382	1429	1538	1563
2023/01/02	00:06:00	0.000	1398	1439	1563	1574
2023/01/02	00:08:00	0.000	1409	1444	1555	1580
2023/01/02	00:10:00	0.000	1402	1435	1539	1568
2023/01/02	00:12:00	0.000	1397	1438	1520	1539
2023/01/02	00:14:00	0.000	1393	1431	1500	1521
2023/01/02	00:16:00	0.000	1409	1437	1499	1573
2023/01/02	00:18:00	0.000	1423	1451	1573	1595
2023/01/02	00:20:00	0.000	1435	1468	1565	1588
2023/01/02	00:22:00	0.000	1446	1479	1553	1583
2023/01/02	00:24:00	0.000	1423	1475	1512	1553
2023/01/02	00:26:00	0.000	1431	1454	1489	1518
2023/01/02	00:28:00	0.000	1421	1453	1499	1530
2023/01/02	00:30:00	0.000	1420	1467	1530	1562
2023/01/02	00:32:00	0.000	1429	1468	1555	1574
2023/01/02	00:34:00	0.000	1445	1473	1558	1578
2023/01/02	00:36:00	0.000	1451	1475	1520	1567
2023/01/02	00:38:00	0.000	1448	1478	1523	1533
2023/01/02	00:40:00	0.000	1441	1471	1514	1542
2023/01/02	00:42:00	0.000	1443	1482	1542	1553
2023/01/02	00:44:00	0.000	1451	1479	1544	1559
2023/01/02	00:46:00	0.000	1448	1480	1549	1564
2023/01/02	00:48:00	0.000	1441	1475	1534	1564
2023/01/02	00:50:00	0.000	1446	1482	1515	1537
2023/01/02	00:52:00	0.000	1434	1467	1514	1551
2023/01/02	00:54:00	0.000	1436	1461	1545	1556
2023/01/02	00:56:00	0.000	1425	1459	1528	1545
2023/01/02	00:58:00	0.000	1424	1458	1537	1582
2023/01/02	01:00:00	0.000	1433	1462	1567	1584
2023/01/02	01:02:00	0.000	1437	1473	1548	1571
2023/01/02	01:04:00	0.000	1411	1468	1497	1566
2023/01/02	01:06:00	0.000	1407	1442	1496	1525
2023/01/02	01:08:00	0.000	1394	1435	1480	1525
2023/01/02	01:10:00	0.000	1383	1421	1498	1525
2023/01/02	01:12:00	0.000	1372	1420	1516	1537
2023/01/02	01:14:00	0.000	1383	1419	1531	1541
2023/01/02	01:16:00	0.000	1387	1421	1534	1548
2023/01/02	01:18:00	0.000	1383	1411	1548	1564

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	01:20:00	0.000	1392	1428	1564	1592
2023/01/02	01:22:00	0.000	1392	1433	1555	1590
2023/01/02	01:24:00	0.000	1402	1444	1551	1564
2023/01/02	01:26:00	0.000	1414	1443	1548	1560
2023/01/02	01:28:00	0.000	1414	1444	1526	1553
2023/01/02	01:30:00	0.000	1422	1457	1511	1527
2023/01/02	01:32:00	0.000	1431	1468	1508	1558
2023/01/02	01:34:00	0.000	1447	1469	1558	1591
2023/01/02	01:36:00	0.000	1448	1478	1561	1584
2023/01/02	01:38:00	0.000	1453	1479	1548	1564
2023/01/02	01:40:00	0.000	1445	1477	1522	1553
2023/01/02	01:42:00	0.000	1438	1470	1491	1529
2023/01/02	01:44:00	0.000	1433	1463	1502	1537
2023/01/02	01:46:00	0.000	1428	1457	1520	1537
2023/01/02	01:48:00	0.000	1422	1454	1516	1544
2023/01/02	01:50:00	0.000	1423	1457	1544	1562
2023/01/02	01:52:00	0.000	1435	1469	1546	1591
2023/01/02	01:54:00	0.000	1435	1483	1558	1593
2023/01/02	01:56:00	0.000	1453	1485	1559	1574
2023/01/02	01:58:00	0.000	1441	1473	1510	1568
2023/01/02	02:00:00	0.000	1430	1462	1496	1510
2023/01/02	02:02:00	0.000	1416	1455	1489	1525
2023/01/02	02:04:00	0.000	1431	1470	1487	1575
2023/01/02	02:06:00	0.000	1446	1482	1570	1603
2023/01/02	02:08:00	0.000	1435	1483	1564	1584
2023/01/02	02:10:00	0.000	1425	1465	1539	1564
2023/01/02	02:12:00	0.000	1433	1480	1531	1545
2023/01/02	02:14:00	0.000	1442	1474	1535	1545
2023/01/02	02:16:00	0.000	1400	1456	1494	1545
2023/01/02	02:18:00	0.000	1371	1417	1477	1508
2023/01/02	02:20:00	0.000	1371	1409	1494	1512
2023/01/02	02:22:00	0.000	1379	1415	1507	1547
2023/01/02	02:24:00	0.000	1383	1415	1547	1558
2023/01/02	02:26:00	0.000	1378	1416	1545	1566
2023/01/02	02:28:00	0.000	1387	1421	1555	1574
2023/01/02	02:30:00	0.000	1388	1434	1531	1555
2023/01/02	02:32:00	0.000	1400	1436	1520	1548
2023/01/02	02:34:00	0.000	1415	1449	1521	1549
2023/01/02	02:36:00	0.000	1416	1441	1539	1578
2023/01/02	02:38:00	0.000	1420	1450	1563	1569

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	02:40:00	0.000	1422	1464	1552	1569
2023/01/02	02:42:00	0.000	1431	1462	1529	1553
2023/01/02	02:44:00	0.000	1426	1457	1531	1549
2023/01/02	02:46:00	0.000	1430	1456	1536	1572
2023/01/02	02:48:00	0.000	1417	1458	1512	1536
2023/01/02	02:50:00	0.000	1427	1458	1512	1542
2023/01/02	02:52:00	0.000	1428	1453	1534	1545
2023/01/02	02:54:00	0.000	1425	1457	1537	1546
2023/01/02	02:56:00	0.000	1409	1444	1530	1539
2023/01/02	02:58:00	0.000	1414	1444	1502	1530
2023/01/02	03:00:00	0.000	1414	1447	1510	1535
2023/01/02	03:02:00	0.000	1416	1448	1535	1587
2023/01/02	03:04:00	0.000	1417	1445	1572	1598
2023/01/02	03:06:00	0.000	1425	1460	1536	1573
2023/01/02	03:08:00	0.000	1428	1458	1518	1536
2023/01/02	03:10:00	0.000	1428	1460	1523	1545
2023/01/02	03:12:00	0.000	1428	1457	1516	1545
2023/01/02	03:14:00	0.000	1419	1457	1514	1568
2023/01/02	03:16:00	0.000	1428	1462	1567	1578
2023/01/02	03:18:00	0.000	1421	1453	1522	1584
2023/01/02	03:20:00	0.000	1423	1460	1518	1539
2023/01/02	03:22:00	0.000	1431	1457	1538	1547
2023/01/02	03:24:00	0.000	1404	1449	1515	1547
2023/01/02	03:26:00	0.000	1389	1435	1516	1525
2023/01/02	03:28:00	0.000	1378	1425	1516	1535
2023/01/02	03:30:00	0.000	1373	1414	1516	1545
2023/01/02	03:32:00	0.000	1377	1411	1539	1545
2023/01/02	03:34:00	0.000	1372	1417	1531	1544
2023/01/02	03:36:00	0.000	1374	1409	1533	1545
2023/01/02	03:38:00	0.000	1369	1406	1528	1553
2023/01/02	03:40:00	0.000	1369	1413	1545	1551
2023/01/02	03:42:00	0.000	1379	1420	1534	1553
2023/01/02	03:44:00	0.000	1388	1423	1546	1564
2023/01/02	03:46:00	0.000	1392	1433	1546	1567
2023/01/02	03:48:00	0.000	1405	1437	1555	1574
2023/01/02	03:50:00	0.000	1419	1449	1559	1575
2023/01/02	03:52:00	0.000	1409	1448	1536	1577
2023/01/02	03:54:00	0.000	1415	1446	1534	1547
2023/01/02	03:56:00	0.000	1419	1453	1528	1541
2023/01/02	03:58:00	0.000	1425	1453	1529	1550

# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	04:00:00	0.000	1424	1451	1526	1539
2023/01/02	04:02:00	0.000	1418	1457	1539	1554
2023/01/02	04:04:00	0.000	1415	1458	1540	1560
2023/01/02	04:06:00	0.000	1438	1467	1537	1561
2023/01/02	04:08:00	0.000	1428	1464	1547	1568
2023/01/02	04:10:00	0.000	1418	1453	1535	1568
2023/01/02	04:12:00	0.000	1420	1453	1528	1537
2023/01/02	04:14:00	0.000	1419	1445	1510	1533
2023/01/02	04:16:00	0.000	1404	1442	1510	1527
2023/01/02	04:18:00	0.000	1393	1448	1527	1543
2023/01/02	04:20:00	0.000	1415	1450	1534	1556
2023/01/02	04:22:00	0.000	1433	1459	1555	1580
2023/01/02	04:24:00	0.000	1433	1462	1545	1582
2023/01/02	04:26:00	0.000	1431	1467	1545	1561
2023/01/02	04:28:00	0.000	1430	1463	1553	1561
2023/01/02	04:30:00	0.000	1430	1463	1526	1553
2023/01/02	04:32:00	0.000	1423	1468	1526	1542
2023/01/02	04:34:00	0.000	1398	1446	1506	1529
2023/01/02	04:36:00	0.000	1396	1427	1507	1515
2023/01/02	04:38:00	0.000	1380	1419	1507	1518
2023/01/02	04:40:00	0.000	1372	1409	1517	1531
2023/01/02	04:42:00	0.000	1384	1422	1523	1544
2023/01/02	04:44:00	0.000	1400	1435	1543	1555
2023/01/02	04:46:00	0.000	1405	1437	1555	1580
2023/01/02	04:48:00	0.000	1388	1428	1548	1579
2023/01/02	04:50:00	0.000	1387	1422	1535	1548
2023/01/02	04:52:00	0.000	1388	1425	1525	1561
2023/01/02	04:54:00	0.000	1400	1434	1512	1527
2023/01/02	04:56:00	0.000	1414	1452	1520	1560
2023/01/02	04:58:00	0.000	1429	1461	1545	1561
2023/01/02	05:00:00	0.000	1417	1457	1558	1571
2023/01/02	05:02:00	0.000	1416	1449	1520	1570
2023/01/02	05:04:00	0.000	1409	1442	1506	1544
2023/01/02	05:06:00	0.000	1411	1453	1508	1553
2023/01/02	05:08:00	0.000	1416	1457	1553	1582
2023/01/02	05:10:00	0.000	1430	1463	1549	1580
2023/01/02	05:12:00	0.000	1441	1470	1527	1560
2023/01/02	05:14:00	0.000	1437	1473	1557	1566
2023/01/02	05:16:00	0.000	1435	1466	1495	1567
2023/01/02	05:18:00	0.000	1425	1461	1496	1541

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	05:20:00	0.000	1431	1456	1541	1552
2023/01/02	05:22:00	0.000	1419	1448	1512	1547
2023/01/02	05:24:00	0.000	1415	1456	1547	1572
2023/01/02	05:26:00	0.000	1416	1460	1553	1572
2023/01/02	05:28:00	0.000	1441	1475	1561	1583
2023/01/02	05:30:00	0.000	1431	1471	1542	1579
2023/01/02	05:32:00	0.000	1424	1453	1512	1542
2023/01/02	05:34:00	0.000	1415	1451	1499	1522
2023/01/02	05:36:00	0.000	1413	1449	1522	1543
2023/01/02	05:38:00	0.000	1427	1453	1523	1551
2023/01/02	05:40:00	0.000	1425	1458	1516	1547
2023/01/02	05:42:00	0.000	1435	1468	1547	1613
2023/01/02	05:44:00	0.000	1417	1457	1541	1605
2023/01/02	05:46:00	0.000	1409	1453	1536	1545
2023/01/02	05:48:00	0.000	1387	1447	1514	1536
2023/01/02	05:50:00	0.000	1398	1435	1478	1514
2023/01/02	05:52:00	0.000	1397	1437	1494	1556
2023/01/02	05:54:00	0.000	1399	1432	1538	1551
2023/01/02	05:56:00	0.000	1398	1428	1539	1561
2023/01/02	05:58:00	0.000	1388	1424	1545	1564
2023/01/02	06:00:00	0.000	1394	1435	1542	1564
2023/01/02	06:02:00	0.000	1410	1440	1530	1561
2023/01/02	06:04:00	0.000	1407	1437	1510	1541
2023/01/02	06:06:00	0.000	1399	1437	1512	1537
2023/01/02	06:08:00	0.000	1398	1431	1537	1554
2023/01/02	06:10:00	0.000	1406	1438	1540	1550
2023/01/02	06:12:00	0.000	1404	1443	1550	1586
2023/01/02	06:14:00	0.000	1416	1442	1549	1590
2023/01/02	06:16:00	0.000	1398	1441	1520	1549
2023/01/02	06:18:00	0.000	1398	1441	1516	1534
2023/01/02	06:20:00	0.000	1406	1438	1521	1539
2023/01/02	06:22:00	0.000	1400	1435	1536	1540
2023/01/02	06:24:00	0.000	1392	1428	1539	1553
2023/01/02	06:26:00	0.000	1400	1428	1535	1546
2023/01/02	06:28:00	0.000	1402	1436	1545	1557
2023/01/02	06:30:00	0.000	1390	1439	1541	1560
2023/01/02	06:32:00	0.000	1396	1434	1533	1547
2023/01/02	06:34:00	0.000	1402	1435	1541	1552
2023/01/02	06:36:00	0.000	1403	1433	1541	1552
2023/01/02	06:38:00	0.000	1404	1437	1542	1557



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	06:40:00	0.000	1402	1433	1541	1549
2023/01/02	06:42:00	0.000	1398	1444	1540	1550
2023/01/02	06:44:00	0.000	1410	1441	1537	1545
2023/01/02	06:46:00	0.000	1415	1450	1543	1551
2023/01/02	06:48:00	0.000	1417	1457	1550	1561
2023/01/02	06:50:00	0.000	1428	1453	1542	1561
2023/01/02	06:52:00	0.000	1435	1470	1537	1556
2023/01/02	06:54:00	0.000	1417	1454	1512	1556
2023/01/02	06:56:00	0.000	1409	1445	1502	1521
2023/01/02	06:58:00	0.000	1395	1433	1512	1527
2023/01/02	07:00:00	0.000	1379	1426	1514	1538
2023/01/02	07:02:00	0.000	1357	1407	1514	1526
2023/01/02	07:04:00	0.000	1342	1408	1520	1528
2023/01/02	07:06:00	0.000	1383	1420	1524	1556
2023/01/02	07:08:00	0.000	1368	1425	1539	1572
2023/01/02	07:10:00	0.000	1369	1409	1499	1547
2023/01/02	07:12:00	0.000	1377	1411	1504	1555
2023/01/02	07:14:00	0.000	1372	1409	1545	1556
2023/01/02	07:16:00	0.000	1374	1406	1530	1545
2023/01/02	07:18:00	0.000	1356	1407	1528	1545
2023/01/02	07:20:00	0.000	1383	1422	1528	1574
2023/01/02	07:22:00	0.000	1381	1428	1574	1605
2023/01/02	07:24:00	0.000	1401	1435	1577	1598
2023/01/02	07:26:00	0.000	1416	1443	1569	1580
2023/01/02	07:28:00	0.000	1417	1446	1549	1580
2023/01/02	07:30:00	0.000	1398	1437	1509	1553
2023/01/02	07:32:00	0.000	1383	1421	1496	1509
2023/01/02	07:34:00	0.000	1392	1428	1506	1537
2023/01/02	07:36:00	0.000	1393	1438	1525	1550
2023/01/02	07:38:00	0.000	1411	1448	1550	1569
2023/01/02	07:40:00	0.000	1426	1455	1568	1591
2023/01/02	07:42:00	0.000	1411	1458	1532	1584
2023/01/02	07:44:00	0.000	1414	1442	1515	1533
2023/01/02	07:46:00	0.000	1399	1427	1504	1524
2023/01/02	07:48:00	0.000	1384	1433	1502	1520
2023/01/02	07:50:00	0.000	1405	1446	1510	1562
2023/01/02	07:52:00	0.000	1421	1452	1562	1598
2023/01/02	07:54:00	0.000	1387	1439	1543	1572
2023/01/02	07:56:00	0.000	1381	1412	1484	1543
2023/01/02	07:58:00	0.000	1382	1421	1484	1515

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	08:00:00	0.000	1390	1424	1512	1537
2023/01/02	08:02:00	0.000	1400	1438	1537	1567
2023/01/02	08:04:00	0.000	1387	1421	1555	1566
2023/01/02	08:06:00	0.000	1367	1412	1535	1558
2023/01/02	08:08:00	0.000	1355	1400	1501	1535
2023/01/02	08:10:00	0.000	1356	1400	1499	1547
2023/01/02	08:12:00	0.000	1353	1400	1546	1560
2023/01/02	08:14:00	0.000	1354	1400	1547	1564
2023/01/02	08:16:00	0.000	1358	1399	1563	1570
2023/01/02	08:18:00	0.000	1353	1394	1510	1569
2023/01/02	08:20:00	0.000	1363	1403	1504	1523
2023/01/02	08:22:00	0.000	1383	1413	1523	1537
2023/01/02	08:24:00	0.000	1382	1417	1534	1542
2023/01/02	08:26:00	0.000	1383	1421	1542	1576
2023/01/02	08:28:00	0.000	1375	1424	1552	1566
2023/01/02	08:30:00	0.000	1392	1422	1545	1569
2023/01/02	08:32:00	0.000	1402	1431	1556	1574
2023/01/02	08:34:00	0.000	1396	1431	1537	1561
2023/01/02	08:36:00	0.000	1386	1427	1534	1551
2023/01/02	08:38:00	0.000	1391	1422	1514	1550
2023/01/02	08:40:00	0.000	1392	1421	1499	1525
2023/01/02	08:42:00	0.000	1383	1417	1496	1514
2023/01/02	08:44:00	0.000	1392	1423	1514	1553
2023/01/02	08:46:00	0.000	1394	1430	1553	1580
2023/01/02	08:48:00	0.000	1387	1421	1549	1588
2023/01/02	08:50:00	0.000	1388	1428	1535	1549
2023/01/02	08:52:00	0.000	1390	1419	1537	1542
2023/01/02	08:54:00	0.000	1403	1431	1526	1543
2023/01/02	08:56:00	0.000	1406	1437	1515	1537
2023/01/02	08:58:00	0.000	1406	1439	1535	1568
2023/01/02	09:00:00	0.000	1410	1441	1554	1573
2023/01/02	09:02:00	0.000	1409	1444	1570	1580
2023/01/02	09:04:00	0.000	1407	1449	1531	1570
2023/01/02	09:06:00	0.000	1411	1450	1521	1541
2023/01/02	09:08:00	0.000	1419	1448	1534	1547
2023/01/02	09:10:00	0.000	1422	1458	1533	1542
2023/01/02	09:12:00	0.000	1432	1463	1537	1551
2023/01/02	09:14:00	0.000	1409	1451	1516	1545
2023/01/02	09:16:00	0.000	1387	1431	1510	1527
2023/01/02	09:18:00	0.000	1369	1424	1519	1534

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	09:20:00	0.000	1353	1401	1515	1535
2023/01/02	09:22:00	0.000	1354	1400	1534	1549
2023/01/02	09:24:00	0.000	1354	1394	1537	1543
2023/01/02	09:26:00	0.000	1358	1396	1537	1544
2023/01/02	09:28:00	0.000	1361	1412	1543	1564
2023/01/02	09:30:00	0.000	1383.000	1441.000	1564.000	1591.000
2023/01/02	09:32:00	0.000	1411.000	1452.000	1580.000	1589.000
2023/01/02	09:34:00	0.000	1414	1457	1570	1581
2023/01/02	09:36:00	0.000	1413	1448	1525	1570
2023/01/02	09:38:00	0.000	1415	1445	1530	1535
2023/01/02	09:40:00	0.000	1415	1442	1518	1533
2023/01/02	09:42:00	0.000	1402	1439	1497	1518
2023/01/02	09:44:00	0.000	1409	1437	1510	1578
2023/01/02	09:46:00	0.000	1424	1457	1578	1594
2023/01/02	09:48:00	0.000	1439	1468	1568	1580
2023/01/02	09:50:00	0.000	1438	1468	1535	1570
2023/01/02	09:52:00	0.000	1428	1460	1523	1535
2023/01/02	09:54:00	0.000	1421	1448	1499	1523
2023/01/02	09:56:00	0.000	1410	1448	1501	1541
2023/01/02	09:58:00	0.000	1411	1441	1503	1545
2023/01/02	10:00:00	0.000	1409	1446	1516	1539
2023/01/02	10:02:00	0.000	1419	1450	1531	1572
2023/01/02	10:04:00	0.000	1420	1452	1570	1591
2023/01/02	10:06:00	0.000	1415	1460	1536	1574
2023/01/02	10:08:00	0.000	1428	1457	1528	1554
2023/01/02	10:10:00	0.000	1433	1465	1526	1548
2023/01/02	10:12:00	0.000	1424	1460	1514	1531
2023/01/02	10:14:00	0.000	1433	1466	1502	1527
2023/01/02	10:16:00	0.000	1437	1464	1512	1531
2023/01/02	10:18:00	0.000	1428	1462	1510	1560
2023/01/02	10:20:00	0.000	1431	1470	1560	1574
2023/01/02	10:22:00	0.000	1442	1479	1555	1574
2023/01/02	10:24:00	0.000	1419	1461	1550	1562
2023/01/02	10:26:00	0.000	1393	1434	1500	1550
2023/01/02	10:28:00	0.000	1368	1417	1492	1512
2023/01/02	10:30:00	0.000	1372	1411	1500	1533
2023/01/02	10:32:00	0.000	1377	1424	1533	1560
2023/01/02	10:34:00	0.000	1388	1426	1547	1567
2023/01/02	10:36:00	0.000	1391	1434	1539	1572
2023/01/02	10:38:00	0.000	1384	1425	1524	1539

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	10:40:00	0.000	1380	1422	1512	1527
2023/01/02	10:42:00	0.000	1399	1431	1516	1564
2023/01/02	10:44:00	0.000	1396	1432	1560	1571
2023/01/02	10:46:00	0.000	1399	1430	1554	1566
2023/01/02	10:48:00	0.000	1405	1440	1541	1564
2023/01/02	10:50:00	0.000	1421	1460	1536	1556
2023/01/02	10:52:00	0.000	1437	1465	1555	1580
2023/01/02	10:54:00	0.000	1428	1462	1528	1586
2023/01/02	10:56:00	0.000	1405	1451	1498	1528
2023/01/02	10:58:00	0.000	1409	1438	1495	1515
2023/01/02	11:00:00	0.000	1414	1445	1515	1549
2023/01/02	11:02:00	0.000	1424	1454	1549	1564
2023/01/02	11:04:00	0.000	1423	1464	1563	1566
2023/01/02	11:06:00	0.000	1441	1464	1559	1566
2023/01/02	11:08:00	0.000	1431	1471	1545	1571
2023/01/02	11:10:00	0.000	1441	1468	1516	1545
2023/01/02	11:12:00	0.000	1423	1456	1513	1528
2023/01/02	11:14:00	0.000	1414	1451	1515	1570
2023/01/02	11:16:00	0.000	1407	1444	1570	1582
2023/01/02	11:18:00	0.000	1396	1437	1547	1576
2023/01/02	11:20:00	0.000	1413	1445	1485	1547
2023/01/02	11:22:00	0.000	1422	1450	1494	1549
2023/01/02	11:24:00	0.000	1417	1458	1537	1549
2023/01/02	11:26:00	0.000	1432	1470	1539	1553
2023/01/02	11:28:00	0.000	1417	1465	1549	1561
2023/01/02	11:30:00	0.000	1406	1446	1550	1558
2023/01/02	11:32:00	0.000	1420	1459	1551	1576
2023/01/02	11:34:00	0.000	1418	1451	1545	1580
2023/01/02	11:36:00	0.000	1417	1459	1531	1547
2023/01/02	11:38:00	0.000	1388	1438	1494	1531
2023/01/02	11:40:00	0.000	1368	1404	1491	1523
2023/01/02	11:42:00	0.000	1345	1404	1515	1531
2023/01/02	11:44:00	0.000	1369	1423	1521	1539
2023/01/02	11:46:00	0.000	1392	1435	1539	1575
2023/01/02	11:48:00	0.000	1403	1445	1575	1598
2023/01/02	11:50:00	0.000	1428	1465	1578	1593
2023/01/02	11:52:00	0.000	1445	1477	1567	1583
2023/01/02	11:54:00	0.000	1464	1495	1535	1578
2023/01/02	11:56:00	0.000	1473	1501	1526	1540
2023/01/02	11:58:00	0.000	1483	1508	1539	1574

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	12:00:00	0.000	1486	1522	1519	1574
2023/01/02	12:02:00	0.000	1497	1527	1512	1526
2023/01/02	12:04:00	0.000	1493	1516	1506	1559
2023/01/02	12:06:00	0.000	1493	1518	1559	1581
2023/01/02	12:08:00	0.000	1489	1518	1553	1576
2023/01/02	12:10:00	0.000	1484	1518	1540	1554
2023/01/02	12:12:00	0.000	1482	1516	1513	1558
2023/01/02	12:14:00	0.000	1481	1507	1505	1532
2023/01/02	12:16:00	0.000	1479	1508	1520	1541
2023/01/02	12:18:00	0.000	1479	1504	1528	1545
2023/01/02	12:20:00	0.000	1477	1503	1531	1549
2023/01/02	12:22:00	0.000	1474	1503	1513	1537
2023/01/02	12:24:00	0.000	1458	1488	1526	1551
2023/01/02	12:26:00	0.000	1473	1503	1528	1588
2023/01/02	12:28:00	0.000	1477	1499	1540	1591
2023/01/02	12:30:00	0.000	1481	1512	1527	1543
2023/01/02	12:32:00	0.000	1478	1521	1525	1548
2023/01/02	12:34:00	0.000	1488	1516	1548	1557
2023/01/02	12:36:00	0.000	1484	1512	1551	1569
2023/01/02	12:38:00	0.000	1490	1512	1523	1558
2023/01/02	12:40:00	0.000	1493	1528	1518	1523
2023/01/02	12:42:00	0.000	1506	1538	1522	1550
2023/01/02	12:44:00	0.000	1483	1531	1539	1553
2023/01/02	12:46:00	0.000	1474	1509	1525	1539
2023/01/02	12:48:00	0.000	1455	1499	1502	1526
2023/01/02	12:50:00	0.000	1445	1486	1516	1548
2023/01/02	12:52:00	0.000	1444	1473	1531	1547
2023/01/02	12:54:00	0.000	1439	1469	1517	1533
2023/01/02	12:56:00	0.000	1433	1469	1525	1545
2023/01/02	12:58:00	0.000	1428	1458	1527	1574
2023/01/02	13:00:00	0.000	1421	1468	1566	1576
2023/01/02	13:02:00	0.000	1448	1489	1558	1577
2023/01/02	13:04:00	0.000	1462	1493	1547	1568
2023/01/02	13:06:00	0.000	1471	1503	1539	1553
2023/01/02	13:08:00	0.000	1477	1505	1541	1559
2023/01/02	13:10:00	0.000	1486	1515	1533	1571
2023/01/02	13:12:00	0.000	1479	1507	1526	1551
2023/01/02	13:14:00	0.000	1472	1499	1499	1526
2023/01/02	13:16:00	0.000	1469	1497	1501	1528
2023/01/02	13:18:00	0.000	1485	1521	1520	1581

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	13:20:00	0.000	1502	1538	1577	1591
2023/01/02	13:22:00	0.000	1518	1547	1561	1591
2023/01/02	13:24:00	0.000	1501	1532	1514	1565
2023/01/02	13:26:00	0.000	1475	1516	1489	1522
2023/01/02	13:28:00	0.000	1475	1499	1491	1516
2023/01/02	13:30:00	0.000	1471	1506	1515	1534
2023/01/02	13:32:00	0.000	1486	1519	1534	1549
2023/01/02	13:34:00	0.000	1510	1538	1549	1609
2023/01/02	13:36:00	0.000	1512	1538	1581	1601
2023/01/02	13:38:00	0.000	1517	1539	1545	1583
2023/01/02	13:40:00	0.000	1506	1545	1523	1553
2023/01/02	13:42:00	0.000	1493	1529	1523	1545
2023/01/02	13:44:00	0.000	1486	1510	1481	1527
2023/01/02	13:46:00	0.000	1489	1518	1491	1529
2023/01/02	13:48:00	0.000	1493	1527	1529	1570
2023/01/02	13:50:00	0.000	1497	1541	1557	1571
2023/01/02	13:52:00	0.000	1523	1560	1553	1589
2023/01/02	13:54:00	0.000	1502	1548	1541	1587
2023/01/02	13:56:00	0.000	1480	1508	1475	1541
2023/01/02	13:58:00	0.000	1455	1497	1444	1506
2023/01/02	14:00:00	0.000	1437	1479	1506	1539
2023/01/02	14:02:00	0.000	1435	1471	1539	1566
2023/01/02	14:04:00	0.000	1441	1477	1557	1591
2023/01/02	14:06:00	0.000	1451	1482	1543	1572
2023/01/02	14:08:00	0.000	1460	1488	1529	1560
2023/01/02	14:10:00	0.000	1460	1498	1527	1536
2023/01/02	14:12:00	0.000	1472	1508	1527	1561
2023/01/02	14:14:00	0.000	1468	1497	1550	1570
2023/01/02	14:16:00	0.000	1457	1484	1529	1566
2023/01/02	14:18:00	0.000	1455	1479	1510	1529
2023/01/02	14:20:00	0.000	1459	1493	1502	1545
2023/01/02	14:22:00	0.000	1471	1508	1518	1544
2023/01/02	14:24:00	0.000	1482	1514	1527	1607
2023/01/02	14:26:00	0.000	1487	1523	1537	1606
2023/01/02	14:28:00	0.000	1472	1508	1556	1580
2023/01/02	14:30:00	0.000	1464	1505	1534	1556
2023/01/02	14:32:00	0.000	1457	1502	1531	1553
2023/01/02	14:34:00	0.000	1460	1499	1502	1531
2023/01/02	14:36:00	0.000	1457	1488	1485	1521
2023/01/02	14:38:00	0.000	1452	1494	1485	1568

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	14:40:00	0.000	1460	1497	1568	1572
2023/01/02	14:42:00	0.000	1471	1504	1567	1574
2023/01/02	14:44:00	0.000	1476	1507	1522	1574
2023/01/02	14:46:00	0.000	1475	1510	1528	1572
2023/01/02	14:48:00	0.000	1484	1516	1513	1568
2023/01/02	14:50:00	0.000	1480	1509	1522	1544
2023/01/02	14:52:00	0.000	1480	1507	1539	1549
2023/01/02	14:54:00	0.000	1475	1506	1515	1545
2023/01/02	14:56:00	0.000	1475	1501	1506	1523
2023/01/02	14:58:00	0.000	1476	1505	1510	1566
2023/01/02	15:00:00	0.000	1473	1505	1554	1575
2023/01/02	15:02:00	0.000	1477	1512	1555	1575
2023/01/02	15:04:00	0.000	1453	1492	1539	1566
2023/01/02	15:06:00	0.000	1451	1480	1464	1539
2023/01/02	15:08:00	0.000	1438	1469	1485	1502
2023/01/02	15:10:00	0.000	1427	1464	1502	1527
2023/01/02	15:12:00	0.000	1428	1461	1522	1556
2023/01/02	15:14:00	0.000	1420	1457	1549	1566
2023/01/02	15:16:00	0.000	1420	1454	1566	1576
2023/01/02	15:18:00	0.000	1409	1449	1515	1573
2023/01/02	15:20:00	0.000	1417	1463	1515	1538
2023/01/02	15:22:00	0.000	1438	1465	1535	1543
2023/01/02	15:24:00	0.000	1445	1472	1531	1542
2023/01/02	15:26:00	0.000	1445	1475	1542	1551
2023/01/02	15:28:00	0.000	1436	1471	1545	1553
2023/01/02	15:30:00	0.000	1449	1478	1539	1547
2023/01/02	15:32:00	0.000	1449	1473	1545	1553
2023/01/02	15:34:00	0.000	1438	1477	1539	1551
2023/01/02	15:36:00	0.000	1439	1471	1539	1551
2023/01/02	15:38:00	0.000	1442	1475	1528	1550
2023/01/02	15:40:00	0.000	1428	1471	1526	1547
2023/01/02	15:42:00	0.000	1437	1472	1546	1552
2023/01/02	15:44:00	0.000	1435	1471	1533	1546
2023/01/02	15:46:00	0.000	1433	1461	1533	1546
2023/01/02	15:48:00	0.000	1421	1467	1537	1553
2023/01/02	15:50:00	0.000	1431	1463	1528	1546
2023/01/02	15:52:00	0.000	1431	1464	1515	1533
2023/01/02	15:54:00	0.000	1428	1463	1500	1537
2023/01/02	15:56:00	0.000	1428	1462	1533	1547
2023/01/02	15:58:00	0.000	1424	1461	1537	1566

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	16:00:00	0.000	1421	1457	1553	1572
2023/01/02	16:02:00	0.000	1426	1457	1561	1574
2023/01/02	16:04:00	0.000	1427	1455	1544	1563
2023/01/02	16:06:00	0.000	1429	1460	1528	1559
2023/01/02	16:08:00	0.000	1428	1471	1522	1534
2023/01/02	16:10:00	0.000	1454	1480	1534	1560
2023/01/02	16:12:00	0.000	1464	1490	1553	1569
2023/01/02	16:14:00	0.000	1446	1488	1526	1563
2023/01/02	16:16:00	0.000	1405	1463	1488	1526
2023/01/02	16:18:00	0.000	1397	1431	1494	1504
2023/01/02	16:20:00	0.000	1377	1416	1497	1531
2023/01/02	16:22:00	0.000	1394	1451	1531	1567
2023/01/02	16:24:00	0.000	1397	1443	1541	1566
2023/01/02	16:26:00	0.000	1368	1415	1521	1554
2023/01/02	16:28:00	0.000	1393	1429	1522	1541
2023/01/02	16:30:00	0.000	1406	1452	1541	1579
2023/01/02	16:32:00	0.000	1421	1462	1554	1596
2023/01/02	16:34:00	0.000	1435	1465	1555	1577
2023/01/02	16:36:00	0.000	1434	1464	1529	1555
2023/01/02	16:38:00	0.000	1426	1454	1530	1543
2023/01/02	16:40:00	0.000	1428	1461	1528	1544
2023/01/02	16:42:00	0.000	1428	1456	1516	1530
2023/01/02	16:44:00	0.000	1421	1451	1512	1539
2023/01/02	16:46:00	0.000	1415	1452	1539	1556
2023/01/02	16:48:00	0.000	1431	1463	1545	1580
2023/01/02	16:50:00	0.000	1440	1475	1559	1593
2023/01/02	16:52:00	0.000	1449	1479	1557	1569
2023/01/02	16:54:00	0.000	1451	1477	1539	1566
2023/01/02	16:56:00	0.000	1439	1483	1528	1541
2023/01/02	16:58:00	0.000	1429	1462	1512	1528
2023/01/02	17:00:00	0.000	1416	1448	1502	1516
2023/01/02	17:02:00	0.000	1409	1451	1512	1542
2023/01/02	17:04:00	0.000	1424	1457	1541	1562
2023/01/02	17:06:00	0.000	1434	1459	1562	1578
2023/01/02	17:08:00	0.000	1431	1466	1551	1575
2023/01/02	17:10:00	0.000	1433	1465	1532	1551
2023/01/02	17:12:00	0.000	1428	1472	1532	1559
2023/01/02	17:14:00	0.000	1435	1465	1534	1560
2023/01/02	17:16:00	0.000	1441	1473	1531	1545
2023/01/02	17:18:00	0.000	1441	1474	1530	1551



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	17:20:00	0.000	1446	1480	1547	1580
2023/01/02	17:22:00	0.000	1460	1486	1541	1569
2023/01/02	17:24:00	0.000	1421	1479	1513	1545
2023/01/02	17:26:00	0.000	1391	1441	1483	1513
2023/01/02	17:28:00	0.000	1385	1425	1489	1527
2023/01/02	17:30:00	0.000	1391	1428	1527	1542
2023/01/02	17:32:00	0.000	1396	1435	1527	1560
2023/01/02	17:34:00	0.000	1400	1435	1535	1558
2023/01/02	17:36:00	0.000	1394	1434	1542	1552
2023/01/02	17:38:00	0.000	1383	1425	1537	1546
2023/01/02	17:40:00	0.000	1388	1421	1536	1542
2023/01/02	17:42:00	0.000	1394	1449	1522	1541
2023/01/02	17:44:00	0.000	1428	1465	1531	1591
2023/01/02	17:46:00	0.000	1424	1464	1543	1604
2023/01/02	17:48:00	0.000	1409	1451	1528	1543
2023/01/02	17:50:00	0.000	1400	1434	1501	1528
2023/01/02	17:52:00	0.000	1417	1457	1520	1544
2023/01/02	17:54:00	0.000	1435	1472	1539	1566
2023/01/02	17:56:00	0.000	1433	1460	1520	1558
2023/01/02	17:58:00	0.000	1430	1462	1520	1573
2023/01/02	18:00:00	0.000	1425	1452	1548	1573
2023/01/02	18:02:00	0.000	1414	1447	1511	1558
2023/01/02	18:04:00	0.000	1406	1441	1504	1526
2023/01/02	18:06:00	0.000	1415	1450	1526	1565
2023/01/02	18:08:00	0.000	1424	1461	1565	1582
2023/01/02	18:10:00	0.000	1435	1464	1564	1584
2023/01/02	18:12:00	0.000	1428	1458	1516	1564
2023/01/02	18:14:00	0.000	1421	1452	1512	1527
2023/01/02	18:16:00	0.000	1419	1449	1507	1523
2023/01/02	18:18:00	0.000	1407	1442	1523	1596
2023/01/02	18:20:00	0.000	1412	1439	1542	1596
2023/01/02	18:22:00	0.000	1404	1435	1527	1550
2023/01/02	18:24:00	0.000	1409	1446	1528	1551
2023/01/02	18:26:00	0.000	1419	1448	1537	1554
2023/01/02	18:28:00	0.000	1407	1448	1526	1554
2023/01/02	18:30:00	0.000	1419	1452	1535	1556
2023/01/02	18:32:00	0.000	1424	1457	1556	1572
2023/01/02	18:34:00	0.000	1413	1454	1542	1560
2023/01/02	18:36:00	0.000	1387	1439	1533	1546
2023/01/02	18:38:00	0.000	1386	1424	1502	1533

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-7**

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	18:40:00	0.000	1374	1409	1494	1510
2023/01/02	18:42:00	0.000	1365	1400	1502	1528
2023/01/02	18:44:00	0.000	1341	1386	1524	1549
2023/01/02	18:46:00	0.000	1343	1386	1527	1549
2023/01/02	18:48:00	0.000	1343	1382	1523	1533
2023/01/02	18:50:00	0.000	1338	1394	1526	1568
2023/01/02	18:52:00	0.000	1365	1418	1568	1588
2023/01/02	18:54:00	0.000	1388	1428	1554	1593
2023/01/02	18:56:00	0.000	1392	1433	1553	1572
2023/01/02	18:58:00	0.000	1388	1421	1539	1568
2023/01/02	19:00:00	0.000	1396	1428	1544	1575
2023/01/02	19:02:00	0.000	1383	1425	1543	1563
2023/01/02	19:04:00	0.000	1378	1419	1517	1543
2023/01/02	19:06:00	0.000	1370	1411	1487	1517
2023/01/02	19:08:00	0.000	1384	1411	1496	1544
2023/01/02	19:10:00	0.000	1394	1435	1544	1599
2023/01/02	19:12:00	0.000	1411	1452	1586	1599
2023/01/02	19:14:00	0.000	1402	1435	1528	1586
2023/01/02	19:16:00	0.000	1384	1418	1480	1528
2023/01/02	19:18:00	0.000	1375	1413	1481	1515
2023/01/02	19:20:00	0.000	1375	1427	1515	1568
2023/01/02	19:22:00	0.000	1404	1439	1563	1591
2023/01/02	19:24:00	0.000	1379	1417	1545	1584
2023/01/02	19:26:00	0.000	1361	1407	1515	1568
2023/01/02	19:28:00	0.000	1373	1408	1501	1515
2023/01/02	19:30:00	0.000	1389	1424	1502	1555
2023/01/02	19:32:00	0.000	1396	1431	1555	1582
2023/01/02	19:34:00	0.000	1406	1433	1561	1581
2023/01/02	19:36:00	0.000	1400	1438	1559	1566
2023/01/02	19:38:00	0.000	1394	1428	1534	1559
2023/01/02	19:40:00	0.000	1391	1424	1509	1537
2023/01/02	19:42:00	0.000	1402	1430	1512	1523
2023/01/02	19:44:00	0.000	1362	1419	1514	1523
2023/01/02	19:46:00	0.000	1345	1390	1517	1531
2023/01/02	19:48:00	0.000	1335	1385	1510	1531
2023/01/02	19:50:00	0.000	1349	1388	1510	1544
2023/01/02	19:52:00	0.000	1357	1405	1537	1563
2023/01/02	19:54:00	0.000	1336	1392	1549	1567
2023/01/02	19:56:00	0.000	1324	1374	1514	1549
2023/01/02	19:58:00	0.000	1328	1372	1508	1538

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM MIN	MAX	CH05 1 Deg. F MIN	MAX
2023/01/02	20:00:00	0.000	1334	1384	1537	1561
2023/01/02	20:02:00	0.000	1358	1405	1561	1586
2023/01/02	20:04:00	0.000	1377	1417	1570	1587
2023/01/02	20:06:00	0.000	1383	1417	1558	1573
2023/01/02	20:08:00	0.000	1358	1404	1512	1560
2023/01/02	20:10:00	0.000	1359	1400	1502	1518
2023/01/02	20:12:00	0.000	1362	1410	1518	1549
2023/01/02	20:14:00	0.000	1389	1428	1549	1566
2023/01/02	20:16:00	0.000	1370	1431	1553	1569
2023/01/02	20:18:00	0.000	1376	1415	1545	1558
2023/01/02	20:20:00	0.000	1360	1403	1537	1553
2023/01/02	20:22:00	0.000	1350	1411	1522	1539
2023/01/02	20:24:00	0.000	1383	1424	1535	1560
2023/01/02	20:26:00	0.000	1392	1427	1560	1569
2023/01/02	20:28:00	0.000	1381	1417	1537	1566
2023/01/02	20:30:00	0.000	1354	1403	1510	1537
2023/01/02	20:32:00	0.000	1355	1392	1495	1514
2023/01/02	20:34:00	0.000	1354	1404	1513	1538
2023/01/02	20:36:00	0.000	1372	1417	1538	1570
2023/01/02	20:38:00	0.000	1383	1430	1570	1585
2023/01/02	20:40:00	0.000	1369	1417	1535	1571
2023/01/02	20:42:00	0.000	1351	1398	1485	1535
2023/01/02	20:44:00	0.000	1355	1396	1489	1518
2023/01/02	20:46:00	0.000	1360	1409	1518	1551
2023/01/02	20:48:00	0.000	1374	1417	1549	1574
2023/01/02	20:50:00	0.000	1383	1433	1571	1575
2023/01/02	20:52:00	0.000	1406	1448	1570	1585
2023/01/02	20:54:00	0.000	1373	1428	1506	1579
2023/01/02	20:56:00	0.000	1342	1392	1475	1506
2023/01/02	20:58:00	0.000	1313	1361	1471	1495
2023/01/02	21:00:00	0.000	1309	1364	1495	1512
2023/01/02	21:02:00	0.000	1297	1356	1502	1531
2023/01/02	21:04:00	0.000	1311	1365	1531	1557
2023/01/02	21:06:00	0.000	1336	1369	1557	1578
2023/01/02	21:08:00	0.000	1329	1370	1563	1577
2023/01/02	21:10:00	0.000	1333	1380	1554	1576
2023/01/02	21:12:00	0.000	1345	1393	1550	1570
2023/01/02	21:14:00	0.000	1358	1401	1536	1564
2023/01/02	21:16:00	0.000	1358	1407	1537	1560
2023/01/02	21:18:00	0.000	1364	1402	1553	1566

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	21:20:00	0.000	1383	1425	1555	1566
2023/01/02	21:22:00	0.000	1388	1417	1541	1558
2023/01/02	21:24:00	0.000	1382	1416	1528	1541
2023/01/02	21:26:00	0.000	1391	1421	1535	1552
2023/01/02	21:28:00	0.000	1380	1417	1531	1542
2023/01/02	21:30:00	0.000	1382	1414	1535	1543
2023/01/02	21:32:00	0.000	1374	1416	1531	1545
2023/01/02	21:34:00	0.000	1377	1416	1525	1541
2023/01/02	21:36:00	0.000	1377	1407	1523	1535
2023/01/02	21:38:00	0.000	1374	1413	1522	1539
2023/01/02	21:40:00	0.000	1367	1406	1537	1550
2023/01/02	21:42:00	0.000	1367	1404	1527	1553
2023/01/02	21:44:00	0.000	1369	1406	1547	1562
2023/01/02	21:46:00	0.000	1361	1402	1543	1560
2023/01/02	21:48:00	0.000	1368	1400	1545	1566
2023/01/02	21:50:00	0.000	1358	1396	1528	1545
2023/01/02	21:52:00	0.000	1356	1398	1520	1541
2023/01/02	21:54:00	0.000	1368	1402	1523	1535
2023/01/02	21:56:00	0.000	1363	1394	1523	1534
2023/01/02	21:58:00	0.000	1361	1400	1523	1552
2023/01/02	22:00:00	0.000	1370	1400	1547	1563
2023/01/02	22:02:00	0.000	1362	1411	1553	1566
2023/01/02	22:04:00	0.000	1354	1398	1547	1566
2023/01/02	22:06:00	0.000	1335	1380	1528	1547
2023/01/02	22:08:00	0.000	1328	1366	1502	1539
2023/01/02	22:10:00	0.000	1315	1350	1499	1525
2023/01/02	22:12:00	0.000	1304	1349	1516	1528
2023/01/02	22:14:00	0.000	1311	1348	1517	1528
2023/01/02	22:16:00	0.000	1293	1347	1528	1550
2023/01/02	22:18:00	0.000	1311	1352	1533	1553
2023/01/02	22:20:00	0.000	1305	1351	1532	1551
2023/01/02	22:22:00	0.000	1299	1339	1532	1542
2023/01/02	22:24:00	0.000	1311	1366	1530	1556
2023/01/02	22:26:00	0.000	1337	1370	1555	1582
2023/01/02	22:28:00	0.000	1335	1372	1567	1582
2023/01/02	22:30:00	0.000	1321	1372	1551	1567
2023/01/02	22:32:00	0.000	1304	1354	1528	1558
2023/01/02	22:34:00	0.000	1281	1351	1497	1529
2023/01/02	22:36:00	0.000	1310	1365	1510	1549
2023/01/02	22:38:00	0.000	1322	1368	1545	1553

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F	
			MIN	MAX	MIN	MAX
2023/01/02	22:40:00	0.000	1314	1367	1541	1553
2023/01/02	22:42:00	0.000	1295	1354	1518	1545
2023/01/02	22:44:00	0.000	1299	1346	1518	1521
2023/01/02	22:46:00	0.000	1289	1344	1521	1547
2023/01/02	22:48:00	0.000	1290	1338	1531	1539
2023/01/02	22:50:00	0.000	1285	1356	1527	1561
2023/01/02	22:52:00	0.000	1323	1363	1561	1591
2023/01/02	22:54:00	0.000	1317	1364	1564	1589
2023/01/02	22:56:00	0.000	1317	1351	1543	1569
2023/01/02	22:58:00	0.000	1295	1343	1515	1543
2023/01/02	23:00:00	0.000	1288	1336	1510	1516
2023/01/02	23:02:00	0.000	1254	1368	1511	1561
2023/01/02	23:04:00	0.000	1309	1370	1561	1589
2023/01/02	23:06:00	0.000	1278	1335	1528	1570
2023/01/02	23:08:00	0.000	1277	1327	1512	1529
2023/01/02	23:10:00	0.000	1291	1335	1510	1535
2023/01/02	23:12:00	0.000	1295	1339	1534	1553
2023/01/02	23:14:00	0.000	1303	1345	1550	1561
2023/01/02	23:16:00	0.000	1303	1354	1552	1569
2023/01/02	23:18:00	0.000	1304	1352	1551	1569
2023/01/02	23:20:00	0.000	1304	1355	1545	1553
2023/01/02	23:22:00	0.000	1316	1352	1545	1559
2023/01/02	23:24:00	0.000	1300	1344	1526	1558
2023/01/02	23:26:00	0.000	1281	1338	1497	1526
2023/01/02	23:28:00	0.000	1281	1332	1511	1526
2023/01/02	23:30:00	0.000	1255	1325	1520	1541
2023/01/02	23:32:00	0.000	1276	1332	1531	1541
2023/01/02	23:34:00	0.000	1298	1354	1541	1567
2023/01/02	23:36:00	0.000	1314	1358	1567	1595
2023/01/02	23:38:00	0.000	1316	1354	1540	1587
2023/01/02	23:40:00	0.000	1299	1354	1515	1540
2023/01/02	23:42:00	0.000	1299	1347	1512	1534
2023/01/02	23:44:00	0.000	1279	1338	1523	1535
2023/01/02	23:46:00	0.000	1291	1339	1516	1534
2023/01/02	23:48:00	0.000	1264	1357	1528	1566
2023/01/02	23:50:00	0.000	1317	1360	1566	1589
2023/01/02	23:52:00	0.000	1289	1353	1558	1580
2023/01/02	23:54:00	0.000	1288	1345	1538	1561
2023/01/02	23:56:00	0.000	1297	1343	1534	1542
2023/01/02	23:58:00	0.000	1282	1342	1519	1537

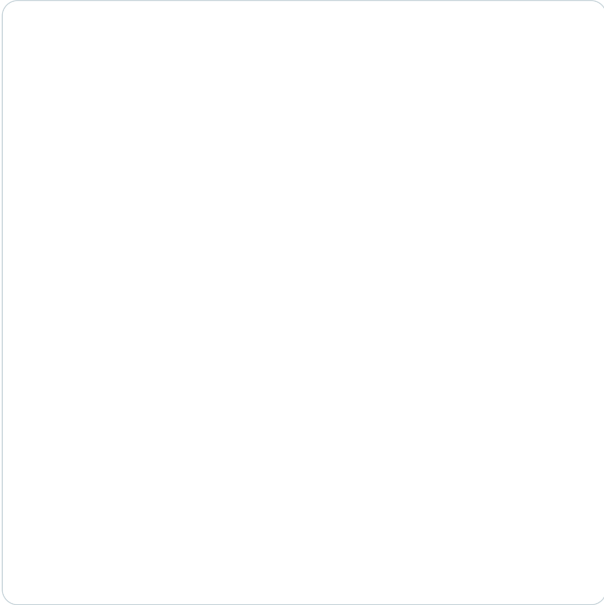
Attachment C  
Highway 92 Closure Notifications

Caltrans District 4 

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[#TRAFFICALERT](#): State Route 84 (Niles Canyon Road) remains closed at Mission Blvd. (SR-238) between Fremont and Sunol (Alameda County) as crews continue to pump water from the roadway. Unknown on when highway will re-open.  
[#AlamedaCounty](#)



9:50 PM · Dec 31, 2022



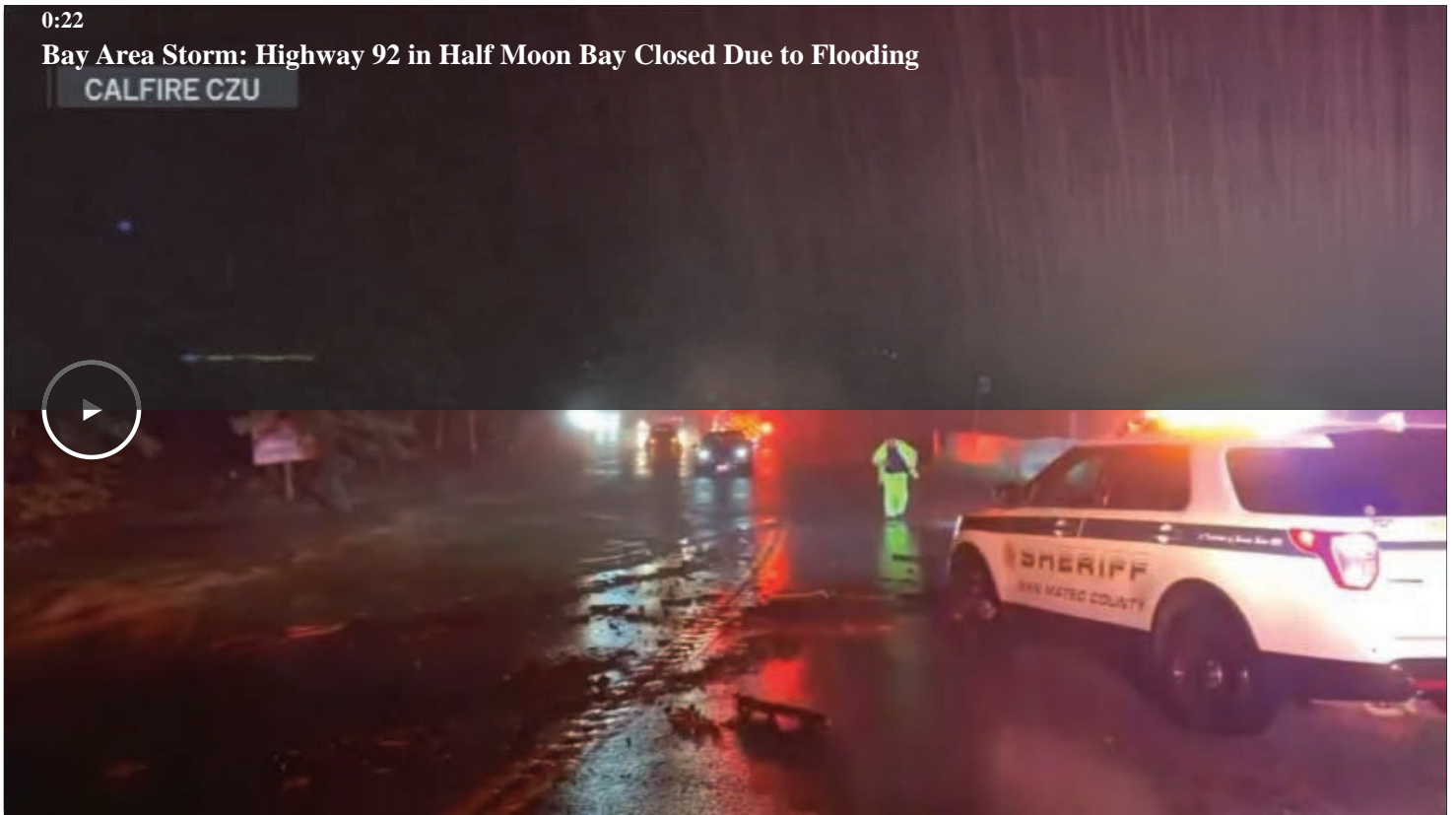
 10  Reply  Share

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Further south, a number of spots along Highway 1 in the Big Sur area are closed due to mudslides. Check traffic apps before leaving home, as your usual routes around Northern California today may be inaccessible.

## Highway 92 flooded in Half Moon Bay

A section of Highway 92 in Half Moon Bay was shut down early Saturday due to flooding. The closure is from Skyline Boulevard to Main Street, with no estimated time to reopen, Cal Fire says.

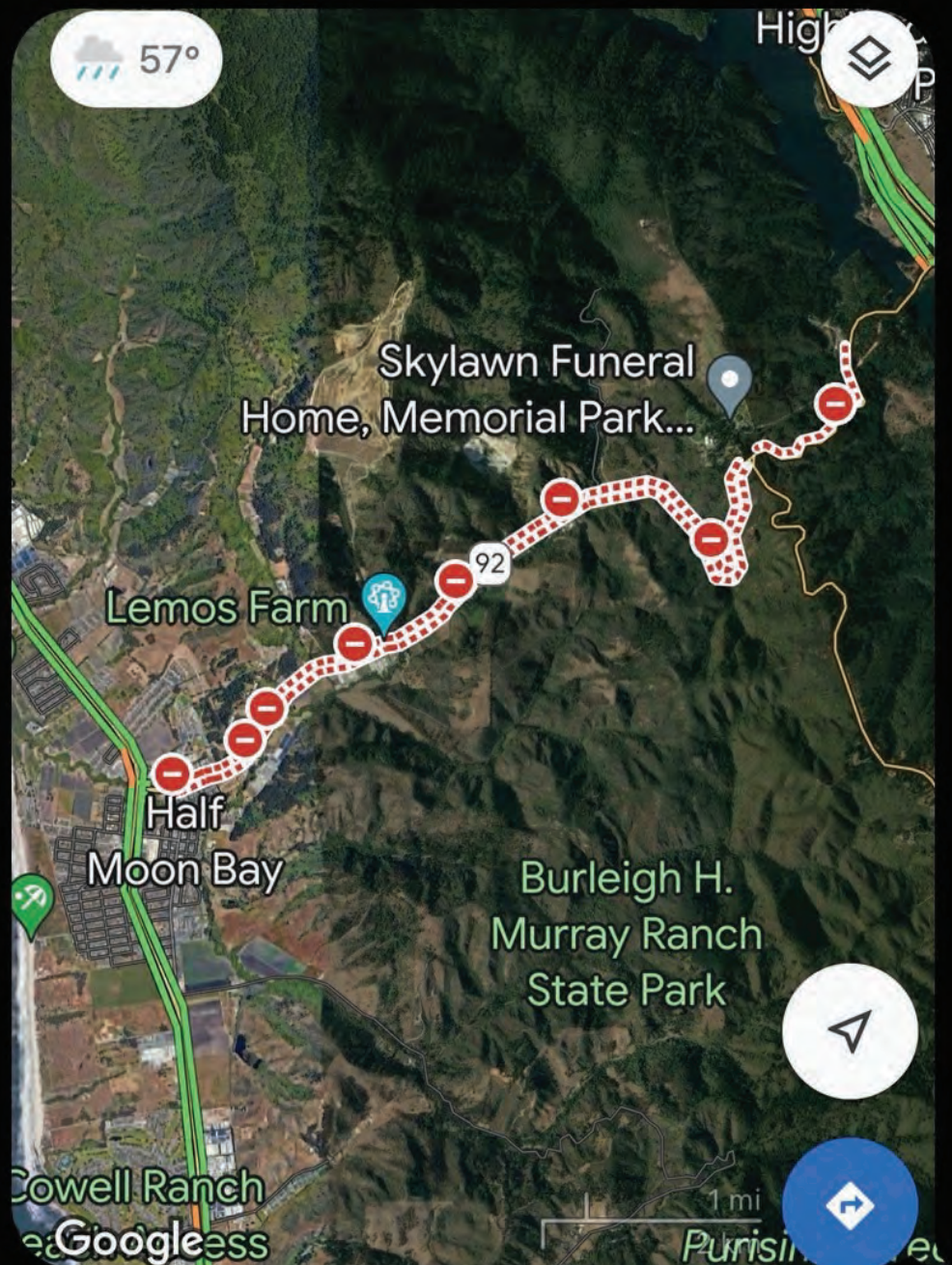


A section of Highway 92 in Half Moon Bay was shut down early Saturday due to flooding. The closure was from Skyline Blvd to Main Street, with no estimated time to reopen.



Ya I see that the highway is closed in both directions

M



**Jan. 1, 7 a.m.** With the New Year dawning clear and cold across most of the Bay Area, flood waters are finally receding, but a few arteries in the region are still closed. The biggest among them is a stretch of 580 between San Leandro and Hayward; it's been closed since about 7 a.m. Saturday, with CHP hoping to reopen it in a few hours.

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— A view of landslide on Highway 92 in San Mateo County. (Photo by Tayfun Coskun/Anadolu Agency via Getty Images)  
Anadolu Agency/Anadolu Agency via Getty Images

Niles Canyon Road is inaccessible between Fremont and Sunol. It was inundated Saturday and is still being pumped free of water. Highway 92 in the Crystal Springs Area is also closed due to earlier flooding leaving debris on the roadway.

**From:** [Youjin Kim](#)  
**To:** [Israel, Nat](#)  
**Cc:** [Kent, Kendra](#); [Mcdonnell, Kelly](#); [Daniel Oliver](#)  
**Subject:** New Assigned Engineer for Applications 31995, 32006 for Plant 2266 Browning-Ferris Industries of CA Inc  
**Date:** Monday, February 27, 2023 11:22:05 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)

---

Good Morning Nat,

Thank you for your email. This application was deemed complete on 02/09/2023.

My colleague, Daniel Oliver, will be the assigned engineer for this facility. He is tagged in this email. I saved our previous correspondences in the application folder for Daniel.

Best,

## Youjin Kim

Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600, San Francisco, CA 94105  
(415) 749-5136

---

**From:** Israel, Nat <Nat.Israel@tetrattech.com>  
**Sent:** Thursday, February 23, 2023 10:36 AM  
**To:** Youjin Kim <ykim@baaqmd.gov>  
**Cc:** Kent, Kendra <Kendra.Kent@tetrattech.com>; Mcdonnell, Kelly <KMcdonnell@republicservices.com>  
**Subject:** RE: Invoice and Incompleteness Letter for Applications 31995, 32006 for Plant 2266 Browning-Ferris Industries of CA Inc

Hi Youjin,

I am emailing you today to follow up on application number (AN) 31995 for the wellfield higher operating values (HOV) and AN 32006 for new source review (NSR) for Plant 2266, Browning-Ferris Industries of CA Inc. Could you please provide an update of the review status? Please let us know if you have any other questions or if we can do anything else.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

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7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | [tetrattech.com](http://tetrattech.com)

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---

**From:** Israel, Nat

**Sent:** Thursday, January 26, 2023 11:50 AM

**To:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>

**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Mcdonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>

**Subject:** RE: Invoice and Incompleteness Letter for Applications 31995, 32006 for Plant 2266 Browning-Ferris Industries of CA Inc

Hi Youjin,

Below are answers to your questions provided and a map of the HOV locations is attached. We did have a few questions regarding item 2. Please let us know if we can do anything else.

1. Ox Mountain understands that to be regulated under the NESHAP 40 CFR Part 63 Subpart AAAA non-reversible.
2. You have requested 3 years of data on the wells requested in the HOV application. In the past the BAAQMD has only requested 3 to 6 months of historical data to demonstrate the trends for an HOV request. Based on that experience, we provided 7 months of data for the wells in our HOV request. Additionally, several of the requested wells were installed in 2021 and do not have 3 years of data available. Please advise if the 7 months of data already provided will be sufficient or what the minimum regulatory requirement for data is since 3 years is not possible at this time for some of the wells.

Note: Wells OXEW1618, OXMEW205, OXMEW209 and OXPEW35 were included in this request to bring them in line with the NESHAP minimum temperature requirement of 145 degrees but they already have an approved HOV for 140 degrees. Will you need data for these as well?

3. Please see the attached.
4. BFIC will pay the invoices directly.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | [tetrattech.com](http://tetrattech.com)

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---

**From:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>

**Sent:** Wednesday, January 4, 2023 7:15 PM

**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>

**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>

**Subject:** Invoice and Incompleteness Letter for Applications 31995, 32006 for Plant 2266 Browning-Ferris Industries of CA Inc

Hi Nat,

You don't need to fill out the change of conditions form anymore. I was able to still create a separate NSR application (Application 32006).

It has been determined that the proposed HOV changes will actually be a significant revision, not minor mod (Application 31995).

The application states the facility is regulated under the NESHAPs. The Air District can approve alternate well parameters under the NESHAPs, if the facility agrees to be regulated under the NESHAPs with the acknowledgement that this decision is not revokable. The facility needs to confirm their understanding of this irrevocable decision for us to proceed.

Best,

**Youjin Kim**

Air Quality Engineer

Bay Area Air Quality Management District

375 Beale Street, Suite 600, San Francisco, CA 94105

(415) 749-5136

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>

**Sent:** Wednesday, December 21, 2022 10:31 AM

**To:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>

**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>

**Subject:** RE: Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

Hi Youjin,

I believe we included that form with the original submission. Please see the attached. If there is nothing else we will get you the revised Stationary Source form shortly.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | [tetrattech.com](http://tetrattech.com)

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---

**From:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>  
**Sent:** Tuesday, December 20, 2022 5:47 PM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Subject:** FW: Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

Good Afternoon,

The District can only review and approve Change of Conditions through NSR (New Source Review) program.

Please find Form P-101B here: <https://www.baaqmd.gov/forms/permits>

Please contact me if you have any questions.

Best,

**Youjin Kim**

Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600, San Francisco, CA 94105  
(415) 749-5136

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>

**Sent:** Tuesday, December 20, 2022 11:15 AM

**To:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>

**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>

**Subject:** RE: Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

You don't often get email from [nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com). [Learn why this is important](#)

Hi Youjin,

What do you mean when referring to a Change of Condition application? Is this referring to a form or to a completely separate application? It is our understanding that what we had previously submitted would suffice for a Change of Condition application. We understand the adjustment to the Stationary Source form to a minor permit modification and will provide a updated form. Please let me know if you have any questions.

Thanks,

**Nat Israel** | Compliance Specialist

Mobile +1 (530) 409-0225 |

[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

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---

**From:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>

**Sent:** Tuesday, December 20, 2022 11:11 AM

**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>

**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>

**Subject:** RE: Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

Hi Israel,

It might be better to write out your questions in an email, so that I can confirm the answers to your questions first before getting back to you.

Best,

# Youjin Kim

Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600, San Francisco, CA 94105  
(415) 749-5136

---

**From:** Israel, Nat <[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)>  
**Sent:** Tuesday, December 20, 2022 11:07 AM  
**To:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>  
**Cc:** Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>  
**Subject:** RE: Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

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Hi Youjin,

We have a few quick questions based on your request. I left a voicemail at the number you provided below. Are you available for a very brief call for clarification?

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)

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7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | [tetratech.com](http://tetratech.com)

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---

**From:** Youjin Kim <[ykim@baaqmd.gov](mailto:ykim@baaqmd.gov)>  
**Sent:** Thursday, December 15, 2022, 5:14 PM  
**To:** Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>  
**Subject:** Regarding Application 31995 for Plant 2266 Browning-Ferris Industries of CA Inc

You don't often get email from [ykim@baaqmd.gov](mailto:ykim@baaqmd.gov). [Learn why this is important](#)



Good Afternoon Kendra,

My name is Youjin, and I will be working on your project. Nice to meet you virtually.

The proposed project not qualify as an administrative amendment. The proposed changes need to be reviewed and approved under an NSR (New Source Review) application before any changes can be updated to the Title V permit.

Please submit a revised Stationary Source Summary form for a minor revision, as well as a Change of Condition application under NSR (New Source Review). Forms can be found here:

<https://www.baaqmd.gov/forms/permits>.

The application states the facility is regulated under the NESHAPs. The Air District can approve alternate well parameters under the NESHAPs, if the facility agrees to be regulated under the NESHAPs with the acknowledgement that this decision is not revokable. The facility needs to confirm their understanding of this irrevocable decision for us to proceed.

Once the forms and the NESHAP confirmation has been received, we will send an invoice for a Title V Minor Revision.

Please contact me if you have any questions.

Best,

**Youjin Kim**

Air Quality Engineer

Bay Area Air Quality Management District

375 Beale Street, Suite 600, San Francisco, CA 94105

(415) 749-5136

## Kent, Kendra

---

**From:** Kent, Kendra  
**Sent:** Monday, January 9, 2023 1:15 PM  
**To:** 'jgove@baaqmd.gov'; 'compliance@baaqmd.gov'  
**Cc:** 'Mcdonnell, Kelly'; bwade@republicservices.com; 'Armstrong, Travis'; Israel, Nat; Newbrough, Rob; Ayass, Sami; Newell, Alex; 'Romelle Guittap'  
**Subject:** Ox Mountain Landfill - Facility A2266 - Combined 30-day Breakdown Relief Follow-up and 10/30-day Title V Report for RCA Nos. 08P71 (breakdown) and 08P72 (excursion)  
**Attachments:** Ox Mountain\_A2266\_10-30 Day Title V and Breakdown Report for 12-31-2022 Event\_Final.pdf

Tracking:	Recipient	Delivery	Read
	'jgove@baaqmd.gov'		
	'compliance@baaqmd.gov'		
	'Mcdonnell, Kelly'		
	bwade@republicservices.com		
	'Armstrong, Travis'		
	Israel, Nat	Delivered: 1/9/2023 1:16 PM	
	Newbrough, Rob	Delivered: 1/9/2023 1:16 PM	
	Ayass, Sami	Delivered: 1/9/2023 1:16 PM	
	Newell, Alex	Delivered: 1/9/2023 1:16 PM	Read: 1/9/2023 4:00 PM
	'Romelle Guittap'		

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (Facility A2266), we are submitting the attached Combined 10/30-day Title V Report and 30-day Breakdown Follow-up Letter for Reportable Compliance Activity (RCA) Numbers 08P71 and 08P72. Should you have any question or require additional information, please contact Kelly McDonnell at (650) 713-3632 or via email at [KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com).

Thanks,  
Kendra

**Kendra Kent** | Senior Compliance Specialist  
Direct +1 (520) 526-7270 | Mobile +1 (520) 275-0189 | Fax +1 (520) 888-4804 | [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com)

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BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

See back of form for instructions →

1.  **BREAKDOWN RELIEF: District Use Only BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION District Use Only REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: District Use Only REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): District Use Only PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kendra Kent	Phone #	(520) 275-0189
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	10 hours 20 minutes (Total)
Start Time/Date	See Times Below (2 Events)	Clear Time	See Times Below (2 Events)
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
		<input checked="" type="checkbox"/> ▶ Other (describe) scfm	

**Event Description:** At approximately 5:47 PM on 1/14/2023, the A-7 Flare automatically shut down due to a flame failure alarm. The Ameresco Landfill Gas to Energy (LFGTE) facility shutdown shortly after at ~7:45 PM resulting in multiple downtime events over one hour. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. Unfortunately, the continued closure of Hwy 92, the main access to the landfill, forced technicians to detour around the area to gain access to the site from west, delaying the response time. Once the technician arrived onsite, they performed an inspection of flare facility and attempted to restart the A-7 Flare but was unable to due to high oxygen (O<sub>2</sub>). The technician attempted to find the leak, but due to the weather and low visibility in the dark, was not able to. The Ameresco LFGTE technician also responded to the shutdown of the LFGTE and diagnosed the issue of their shutdown as high O<sub>2</sub>. The technician was able to restart four engines from approximately 10:02 PM to 11:16 PM but the LFGTE facility was unable to maintain operation of the engines due to the persistent high O<sub>2</sub> and shut down again at 11:20 PM. Both the A-7 Flare and the LFGTE facility remained off-line overnight. Technicians returned in the morning (1/15/2023) and the A-7 flare was restarted at 7:23 AM after technicians were able to locate and repair the oxygen leak. Additional details regarding this event will be detailed in the 10-day Breakdown report. Note, during shutdowns of this nature, LFG flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

#### Downtimes Over One Hour:

Event 1: Start Time 1/14/2023 7:45 PM   End Time: 1/14/2023 10:02 PM   Event 2: Start Time 1/14/2023 11:20 PM   End Time: 1/15/2023 7:23 AM

### District Use Only

Received by

Date

Time

### General Instructions



# COMPLIANCE & ENFORCEMENT DIVISION

## Notification Form

Reportable  
Compliance  
Activity (RCA)

[See back of form for instructions](#) →

1.  **BREAKDOWN RELIEF: District Use Only BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION District Use Only REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: District Use Only REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): District Use Only PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kendra Kent	Phone #	(520) 275-0189
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	4 hours 59 minutes
Start Time/Date	1/16/2023 at 2:32 AM	Clear Time	1/16/2023 at 7:31 AM
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
		<input checked="" type="checkbox"/> ▶ Other (describe) scfm	

**Event Description:** At approximately 8:21 PM on 1/15/2023, the A-7 Flare automatically shut down due to a flame failure alarm. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. The continued closure of Hwy 92, the main access to the landfill, delayed the response time of the technician. Once the technician arrived on site, they performed an inspection of flare facility and attempted to restart the A-7 Flare but were unable to stabilize it. The flare remained off-line and the technician left site at 11:45 PM with the Ameresco Landfill Gas to Energy (LFGTE) facility still operational. The Ameresco LFGTE facility shut down shortly after at 2:32 AM on 1/16/2023 resulting in a GCCS downtime event over one hour. Both the A-7 Flare and the LFGTE facility remained off-line overnight. Technicians returned early the morning (1/16/2023) and the A-7 flare was restarted at 7:31 AM after technicians were able to locate and repair a flex hose that was causing an oxygen leak. Additional details regarding this event will be detailed in the 10-day Breakdown report. Note, during shutdowns of this nature, LFG flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

### District Use Only

Received by

Date

Time

### General Instructions



Browning-Ferris Industries of California, Inc. - Ox Mountain Landfill  
12310 San Mateo Road, Half Moon Bay, CA 94019 o 650.726.1819 o  
republicservices.com

January 24, 2023

Mr. Jeffrey Gove  
Director of Compliance and Enforcement  
Bay Area Air Quality Management District  
Attn: Title V Reports  
375 Beale Street, Suite 600  
San Francisco, CA 94105

**Transmitted via E-mail**

Re: Combined 10/30-day Title V Report and 30-day Breakdown Follow-up Letter  
Reportable Compliance Activity IDs 08Q04 (breakdown) and 08Q05 (excursion)  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of the Ox Mountain Landfill (Ox Mountain) (Facility Number A2266), submits this Combined 10/30-Day Title V Report and 30-Day Breakdown Follow-Up Letter for the Breakdown Relief Request submitted to the Bay Area Air Quality Management District (BAAQMD) per the requirements of BAAQMD Compliance and Enforcement Breakdown Guidelines. This letter also satisfies the 10 and 30-day Title V Report requirements and Title V Permit Condition Section I.F (Monitoring Reports). Pursuant to Title V Permit Condition Number 818 Part 3(a), the gas collection and control system (GCCS) shall remain in continuous operation. On January 14, 2023, the GCCS shutdown for more than one hour on two separate occasions, requiring a breakdown notification. On January 15, 2023, a Reportable Compliance Activity (RCA) notification was submitted to the BAAQMD requesting breakdown relief and to report a parametric excursion for the GCCS downtime events. RCA Notification IDs 08Q04 (breakdown) and 08Q05 (excursion) have been assigned to the initial event. BFIC respectfully requests that the BAAQMD grant breakdown relief for these events.

### **Background**

On January 14, 2023, the GCCS shutdown when the Ameresco Landfill Gas to Energy (LFGTE) facility unexpectedly shutdown shortly after 7:45 PM. The A-7 Flare had shutdown earlier, at approximately 5:47 PM, due to a flame failure alarm. Due to inclement weather and continued travel issues related to road closures and the storm, Tetra Tech (TT) and Ameresco technicians were not dispatched immediately as the GCCS was operational. Site technicians were dispatched to Ox Mountain immediately following the Ameresco LFGTE Facility and GCCS shutdown. As the BAAQMD is aware, the continued closure of Hwy 92 required the on-call technician to detour around the area to gain access to the site from west, delaying the overall response time by approximately one hour. Once the TT technician arrived onsite at 9:05 PM, and an inspection of flare facility was performed, an attempt was made to restart the A-7 Flare but due to the high oxygen (O<sub>2</sub>) content of the landfill gas (LFG) the flare remained offline. The TT technician was able to use a portable GEM5000 (gas analyzer) to sample the gas quality at various sampling ports and traced an oxygen leak to its source. This type of sampling is done for diagnostic purposes only and readings associated with this type of troubleshooting are not saved. The TT technician was able to identify the

location of the leak around 10:20 PM, but due to the weather, low visibility in the dark, and location of the leak, was not able to make any repairs safely.

The Ameresco LFGTE facility technician also responded to the shutdown of the LFGTE facility and diagnosed the issue of their shutdown as high O<sub>2</sub>. The technician was able to restart four engines from approximately 10:02 PM to 11:16 PM but the LFGTE facility was unable to maintain operation of the engines and shut down again at 11:20 PM. Both the A-7 Flare and the LFGTE facility remained off-line overnight. Technicians returned in the morning on January 15, 2023, and the A-7 flare was restarted at 7:23 AM after technicians were able to repair the oxygen leak. Note, during shutdowns of this nature, LFG flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

### **Corrective Actions**

This event took place after operating hours; therefore, no onsite personnel for Ox Mountain or Ameresco were present at the time of shutdown to inspect and restart the control devices. Ox Mountain has on-call personnel from TT and Ameresco has their own personnel to respond to GCCS shutdown events afterhours for emergencies 24 hours a day, 7 days per week. Response time for TT technicians and Ameresco personnel is typically within 30-45 minutes, but this can vary depending on the time of day as well as traffic and weather conditions. Due to the recent severe weather Highway 92 remained closed due to a sinkhole, requiring technicians again to detour and access the highway from the West. Attachment D shows notifications of the closures.

TT technicians returned to Ox Mountain at 6:00 AM the next day, January 15, 2023, and inspected the GCCS, blower flare station components and flares for damage in accordance with their inspection and pre-startup procedures. They discovered that a flex hose had disconnected near the white tank (condensate collection tank). They realigned the pipe and reconnected the flex hose. TT technicians inspected the white tank and audible liquid could be heard inside. It was discovered that the valve exiting the white tank had been closed by Ox Mountain personnel to prevent the leachate tanks down stream from overflowing. The recent atmospheric rivers in the Bay Area have resulted in a lot of excess water onsite. The excess water and pressure build up in the condensate tank caused the flex hose to be dislodged which introduced O<sub>2</sub> into the GCCS. The technicians opened the valve to drain the white tank and once the tank level had lowered significantly, they were able to restart the A-7 Flare at 7:23 AM.

Under normal circumstances the GCCS operates 24 hours per day. However, due to the persistent oxygen infiltration both the A-7 flare and the Ameresco LFGTE facility were unable to remain operational and were left offline overnight until technicians could return to the site on January 15, 2023, and safely conduct repairs. During this period of downtime, applicable inspection and maintenance (I&M) measures were taken pursuant to BAAQMD Regulation 8, Rule 34, Section 113 (8-34-113), which allows for up to 240 hours of GCCS downtime in any calendar year for I&M of the GCCS.

Excess emissions did not occur during this event. The control devices at Ox Mountain have automated features that isolate the GCCS. This prevents emissions from the GCCS when the control devices are not in operation. At the time of this submittal, the GCCS is operating within normal parameters. BFIC respectfully requests that the BAAQMD grant breakdown relief for this event as the shutdown was out of their control.

## Conclusion

The RCA Notification was submitted on January 15, 2023 per BAAQMD Regulation 1 Section 112 and the related excursion event per verbal guidance from a previous BAAMQD inspector, and out of an abundance of caution.

Although a request for breakdown relief was submitted per BAAQMD guidelines, BFIC does not believe that a parametric excursion occurred when the flares were offline, because there was no excursion from operating limits and no missing operating data. As BFIC has stated in past letters, they believe BAAQMD's Rule 1-523.3 only requires the reporting of parametric monitoring excursions when the monitoring equipment shows an exceedance of a permit condition when the flare(s) is/are operating, not when it is shut down, as no parametric monitoring data is being collected when the flare(s) is/are shut down

With the submittal of this combined notification, BFIC has completed all reporting requirements for the event within the required timeframes. BFIC is committed to operating its systems in compliance with all applicable regulations and will continue to ensure future compliance.

If you have any questions or require additional information, please do not hesitate to contact myself at (650)713-3632 or by email at [KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com) or Kendra Kent at (520) 526-7270 or by email at [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com).

Sincerely,

*Kelly McDonnell*

Kelly McDonnell  
Environmental Manager  
Ox Mountain Landfill

Attachment:   A – RCA Form IDs 08Q04 (breakdown) and 08Q05 (excursion)  
                  B – A-7 Flare Data – January 13, 2023 through January 17, 2023  
                  C – Weekly Flare Inspection Form from January 12, 2023  
                  D – Highway 92 Closure Notifications

cc:           Travis Armstrong, BFIC  
              Ben Wade, BFIC  
              Kendra Kent, Tetra Tech  
              Romelle Guittap, BAAQMD



Attachment A  
RCA Form IDs 08Q04 (breakdown) and 08Q05 (excursion)



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

See back of form for instructions →

1.  **BREAKDOWN RELIEF: District Use Only BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION District Use Only REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: District Use Only REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): District Use Only PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kendra Kent	Phone #	(520) 275-0189
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	10 hours 20 minutes (Total)
Start Time/Date	See Times Below (2 Events)	Clear Time	See Times Below (2 Events)
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
		<input checked="" type="checkbox"/> ▶ Other (describe) scfm	

**Event Description:** At approximately 5:47 PM on 1/14/2023, the A-7 Flare automatically shut down due to a flame failure alarm. The Ameresco Landfill Gas to Energy (LFGTE) facility shutdown shortly after at ~7:45 PM resulting in multiple downtime events over one hour. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. Unfortunately, the continued closure of Hwy 92, the main access to the landfill, forced technicians to detour around the area to gain access to the site from west, delaying the response time. Once the technician arrived onsite, they performed an inspection of flare facility and attempted to restart the A-7 Flare but was unable to due to high oxygen (O<sub>2</sub>). The technician attempted to find the leak, but due to the weather and low visibility in the dark, was not able to. The Ameresco LFGTE technician also responded to the shutdown of the LFGTE and diagnosed the issue of their shutdown as high O<sub>2</sub>. The technician was able to restart four engines from approximately 10:02 PM to 11:16 PM but the LFGTE facility was unable to maintain operation of the engines due to the persistent high O<sub>2</sub> and shut down again at 11:20 PM. Both the A-7 Flare and the LFGTE facility remained off-line overnight. Technicians returned in the morning (1/15/2023) and the A-7 flare was restarted at 7:23 AM after technicians were able to locate and repair the oxygen leak. Additional details regarding this event will be detailed in the 10-day Breakdown report. Note, during shutdowns of this nature, LFG flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

#### Downtimes Over One Hour:

Event 1: Start Time 1/14/2023 7:45 PM   End Time: 1/14/2023 10:02 PM   Event 2: Start Time 1/14/2023 11:20 PM   End Time: 1/15/2023 7:23 AM

### District Use Only

Received by

Date

Time

### General Instructions

Attachment B

A-7 Flare Data – January 13, 2023 through January 17, 2023

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	00:00:00		0.000	1464	1491	1520	1550	
2023/01/13	00:02:00		0.000	1462	1495	1525	1573	
2023/01/13	00:04:00		0.000	1439	1486	1485	1583	
2023/01/13	00:06:00		0.000	1424	1472	1471	1486	
2023/01/13	00:08:00		0.000	1438	1458	1486	1538	
2023/01/13	00:10:00		0.000	1438	1468	1538	1563	
2023/01/13	00:12:00		0.000	1451	1473	1549	1561	
2023/01/13	00:14:00		0.000	1457	1486	1539	1566	
2023/01/13	00:16:00		0.000	1466	1488	1538	1569	
2023/01/13	00:18:00		0.000	1463	1489	1528	1565	
2023/01/13	00:20:00		0.000	1445	1489	1515	1528	
2023/01/13	00:22:00		0.000	1436	1475	1504	1527	
2023/01/13	00:24:00		0.000	1420	1457	1510	1527	
2023/01/13	00:26:00		0.000	1423	1462	1526	1561	
2023/01/13	00:28:00		0.000	1434	1462	1526	1544	
2023/01/13	00:30:00		0.000	1440	1464	1537	1546	
2023/01/13	00:32:00		0.000	1439	1471	1545	1586	
2023/01/13	00:34:00		0.000	1442	1479	1563	1578	
2023/01/13	00:36:00		0.000	1431	1479	1549	1564	
2023/01/13	00:38:00		0.000	1456	1477	1548	1566	
2023/01/13	00:40:00		0.000	1450	1480	1550	1586	
2023/01/13	00:42:00		0.000	1452	1488	1467	1550	
2023/01/13	00:44:00		0.000	1450	1486	1466	1512	
2023/01/13	00:46:00		0.000	1454	1482	1502	1564	
2023/01/13	00:48:00		0.000	1457	1483	1550	1566	
2023/01/13	00:50:00		0.000	1455	1484	1535	1566	
2023/01/13	00:52:00		0.000	1448	1484	1526	1565	
2023/01/13	00:54:00		0.000	1452	1483	1539	1566	
2023/01/13	00:56:00		0.000	1456	1480	1528	1551	
2023/01/13	00:58:00		0.000	1452	1480	1539	1551	
2023/01/13	01:00:00		0.000	1444	1480	1538	1551	
2023/01/13	01:02:00		0.000	1448	1476	1499	1551	
2023/01/13	01:04:00		0.000	1452	1483	1510	1538	
2023/01/13	01:06:00		0.000	1456	1480	1538	1553	
2023/01/13	01:08:00		0.000	1445	1487	1525	1561	
2023/01/13	01:10:00		0.000	1450	1476	1526	1552	
2023/01/13	01:12:00		0.000	1448	1477	1533	1553	
2023/01/13	01:14:00		0.000	1437	1473	1533	1545	
2023/01/13	01:16:00		0.000	1444	1472	1528	1539	
2023/01/13	01:18:00		0.000	1440	1472	1529	1554	
2023/01/13	01:20:00		0.000	1439	1474	1545	1556	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	01:22:00		0.000	1439	1475	1530		1547
2023/01/13	01:24:00		0.000	1441	1471	1525		1554
2023/01/13	01:26:00		0.000	1441	1472	1554		1582
2023/01/13	01:28:00		0.000	1437	1464	1557		1572
2023/01/13	01:30:00		0.000	1441	1465	1528		1557
2023/01/13	01:32:00		0.000	1439	1464	1526		1550
2023/01/13	01:34:00		0.000	1431	1462	1531		1547
2023/01/13	01:36:00		0.000	1437	1472	1536		1544
2023/01/13	01:38:00		0.000	1428	1460	1525		1543
2023/01/13	01:40:00		0.000	1439	1468	1524		1539
2023/01/13	01:42:00		0.000	1435	1468	1518		1539
2023/01/13	01:44:00		0.000	1437	1469	1537		1560
2023/01/13	01:46:00		0.000	1433	1465	1534		1559
2023/01/13	01:48:00		0.000	1436	1458	1550		1583
2023/01/13	01:50:00		0.000	1435	1462	1518		1550
2023/01/13	01:52:00		0.000	1435	1465	1528		1535
2023/01/13	01:54:00		0.000	1428	1457	1527		1545
2023/01/13	01:56:00		0.000	1426	1457	1518		1543
2023/01/13	01:58:00		0.000	1428	1459	1541		1558
2023/01/13	02:00:00		0.000	1428	1462	1549		1576
2023/01/13	02:02:00		0.000	1439	1464	1550		1576
2023/01/13	02:04:00		0.000	1431	1466	1541		1555
2023/01/13	02:06:00		0.000	1442	1468	1533		1556
2023/01/13	02:08:00		0.000	1431	1472	1540		1557
2023/01/13	02:10:00		0.000	1437	1468	1532		1544
2023/01/13	02:12:00		0.000	1438	1474	1517		1533
2023/01/13	02:14:00		0.000	1437	1468	1518		1542
2023/01/13	02:16:00		0.000	1446	1472	1525		1561
2023/01/13	02:18:00		0.000	1436	1469	1549		1568
2023/01/13	02:20:00		0.000	1450	1473	1555		1565
2023/01/13	02:22:00		0.000	1441	1475	1539		1570
2023/01/13	02:24:00		0.000	1449	1477	1556		1569
2023/01/13	02:26:00		0.000	1442	1464	1517		1561
2023/01/13	02:28:00		0.000	1437	1461	1492		1517
2023/01/13	02:30:00		0.000	1429	1456	1506		1537
2023/01/13	02:32:00		0.000	1426	1450	1493		1534
2023/01/13	02:34:00		0.000	1411	1445	1526		1541
2023/01/13	02:36:00		0.000	1407	1445	1520		1560
2023/01/13	02:38:00		0.000	1410	1447	1560		1568
2023/01/13	02:40:00		0.000	1412	1453	1561		1574
2023/01/13	02:42:00		0.000	1424	1455	1542		1572

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	02:44:00		0.000	1419	1455	1538		1550
2023/01/13	02:46:00		0.000	1428	1457	1523		1555
2023/01/13	02:48:00		0.000	1427	1465	1504		1525
2023/01/13	02:50:00		0.000	1427	1457	1512		1537
2023/01/13	02:52:00		0.000	1437	1464	1519		1545
2023/01/13	02:54:00		0.000	1437	1463	1542		1566
2023/01/13	02:56:00		0.000	1434	1470	1557		1571
2023/01/13	02:58:00		0.000	1442	1475	1555		1573
2023/01/13	03:00:00		0.000	1445	1468	1545		1564
2023/01/13	03:02:00		0.000	1446	1479	1525		1545
2023/01/13	03:04:00		0.000	1442	1477	1523		1527
2023/01/13	03:06:00		0.000	1448	1475	1515		1528
2023/01/13	03:08:00		0.000	1445	1472	1514		1539
2023/01/13	03:10:00		0.000	1444	1472	1525		1556
2023/01/13	03:12:00		0.000	1437	1468	1541		1568
2023/01/13	03:14:00		0.000	1445	1474	1545		1566
2023/01/13	03:16:00		0.000	1436	1468	1525		1569
2023/01/13	03:18:00		0.000	1439	1468	1520		1529
2023/01/13	03:20:00		0.000	1431	1465	1527		1559
2023/01/13	03:22:00		0.000	1439	1468	1543		1558
2023/01/13	03:24:00		0.000	1439	1465	1530		1554
2023/01/13	03:26:00		0.000	1428	1463	1516		1531
2023/01/13	03:28:00		0.000	1434	1457	1530		1552
2023/01/13	03:30:00		0.000	1431	1460	1535		1545
2023/01/13	03:32:00		0.000	1426	1463	1518		1536
2023/01/13	03:34:00		0.000	1435	1463	1518		1563
2023/01/13	03:36:00		0.000	1435	1468	1563		1589
2023/01/13	03:38:00		0.000	1431	1462	1547		1570
2023/01/13	03:40:00		0.000	1424	1460	1541		1560
2023/01/13	03:42:00		0.000	1433	1462	1531		1545
2023/01/13	03:44:00		0.000	1423	1457	1502		1531
2023/01/13	03:46:00		0.000	1430	1461	1512		1526
2023/01/13	03:48:00		0.000	1428	1463	1525		1561
2023/01/13	03:50:00		0.000	1428	1457	1531		1568
2023/01/13	03:52:00		0.000	1426	1462	1531		1569
2023/01/13	03:54:00		0.000	1417	1462	1541		1569
2023/01/13	03:56:00		0.000	1422	1453	1528		1556
2023/01/13	03:58:00		0.000	1419	1455	1518		1544
2023/01/13	04:00:00		0.000	1427	1457	1537		1550
2023/01/13	04:02:00		0.000	1419	1457	1539		1547
2023/01/13	04:04:00		0.000	1407	1448	1515		1550

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/13	04:06:00		0.000	1409	1446	1518	1533
2023/01/13	04:08:00		0.000	1416	1445	1518	1554
2023/01/13	04:10:00		0.000	1415	1444	1547	1567
2023/01/13	04:12:00		0.000	1418	1449	1515	1547
2023/01/13	04:14:00		0.000	1416	1446	1515	1533
2023/01/13	04:16:00		0.000	1428	1462	1524	1571
2023/01/13	04:18:00		0.000	1441	1473	1549	1571
2023/01/13	04:20:00		0.000	1448	1479	1558	1582
2023/01/13	04:22:00		0.000	1446	1479	1558	1577
2023/01/13	04:24:00		0.000	1435	1471	1504	1558
2023/01/13	04:26:00		0.000	1428	1461	1500	1522
2023/01/13	04:28:00		0.000	1424	1457	1520	1547
2023/01/13	04:30:00		0.000	1425	1451	1508	1532
2023/01/13	04:32:00		0.000	1417	1450	1527	1545
2023/01/13	04:34:00		0.000	1412	1445	1523	1553
2023/01/13	04:36:00		0.000	1415	1450	1547	1559
2023/01/13	04:38:00		0.000	1423	1460	1553	1565
2023/01/13	04:40:00		0.000	1436	1468	1553	1574
2023/01/13	04:42:00		0.000	1445	1472	1547	1574
2023/01/13	04:44:00		0.000	1445	1474	1543	1559
2023/01/13	04:46:00		0.000	1436	1464	1530	1544
2023/01/13	04:48:00		0.000	1428	1457	1523	1543
2023/01/13	04:50:00		0.000	1414	1453	1512	1536
2023/01/13	04:52:00		0.000	1411	1451	1506	1533
2023/01/13	04:54:00		0.000	1415	1445	1517	1541
2023/01/13	04:56:00		0.000	1406	1442	1526	1551
2023/01/13	04:58:00		0.000	1406	1441	1517	1549
2023/01/13	05:00:00		0.000	1416	1446	1546	1558
2023/01/13	05:02:00		0.000	1417	1453	1553	1572
2023/01/13	05:04:00		0.000	1431	1463	1564	1589
2023/01/13	05:06:00		0.000	1433	1468	1540	1580
2023/01/13	05:08:00		0.000	1431	1465	1527	1560
2023/01/13	05:10:00		0.000	1424	1457	1529	1536
2023/01/13	05:12:00		0.000	1425	1458	1525	1531
2023/01/13	05:14:00		0.000	1409	1451	1520	1530
2023/01/13	05:16:00		0.000	1409	1447	1516	1534
2023/01/13	05:18:00		0.000	1406	1442	1529	1547
2023/01/13	05:20:00		0.000	1409	1440	1539	1557
2023/01/13	05:22:00		0.000	1413	1446	1543	1551
2023/01/13	05:24:00		0.000	1419	1451	1545	1553
2023/01/13	05:26:00		0.000	1424	1455	1551	1579

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		MIN	MAX
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	05:28:00		0.000	1433	1467	1562	1580	
2023/01/13	05:30:00		0.000	1436	1465	1537	1562	
2023/01/13	05:32:00		0.000	1422	1460	1528	1553	
2023/01/13	05:34:00		0.000	1421	1451	1507	1528	
2023/01/13	05:36:00		0.000	1417	1448	1502	1525	
2023/01/13	05:38:00		0.000	1415	1439	1523	1550	
2023/01/13	05:40:00		0.000	1402	1445	1544	1554	
2023/01/13	05:42:00		0.000	1412	1440	1545	1553	
2023/01/13	05:44:00		0.000	1400	1433	1534	1545	
2023/01/13	05:46:00		0.000	1402	1442	1537	1555	
2023/01/13	05:48:00		0.000	1409	1441	1545	1561	
2023/01/13	05:50:00		0.000	1406	1444	1528	1545	
2023/01/13	05:52:00		0.000	1406	1443	1523	1547	
2023/01/13	05:54:00		0.000	1414	1448	1522	1550	
2023/01/13	05:56:00		0.000	1413	1446	1511	1543	
2023/01/13	05:58:00		0.000	1417	1451	1531	1581	
2023/01/13	06:00:00		0.000	1425	1453	1563	1582	
2023/01/13	06:02:00		0.000	1417	1458	1533	1567	
2023/01/13	06:04:00		0.000	1419	1453	1533	1550	
2023/01/13	06:06:00		0.000	1417	1453	1527	1551	
2023/01/13	06:08:00		0.000	1426	1453	1525	1546	
2023/01/13	06:10:00		0.000	1415	1446	1494	1526	
2023/01/13	06:12:00		0.000	1411	1443	1526	1546	
2023/01/13	06:14:00		0.000	1406	1435	1537	1556	
2023/01/13	06:16:00		0.000	1395	1428	1534	1556	
2023/01/13	06:18:00		0.000	1387	1425	1510	1537	
2023/01/13	06:20:00		0.000	1400	1433	1521	1553	
2023/01/13	06:22:00		0.000	1400	1441	1553	1573	
2023/01/13	06:24:00		0.000	1411	1442	1553	1574	
2023/01/13	06:26:00		0.000	1417	1450	1547	1567	
2023/01/13	06:28:00		0.000	1415	1451	1549	1566	
2023/01/13	06:30:00		0.000	1419	1451	1522	1561	
2023/01/13	06:32:00		0.000	1413	1451	1502	1522	
2023/01/13	06:34:00		0.000	1417	1451	1520	1534	
2023/01/13	06:36:00		0.000	1417	1445	1524	1547	
2023/01/13	06:38:00		0.000	1417	1439	1541	1558	
2023/01/13	06:40:00		0.000	1407	1437	1547	1561	
2023/01/13	06:42:00		0.000	1409	1445	1545	1566	
2023/01/13	06:44:00		0.000	1406	1439	1512	1546	
2023/01/13	06:46:00		0.000	1406	1439	1522	1551	
2023/01/13	06:48:00		0.000	1404	1435	1531	1556	



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	06:50:00		0.000	1406	1435	1533		1554
2023/01/13	06:52:00		0.000	1406	1437	1544		1556
2023/01/13	06:54:00		0.000	1396	1435	1525		1549
2023/01/13	06:56:00		0.000	1392	1431	1520		1532
2023/01/13	06:58:00		0.000	1399	1435	1519		1553
2023/01/13	07:00:00		0.000	1394	1435	1515		1543
2023/01/13	07:02:00		0.000	1404	1431	1520		1537
2023/01/13	07:04:00		0.000	1398	1431	1537		1550
2023/01/13	07:06:00		0.000	1383	1427	1550		1558
2023/01/13	07:08:00		0.000	1388	1426	1533		1550
2023/01/13	07:10:00		0.000	1392	1417	1520		1547
2023/01/13	07:12:00		0.000	1394	1428	1520		1559
2023/01/13	07:14:00		0.000	1390	1424	1541		1560
2023/01/13	07:16:00		0.000	1387	1425	1522		1541
2023/01/13	07:18:00		0.000	1383	1423	1524		1539
2023/01/13	07:20:00		0.000	1386	1417	1520		1541
2023/01/13	07:22:00		0.000	1382	1419	1537		1545
2023/01/13	07:24:00		0.000	1372	1409	1543		1553
2023/01/13	07:26:00		0.000	1375	1417	1548		1551
2023/01/13	07:28:00		0.000	1363	1408	1545		1550
2023/01/13	07:30:00		0.000	1373	1414	1536		1549
2023/01/13	07:32:00		0.000	1376	1414	1547		1566
2023/01/13	07:34:00		0.000	1373	1411	1525		1554
2023/01/13	07:36:00		0.000	1368	1408	1531		1553
2023/01/13	07:38:00		0.000	1355	1406	1547		1558
2023/01/13	07:40:00		0.000	1372	1406	1541		1551
2023/01/13	07:42:00		0.000	1370	1409	1529		1547
2023/01/13	07:44:00		0.000	1368	1399	1539		1549
2023/01/13	07:46:00		0.000	1363	1400	1537		1550
2023/01/13	07:48:00		0.000	1372	1407	1531		1546
2023/01/13	07:50:00		0.000	1361	1404	1532		1551
2023/01/13	07:52:00		0.000	1358	1396	1497		1533
2023/01/13	07:54:00		0.000	1361	1400	1510		1562
2023/01/13	07:56:00		0.000	1365	1398	1537		1563
2023/01/13	07:58:00		0.000	1357	1397	1532		1550
2023/01/13	08:00:00		0.000	1357	1390	1549		1553
2023/01/13	08:02:00		0.000	1362	1406	1541		1552
2023/01/13	08:04:00		0.000	1358	1406	1541		1558
2023/01/13	08:06:00		0.000	1369	1407	1555		1569
2023/01/13	08:08:00		0.000	1380	1408	1527		1569
2023/01/13	08:10:00		0.000	1387	1419	1548		1558

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	08:12:00		0.000	1376	1411	1528		1553
2023/01/13	08:14:00		0.000	1355	1395	1504		1530
2023/01/13	08:16:00		0.000	1359	1391	1506		1530
2023/01/13	08:18:00		0.000	1357	1392	1527		1538
2023/01/13	08:20:00		0.000	1336	1393	1524		1548
2023/01/13	08:22:00		0.000	1339	1398	1548		1558
2023/01/13	08:24:00		0.000	1354	1398	1558		1572
2023/01/13	08:26:00		0.000	1363	1402	1560		1573
2023/01/13	08:28:00		0.000	1371	1406	1547		1562
2023/01/13	08:30:00		0.000	1370	1407	1543		1561
2023/01/13	08:32:00		0.000	1366	1404	1539		1547
2023/01/13	08:34:00		0.000	1376	1411	1526		1540
2023/01/13	08:36:00		0.000	1376	1408	1527		1539
2023/01/13	08:38:00		0.000	1369	1406	1537		1545
2023/01/13	08:40:00		0.000	1374	1408	1534		1551
2023/01/13	08:42:00		0.000	1368	1406	1544		1560
2023/01/13	08:44:00		0.000	1358	1398	1522		1553
2023/01/13	08:46:00		0.000	1325	1380	1508		1530
2023/01/13	08:48:00		0.000	1349	1380	1505		1516
2023/01/13	08:50:00		0.000	1354	1392	1516		1539
2023/01/13	08:52:00		0.000	1372	1403	1539		1563
2023/01/13	08:54:00		0.000	1372	1417	1557		1574
2023/01/13	08:56:00		0.000	1383	1413	1573		1595
2023/01/13	08:58:00		0.000	1376	1416	1536		1578
2023/01/13	09:00:00		0.000	1368	1407	1531		1548
2023/01/13	09:02:00		0.000	1354	1394	1514		1531
2023/01/13	09:04:00		0.000	1349	1380	1502		1514
2023/01/13	09:06:00		0.000	1329	1372	1505		1523
2023/01/13	09:08:00		0.000	1333	1385	1523		1542
2023/01/13	09:10:00		0.000	1335	1383	1539		1561
2023/01/13	09:12:00		0.000	1358	1390	1560		1578
2023/01/13	09:14:00		0.000	1360	1393	1562		1569
2023/01/13	09:16:00		0.000	1363	1396	1553		1571
2023/01/13	09:18:00		0.000	1368	1395	1551		1564
2023/01/13	09:20:00		0.000	1357	1397	1524		1551
2023/01/13	09:22:00		0.000	1372	1400	1520		1549
2023/01/13	09:24:00		0.000	1385	1415	1539		1549
2023/01/13	09:26:00		0.000	1376	1407	1541		1561
2023/01/13	09:28:00		0.000	1378	1406	1551		1568
2023/01/13	09:30:00		0.000	1372	1416	1549		1566
2023/01/13	09:32:00		0.000	1358	1409	1508		1549

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	09:34:00		0.000	1354	1395	1487		1508
2023/01/13	09:36:00		0.000	1355	1395	1500		1529
2023/01/13	09:38:00		0.000	1339	1388	1495		1532
2023/01/13	09:40:00		0.000	1340	1378	1490		1550
2023/01/13	09:42:00		0.000	1339	1375	1539		1556
2023/01/13	09:44:00		0.000	1338	1378	1532		1553
2023/01/13	09:46:00		0.000	1343	1383	1527		1552
2023/01/13	09:48:00		0.000	1341	1383	1552		1568
2023/01/13	09:50:00		0.000	1350	1383	1520		1560
2023/01/13	09:52:00		0.000	1352	1390	1534		1559
2023/01/13	09:54:00		0.000	1360	1400	1549		1557
2023/01/13	09:56:00		0.000	1356	1394	1549		1570
2023/01/13	09:58:00		0.000	1347	1402	1549		1568
2023/01/13	10:00:00		0.000	1364	1396	1535		1556
2023/01/13	10:02:00		0.000	1372	1405	1532		1549
2023/01/13	10:04:00		0.000	1369	1404	1545		1572
2023/01/13	10:06:00		0.000	1377	1408	1549		1570
2023/01/13	10:08:00		0.000	1372	1407	1538		1558
2023/01/13	10:10:00		0.000	1381	1443	1538		1581
2023/01/13	10:12:00		0.000	1363	1425	1510		1582
2023/01/13	10:14:00		0.000	1354	1402	1494		1510
2023/01/13	10:16:00		0.000	1360	1392	1489		1504
2023/01/13	10:18:00		0.000	1351	1390	1496		1532
2023/01/13	10:20:00		0.000	1352	1398	1526		1556
2023/01/13	10:22:00		0.000	1360	1410	1556		1571
2023/01/13	10:24:00		0.000	1378	1419	1571		1588
2023/01/13	10:26:00		0.000	1388	1422	1561		1583
2023/01/13	10:28:00		0.000	1388	1417	1539		1561
2023/01/13	10:30:00		0.000	1384	1415	1514		1555
2023/01/13	10:32:00		0.000	1372	1419	1504		1526
2023/01/13	10:34:00		0.000	1370	1404	1511		1531
2023/01/13	10:36:00		0.000	1372	1406	1503		1532
2023/01/13	10:38:00		0.000	1361	1406	1528		1555
2023/01/13	10:40:00		0.000	1366	1402	1537		1555
2023/01/13	10:42:00		0.000	1380	1421	1534		1556
2023/01/13	10:44:00		0.000	1394	1430	1546		1578
2023/01/13	10:46:00		0.000	1400	1435	1563		1591
2023/01/13	10:48:00		0.000	1399	1431	1527		1575
2023/01/13	10:50:00		0.000	1383	1424	1485		1527
2023/01/13	10:52:00		0.000	1380	1426	1504		1549
2023/01/13	10:54:00		0.000	1379	1416	1528		1549

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/13	10:56:00		0.000	1376	1409	1514	1535
2023/01/13	10:58:00		0.000	1365	1405	1534	1551
2023/01/13	11:00:00		0.000	1365	1400	1506	1539
2023/01/13	11:02:00		0.000	1365	1411	1517	1543
2023/01/13	11:04:00		0.000	1382	1416	1538	1579
2023/01/13	11:06:00		0.000	1392	1418	1572	1592
2023/01/13	11:08:00		0.000	1396	1432	1539	1587
2023/01/13	11:10:00		0.000	1402	1436	1526	1566
2023/01/13	11:12:00		0.000	1405	1439	1526	1541
2023/01/13	11:14:00		0.000	1392	1429	1537	1547
2023/01/13	11:16:00		0.000	1392	1428	1525	1545
2023/01/13	11:18:00		0.000	1378	1417	1516	1542
2023/01/13	11:20:00		0.000	1380	1417	1522	1547
2023/01/13	11:22:00		0.000	1380	1413	1528	1543
2023/01/13	11:24:00		0.000	1381	1410	1533	1548
2023/01/13	11:26:00		0.000	1383	1419	1534	1561
2023/01/13	11:28:00		0.000	1388	1419	1549	1564
2023/01/13	11:30:00		0.000	1383	1425	1523	1566
2023/01/13	11:32:00		0.000	1391	1424	1520	1567
2023/01/13	11:34:00		0.000	1396	1428	1567	1576
2023/01/13	11:36:00		0.000	1402	1432	1556	1578
2023/01/13	11:38:00		0.000	1400	1433	1547	1558
2023/01/13	11:40:00		0.000	1400	1439	1518	1553
2023/01/13	11:42:00		0.000	1403	1431	1507	1533
2023/01/13	11:44:00		0.000	1404	1441	1512	1542
2023/01/13	11:46:00		0.000	1396	1448	1520	1560
2023/01/13	11:48:00		0.000	1402	1442	1560	1574
2023/01/13	11:50:00		0.000	1404	1441	1551	1574
2023/01/13	11:52:00		0.000	1414	1441	1531	1568
2023/01/13	11:54:00		0.000	1420	1452	1545	1553
2023/01/13	11:56:00		0.000	1426	1451	1546	1562
2023/01/13	11:58:00		0.000	1424	1460	1542	1564
2023/01/13	12:00:00		0.000	1441	1474	1541	1572
2023/01/13	12:02:00		0.000	1446	1480	1556	1573
2023/01/13	12:04:00		0.000	1457	1492	1548	1566
2023/01/13	12:06:00		0.000	1473	1496	1543	1556
2023/01/13	12:08:00		0.000	1472	1501	1540	1550
2023/01/13	12:10:00		0.000	1474	1496	1530	1556
2023/01/13	12:12:00		0.000	1468	1496	1528	1545
2023/01/13	12:14:00		0.000	1468	1497	1533	1559
2023/01/13	12:16:00		0.000	1468	1491	1516	1559

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	12:18:00		0.000	1453	1485	1512		1539
2023/01/13	12:20:00		0.000	1451	1484	1494		1549
2023/01/13	12:22:00		0.000	1450	1479	1537		1564
2023/01/13	12:24:00		0.000	1448	1480	1532		1561
2023/01/13	12:26:00		0.000	1428	1468	1537		1558
2023/01/13	12:28:00		0.000	1441	1472	1534		1545
2023/01/13	12:30:00		0.000	1435	1469	1538		1545
2023/01/13	12:32:00		0.000	1435	1468	1516		1549
2023/01/13	12:34:00		0.000	1437	1471	1520		1549
2023/01/13	12:36:00		0.000	1428	1473	1530		1544
2023/01/13	12:38:00		0.000	1441	1467	1535		1555
2023/01/13	12:40:00		0.000	1441	1477	1547		1556
2023/01/13	12:42:00		0.000	1453	1485	1550		1583
2023/01/13	12:44:00		0.000	1458	1483	1531		1581
2023/01/13	12:46:00		0.000	1458	1501	1531		1561
2023/01/13	12:48:00		0.000	1472	1497	1519		1552
2023/01/13	12:50:00		0.000	1461	1494	1520		1545
2023/01/13	12:52:00		0.000	1452	1486	1518		1550
2023/01/13	12:54:00		0.000	1459	1483	1520		1542
2023/01/13	12:56:00		0.000	1449	1479	1524		1549
2023/01/13	12:58:00		0.000	1439	1476	1534		1560
2023/01/13	13:00:00		0.000	1441	1468	1538		1558
2023/01/13	13:02:00		0.000	1439	1473	1510		1538
2023/01/13	13:04:00		0.000	1451	1484	1526		1548
2023/01/13	13:06:00		0.000	1458	1492	1547		1570
2023/01/13	13:08:00		0.000	1458	1502	1558		1579
2023/01/13	13:10:00		0.000	1472	1496	1536		1573
2023/01/13	13:12:00		0.000	1472	1500	1534		1561
2023/01/13	13:14:00		0.000	1463	1494	1540		1549
2023/01/13	13:16:00		0.000	1451	1485	1512		1558
2023/01/13	13:18:00		0.000	1452	1488	1504		1527
2023/01/13	13:20:00		0.000	1450	1484	1496		1528
2023/01/13	13:22:00		0.000	1449	1480	1528		1566
2023/01/13	13:24:00		0.000	1448	1472	1547		1561
2023/01/13	13:26:00		0.000	1453	1479	1533		1565
2023/01/13	13:28:00		0.000	1460	1487	1553		1576
2023/01/13	13:30:00		0.000	1468	1496	1549		1569
2023/01/13	13:32:00		0.000	1462	1495	1541		1561
2023/01/13	13:34:00		0.000	1469	1494	1523		1541
2023/01/13	13:36:00		0.000	1470	1493	1523		1535
2023/01/13	13:38:00		0.000	1452	1496	1516		1533

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	13:40:00		0.000	1458	1485	1531	1541	
2023/01/13	13:42:00		0.000	1460	1486	1523	1560	
2023/01/13	13:44:00		0.000	1457	1490	1558	1570	
2023/01/13	13:46:00		0.000	1455	1485	1544	1568	
2023/01/13	13:48:00		0.000	1451	1480	1534	1559	
2023/01/13	13:50:00		0.000	1454	1484	1523	1547	
2023/01/13	13:52:00		0.000	1451	1490	1527	1539	
2023/01/13	13:54:00		0.000	1458	1492	1514	1537	
2023/01/13	13:56:00		0.000	1462	1497	1525	1562	
2023/01/13	13:58:00		0.000	1471	1494	1549	1565	
2023/01/13	14:00:00		0.000	1465	1494	1549	1574	
2023/01/13	14:02:00		0.000	1461	1494	1504	1551	
2023/01/13	14:04:00		0.000	1470	1499	1530	1558	
2023/01/13	14:06:00		0.000	1468	1499	1553	1570	
2023/01/13	14:08:00		0.000	1467	1496	1534	1566	
2023/01/13	14:10:00		0.000	1465	1497	1522	1547	
2023/01/13	14:12:00		0.000	1463	1490	1522	1547	
2023/01/13	14:14:00		0.000	1456	1488	1497	1529	
2023/01/13	14:16:00		0.000	1446	1483	1504	1528	
2023/01/13	14:18:00		0.000	1449	1479	1523	1539	
2023/01/13	14:20:00		0.000	1454	1483	1533	1547	
2023/01/13	14:22:00		0.000	1449	1480	1547	1570	
2023/01/13	14:24:00		0.000	1447	1480	1555	1572	
2023/01/13	14:26:00		0.000	1445	1480	1527	1558	
2023/01/13	14:28:00		0.000	1448	1477	1512	1544	
2023/01/13	14:30:00		0.000	1445	1473	1509	1533	
2023/01/13	14:32:00		0.000	1445	1474	1527	1539	
2023/01/13	14:34:00		0.000	1442	1483	1531	1554	
2023/01/13	14:36:00		0.000	1442	1474	1546	1556	
2023/01/13	14:38:00		0.000	1442	1471	1536	1556	
2023/01/13	14:40:00		0.000	1435	1471	1526	1541	
2023/01/13	14:42:00		0.000	1439	1472	1531	1555	
2023/01/13	14:44:00		0.000	1442	1477	1539	1565	
2023/01/13	14:46:00		0.000	1431	1463	1551	1558	
2023/01/13	14:48:00		0.000	1439	1468	1554	1566	
2023/01/13	14:50:00		0.000	1437	1468	1537	1557	
2023/01/13	14:52:00		0.000	1436	1463	1506	1548	
2023/01/13	14:54:00		0.000	1435	1458	1517	1532	
2023/01/13	14:56:00		0.000	1428	1462	1513	1532	
2023/01/13	14:58:00		0.000	1435	1461	1528	1558	
2023/01/13	15:00:00		0.000	1428	1463	1515	1545	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	15:02:00		0.000	1428	1463	1526		1558
2023/01/13	15:04:00		0.000	1427	1460	1549		1557
2023/01/13	15:06:00		0.000	1422	1458	1527		1556
2023/01/13	15:08:00		0.000	1431	1460	1527		1542
2023/01/13	15:10:00		0.000	1433	1468	1519		1543
2023/01/13	15:12:00		0.000	1418	1457	1535		1557
2023/01/13	15:14:00		0.000	1419	1453	1545		1558
2023/01/13	15:16:00		0.000	1421	1457	1543		1558
2023/01/13	15:18:00		0.000	1426	1457	1498		1543
2023/01/13	15:20:00		0.000	1425	1453	1524		1554
2023/01/13	15:22:00		0.000	1421	1453	1524		1551
2023/01/13	15:24:00		0.000	1425	1469	1533		1556
2023/01/13	15:26:00		0.000	1439	1466	1550		1588
2023/01/13	15:28:00		0.000	1445	1480	1560		1593
2023/01/13	15:30:00		0.000	1442	1473	1555		1572
2023/01/13	15:32:00		0.000	1438	1465	1535		1555
2023/01/13	15:34:00		0.000	1441	1462	1502		1535
2023/01/13	15:36:00		0.000	1431	1459	1506		1520
2023/01/13	15:38:00		0.000	1417	1452	1507		1546
2023/01/13	15:40:00		0.000	1415	1451	1537		1544
2023/01/13	15:42:00		0.000	1417	1446	1541		1559
2023/01/13	15:44:00		0.000	1416	1444	1520		1541
2023/01/13	15:46:00		0.000	1414	1446	1512		1540
2023/01/13	15:48:00		0.000	1407	1445	1537		1556
2023/01/13	15:50:00		0.000	1414	1451	1539		1565
2023/01/13	15:52:00		0.000	1417	1456	1565		1584
2023/01/13	15:54:00		0.000	1426	1460	1523		1574
2023/01/13	15:56:00		0.000	1425	1454	1526		1544
2023/01/13	15:58:00		0.000	1428	1458	1526		1539
2023/01/13	16:00:00		0.000	1424	1462	1533		1553
2023/01/13	16:02:00		0.000	1431	1461	1542		1558
2023/01/13	16:04:00		0.000	1435	1461	1531		1558
2023/01/13	16:06:00		0.000	1437	1460	1530		1555
2023/01/13	16:08:00		0.000	1427	1460	1516		1558
2023/01/13	16:10:00		0.000	1420	1451	1518		1529
2023/01/13	16:12:00		0.000	1417	1451	1520		1543
2023/01/13	16:14:00		0.000	1408	1442	1543		1550
2023/01/13	16:16:00		0.000	1402	1438	1531		1547
2023/01/13	16:18:00		0.000	1404	1428	1529		1542
2023/01/13	16:20:00		0.000	1404	1437	1524		1548
2023/01/13	16:22:00		0.000	1409	1433	1528		1565

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/13	16:24:00		0.000	1411	1441	1553	1574
2023/01/13	16:26:00		0.000	1416	1441	1554	1578
2023/01/13	16:28:00		0.000	1416	1447	1543	1560
2023/01/13	16:30:00		0.000	1417	1451	1533	1551
2023/01/13	16:32:00		0.000	1424	1453	1543	1564
2023/01/13	16:34:00		0.000	1425	1453	1539	1560
2023/01/13	16:36:00		0.000	1425	1453	1531	1539
2023/01/13	16:38:00		0.000	1435	1457	1527	1548
2023/01/13	16:40:00		0.000	1427	1458	1534	1556
2023/01/13	16:42:00		0.000	1428	1460	1512	1552
2023/01/13	16:44:00		0.000	1428	1461	1515	1556
2023/01/13	16:46:00		0.000	1434	1458	1542	1577
2023/01/13	16:48:00		0.000	1423	1452	1553	1577
2023/01/13	16:50:00		0.000	1416	1450	1555	1568
2023/01/13	16:52:00		0.000	1418	1440	1532	1560
2023/01/13	16:54:00		0.000	1406	1439	1530	1538
2023/01/13	16:56:00		0.000	1404	1439	1510	1535
2023/01/13	16:58:00		0.000	1392	1431	1512	1525
2023/01/13	17:00:00		0.000	1396	1431	1503	1530
2023/01/13	17:02:00		0.000	1400	1439	1530	1572
2023/01/13	17:04:00		0.000	1419	1453	1566	1587
2023/01/13	17:06:00		0.000	1431	1462	1551	1566
2023/01/13	17:08:00		0.000	1423	1461	1547	1553
2023/01/13	17:10:00		0.000	1417	1453	1545	1554
2023/01/13	17:12:00		0.000	1417	1445	1527	1553
2023/01/13	17:14:00		0.000	1408	1444	1504	1533
2023/01/13	17:16:00		0.000	1410	1439	1504	1531
2023/01/13	17:18:00		0.000	1402	1428	1510	1535
2023/01/13	17:20:00		0.000	1393	1430	1535	1566
2023/01/13	17:22:00		0.000	1405	1430	1541	1561
2023/01/13	17:24:00		0.000	1398	1435	1539	1564
2023/01/13	17:26:00		0.000	1407	1435	1561	1575
2023/01/13	17:28:00		0.000	1407	1435	1527	1574
2023/01/13	17:30:00		0.000	1402	1439	1527	1534
2023/01/13	17:32:00		0.000	1407	1437	1512	1533
2023/01/13	17:34:00		0.000	1405	1436	1512	1542
2023/01/13	17:36:00		0.000	1415	1441	1540	1548
2023/01/13	17:38:00		0.000	1406	1449	1541	1570
2023/01/13	17:40:00		0.000	1417	1449	1558	1570
2023/01/13	17:42:00		0.000	1420	1446	1543	1570
2023/01/13	17:44:00		0.000	1419	1450	1545	1561



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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	17:46:00		0.000	1409	1450	1533		1555
2023/01/13	17:48:00		0.000	1413	1448	1503		1533
2023/01/13	17:50:00		0.000	1402	1437	1510		1523
2023/01/13	17:52:00		0.000	1383	1435	1516		1533
2023/01/13	17:54:00		0.000	1392	1415	1521		1537
2023/01/13	17:56:00		0.000	1396	1424	1529		1556
2023/01/13	17:58:00		0.000	1388	1424	1556		1564
2023/01/13	18:00:00		0.000	1391	1424	1553		1566
2023/01/13	18:02:00		0.000	1402	1432	1547		1568
2023/01/13	18:04:00		0.000	1398	1439	1532		1547
2023/01/13	18:06:00		0.000	1409	1438	1529		1547
2023/01/13	18:08:00		0.000	1406	1441	1527		1553
2023/01/13	18:10:00		0.000	1408	1437	1539		1553
2023/01/13	18:12:00		0.000	1402	1449	1542		1560
2023/01/13	18:14:00		0.000	1413	1443	1554		1570
2023/01/13	18:16:00		0.000	1417	1446	1547		1566
2023/01/13	18:18:00		0.000	1414	1448	1531		1548
2023/01/13	18:20:00		0.000	1425	1450	1531		1541
2023/01/13	18:22:00		0.000	1412	1452	1524		1543
2023/01/13	18:24:00		0.000	1400	1439	1513		1530
2023/01/13	18:26:00		0.000	1380	1424	1507		1527
2023/01/13	18:28:00		0.000	1390	1425	1509		1556
2023/01/13	18:30:00		0.000	1402	1439	1556		1572
2023/01/13	18:32:00		0.000	1411	1448	1554		1580
2023/01/13	18:34:00		0.000	1412	1448	1545		1560
2023/01/13	18:36:00		0.000	1419	1446	1528		1562
2023/01/13	18:38:00		0.000	1406	1439	1520		1529
2023/01/13	18:40:00		0.000	1407	1439	1512		1526
2023/01/13	18:42:00		0.000	1396	1431	1514		1535
2023/01/13	18:44:00		0.000	1390	1426	1535		1540
2023/01/13	18:46:00		0.000	1392	1425	1533		1542
2023/01/13	18:48:00		0.000	1385	1424	1535		1552
2023/01/13	18:50:00		0.000	1402	1435	1552		1571
2023/01/13	18:52:00		0.000	1415	1442	1565		1580
2023/01/13	18:54:00		0.000	1417	1451	1541		1565
2023/01/13	18:56:00		0.000	1410	1449	1547		1559
2023/01/13	18:58:00		0.000	1403	1441	1505		1547
2023/01/13	19:00:00		0.000	1404	1436	1504		1518
2023/01/13	19:02:00		0.000	1392	1428	1505		1556
2023/01/13	19:04:00		0.000	1386	1428	1549		1556
2023/01/13	19:06:00		0.000	1383	1416	1539		1559

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Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	19:08:00		0.000	1376	1419	1520		1539
2023/01/13	19:10:00		0.000	1394	1424	1533		1568
2023/01/13	19:12:00		0.000	1404	1431	1555		1569
2023/01/13	19:14:00		0.000	1400	1441	1548		1571
2023/01/13	19:16:00		0.000	1411	1439	1557		1573
2023/01/13	19:18:00		0.000	1417	1445	1539		1562
2023/01/13	19:20:00		0.000	1406	1437	1535		1542
2023/01/13	19:22:00		0.000	1400	1433	1522		1544
2023/01/13	19:24:00		0.000	1395	1434	1509		1525
2023/01/13	19:26:00		0.000	1383	1425	1516		1527
2023/01/13	19:28:00		0.000	1394	1421	1525		1543
2023/01/13	19:30:00		0.000	1389	1421	1529		1546
2023/01/13	19:32:00		0.000	1387	1417	1546		1563
2023/01/13	19:34:00		0.000	1383	1422	1518		1549
2023/01/13	19:36:00		0.000	1400	1426	1531		1561
2023/01/13	19:38:00		0.000	1396	1428	1552		1561
2023/01/13	19:40:00		0.000	1397	1428	1552		1568
2023/01/13	19:42:00		0.000	1406	1434	1555		1563
2023/01/13	19:44:00		0.000	1402	1431	1515		1556
2023/01/13	19:46:00		0.000	1409	1436	1512		1542
2023/01/13	19:48:00		0.000	1416	1439	1523		1547
2023/01/13	19:50:00		0.000	1414	1451	1527		1544
2023/01/13	19:52:00		0.000	1415	1446	1544		1582
2023/01/13	19:54:00		0.000	1419	1451	1531		1584
2023/01/13	19:56:00		0.000	1418	1449	1526		1534
2023/01/13	19:58:00		0.000	1417	1453	1526		1537
2023/01/13	20:00:00		0.000	1421	1444	1532		1540
2023/01/13	20:02:00		0.000	1406	1444	1521		1547
2023/01/13	20:04:00		0.000	1396	1437	1543		1560
2023/01/13	20:06:00		0.000	1403	1429	1519		1543
2023/01/13	20:08:00		0.000	1398	1431	1531		1541
2023/01/13	20:10:00		0.000	1386	1420	1521		1537
2023/01/13	20:12:00		0.000	1381	1416	1534		1553
2023/01/13	20:14:00		0.000	1376	1420	1541		1554
2023/01/13	20:16:00		0.000	1394	1439	1554		1572
2023/01/13	20:18:00		0.000	1406	1435	1549		1576
2023/01/13	20:20:00		0.000	1404	1437	1530		1553
2023/01/13	20:22:00		0.000	1416	1450	1548		1570
2023/01/13	20:24:00		0.000	1423	1445	1545		1559
2023/01/13	20:26:00		0.000	1417	1441	1536		1545
2023/01/13	20:28:00		0.000	1406	1435	1496		1536

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	20:30:00		0.000	1398	1431	1502		1520
2023/01/13	20:32:00		0.000	1400	1425	1515		1549
2023/01/13	20:34:00		0.000	1394	1420	1542		1553
2023/01/13	20:36:00		0.000	1374	1420	1521		1551
2023/01/13	20:38:00		0.000	1387	1419	1514		1542
2023/01/13	20:40:00		0.000	1387	1417	1534		1556
2023/01/13	20:42:00		0.000	1390	1422	1541		1556
2023/01/13	20:44:00		0.000	1400	1424	1556		1571
2023/01/13	20:46:00		0.000	1389	1439	1558		1582
2023/01/13	20:48:00		0.000	1406	1428	1531		1558
2023/01/13	20:50:00		0.000	1402	1435	1531		1547
2023/01/13	20:52:00		0.000	1409	1435	1541		1558
2023/01/13	20:54:00		0.000	1408	1439	1538		1571
2023/01/13	20:56:00		0.000	1413	1442	1527		1545
2023/01/13	20:58:00		0.000	1413	1448	1532		1548
2023/01/13	21:00:00		0.000	1414	1442	1523		1537
2023/01/13	21:02:00		0.000	1414	1444	1524		1535
2023/01/13	21:04:00		0.000	1405	1449	1527		1582
2023/01/13	21:06:00		0.000	1405	1449	1558		1584
2023/01/13	21:08:00		0.000	1420	1448	1519		1558
2023/01/13	21:10:00		0.000	1416	1451	1508		1539
2023/01/13	21:12:00		0.000	1421	1451	1526		1547
2023/01/13	21:14:00		0.000	1421	1449	1520		1549
2023/01/13	21:16:00		0.000	1423	1445	1545		1572
2023/01/13	21:18:00		0.000	1411	1445	1550		1569
2023/01/13	21:20:00		0.000	1414	1443	1545		1556
2023/01/13	21:22:00		0.000	1415	1445	1520		1558
2023/01/13	21:24:00		0.000	1415	1442	1503		1528
2023/01/13	21:26:00		0.000	1417	1439	1528		1554
2023/01/13	21:28:00		0.000	1395	1439	1541		1558
2023/01/13	21:30:00		0.000	1417	1439	1555		1570
2023/01/13	21:32:00		0.000	1417	1437	1539		1555
2023/01/13	21:34:00		0.000	1415	1439	1535		1558
2023/01/13	21:36:00		0.000	1414	1435	1532		1540
2023/01/13	21:38:00		0.000	1410	1435	1520		1538
2023/01/13	21:40:00		0.000	1404	1435	1512		1532
2023/01/13	21:42:00		0.000	1400	1433	1512		1553
2023/01/13	21:44:00		0.000	1399	1441	1550		1559
2023/01/13	21:46:00		0.000	1406	1436	1535		1558
2023/01/13	21:48:00		0.000	1402	1435	1535		1561
2023/01/13	21:50:00		0.000	1400	1434	1552		1569

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	21:52:00		0.000	1403	1435	1525		1552
2023/01/13	21:54:00		0.000	1402	1435	1506		1531
2023/01/13	21:56:00		0.000	1402	1431	1500		1530
2023/01/13	21:58:00		0.000	1398	1428	1527		1560
2023/01/13	22:00:00		0.000	1394	1433	1548		1566
2023/01/13	22:02:00		0.000	1397	1428	1553		1564
2023/01/13	22:04:00		0.000	1398	1430	1535		1559
2023/01/13	22:06:00		0.000	1393	1436	1539		1571
2023/01/13	22:08:00		0.000	1398	1426	1545		1566
2023/01/13	22:10:00		0.000	1397	1429	1527		1547
2023/01/13	22:12:00		0.000	1392	1428	1541		1563
2023/01/13	22:14:00		0.000	1392	1426	1494		1547
2023/01/13	22:16:00		0.000	1392	1422	1504		1539
2023/01/13	22:18:00		0.000	1387	1420	1516		1539
2023/01/13	22:20:00		0.000	1386	1426	1513		1568
2023/01/13	22:22:00		0.000	1384	1424	1525		1570
2023/01/13	22:24:00		0.000	1385	1430	1539		1566
2023/01/13	22:26:00		0.000	1387	1432	1561		1571
2023/01/13	22:28:00		0.000	1405	1431	1545		1570
2023/01/13	22:30:00		0.000	1406	1433	1539		1557
2023/01/13	22:32:00		0.000	1396	1431	1528		1546
2023/01/13	22:34:00		0.000	1414	1441	1528		1549
2023/01/13	22:36:00		0.000	1412	1441	1549		1568
2023/01/13	22:38:00		0.000	1413	1442	1537		1566
2023/01/13	22:40:00		0.000	1411	1446	1525		1537
2023/01/13	22:42:00		0.000	1418	1447	1537		1561
2023/01/13	22:44:00		0.000	1417	1449	1542		1553
2023/01/13	22:46:00		0.000	1416	1459	1543		1555
2023/01/13	22:48:00		0.000	1431	1457	1518		1545
2023/01/13	22:50:00		0.000	1424	1456	1510		1537
2023/01/13	22:52:00		0.000	1421	1448	1509		1531
2023/01/13	22:54:00		0.000	1412	1444	1504		1537
2023/01/13	22:56:00		0.000	1404	1432	1537		1558
2023/01/13	22:58:00		0.000	1398	1431	1548		1564
2023/01/13	23:00:00		0.000	1392	1424	1536		1548
2023/01/13	23:02:00		0.000	1391	1423	1535		1547
2023/01/13	23:04:00		0.000	1396	1424	1544		1566
2023/01/13	23:06:00		0.000	1406	1435	1553		1582
2023/01/13	23:08:00		0.000	1394	1439	1539		1569
2023/01/13	23:10:00		0.000	1402	1431	1520		1545
2023/01/13	23:12:00		0.000	1403	1443	1504		1520

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	23:14:00		0.000	1411	1443	1512		1554
2023/01/13	23:16:00		0.000	1409	1446	1537		1553
2023/01/13	23:18:00		0.000	1409	1442	1545		1560
2023/01/13	23:20:00		0.000	1414	1449	1547		1553
2023/01/13	23:22:00		0.000	1417	1451	1551		1569
2023/01/13	23:24:00		0.000	1420	1454	1542		1561
2023/01/13	23:26:00		0.000	1429	1461	1531		1548
2023/01/13	23:28:00		0.000	1425	1460	1528		1561
2023/01/13	23:30:00		0.000	1424	1462	1534		1548
2023/01/13	23:32:00		0.000	1437	1462	1538		1554
2023/01/13	23:34:00		0.000	1433	1469	1539		1556
2023/01/13	23:36:00		0.000	1441	1464	1538		1554
2023/01/13	23:38:00		0.000	1433	1460	1531		1546
2023/01/13	23:40:00		0.000	1432	1465	1508		1531
2023/01/13	23:42:00		0.000	1431	1465	1509		1528
2023/01/13	23:44:00		0.000	1439	1468	1528		1548
2023/01/13	23:46:00		0.000	1421	1468	1535		1557
2023/01/13	23:48:00		0.000	1425	1463	1527		1538
2023/01/13	23:50:00		0.000	1425	1466	1528		1568
2023/01/13	23:52:00		0.000	1428	1465	1539		1577
2023/01/13	23:54:00		0.000	1432	1460	1537		1562
2023/01/13	23:56:00		0.000	1433	1469	1545		1560
2023/01/13	23:58:00		0.000	1428	1460	1528		1547

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/14	00:00:00		0.000	1424	1462	1510	1531
2023/01/14	00:02:00		0.000	1431	1465	1516	1535
2023/01/14	00:04:00		0.000	1433	1462	1522	1551
2023/01/14	00:06:00		0.000	1425	1497	1551	1574
2023/01/14	00:08:00		0.000	1480	1579	1574	1606
2023/01/14	00:10:00		0.000	1571	1673	1593	1615
2023/01/14	00:12:00		0.000	1669	1716	1593	1639
2023/01/14	00:14:00		0.000	1710	1738	1580	1607
2023/01/14	00:16:00		0.000	1703	1726	1541	1581
2023/01/14	00:18:00		0.000	1702	1720	1525	1544
2023/01/14	00:20:00		0.000	1707	1736	1506	1533
2023/01/14	00:22:00		0.000	1721	1745	1494	1548
2023/01/14	00:24:00		0.000	1732	1754	1538	1551
2023/01/14	00:26:00		0.000	1740	1756	1536	1554
2023/01/14	00:28:00		0.000	1737	1757	1497	1541
2023/01/14	00:30:00		0.000	1740	1758	1536	1565
2023/01/14	00:32:00		0.000	1736	1760	1546	1563
2023/01/14	00:34:00		0.000	1743	1760	1520	1566
2023/01/14	00:36:00		0.000	1741	1762	1512	1543
2023/01/14	00:38:00		0.000	1745	1766	1520	1560
2023/01/14	00:40:00		0.000	1750	1783	1520	1554
2023/01/14	00:42:00		0.000	1773	1791	1536	1547
2023/01/14	00:44:00		0.000	1767	1790	1547	1574
2023/01/14	00:46:00		0.000	1752	1778	1554	1568
2023/01/14	00:48:00		0.000	1723	1758	1526	1567
2023/01/14	00:50:00		0.000	1726	1745	1505	1532
2023/01/14	00:52:00		0.000	1732	1758	1502	1522
2023/01/14	00:54:00		0.000	1743	1774	1517	1594
2023/01/14	00:56:00		0.000	1746	1768	1561	1594
2023/01/14	00:58:00		0.000	1707	1755	1514	1574
2023/01/14	01:00:00		0.000	1689	1713	1477	1517
2023/01/14	01:02:00		0.000	1709	1745	1477	1528
2023/01/14	01:04:00		0.000	1732	1756	1516	1541
2023/01/14	01:06:00		0.000	1743	1766	1534	1570
2023/01/14	01:08:00		0.000	1745	1774	1537	1570
2023/01/14	01:10:00		0.000	1707	1754	1532	1548
2023/01/14	01:12:00		0.000	1654	1710	1521	1550
2023/01/14	01:14:00		0.000	1573	1656	1485	1521
2023/01/14	01:16:00		0.000	1516	1578	1449	1504
2023/01/14	01:18:00		0.000	1512	1578	1504	1577
2023/01/14	01:20:00		0.000	1573	1663	1577	1626

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	01:22:00		0.000	1662	1747	1563	1630
2023/01/14	01:24:00		0.000	1746	1779	1578	1603
2023/01/14	01:26:00		0.000	1765	1782	1568	1596
2023/01/14	01:28:00		0.000	1762	1783	1537	1568
2023/01/14	01:30:00		0.000	1763	1783	1506	1537
2023/01/14	01:32:00		0.000	1759	1781	1493	1525
2023/01/14	01:34:00		0.000	1754	1778	1481	1555
2023/01/14	01:36:00		0.000	1752	1770	1555	1593
2023/01/14	01:38:00		0.000	1742	1767	1544	1580
2023/01/14	01:40:00		0.000	1750	1770	1558	1580
2023/01/14	01:42:00		0.000	1746	1770	1526	1566
2023/01/14	01:44:00		0.000	1752	1775	1539	1565
2023/01/14	01:46:00		0.000	1754	1775	1522	1551
2023/01/14	01:48:00		0.000	1758	1775	1536	1558
2023/01/14	01:50:00		0.000	1755	1778	1527	1558
2023/01/14	01:52:00		0.000	1747	1765	1524	1552
2023/01/14	01:54:00		0.000	1748	1770	1547	1558
2023/01/14	01:56:00		0.000	1749	1769	1532	1547
2023/01/14	01:58:00		0.000	1752	1773	1522	1549
2023/01/14	02:00:00		0.000	1752	1775	1522	1545
2023/01/14	02:02:00		0.000	1755	1776	1545	1570
2023/01/14	02:04:00		0.000	1762	1778	1549	1572
2023/01/14	02:06:00		0.000	1760	1781	1506	1576
2023/01/14	02:08:00		0.000	1761	1784	1482	1511
2023/01/14	02:10:00		0.000	1758	1784	1510	1567
2023/01/14	02:12:00		0.000	1747	1773	1505	1547
2023/01/14	02:14:00		0.000	1744	1766	1505	1562
2023/01/14	02:16:00		0.000	1750	1774	1562	1586
2023/01/14	02:18:00		0.000	1758	1781	1527	1583
2023/01/14	02:20:00		0.000	1769	1791	1527	1568
2023/01/14	02:22:00		0.000	1732	1780	1547	1573
2023/01/14	02:24:00		0.000	1670	1734	1495	1569
2023/01/14	02:26:00		0.000	1582	1676	1464	1495
2023/01/14	02:28:00		0.000	1512	1589	1460	1480
2023/01/14	02:30:00		0.000	1488	1532	1454	1516
2023/01/14	02:32:00		0.000	1527	1607	1516	1591
2023/01/14	02:34:00		0.000	1599	1675	1591	1628
2023/01/14	02:36:00		0.000	1672	1749	1585	1617
2023/01/14	02:38:00		0.000	1741	1765	1553	1608
2023/01/14	02:40:00		0.000	1756	1778	1545	1557
2023/01/14	02:42:00		0.000	1748	1775	1530	1564

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	02:44:00		0.000	1745	1761	1533	1547
2023/01/14	02:46:00		0.000	1740	1765	1520	1547
2023/01/14	02:48:00		0.000	1743	1770	1512	1547
2023/01/14	02:50:00		0.000	1748	1777	1525	1549
2023/01/14	02:52:00		0.000	1748	1778	1507	1525
2023/01/14	02:54:00		0.000	1704	1754	1496	1519
2023/01/14	02:56:00		0.000	1725	1749	1504	1566
2023/01/14	02:58:00		0.000	1738	1758	1566	1576
2023/01/14	03:00:00		0.000	1727	1763	1566	1581
2023/01/14	03:02:00		0.000	1690	1732	1508	1566
2023/01/14	03:04:00		0.000	1683	1743	1494	1539
2023/01/14	03:06:00		0.000	1723	1765	1539	1570
2023/01/14	03:08:00		0.000	1757	1780	1566	1584
2023/01/14	03:10:00		0.000	1752	1775	1537	1567
2023/01/14	03:12:00		0.000	1741	1765	1542	1558
2023/01/14	03:14:00		0.000	1739	1758	1543	1566
2023/01/14	03:16:00		0.000	1740	1762	1523	1572
2023/01/14	03:18:00		0.000	1720	1750	1545	1587
2023/01/14	03:20:00		0.000	1696	1732	1457	1545
2023/01/14	03:22:00		0.000	1617	1698	1456	1533
2023/01/14	03:24:00		0.000	1570	1624	1486	1530
2023/01/14	03:26:00		0.000	1550	1577	1486	1514
2023/01/14	03:28:00		0.000	1549	1576	1500	1536
2023/01/14	03:30:00		0.000	1531	1556	1523	1539
2023/01/14	03:32:00		0.000	1527	1563	1504	1529
2023/01/14	03:34:00		0.000	1552	1641	1529	1623
2023/01/14	03:36:00		0.000	1639	1696	1576	1655
2023/01/14	03:38:00		0.000	1692	1788	1562	1607
2023/01/14	03:40:00		0.000	1784	1810	1571	1604
2023/01/14	03:42:00		0.000	1753	1808	1544	1578
2023/01/14	03:44:00		0.000	1728	1767	1515	1549
2023/01/14	03:46:00		0.000	1688	1733	1468	1515
2023/01/14	03:48:00		0.000	1690	1734	1500	1567
2023/01/14	03:50:00		0.000	1729	1793	1561	1584
2023/01/14	03:52:00		0.000	1786	1820	1584	1598
2023/01/14	03:54:00		0.000	1789	1811	1541	1586
2023/01/14	03:56:00		0.000	1778	1803	1489	1542
2023/01/14	03:58:00		0.000	1769	1797	1524	1556
2023/01/14	04:00:00		0.000	1769	1789	1505	1531
2023/01/14	04:02:00		0.000	1771	1791	1507	1539
2023/01/14	04:04:00		0.000	1773	1801	1537	1557



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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	04:06:00		0.000	1777	1802	1553	1564
2023/01/14	04:08:00		0.000	1784	1805	1549	1560
2023/01/14	04:10:00		0.000	1790	1806	1551	1572
2023/01/14	04:12:00		0.000	1751	1806	1523	1588
2023/01/14	04:14:00		0.000	1698	1760	1464	1523
2023/01/14	04:16:00		0.000	1622	1707	1472	1506
2023/01/14	04:18:00		0.000	1574	1629	1466	1502
2023/01/14	04:20:00		0.000	1578	1605	1480	1501
2023/01/14	04:22:00		0.000	1581	1611	1497	1533
2023/01/14	04:24:00		0.000	1585	1619	1524	1566
2023/01/14	04:26:00		0.000	1597	1620	1565	1575
2023/01/14	04:28:00		0.000	1589	1622	1542	1572
2023/01/14	04:30:00		0.000	1587	1620	1529	1542
2023/01/14	04:32:00		0.000	1589	1608	1531	1556
2023/01/14	04:34:00		0.000	1581	1603	1549	1567
2023/01/14	04:36:00		0.000	1577	1601	1522	1549
2023/01/14	04:38:00		0.000	1576	1599	1505	1527
2023/01/14	04:40:00		0.000	1576	1599	1507	1523
2023/01/14	04:42:00		0.000	1572	1608	1513	1575
2023/01/14	04:44:00		0.000	1585	1605	1570	1579
2023/01/14	04:46:00		0.000	1587	1611	1542	1570
2023/01/14	04:48:00		0.000	1586	1615	1537	1553
2023/01/14	04:50:00		0.000	1594	1620	1537	1560
2023/01/14	04:52:00		0.000	1597	1619	1550	1573
2023/01/14	04:54:00		0.000	1589	1617	1531	1573
2023/01/14	04:56:00		0.000	1581	1608	1512	1537
2023/01/14	04:58:00		0.000	1570	1599	1487	1517
2023/01/14	05:00:00		0.000	1567	1600	1517	1539
2023/01/14	05:02:00		0.000	1578	1608	1536	1545
2023/01/14	05:04:00		0.000	1591	1616	1533	1556
2023/01/14	05:06:00		0.000	1599	1621	1537	1573
2023/01/14	05:08:00		0.000	1596	1619	1546	1569
2023/01/14	05:10:00		0.000	1582	1609	1534	1553
2023/01/14	05:12:00		0.000	1576	1608	1534	1563
2023/01/14	05:14:00		0.000	1584	1606	1525	1541
2023/01/14	05:16:00		0.000	1584	1607	1540	1546
2023/01/14	05:18:00		0.000	1577	1608	1541	1554
2023/01/14	05:20:00		0.000	1566	1598	1539	1553
2023/01/14	05:22:00		0.000	1553	1589	1523	1553
2023/01/14	05:24:00		0.000	1561	1582	1502	1525
2023/01/14	05:26:00		0.000	1561	1585	1499	1538

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/14	05:28:00		0.000	1561	1593	1533	1566
2023/01/14	05:30:00		0.000	1563	1591	1533	1553
2023/01/14	05:32:00		0.000	1564	1589	1553	1567
2023/01/14	05:34:00		0.000	1552	1589	1557	1583
2023/01/14	05:36:00		0.000	1573	1597	1520	1570
2023/01/14	05:38:00		0.000	1576	1597	1528	1550
2023/01/14	05:40:00		0.000	1574	1601	1513	1529
2023/01/14	05:42:00		0.000	1573	1597	1514	1535
2023/01/14	05:44:00		0.000	1572	1599	1535	1556
2023/01/14	05:46:00		0.000	1575	1601	1552	1572
2023/01/14	05:48:00		0.000	1576	1603	1566	1593
2023/01/14	05:50:00		0.000	1581	1607	1528	1566
2023/01/14	05:52:00		0.000	1574	1610	1520	1531
2023/01/14	05:54:00		0.000	1572	1599	1512	1530
2023/01/14	05:56:00		0.000	1563	1595	1518	1557
2023/01/14	05:58:00		0.000	1571	1591	1547	1558
2023/01/14	06:00:00		0.000	1568	1597	1533	1556
2023/01/14	06:02:00		0.000	1561	1588	1523	1561
2023/01/14	06:04:00		0.000	1549	1587	1523	1556
2023/01/14	06:06:00		0.000	1551	1580	1527	1566
2023/01/14	06:08:00		0.000	1545	1580	1520	1544
2023/01/14	06:10:00		0.000	1545	1576	1544	1569
2023/01/14	06:12:00		0.000	1540	1573	1535	1568
2023/01/14	06:14:00		0.000	1527	1560	1492	1535
2023/01/14	06:16:00		0.000	1516	1544	1495	1523
2023/01/14	06:18:00		0.000	1499	1541	1496	1534
2023/01/14	06:20:00		0.000	1509	1529	1534	1562
2023/01/14	06:22:00		0.000	1517	1540	1547	1563
2023/01/14	06:24:00		0.000	1522	1547	1543	1570
2023/01/14	06:26:00		0.000	1532	1562	1541	1570
2023/01/14	06:28:00		0.000	1539	1570	1547	1574
2023/01/14	06:30:00		0.000	1546	1578	1554	1572
2023/01/14	06:32:00		0.000	1549	1574	1552	1570
2023/01/14	06:34:00		0.000	1550	1574	1541	1556
2023/01/14	06:36:00		0.000	1536	1566	1513	1553
2023/01/14	06:38:00		0.000	1527	1555	1494	1515
2023/01/14	06:40:00		0.000	1524	1556	1506	1539
2023/01/14	06:42:00		0.000	1529	1550	1524	1558
2023/01/14	06:44:00		0.000	1529	1563	1530	1558
2023/01/14	06:46:00		0.000	1544	1566	1555	1582
2023/01/14	06:48:00		0.000	1534	1568	1560	1576

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		MIN	MAX
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/14	06:50:00		0.000	1548	1570	1526	1561	
2023/01/14	06:52:00		0.000	1548	1578	1530	1554	
2023/01/14	06:54:00		0.000	1539	1564	1542	1562	
2023/01/14	06:56:00		0.000	1536	1564	1515	1545	
2023/01/14	06:58:00		0.000	1530	1561	1513	1523	
2023/01/14	07:00:00		0.000	1536	1558	1517	1564	
2023/01/14	07:02:00		0.000	1531	1556	1527	1564	
2023/01/14	07:04:00		0.000	1522	1552	1514	1536	
2023/01/14	07:06:00		0.000	1515	1545	1536	1543	
2023/01/14	07:08:00		0.000	1519	1556	1537	1556	
2023/01/14	07:10:00		0.000	1536	1561	1556	1568	
2023/01/14	07:12:00		0.000	1545	1576	1558	1574	
2023/01/14	07:14:00		0.000	1541	1567	1555	1582	
2023/01/14	07:16:00		0.000	1527	1547	1508	1561	
2023/01/14	07:18:00		0.000	1521	1556	1505	1524	
2023/01/14	07:20:00		0.000	1527	1563	1522	1531	
2023/01/14	07:22:00		0.000	1512	1541	1525	1539	
2023/01/14	07:24:00		0.000	1512	1539	1529	1553	
2023/01/14	07:26:00		0.000	1505	1538	1531	1549	
2023/01/14	07:28:00		0.000	1494	1532	1477	1541	
2023/01/14	07:30:00		0.000	1497	1519	1486	1535	
2023/01/14	07:32:00		0.000	1488	1521	1535	1561	
2023/01/14	07:34:00		0.000	1482	1513	1531	1560	
2023/01/14	07:36:00		0.000	1475	1513	1494	1531	
2023/01/14	07:38:00		0.000	1494	1519	1501	1521	
2023/01/14	07:40:00		0.000	1495	1525	1510	1556	
2023/01/14	07:42:00		0.000	1501	1533	1556	1596	
2023/01/14	07:44:00		0.000	1518	1549	1555	1594	
2023/01/14	07:46:00		0.000	1522	1558	1538	1560	
2023/01/14	07:48:00		0.000	1535	1556	1537	1561	
2023/01/14	07:50:00		0.000	1530	1570	1531	1562	
2023/01/14	07:52:00		0.000	1530	1558	1512	1547	
2023/01/14	07:54:00		0.000	1521	1550	1540	1556	
2023/01/14	07:56:00		0.000	1521	1551	1509	1558	
2023/01/14	07:58:00		0.000	1518	1540	1521	1570	
2023/01/14	08:00:00		0.000	1519	1541	1523	1566	
2023/01/14	08:02:00		0.000	1515	1539	1528	1566	
2023/01/14	08:04:00		0.000	1512	1529	1559	1569	
2023/01/14	08:06:00		0.000	1516	1538	1540	1559	
2023/01/14	08:08:00		0.000	1513	1538	1541	1547	
2023/01/14	08:10:00		0.000	1519	1548	1542	1556	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		1	1
			SCFM MIN	MAX	Deg. F MIN	MAX		
2023/01/14	08:12:00		0.000	1523	1548	1545	1561	
2023/01/14	08:14:00		0.000	1527	1553	1540	1550	
2023/01/14	08:16:00		0.000	1529	1552	1530	1542	
2023/01/14	08:18:00		0.000	1519	1551	1533	1547	
2023/01/14	08:20:00		0.000	1512	1543	1522	1553	
2023/01/14	08:22:00		0.000	1508	1541	1512	1523	
2023/01/14	08:24:00		0.000	1499	1530	1507	1523	
2023/01/14	08:26:00		0.000	1501	1532	1523	1589	
2023/01/14	08:28:00		0.000	1525	1556	1557	1582	
2023/01/14	08:30:00		0.000	1530	1556	1551	1565	
2023/01/14	08:32:00		0.000	1501	1540	1502	1551	
2023/01/14	08:34:00		0.000	1462	1503	1497	1516	
2023/01/14	08:36:00		0.000	1461	1488	1496	1512	
2023/01/14	08:38:00		0.000	1458	1487	1498	1556	
2023/01/14	08:40:00		0.000	1475	1503	1556	1592	
2023/01/14	08:42:00		0.000	1470	1514	1574	1590	
2023/01/14	08:44:00		0.000	1486	1515	1562	1584	
2023/01/14	08:46:00		0.000	1473	1505	1553	1564	
2023/01/14	08:48:00		0.000	1481	1507	1541	1561	
2023/01/14	08:50:00		0.000	1479	1509	1534	1555	
2023/01/14	08:52:00		0.000	1490	1517	1512	1537	
2023/01/14	08:54:00		0.000	1492	1527	1501	1523	
2023/01/14	08:56:00		0.000	1496	1522	1507	1535	
2023/01/14	08:58:00		0.000	1497	1529	1534	1543	
2023/01/14	09:00:00		0.000	1499	1524	1543	1576	
2023/01/14	09:02:00		0.000	1505	1529	1574	1582	
2023/01/14	09:04:00		0.000	1499	1529	1530	1574	
2023/01/14	09:06:00		0.000	1503	1530	1528	1534	
2023/01/14	09:08:00		0.000	1505	1531	1528	1551	
2023/01/14	09:10:00		0.000	1512	1534	1542	1557	
2023/01/14	09:12:00		0.000	1516	1540	1556	1576	
2023/01/14	09:14:00		0.000	1512	1537	1502	1556	
2023/01/14	09:16:00		0.000	1519	1541	1502	1518	
2023/01/14	09:18:00		0.000	1523	1549	1511	1533	
2023/01/14	09:20:00		0.000	1519	1545	1510	1537	
2023/01/14	09:22:00		0.000	1505	1538	1525	1558	
2023/01/14	09:24:00		0.000	1507	1527	1558	1582	
2023/01/14	09:26:00		0.000	1490	1523	1537	1580	
2023/01/14	09:28:00		0.000	1491	1517	1531	1540	
2023/01/14	09:30:00		0.000	1490	1517	1514	1536	
2023/01/14	09:32:00		0.000	1488	1529	1520	1550	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	MAX
2023/01/14	09:34:00		0.000	1499	1530	1545	1561
2023/01/14	09:36:00		0.000	1507	1538	1533	1556
2023/01/14	09:38:00		0.000	1517	1541	1539	1565
2023/01/14	09:40:00		0.000	1508	1550	1525	1554
2023/01/14	09:42:00		0.000	1488	1523	1492	1525
2023/01/14	09:44:00		0.000	1465	1507	1504	1534
2023/01/14	09:46:00		0.000	1439	1484	1514	1549
2023/01/14	09:48:00		0.000	1442	1469	1503	1531
2023/01/14	09:50:00		0.000	1435	1470	1504	1537
2023/01/14	09:52:00		0.000	1445	1466	1537	1576
2023/01/14	09:54:00		0.000	1446	1477	1561	1578
2023/01/14	09:56:00		0.000	1448	1480	1555	1567
2023/01/14	09:58:00		0.000	1458	1490	1526	1566
2023/01/14	10:00:00		0.000	1468	1506	1527	1579
2023/01/14	10:02:00		0.000	1494	1530	1570	1582
2023/01/14	10:04:00		0.000	1519	1552	1498	1576
2023/01/14	10:06:00		0.000	1534	1554	1497	1521
2023/01/14	10:08:00		0.000	1538	1561	1521	1538
2023/01/14	10:10:00		0.000	1535	1557	1528	1539
2023/01/14	10:12:00		0.000	1530	1554	1539	1575
2023/01/14	10:14:00		0.000	1530	1552	1550	1566
2023/01/14	10:16:00		0.000	1531	1553	1553	1566
2023/01/14	10:18:00		0.000	1527	1553	1535	1572
2023/01/14	10:20:00		0.000	1522	1549	1534	1566
2023/01/14	10:22:00		0.000	1523	1547	1535	1569
2023/01/14	10:24:00		0.000	1526	1552	1515	1569
2023/01/14	10:26:00		0.000	1538	1560	1520	1555
2023/01/14	10:28:00		0.000	1533	1556	1517	1553
2023/01/14	10:30:00		0.000	1532	1552	1510	1528
2023/01/14	10:32:00		0.000	1529	1561	1518	1528
2023/01/14	10:34:00		0.000	1537	1559	1520	1551
2023/01/14	10:36:00		0.000	1530	1556	1551	1576
2023/01/14	10:38:00		0.000	1534	1557	1555	1579
2023/01/14	10:40:00		0.000	1528	1552	1538	1566
2023/01/14	10:42:00		0.000	1524	1549	1523	1538
2023/01/14	10:44:00		0.000	1523	1549	1502	1523
2023/01/14	10:46:00		0.000	1527	1546	1502	1541
2023/01/14	10:48:00		0.000	1529	1560	1530	1541
2023/01/14	10:50:00		0.000	1516	1548	1530	1552
2023/01/14	10:52:00		0.000	1503	1530	1517	1553
2023/01/14	10:54:00		0.000	1494	1516	1516	1541

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	10:56:00		0.000	1475	1507	1501	1537
2023/01/14	10:58:00		0.000	1468	1498	1506	1539
2023/01/14	11:00:00		0.000	1466	1493	1537	1558
2023/01/14	11:02:00		0.000	1465	1488	1531	1547
2023/01/14	11:04:00		0.000	1459	1483	1531	1546
2023/01/14	11:06:00		0.000	1458	1487	1545	1584
2023/01/14	11:08:00		0.000	1463	1492	1559	1588
2023/01/14	11:10:00		0.000	1482	1508	1547	1566
2023/01/14	11:12:00		0.000	1496	1527	1547	1559
2023/01/14	11:14:00		0.000	1512	1544	1547	1564
2023/01/14	11:16:00		0.000	1527	1552	1551	1575
2023/01/14	11:18:00		0.000	1527	1552	1526	1553
2023/01/14	11:20:00		0.000	1525	1548	1502	1531
2023/01/14	11:22:00		0.000	1514	1549	1485	1549
2023/01/14	11:24:00		0.000	1519	1541	1523	1600
2023/01/14	11:26:00		0.000	1513	1539	1560	1604
2023/01/14	11:28:00		0.000	1509	1530	1543	1564
2023/01/14	11:30:00		0.000	1504	1531	1512	1549
2023/01/14	11:32:00		0.000	1498	1534	1491	1537
2023/01/14	11:34:00		0.000	1516	1549	1500	1572
2023/01/14	11:36:00		0.000	1531	1563	1572	1595
2023/01/14	11:38:00		0.000	1528	1555	1545	1580
2023/01/14	11:40:00		0.000	1513	1541	1528	1561
2023/01/14	11:42:00		0.000	1509	1534	1485	1534
2023/01/14	11:44:00		0.000	1505	1535	1504	1535
2023/01/14	11:46:00		0.000	1516	1543	1535	1555
2023/01/14	11:48:00		0.000	1523	1549	1530	1540
2023/01/14	11:50:00		0.000	1523	1550	1536	1564
2023/01/14	11:52:00		0.000	1528	1556	1553	1585
2023/01/14	11:54:00		0.000	1529	1556	1553	1574
2023/01/14	11:56:00		0.000	1534	1557	1535	1563
2023/01/14	11:58:00		0.000	1534	1563	1526	1540
2023/01/14	12:00:00		0.000	1520	1561	1528	1549
2023/01/14	12:02:00		0.000	1501	1536	1522	1537
2023/01/14	12:04:00		0.000	1486	1523	1488	1529
2023/01/14	12:06:00		0.000	1475	1508	1508	1537
2023/01/14	12:08:00		0.000	1473	1498	1508	1520
2023/01/14	12:10:00		0.000	1466	1493	1520	1568
2023/01/14	12:12:00		0.000	1471	1497	1521	1546
2023/01/14	12:14:00		0.000	1467	1498	1524	1559
2023/01/14	12:16:00		0.000	1475	1501	1534	1561

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/14	12:18:00		0.000	1472	1516	1545	1572
2023/01/14	12:20:00		0.000	1493	1527	1550	1582
2023/01/14	12:22:00		0.000	1505	1538	1547	1593
2023/01/14	12:24:00		0.000	1518	1546	1543	1572
2023/01/14	12:26:00		0.000	1527	1552	1546	1556
2023/01/14	12:28:00		0.000	1527	1552	1534	1554
2023/01/14	12:30:00		0.000	1524	1552	1518	1541
2023/01/14	12:32:00		0.000	1524	1552	1506	1518
2023/01/14	12:34:00		0.000	1529	1556	1516	1561
2023/01/14	12:36:00		0.000	1530	1560	1555	1574
2023/01/14	12:38:00		0.000	1535	1563	1551	1578
2023/01/14	12:40:00		0.000	1538	1561	1531	1566
2023/01/14	12:42:00		0.000	1536	1559	1523	1531
2023/01/14	12:44:00		0.000	1536	1559	1510	1523
2023/01/14	12:46:00		0.000	1530	1557	1518	1527
2023/01/14	12:48:00		0.000	1525	1552	1523	1566
2023/01/14	12:50:00		0.000	1514	1545	1529	1553
2023/01/14	12:52:00		0.000	1518	1543	1532	1542
2023/01/14	12:54:00		0.000	1519	1545	1526	1544
2023/01/14	12:56:00		0.000	1517	1540	1538	1561
2023/01/14	12:58:00		0.000	1517	1540	1561	1588
2023/01/14	13:00:00		0.000	1519	1553	1551	1592
2023/01/14	13:02:00		0.000	1532	1563	1556	1579
2023/01/14	13:04:00		0.000	1539	1565	1527	1580
2023/01/14	13:06:00		0.000	1538	1570	1506	1527
2023/01/14	13:08:00		0.000	1534	1564	1492	1515
2023/01/14	13:10:00		0.000	1510	1561	1497	1541
2023/01/14	13:12:00		0.000	1496	1529	1530	1542
2023/01/14	13:14:00		0.000	1473	1513	1535	1547
2023/01/14	13:16:00		0.000	1468	1499	1505	1547
2023/01/14	13:18:00		0.000	1466	1493	1504	1533
2023/01/14	13:20:00		0.000	1463	1498	1533	1555
2023/01/14	13:22:00		0.000	1475	1505	1527	1550
2023/01/14	13:24:00		0.000	1482	1507	1541	1560
2023/01/14	13:26:00		0.000	1476	1512	1551	1581
2023/01/14	13:28:00		0.000	1499	1534	1547	1577
2023/01/14	13:30:00		0.000	1512	1543	1565	1580
2023/01/14	13:32:00		0.000	1521	1546	1537	1572
2023/01/14	13:34:00		0.000	1521	1556	1533	1558
2023/01/14	13:36:00		0.000	1529	1550	1541	1558
2023/01/14	13:38:00		0.000	1522	1547	1508	1541

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/14	13:40:00		0.000	1519	1548	1510	1526
2023/01/14	13:42:00		0.000	1516	1543	1516	1542
2023/01/14	13:44:00		0.000	1521	1543	1541	1553
2023/01/14	13:46:00		0.000	1527	1549	1547	1560
2023/01/14	13:48:00		0.000	1525	1550	1555	1582
2023/01/14	13:50:00		0.000	1532	1556	1553	1574
2023/01/14	13:52:00		0.000	1537	1563	1542	1572
2023/01/14	13:54:00		0.000	1541	1563	1529	1558
2023/01/14	13:56:00		0.000	1529	1554	1511	1534
2023/01/14	13:58:00		0.000	1519	1554	1499	1529
2023/01/14	14:00:00		0.000	1517	1546	1514	1537
2023/01/14	14:02:00		0.000	1518	1538	1537	1569
2023/01/14	14:04:00		0.000	1523	1548	1569	1585
2023/01/14	14:06:00		0.000	1523	1552	1550	1577
2023/01/14	14:08:00		0.000	1530	1556	1523	1550
2023/01/14	14:10:00		0.000	1539	1558	1532	1545
2023/01/14	14:12:00		0.000	1541	1564	1528	1545
2023/01/14	14:14:00		0.000	1545	1570	1526	1570
2023/01/14	14:16:00		0.000	1541	1564	1549	1574
2023/01/14	14:18:00		0.000	1547	1570	1543	1553
2023/01/14	14:20:00		0.000	1526	1571	1538	1566
2023/01/14	14:22:00		0.000	1512	1543	1502	1538
2023/01/14	14:24:00		0.000	1496	1525	1481	1520
2023/01/14	14:26:00		0.000	1472	1508	1511	1524
2023/01/14	14:28:00		0.000	1473	1507	1518	1537
2023/01/14	14:30:00		0.000	1465	1498	1516	1537
2023/01/14	14:32:00		0.000	1461	1492	1516	1559
2023/01/14	14:34:00		0.000	1474	1497	1554	1582
2023/01/14	14:36:00		0.000	1485	1507	1560	1591
2023/01/14	14:38:00		0.000	1489	1518	1537	1560
2023/01/14	14:40:00		0.000	1503	1534	1537	1558
2023/01/14	14:42:00		0.000	1516	1548	1555	1573
2023/01/14	14:44:00		0.000	1529	1563	1547	1569
2023/01/14	14:46:00		0.000	1541	1564	1556	1569
2023/01/14	14:48:00		0.000	1530	1559	1531	1569
2023/01/14	14:50:00		0.000	1530	1554	1526	1535
2023/01/14	14:52:00		0.000	1529	1549	1518	1534
2023/01/14	14:54:00		0.000	1521	1552	1505	1523
2023/01/14	14:56:00		0.000	1518	1541	1520	1548
2023/01/14	14:58:00		0.000	1513	1538	1548	1581
2023/01/14	15:00:00		0.000	1501	1539	1553	1572



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/14	15:02:00		0.000	1507	1534	1512	1553
2023/01/14	15:04:00		0.000	1510	1541	1508	1515
2023/01/14	15:06:00		0.000	1519	1552	1512	1557
2023/01/14	15:08:00		0.000	1523	1563	1557	1577
2023/01/14	15:10:00		0.000	1523	1552	1561	1582
2023/01/14	15:12:00		0.000	1520	1552	1540	1561
2023/01/14	15:14:00		0.000	1512	1545	1503	1540
2023/01/14	15:16:00		0.000	1511	1538	1498	1521
2023/01/14	15:18:00		0.000	1507	1534	1510	1525
2023/01/14	15:20:00		0.000	1503	1530	1525	1549
2023/01/14	15:22:00		0.000	1505	1525	1533	1551
2023/01/14	15:24:00		0.000	1504	1533	1545	1563
2023/01/14	15:26:00		0.000	1494	1540	1559	1569
2023/01/14	15:28:00		0.000	1508	1545	1547	1566
2023/01/14	15:30:00		0.000	1512	1543	1523	1547
2023/01/14	15:32:00		0.000	1496	1529	1494	1523
2023/01/14	15:34:00		0.000	1485	1512	1495	1523
2023/01/14	15:36:00		0.000	1464	1508	1517	1563
2023/01/14	15:38:00		0.000	1477	1501	1545	1556
2023/01/14	15:40:00		0.000	1462	1506	1525	1551
2023/01/14	15:42:00		0.000	1470	1499	1534	1572
2023/01/14	15:44:00		0.000	1468	1494	1540	1564
2023/01/14	15:46:00		0.000	1463	1490	1534	1544
2023/01/14	15:48:00		0.000	1476	1497	1537	1564
2023/01/14	15:50:00		0.000	1479	1508	1551	1562
2023/01/14	15:52:00		0.000	1484	1508	1537	1563
2023/01/14	15:54:00		0.000	1501	1527	1536	1562
2023/01/14	15:56:00		0.000	1502	1534	1531	1550
2023/01/14	15:58:00		0.000	1507	1539	1547	1556
2023/01/14	16:00:00		0.000	1511	1538	1551	1566
2023/01/14	16:02:00		0.000	1524	1552	1542	1568
2023/01/14	16:04:00		0.000	1528	1548	1537	1570
2023/01/14	16:06:00		0.000	1512	1543	1520	1537
2023/01/14	16:08:00		0.000	1508	1543	1481	1520
2023/01/14	16:10:00		0.000	1499	1539	1498	1563
2023/01/14	16:12:00		0.000	1495	1527	1539	1568
2023/01/14	16:14:00		0.000	1501	1527	1530	1553
2023/01/14	16:16:00		0.000	1502	1531	1551	1561
2023/01/14	16:18:00		0.000	1497	1530	1558	1578
2023/01/14	16:20:00		0.000	1496	1529	1522	1572
2023/01/14	16:22:00		0.000	1497	1529	1517	1527

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/14	16:24:00		0.000	1504	1530	1521	1529
2023/01/14	16:26:00		0.000	1505	1538	1521	1556
2023/01/14	16:28:00		0.000	1512	1546	1556	1571
2023/01/14	16:30:00		0.000	1523	1546	1555	1579
2023/01/14	16:32:00		0.000	1521	1543	1539	1564
2023/01/14	16:34:00		0.000	1512	1543	1528	1563
2023/01/14	16:36:00		0.000	1508	1536	1510	1539
2023/01/14	16:38:00		0.000	1502	1538	1497	1556
2023/01/14	16:40:00		0.000	1499	1541	1542	1557
2023/01/14	16:42:00		0.000	1484	1512	1528	1542
2023/01/14	16:44:00		0.000	1469	1502	1510	1539
2023/01/14	16:46:00		0.000	1445	1480	1493	1514
2023/01/14	16:48:00		0.000	1442	1472	1502	1523
2023/01/14	16:50:00		0.000	1441	1479	1523	1579
2023/01/14	16:52:00		0.000	1452	1486	1573	1589
2023/01/14	16:54:00		0.000	1455	1484	1574	1591
2023/01/14	16:56:00		0.000	1460	1501	1499	1574
2023/01/14	16:58:00		0.000	1474	1510	1499	1548
2023/01/14	17:00:00		0.000	1488	1519	1539	1560
2023/01/14	17:02:00		0.000	1498	1525	1551	1577
2023/01/14	17:04:00		0.000	1507	1527	1566	1582
2023/01/14	17:06:00		0.000	1501	1526	1542	1571
2023/01/14	17:08:00		0.000	1501	1530	1529	1564
2023/01/14	17:10:00		0.000	1494	1520	1523	1546
2023/01/14	17:12:00		0.000	1483	1519	1501	1523
2023/01/14	17:14:00		0.000	1482	1514	1504	1545
2023/01/14	17:16:00		0.000	1477	1509	1545	1577
2023/01/14	17:18:00		0.000	1472	1507	1523	1577
2023/01/14	17:20:00		0.000	1481	1503	1515	1528
2023/01/14	17:22:00		0.000	1474	1502	1516	1539
2023/01/14	17:24:00		0.000	1482	1507	1525	1539
2023/01/14	17:26:00		0.000	1485	1514	1537	1561
2023/01/14	17:28:00		0.000	1492	1519	1553	1591
2023/01/14	17:30:00		0.000	1491	1519	1539	1553
2023/01/14	17:32:00		0.000	1489	1527	1533	1554
2023/01/14	17:34:00		0.000	1476	1521	1513	1534
2023/01/14	17:36:00		0.000	1467	1501	1504	1517
2023/01/14	17:38:00		0.000	1472	1500	1517	1546
2023/01/14	17:40:00		0.000	1476	1505	1545	1556
2023/01/14	17:42:00		0.000	1486	1510	1552	1585
2023/01/14	17:44:00		0.000	1485	1519	1545	1585

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	17:46:00	0.000		1497	1519	1525	1553
2023/01/14	17:48:00	0.000		2	1632	1407	1582
2023/01/14	17:50:00	0.000		3	3	722	1407
2023/01/14	17:52:00	0.000		3	3	482	722
2023/01/14	17:54:00	0.000		3	3	368	482
2023/01/14	17:56:00	0.000		3	3	294	368
2023/01/14	17:58:00	0.000		3	3	256	294
2023/01/14	18:00:00	0.000		3	3	224	256
2023/01/14	18:02:00	0.000		3	3	196	224
2023/01/14	18:04:00	0.000		3	3	178	196
2023/01/14	18:06:00	0.000		3	3	167	178
2023/01/14	18:08:00	0.000		3	3	154	167
2023/01/14	18:10:00	0.000		3	3	144	154
2023/01/14	18:12:00	0.000		3	3	136	144
2023/01/14	18:14:00	0.000		3	3	129	136
2023/01/14	18:16:00	0.000		3	3	123	129
2023/01/14	18:18:00	0.000		3	3	117	123
2023/01/14	18:20:00	0.000		3	3	112	117
2023/01/14	18:22:00	0.000		3	3	108	112
2023/01/14	18:24:00	0.000		3	3	104	108
2023/01/14	18:26:00	0.000		3	3	101	105
2023/01/14	18:28:00	0.000		3	3	99	102
2023/01/14	18:30:00	0.000		3	3	96	100
2023/01/14	18:32:00	0.000		3	3	96	97
2023/01/14	18:34:00	0.000		3	3	93	96
2023/01/14	18:36:00	0.000		3	3	91	93
2023/01/14	18:38:00	0.000		3	3	89	91
2023/01/14	18:40:00	0.000		3	3	87	89
2023/01/14	18:42:00	0.000		3	3	87	87
2023/01/14	18:44:00	0.000		3	3	87	87
2023/01/14	18:46:00	0.000		3	3	85	87
2023/01/14	18:48:00	0.000		3	3	84	85
2023/01/14	18:50:00	0.000		3	3	83	84
2023/01/14	18:52:00	0.000		3	3	83	83
2023/01/14	18:54:00	0.000		3	3	81	83
2023/01/14	18:56:00	0.000		3	3	79	82
2023/01/14	18:58:00	0.000		3	3	77	79
2023/01/14	19:00:00	0.000		3	3	76	77
2023/01/14	19:02:00	0.000		3	3	74	76
2023/01/14	19:04:00	0.000		3	3	73	74
2023/01/14	19:06:00	0.000		3	3	71	73

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/14	19:08:00		0.000	3	3	71	72	
2023/01/14	19:10:00		0.000	3	3	69	71	
2023/01/14	19:12:00		0.000	3	3	69	71	
2023/01/14	19:14:00		0.000	3	3	69	70	
2023/01/14	19:16:00		0.000	3	3	66	70	
2023/01/14	19:18:00		0.000	3	3	66	67	
2023/01/14	19:20:00		0.000	3	3	67	67	
2023/01/14	19:22:00		0.000	3	3	67	67	
2023/01/14	19:24:00		0.000	3	3	67	68	
2023/01/14	19:26:00		0.000	3	3	66	68	
2023/01/14	19:28:00		0.000	3	3	66	66	
2023/01/14	19:30:00		0.000	3	3	66	67	
2023/01/14	19:32:00		0.000	3	3	66	66	
2023/01/14	19:34:00		0.000	3	3	65	66	
2023/01/14	19:36:00		0.000	3	3	64	65	
2023/01/14	19:38:00		0.000	3	3	63	64	
2023/01/14	19:40:00		0.000	3	3	64	65	
2023/01/14	19:42:00		0.000	3	3	65	65	
2023/01/14	19:44:00		0.000	3	3	65	65	
2023/01/14	19:46:00		0.000	3	3	64	65	
2023/01/14	19:48:00		0.000	3	3	65	65	
2023/01/14	19:50:00		0.000	3	3	65	65	
2023/01/14	19:52:00		0.000	3	3	64	65	
2023/01/14	19:54:00		0.000	3	3	63	65	
2023/01/14	19:56:00		0.000	3	3	63	65	
2023/01/14	19:58:00		0.000	3	3	63	64	
2023/01/14	20:00:00		0.000	3	3	63	64	
2023/01/14	20:02:00		0.000	3	3	63	63	
2023/01/14	20:04:00		0.000	3	1200	63	63	
2023/01/14	20:06:00		0.000	3	1491	63	63	
2023/01/14	20:08:00		0.000	3	1547	63	64	
2023/01/14	20:10:00		0.000	3	993	64	65	
2023/01/14	20:12:00		0.000	3	3	63	64	
2023/01/14	20:14:00		0.000	3	1002	63	64	
2023/01/14	20:16:00		0.000	3	952	63	63	
2023/01/14	20:18:00		0.000	3	1085	63	63	
2023/01/14	20:20:00		0.000	3	1017	63	63	
2023/01/14	20:22:00		0.000	3	3	63	63	
2023/01/14	20:24:00		0.000	3	3	61	63	
2023/01/14	20:26:00		0.000	3	1115	61	62	
2023/01/14	20:28:00		0.000	3	3	61	62	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/14	20:30:00		0.000	3	3	61	61	
2023/01/14	20:32:00		0.000	3	3	60	61	
2023/01/14	20:34:00		0.000	3	3	59	60	
2023/01/14	20:36:00		0.000	3	593	59	60	
2023/01/14	20:38:00		0.000	3	3	60	61	
2023/01/14	20:40:00		0.000	3	913	61	62	
2023/01/14	20:42:00		0.000	3	3	62	63	
2023/01/14	20:44:00		0.000	3	3	62	63	
2023/01/14	20:46:00		0.000	3	3	63	63	
2023/01/14	20:48:00		0.000	3	3	63	63	
2023/01/14	20:50:00		0.000	3	3	63	63	
2023/01/14	20:52:00		0.000	3	3	63	63	
2023/01/14	20:54:00		0.000	3	3	63	63	
2023/01/14	20:56:00		0.000	3	3	61	63	
2023/01/14	20:58:00		0.000	3	3	61	62	
2023/01/14	21:00:00		0.000	3	3	61	61	
2023/01/14	21:02:00		0.000	3	3	61	63	
2023/01/14	21:04:00		0.000	3	3	62	63	
2023/01/14	21:06:00		0.000	3	3	63	63	
2023/01/14	21:08:00		0.000	3	3	62	63	
2023/01/14	21:10:00		0.000	3	3	62	63	
2023/01/14	21:12:00		0.000	3	1583	61	63	
2023/01/14	21:14:00		0.000	3	1454	60	61	
2023/01/14	21:16:00		0.000	3	3	60	61	
2023/01/14	21:18:00		0.000	3	1491	61	63	
2023/01/14	21:20:00		0.000	3	3	63	63	
2023/01/14	21:22:00		0.000	3	3	62	63	
2023/01/14	21:24:00		0.000	3	1491	62	63	
2023/01/14	21:26:00		0.000	3	3	62	63	
2023/01/14	21:28:00		0.000	3	3	62	63	
2023/01/14	21:30:00		0.000	3	3	62	63	
2023/01/14	21:32:00		0.000	3	3	61	62	
2023/01/14	21:34:00		0.000	3	3	61	61	
2023/01/14	21:36:00		0.000	3	3	61	61	
2023/01/14	21:38:00		0.000	3	3	61	61	
2023/01/14	21:40:00		0.000	3	3	61	61	
2023/01/14	21:42:00		0.000	3	3	61	61	
2023/01/14	21:44:00		0.000	3	3	61	61	
2023/01/14	21:46:00		0.000	3	3	60	61	
2023/01/14	21:48:00		0.000	3	3	60	61	
2023/01/14	21:50:00		0.000	3	3	60	61	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	21:52:00		0.000	3	3	60	61
2023/01/14	21:54:00		0.000	3	3	60	61
2023/01/14	21:56:00		0.000	3	3	60	61
2023/01/14	21:58:00		0.000	3	3	60	60
2023/01/14	22:00:00		0.000	3	3	60	60
2023/01/14	22:02:00		0.000	3	3	60	60
2023/01/14	22:04:00		0.000	3	3	60	60
2023/01/14	22:06:00		0.000	3	3	60	60
2023/01/14	22:08:00		0.000	3	3	60	60
2023/01/14	22:10:00		0.000	3	3	59	60
2023/01/14	22:12:00		0.000	3	3	59	60
2023/01/14	22:14:00		0.000	3	3	59	60
2023/01/14	22:16:00		0.000	3	3	59	60
2023/01/14	22:18:00		0.000	3	3	59	60
2023/01/14	22:20:00		0.000	3	3	59	60
2023/01/14	22:22:00		0.000	3	3	59	60
2023/01/14	22:24:00		0.000	3	3	59	59
2023/01/14	22:26:00		0.000	3	3	58	59
2023/01/14	22:28:00		0.000	3	3	59	59
2023/01/14	22:30:00		0.000	3	3	59	59
2023/01/14	22:32:00		0.000	3	3	59	59
2023/01/14	22:34:00		0.000	3	3	59	59
2023/01/14	22:36:00		0.000	3	3	58	59
2023/01/14	22:38:00		0.000	3	3	58	59
2023/01/14	22:40:00		0.000	3	3	59	59
2023/01/14	22:42:00		0.000	3	3	58	59
2023/01/14	22:44:00		0.000	3	3	58	59
2023/01/14	22:46:00		0.000	3	3	58	59
2023/01/14	22:48:00		0.000	3	3	58	59
2023/01/14	22:50:00		0.000	3	3	58	59
2023/01/14	22:52:00		0.000	3	3	58	59
2023/01/14	22:54:00		0.000	3	3	58	59
2023/01/14	22:56:00		0.000	3	3	58	59
2023/01/14	22:58:00		0.000	3	3	58	59
2023/01/14	23:00:00		0.000	3	3	58	59
2023/01/14	23:02:00		0.000	3	3	58	59
2023/01/14	23:04:00		0.000	3	3	58	59
2023/01/14	23:06:00		0.000	3	3	58	59
2023/01/14	23:08:00		0.000	3	3	58	59
2023/01/14	23:10:00		0.000	3	3	58	59
2023/01/14	23:12:00		0.000	3	3	58	58

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	23:14:00		0.000	3	3	58	58
2023/01/14	23:16:00		0.000	3	3	58	58
2023/01/14	23:18:00		0.000	3	3	58	58
2023/01/14	23:20:00		0.000	3	3	58	58
2023/01/14	23:22:00		0.000	3	3	58	58
2023/01/14	23:24:00		0.000	3	3	58	58
2023/01/14	23:26:00		0.000	3	3	58	58
2023/01/14	23:28:00		0.000	3	3	58	59
2023/01/14	23:30:00		0.000	3	3	58	58
2023/01/14	23:32:00		0.000	3	3	58	58
2023/01/14	23:34:00		0.000	3	3	58	58
2023/01/14	23:36:00		0.000	3	3	58	58
2023/01/14	23:38:00		0.000	3	3	58	58
2023/01/14	23:40:00		0.000	3	3	58	58
2023/01/14	23:42:00		0.000	3	3	58	58
2023/01/14	23:44:00		0.000	3	3	58	58
2023/01/14	23:46:00		0.000	3	3	58	58
2023/01/14	23:48:00		0.000	3	3	58	58
2023/01/14	23:50:00		0.000	3	3	58	58
2023/01/14	23:52:00		0.000	3	3	58	58
2023/01/14	23:54:00		0.000	3	3	58	58
2023/01/14	23:56:00		0.000	3	3	58	58
2023/01/14	23:58:00		0.000	3	3	58	58

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	00:00:00		0.000	3	3	58	58	
2023/01/15	00:02:00		0.000	3	3	58	58	
2023/01/15	00:04:00		0.000	3	3	58	58	
2023/01/15	00:06:00		0.000	3	3	58	58	
2023/01/15	00:08:00		0.000	3	3	57	58	
2023/01/15	00:10:00		0.000	3	3	57	58	
2023/01/15	00:12:00		0.000	3	3	57	58	
2023/01/15	00:14:00		0.000	3	3	57	58	
2023/01/15	00:16:00		0.000	3	3	57	58	
2023/01/15	00:18:00		0.000	3	3	57	58	
2023/01/15	00:20:00		0.000	3	3	58	58	
2023/01/15	00:22:00		0.000	3	3	57	58	
2023/01/15	00:24:00		0.000	3	3	57	58	
2023/01/15	00:26:00		0.000	3	3	58	58	
2023/01/15	00:28:00		0.000	3	3	57	58	
2023/01/15	00:30:00		0.000	3	3	57	58	
2023/01/15	00:32:00		0.000	3	3	57	58	
2023/01/15	00:34:00		0.000	3	3	57	58	
2023/01/15	00:36:00		0.000	3	3	57	58	
2023/01/15	00:38:00		0.000	3	3	57	58	
2023/01/15	00:40:00		0.000	3	3	57	58	
2023/01/15	00:42:00		0.000	3	3	57	58	
2023/01/15	00:44:00		0.000	3	3	57	57	
2023/01/15	00:46:00		0.000	3	3	57	58	
2023/01/15	00:48:00		0.000	3	3	57	58	
2023/01/15	00:50:00		0.000	3	3	57	58	
2023/01/15	00:52:00		0.000	3	3	57	58	
2023/01/15	00:54:00		0.000	3	3	57	58	
2023/01/15	00:56:00		0.000	3	3	57	58	
2023/01/15	00:58:00		0.000	3	3	57	57	
2023/01/15	01:00:00		0.000	3	3	57	57	
2023/01/15	01:02:00		0.000	3	3	57	57	
2023/01/15	01:04:00		0.000	3	3	57	57	
2023/01/15	01:06:00		0.000	3	3	57	57	
2023/01/15	01:08:00		0.000	3	3	57	57	
2023/01/15	01:10:00		0.000	3	3	57	57	
2023/01/15	01:12:00		0.000	3	3	57	57	
2023/01/15	01:14:00		0.000	3	3	57	57	
2023/01/15	01:16:00		0.000	3	3	57	57	
2023/01/15	01:18:00		0.000	3	3	57	57	
2023/01/15	01:20:00		0.000	3	3	57	57	



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	01:22:00		0.000	3	3	57	57	
2023/01/15	01:24:00		0.000	3	3	57	57	
2023/01/15	01:26:00		0.000	3	3	57	57	
2023/01/15	01:28:00		0.000	3	3	57	57	
2023/01/15	01:30:00		0.000	3	3	56	57	
2023/01/15	01:32:00		0.000	3	3	56	58	
2023/01/15	01:34:00		0.000	3	3	56	58	
2023/01/15	01:36:00		0.000	3	3	57	57	
2023/01/15	01:38:00		0.000	3	3	57	57	
2023/01/15	01:40:00		0.000	3	3	57	57	
2023/01/15	01:42:00		0.000	3	3	57	57	
2023/01/15	01:44:00		0.000	3	3	57	57	
2023/01/15	01:46:00		0.000	3	3	57	57	
2023/01/15	01:48:00		0.000	3	3	57	57	
2023/01/15	01:50:00		0.000	3	3	57	57	
2023/01/15	01:52:00		0.000	3	3	57	57	
2023/01/15	01:54:00		0.000	3	3	57	57	
2023/01/15	01:56:00		0.000	3	3	57	57	
2023/01/15	01:58:00		0.000	3	3	57	57	
2023/01/15	02:00:00		0.000	3	3	57	57	
2023/01/15	02:02:00		0.000	3	3	57	57	
2023/01/15	02:04:00		0.000	3	3	57	57	
2023/01/15	02:06:00		0.000	3	3	57	57	
2023/01/15	02:08:00		0.000	3	3	56	57	
2023/01/15	02:10:00		0.000	3	3	56	57	
2023/01/15	02:12:00		0.000	3	3	57	57	
2023/01/15	02:14:00		0.000	3	3	57	57	
2023/01/15	02:16:00		0.000	3	3	56	57	
2023/01/15	02:18:00		0.000	3	3	56	57	
2023/01/15	02:20:00		0.000	3	3	56	57	
2023/01/15	02:22:00		0.000	3	3	56	57	
2023/01/15	02:24:00		0.000	3	3	57	57	
2023/01/15	02:26:00		0.000	3	3	57	57	
2023/01/15	02:28:00		0.000	3	3	57	57	
2023/01/15	02:30:00		0.000	3	3	57	57	
2023/01/15	02:32:00		0.000	3	3	57	57	
2023/01/15	02:34:00		0.000	3	3	57	57	
2023/01/15	02:36:00		0.000	3	3	56	57	
2023/01/15	02:38:00		0.000	3	3	56	57	
2023/01/15	02:40:00		0.000	3	3	56	57	
2023/01/15	02:42:00		0.000	3	3	56	57	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	02:44:00		0.000	3	3	56	57	
2023/01/15	02:46:00		0.000	3	3	56	57	
2023/01/15	02:48:00		0.000	3	3	56	57	
2023/01/15	02:50:00		0.000	3	3	56	57	
2023/01/15	02:52:00		0.000	3	3	56	57	
2023/01/15	02:54:00		0.000	3	3	56	57	
2023/01/15	02:56:00		0.000	3	3	56	57	
2023/01/15	02:58:00		0.000	3	3	56	57	
2023/01/15	03:00:00		0.000	3	3	56	57	
2023/01/15	03:02:00		0.000	3	3	56	57	
2023/01/15	03:04:00		0.000	3	3	56	57	
2023/01/15	03:06:00		0.000	3	3	56	57	
2023/01/15	03:08:00		0.000	3	3	56	57	
2023/01/15	03:10:00		0.000	3	3	56	57	
2023/01/15	03:12:00		0.000	3	3	56	57	
2023/01/15	03:14:00		0.000	3	3	56	57	
2023/01/15	03:16:00		0.000	3	3	56	57	
2023/01/15	03:18:00		0.000	3	3	56	57	
2023/01/15	03:20:00		0.000	3	3	56	57	
2023/01/15	03:22:00		0.000	3	3	56	57	
2023/01/15	03:24:00		0.000	3	3	56	57	
2023/01/15	03:26:00		0.000	3	3	56	57	
2023/01/15	03:28:00		0.000	3	3	56	56	
2023/01/15	03:30:00		0.000	3	3	56	56	
2023/01/15	03:32:00		0.000	3	3	56	56	
2023/01/15	03:34:00		0.000	3	3	56	56	
2023/01/15	03:36:00		0.000	3	3	56	56	
2023/01/15	03:38:00		0.000	3	3	56	56	
2023/01/15	03:40:00		0.000	3	3	56	56	
2023/01/15	03:42:00		0.000	3	3	56	56	
2023/01/15	03:44:00		0.000	3	3	56	56	
2023/01/15	03:46:00		0.000	3	3	56	56	
2023/01/15	03:48:00		0.000	3	3	56	56	
2023/01/15	03:50:00		0.000	3	3	56	56	
2023/01/15	03:52:00		0.000	3	3	56	56	
2023/01/15	03:54:00		0.000	3	3	56	56	
2023/01/15	03:56:00		0.000	3	3	56	56	
2023/01/15	03:58:00		0.000	3	3	56	56	
2023/01/15	04:00:00		0.000	3	3	56	56	
2023/01/15	04:02:00		0.000	3	3	56	56	
2023/01/15	04:04:00		0.000	3	3	56	56	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	04:06:00		0.000	3	3	56	56
2023/01/15	04:08:00		0.000	3	3	56	56
2023/01/15	04:10:00		0.000	3	3	56	56
2023/01/15	04:12:00		0.000	3	3	56	56
2023/01/15	04:14:00		0.000	3	3	56	56
2023/01/15	04:16:00		0.000	3	3	56	56
2023/01/15	04:18:00		0.000	3	3	56	56
2023/01/15	04:20:00		0.000	3	3	56	56
2023/01/15	04:22:00		0.000	3	3	56	56
2023/01/15	04:24:00		0.000	3	3	56	56
2023/01/15	04:26:00		0.000	3	3	56	56
2023/01/15	04:28:00		0.000	3	3	56	56
2023/01/15	04:30:00		0.000	3	3	56	56
2023/01/15	04:32:00		0.000	3	3	56	56
2023/01/15	04:34:00		0.000	3	3	56	56
2023/01/15	04:36:00		0.000	3	3	56	56
2023/01/15	04:38:00		0.000	3	3	56	56
2023/01/15	04:40:00		0.000	3	3	56	56
2023/01/15	04:42:00		0.000	3	3	56	56
2023/01/15	04:44:00		0.000	3	3	56	56
2023/01/15	04:46:00		0.000	3	3	56	56
2023/01/15	04:48:00		0.000	3	3	56	56
2023/01/15	04:50:00		0.000	3	3	56	56
2023/01/15	04:52:00		0.000	3	3	56	56
2023/01/15	04:54:00		0.000	3	3	56	56
2023/01/15	04:56:00		0.000	3	3	56	56
2023/01/15	04:58:00		0.000	3	3	56	56
2023/01/15	05:00:00		0.000	3	3	56	56
2023/01/15	05:02:00		0.000	3	3	56	56
2023/01/15	05:04:00		0.000	3	3	56	56
2023/01/15	05:06:00		0.000	3	3	56	56
2023/01/15	05:08:00		0.000	3	3	56	56
2023/01/15	05:10:00		0.000	3	3	56	56
2023/01/15	05:12:00		0.000	3	3	56	56
2023/01/15	05:14:00		0.000	3	3	56	56
2023/01/15	05:16:00		0.000	3	3	56	56
2023/01/15	05:18:00		0.000	3	3	56	56
2023/01/15	05:20:00		0.000	3	3	56	56
2023/01/15	05:22:00		0.000	3	3	56	56
2023/01/15	05:24:00		0.000	3	3	56	56
2023/01/15	05:26:00		0.000	3	3	56	56

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	05:28:00		0.000	3	3	56	56	
2023/01/15	05:30:00		0.000	3	3	56	56	
2023/01/15	05:32:00		0.000	3	3	56	57	
2023/01/15	05:34:00		0.000	3	3	56	57	
2023/01/15	05:36:00		0.000	3	3	56	57	
2023/01/15	05:38:00		0.000	3	3	56	56	
2023/01/15	05:40:00		0.000	3	3	56	56	
2023/01/15	05:42:00		0.000	3	3	56	57	
2023/01/15	05:44:00		0.000	3	3	55	57	
2023/01/15	05:46:00		0.000	3	3	55	57	
2023/01/15	05:48:00		0.000	3	3	56	57	
2023/01/15	05:50:00		0.000	3	3	56	57	
2023/01/15	05:52:00		0.000	3	3	56	57	
2023/01/15	05:54:00		0.000	3	3	56	57	
2023/01/15	05:56:00		0.000	3	3	56	57	
2023/01/15	05:58:00		0.000	3	3	56	57	
2023/01/15	06:00:00		0.000	3	3	56	57	
2023/01/15	06:02:00		0.000	3	3	56	57	
2023/01/15	06:04:00		0.000	3	3	56	57	
2023/01/15	06:06:00		0.000	3	3	55	56	
2023/01/15	06:08:00		0.000	3	3	55	56	
2023/01/15	06:10:00		0.000	3	3	54	56	
2023/01/15	06:12:00		0.000	3	3	54	55	
2023/01/15	06:14:00		0.000	3	3	54	54	
2023/01/15	06:16:00		0.000	3	3	54	54	
2023/01/15	06:18:00		0.000	3	3	53	54	
2023/01/15	06:20:00		0.000	3	3	54	54	
2023/01/15	06:22:00		0.000	3	3	54	54	
2023/01/15	06:24:00		0.000	3	3	54	54	
2023/01/15	06:26:00		0.000	3	3	54	54	
2023/01/15	06:28:00		0.000	3	3	53	54	
2023/01/15	06:30:00		0.000	3	3	54	54	
2023/01/15	06:32:00		0.000	3	3	54	54	
2023/01/15	06:34:00		0.000	3	3	54	54	
2023/01/15	06:36:00		0.000	3	3	54	54	
2023/01/15	06:38:00		0.000	3	3	54	54	
2023/01/15	06:40:00		0.000	3	3	54	54	
2023/01/15	06:42:00		0.000	3	3	54	54	
2023/01/15	06:44:00		0.000	3	3	54	55	
2023/01/15	06:46:00		0.000	3	3	54	55	
2023/01/15	06:48:00		0.000	3	3	54	55	

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	06:50:00		0.000	3	3	54	55	
2023/01/15	06:52:00		0.000	3	3	54	55	
2023/01/15	06:54:00		0.000	3	3	54	55	
2023/01/15	06:56:00		0.000	3	3	54	55	
2023/01/15	06:58:00		0.000	3	1525	54	55	
2023/01/15	07:00:00		0.000	3	3	55	55	
2023/01/15	07:02:00		0.000	3	3	55	55	
2023/01/15	07:04:00		0.000	3	3	55	55	
2023/01/15	07:06:00		0.000	3	3	55	55	
2023/01/15	07:08:00		0.000	3	3	55	55	
2023/01/15	07:10:00		0.000	3	3	55	55	
2023/01/15	07:12:00		0.000	3	3	55	55	
2023/01/15	07:14:00		0.000	3	3	55	55	
2023/01/15	07:16:00		0.000	3	3	55	55	
2023/01/15	07:18:00		0.000	3	3	55	55	
2023/01/15	07:20:00		0.000	3	3	55	55	
2023/01/15	07:22:00		0.000	3	3	54	55	
2023/01/15	07:24:00		0.000	3	3	53	54	
2023/01/15	07:26:00		0.000	3	2453	53	961	
2023/01/15	07:28:00		0.000	2188	2361	961	1603	
2023/01/15	07:30:00		0.000	2162	2200	1556	1594	
2023/01/15	07:32:00		0.000	2161	2186	1568	1642	
2023/01/15	07:34:00		0.000	2154	2192	1575	1604	
2023/01/15	07:36:00		0.000	2144	2172	1596	1653	
2023/01/15	07:38:00		0.000	2136	2163	1615	1645	
2023/01/15	07:40:00		0.000	2093	2137	1593	1618	
2023/01/15	07:42:00		0.000	2048	2096	1537	1604	
2023/01/15	07:44:00		0.000	2035	2066	1539	1580	
2023/01/15	07:46:00		0.000	1956	2043	1515	1573	
2023/01/15	07:48:00		0.000	1928	1980	1446	1515	
2023/01/15	07:50:00		0.000	1965	2001	1473	1510	
2023/01/15	07:52:00		0.000	1972	2024	1499	1510	
2023/01/15	07:54:00		0.000	1925	1976	1475	1556	
2023/01/15	07:56:00		0.000	1943	1981	1556	1577	
2023/01/15	07:58:00		0.000	1974	2012	1510	1557	
2023/01/15	08:00:00		0.000	1991	2037	1551	1572	
2023/01/15	08:02:00		0.000	2004	2042	1540	1566	
2023/01/15	08:04:00		0.000	2016	2056	1494	1540	
2023/01/15	08:06:00		0.000	1993	2071	1494	1541	
2023/01/15	08:08:00		0.000	1945	1997	1515	1553	
2023/01/15	08:10:00		0.000	1931	1981	1547	1601	

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	08:12:00		0.000	1970	2018	1488	1587
2023/01/15	08:14:00		0.000	2016	2060	1492	1616
2023/01/15	08:16:00		0.000	2029	2063	1552	1623
2023/01/15	08:18:00		0.000	2041	2102	1545	1570
2023/01/15	08:20:00		0.000	2082	2122	1464	1559
2023/01/15	08:22:00		0.000	2070	2105	1457	1617
2023/01/15	08:24:00		0.000	2061	2092	1574	1613
2023/01/15	08:26:00		0.000	2060	2091	1533	1612
2023/01/15	08:28:00		0.000	2066	2100	1516	1557
2023/01/15	08:30:00		0.000	2061	2100	1524	1604
2023/01/15	08:32:00		0.000	2021	2063	1523	1566
2023/01/15	08:34:00		0.000	2045	2085	1522	1545
2023/01/15	08:36:00		0.000	2064	2094	1530	1591
2023/01/15	08:38:00		0.000	2067	2091	1522	1550
2023/01/15	08:40:00		0.000	2038	2079	1492	1535
2023/01/15	08:42:00		0.000	1959	2022	1483	1508
2023/01/15	08:44:00		0.000	1896	1969	1470	1504
2023/01/15	08:46:00		0.000	1887	1916	1470	1518
2023/01/15	08:48:00		0.000	1896	1921	1518	1553
2023/01/15	08:50:00		0.000	1901	1926	1516	1553
2023/01/15	08:52:00		0.000	1905	1931	1548	1584
2023/01/15	08:54:00		0.000	1890	1921	1480	1585
2023/01/15	08:56:00		0.000	1874	1902	1475	1593
2023/01/15	08:58:00		0.000	1854	1886	1543	1598
2023/01/15	09:00:00		0.000	1836	1868	1531	1566
2023/01/15	09:02:00		0.000	1823	1852	1485	1545
2023/01/15	09:04:00		0.000	1826	1848	1502	1545
2023/01/15	09:06:00		0.000	1816	1839	1525	1557
2023/01/15	09:08:00		0.000	1806	1829	1514	1548
2023/01/15	09:10:00		0.000	1810	1834	1496	1551
2023/01/15	09:12:00		0.000	1819	1860	1551	1580
2023/01/15	09:14:00		0.000	1844	1873	1558	1602
2023/01/15	09:16:00		0.000	1839	1873	1534	1600
2023/01/15	09:18:00		0.000	1823	1854	1531	1547
2023/01/15	09:20:00		0.000	1818	1841	1521	1542
2023/01/15	09:22:00		0.000	1826	1856	1510	1569
2023/01/15	09:24:00		0.000	1839	1865	1552	1580
2023/01/15	09:26:00		0.000	1850	1872	1531	1582
2023/01/15	09:28:00		0.000	1854	1871	1518	1582
2023/01/15	09:30:00		0.000	1842	1870	1528	1581
2023/01/15	09:32:00		0.000	1839	1862	1496	1533

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	09:34:00		0.000	1808	1858	1473	1510
2023/01/15	09:36:00		0.000	1806	1832	1506	1588
2023/01/15	09:38:00		0.000	1797	1822	1586	1603
2023/01/15	09:40:00		0.000	1777	1820	1490	1598
2023/01/15	09:42:00		0.000	1775	1791	1481	1495
2023/01/15	09:44:00		0.000	1769	1790	1495	1533
2023/01/15	09:46:00		0.000	1772	1795	1533	1585
2023/01/15	09:48:00		0.000	1776	1797	1550	1589
2023/01/15	09:50:00		0.000	1777	1798	1556	1591
2023/01/15	09:52:00		0.000	1773	1798	1545	1570
2023/01/15	09:54:00		0.000	1775	1796	1481	1553
2023/01/15	09:56:00		0.000	1752	1788	1495	1516
2023/01/15	09:58:00		0.000	1749	1775	1484	1513
2023/01/15	10:00:00		0.000	1755	1780	1499	1557
2023/01/15	10:02:00		0.000	1765	1791	1557	1576
2023/01/15	10:04:00		0.000	1765	1790	1568	1596
2023/01/15	10:06:00		0.000	1757	1783	1524	1574
2023/01/15	10:08:00		0.000	1734	1771	1533	1573
2023/01/15	10:10:00		0.000	1717	1743	1448	1533
2023/01/15	10:12:00		0.000	1700	1725	1499	1555
2023/01/15	10:14:00		0.000	1695	1718	1542	1560
2023/01/15	10:16:00		0.000	1703	1730	1539	1568
2023/01/15	10:18:00		0.000	1713	1732	1543	1589
2023/01/15	10:20:00		0.000	1724	1750	1557	1591
2023/01/15	10:22:00		0.000	1729	1760	1532	1559
2023/01/15	10:24:00		0.000	1744	1763	1504	1532
2023/01/15	10:26:00		0.000	1744	1765	1505	1528
2023/01/15	10:28:00		0.000	1745	1769	1524	1563
2023/01/15	10:30:00		0.000	1742	1763	1532	1563
2023/01/15	10:32:00		0.000	1732	1764	1504	1539
2023/01/15	10:34:00		0.000	1732	1751	1539	1571
2023/01/15	10:36:00		0.000	1732	1759	1548	1567
2023/01/15	10:38:00		0.000	1745	1765	1544	1572
2023/01/15	10:40:00		0.000	1751	1774	1541	1553
2023/01/15	10:42:00		0.000	1751	1769	1539	1578
2023/01/15	10:44:00		0.000	1751	1771	1495	1539
2023/01/15	10:46:00		0.000	1745	1765	1496	1562
2023/01/15	10:48:00		0.000	1743	1762	1508	1541
2023/01/15	10:50:00		0.000	1738	1760	1528	1537
2023/01/15	10:52:00		0.000	1732	1754	1520	1533
2023/01/15	10:54:00		0.000	1727	1751	1510	1528

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/15	10:56:00		0.000	1725	1747	1524	1553
2023/01/15	10:58:00		0.000	1732	1755	1551	1566
2023/01/15	11:00:00		0.000	1736	1762	1558	1605
2023/01/15	11:02:00		0.000	1746	1765	1556	1569
2023/01/15	11:04:00		0.000	1739	1765	1543	1586
2023/01/15	11:06:00		0.000	1728	1757	1497	1543
2023/01/15	11:08:00		0.000	1722	1745	1497	1537
2023/01/15	11:10:00		0.000	1725	1748	1504	1537
2023/01/15	11:12:00		0.000	1736	1761	1520	1584
2023/01/15	11:14:00		0.000	1728	1758	1569	1596
2023/01/15	11:16:00		0.000	1715	1743	1528	1569
2023/01/15	11:18:00		0.000	1685	1726	1518	1545
2023/01/15	11:20:00		0.000	1681	1699	1474	1545
2023/01/15	11:22:00		0.000	1681	1701	1474	1500
2023/01/15	11:24:00		0.000	1688	1716	1490	1573
2023/01/15	11:26:00		0.000	1695	1718	1549	1582
2023/01/15	11:28:00		0.000	1673	1705	1547	1572
2023/01/15	11:30:00		0.000	1674	1693	1524	1566
2023/01/15	11:32:00		0.000	1676	1709	1520	1546
2023/01/15	11:34:00		0.000	1699	1729	1519	1527
2023/01/15	11:36:00		0.000	1715	1745	1522	1576
2023/01/15	11:38:00		0.000	1729	1751	1560	1580
2023/01/15	11:40:00		0.000	1728	1747	1561	1574
2023/01/15	11:42:00		0.000	1719	1749	1561	1580
2023/01/15	11:44:00		0.000	1718	1736	1535	1568
2023/01/15	11:46:00		0.000	1710	1736	1518	1547
2023/01/15	11:48:00		0.000	1708	1737	1523	1541
2023/01/15	11:50:00		0.000	1716	1732	1522	1534
2023/01/15	11:52:00		0.000	1710	1732	1521	1540
2023/01/15	11:54:00		0.000	1720	1739	1518	1546
2023/01/15	11:56:00		0.000	1726	1746	1518	1586
2023/01/15	11:58:00		0.000	1725	1747	1548	1593
2023/01/15	12:00:00		0.000	1714	1737	1519	1569
2023/01/15	12:02:00		0.000	1709	1732	1508	1535
2023/01/15	12:04:00		0.000	1706	1725	1498	1524
2023/01/15	12:06:00		0.000	1707	1726	1507	1570
2023/01/15	12:08:00		0.000	1709	1729	1541	1562
2023/01/15	12:10:00		0.000	1699	1732	1526	1550
2023/01/15	12:12:00		0.000	1703	1721	1531	1554
2023/01/15	12:14:00		0.000	1707	1732	1483	1531
2023/01/15	12:16:00		0.000	1713	1729	1498	1554



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	12:18:00		0.000	1713	1734	1553	1609
2023/01/15	12:20:00		0.000	1717	1736	1566	1601
2023/01/15	12:22:00		0.000	1705	1738	1552	1570
2023/01/15	12:24:00		0.000	1678	1714	1531	1563
2023/01/15	12:26:00		0.000	1668	1690	1502	1531
2023/01/15	12:28:00		0.000	1655	1681	1503	1534
2023/01/15	12:30:00		0.000	1653	1674	1524	1545
2023/01/15	12:32:00		0.000	1645	1668	1522	1539
2023/01/15	12:34:00		0.000	1642	1662	1514	1533
2023/01/15	12:36:00		0.000	1636	1655	1511	1528
2023/01/15	12:38:00		0.000	1630	1653	1497	1535
2023/01/15	12:40:00		0.000	1629	1661	1502	1593
2023/01/15	12:42:00		0.000	1645	1674	1577	1599
2023/01/15	12:44:00		0.000	1654	1681	1570	1599
2023/01/15	12:46:00		0.000	1671	1693	1577	1596
2023/01/15	12:48:00		0.000	1675	1704	1515	1582
2023/01/15	12:50:00		0.000	1686	1708	1512	1543
2023/01/15	12:52:00		0.000	1690	1716	1500	1543
2023/01/15	12:54:00		0.000	1686	1707	1520	1541
2023/01/15	12:56:00		0.000	1674	1692	1479	1545
2023/01/15	12:58:00		0.000	1665	1686	1482	1546
2023/01/15	13:00:00		0.000	1661	1690	1546	1574
2023/01/15	13:02:00		0.000	1663	1694	1530	1566
2023/01/15	13:04:00		0.000	1674	1698	1537	1549
2023/01/15	13:06:00		0.000	1675	1696	1496	1550
2023/01/15	13:08:00		0.000	1670	1692	1485	1529
2023/01/15	13:10:00		0.000	1664	1692	1527	1644
2023/01/15	13:12:00		0.000	1670	1692	1527	1642
2023/01/15	13:14:00		0.000	1670	1687	1525	1556
2023/01/15	13:16:00		0.000	1660	1686	1536	1558
2023/01/15	13:18:00		0.000	1660	1682	1480	1542
2023/01/15	13:20:00		0.000	1659	1680	1479	1530
2023/01/15	13:22:00		0.000	1666	1687	1528	1557
2023/01/15	13:24:00		0.000	1664	1694	1557	1596
2023/01/15	13:26:00		0.000	1673	1692	1555	1576
2023/01/15	13:28:00		0.000	1672	1697	1545	1564
2023/01/15	13:30:00		0.000	1684	1703	1546	1582
2023/01/15	13:32:00		0.000	1691	1709	1528	1578
2023/01/15	13:34:00		0.000	1664	1708	1515	1539
2023/01/15	13:36:00		0.000	1633	1671	1467	1515
2023/01/15	13:38:00		0.000	1619	1644	1482	1509

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	13:40:00		0.000	1609	1630	1509	1537
2023/01/15	13:42:00		0.000	1601	1632	1516	1539
2023/01/15	13:44:00		0.000	1609	1626	1539	1558
2023/01/15	13:46:00		0.000	1605	1629	1539	1566
2023/01/15	13:48:00		0.000	1604	1627	1553	1588
2023/01/15	13:50:00		0.000	1613	1637	1533	1560
2023/01/15	13:52:00		0.000	1626	1644	1560	1622
2023/01/15	13:54:00		0.000	1630	1652	1523	1622
2023/01/15	13:56:00		0.000	1637	1664	1528	1584
2023/01/15	13:58:00		0.000	1650	1670	1549	1593
2023/01/15	14:00:00		0.000	1649	1670	1551	1572
2023/01/15	14:02:00		0.000	1649	1671	1515	1557
2023/01/15	14:04:00		0.000	1649	1668	1501	1525
2023/01/15	14:06:00		0.000	1649	1672	1525	1561
2023/01/15	14:08:00		0.000	1647	1674	1560	1572
2023/01/15	14:10:00		0.000	1652	1675	1526	1576
2023/01/15	14:12:00		0.000	1654	1674	1523	1554
2023/01/15	14:14:00		0.000	1654	1675	1533	1554
2023/01/15	14:16:00		0.000	1654	1674	1523	1558
2023/01/15	14:18:00		0.000	1654	1672	1516	1549
2023/01/15	14:20:00		0.000	1649	1670	1498	1528
2023/01/15	14:22:00		0.000	1649	1666	1507	1529
2023/01/15	14:24:00		0.000	1641	1660	1526	1566
2023/01/15	14:26:00		0.000	1639	1659	1543	1568
2023/01/15	14:28:00		0.000	1630	1654	1525	1560
2023/01/15	14:30:00		0.000	1632	1652	1525	1576
2023/01/15	14:32:00		0.000	1627	1647	1512	1576
2023/01/15	14:34:00		0.000	1624	1644	1513	1528
2023/01/15	14:36:00		0.000	1625	1649	1523	1546
2023/01/15	14:38:00		0.000	1630	1652	1535	1550
2023/01/15	14:40:00		0.000	1639	1664	1512	1538
2023/01/15	14:42:00		0.000	1651	1681	1528	1554
2023/01/15	14:44:00		0.000	1633	1670	1551	1570
2023/01/15	14:46:00		0.000	1613	1646	1512	1558
2023/01/15	14:48:00		0.000	1597	1625	1494	1512
2023/01/15	14:50:00		0.000	1578	1605	1506	1530
2023/01/15	14:52:00		0.000	1582	1603	1520	1545
2023/01/15	14:54:00		0.000	1584	1612	1526	1548
2023/01/15	14:56:00		0.000	1590	1615	1547	1560
2023/01/15	14:58:00		0.000	1599	1624	1554	1581
2023/01/15	15:00:00		0.000	1602	1630	1547	1576

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/15	15:02:00		0.000	1605	1629	1535	1578
2023/01/15	15:04:00		0.000	1608	1630	1516	1539
2023/01/15	15:06:00		0.000	1611	1636	1500	1536
2023/01/15	15:08:00		0.000	1613	1638	1494	1547
2023/01/15	15:10:00		0.000	1617	1641	1547	1584
2023/01/15	15:12:00		0.000	1625	1650	1557	1570
2023/01/15	15:14:00		0.000	1631	1653	1551	1563
2023/01/15	15:16:00		0.000	1636	1660	1562	1594
2023/01/15	15:18:00		0.000	1640	1659	1505	1609
2023/01/15	15:20:00		0.000	1637	1659	1496	1516
2023/01/15	15:22:00		0.000	1632	1655	1504	1564
2023/01/15	15:24:00		0.000	1622	1652	1485	1572
2023/01/15	15:26:00		0.000	1619	1641	1464	1542
2023/01/15	15:28:00		0.000	1611	1639	1542	1577
2023/01/15	15:30:00		0.000	1612	1632	1569	1583
2023/01/15	15:32:00		0.000	1608	1626	1543	1582
2023/01/15	15:34:00		0.000	1601	1626	1505	1543
2023/01/15	15:36:00		0.000	1607	1626	1494	1531
2023/01/15	15:38:00		0.000	1608	1625	1531	1556
2023/01/15	15:40:00		0.000	1608	1625	1556	1564
2023/01/15	15:42:00		0.000	1607	1624	1561	1572
2023/01/15	15:44:00		0.000	1608	1631	1557	1568
2023/01/15	15:46:00		0.000	1611	1630	1547	1567
2023/01/15	15:48:00		0.000	1608	1633	1531	1574
2023/01/15	15:50:00		0.000	1615	1638	1501	1574
2023/01/15	15:52:00		0.000	1623	1645	1505	1547
2023/01/15	15:54:00		0.000	1608	1641	1528	1549
2023/01/15	15:56:00		0.000	1597	1629	1516	1550
2023/01/15	15:58:00		0.000	1579	1619	1508	1522
2023/01/15	16:00:00		0.000	1570	1593	1500	1539
2023/01/15	16:02:00		0.000	1561	1589	1501	1553
2023/01/15	16:04:00		0.000	1541	1578	1539	1554
2023/01/15	16:06:00		0.000	1545	1570	1507	1554
2023/01/15	16:08:00		0.000	1549	1573	1508	1525
2023/01/15	16:10:00		0.000	1553	1580	1525	1540
2023/01/15	16:12:00		0.000	1564	1597	1523	1572
2023/01/15	16:14:00		0.000	1574	1597	1572	1594
2023/01/15	16:16:00		0.000	1585	1609	1539	1588
2023/01/15	16:18:00		0.000	1589	1619	1539	1580
2023/01/15	16:20:00		0.000	1599	1623	1566	1579
2023/01/15	16:22:00		0.000	1600	1619	1530	1572

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	16:24:00		0.000	1597	1619	1520	1530
2023/01/15	16:26:00		0.000	1604	1622	1459	1527
2023/01/15	16:28:00		0.000	1599	1626	1492	1531
2023/01/15	16:30:00		0.000	1601	1629	1525	1569
2023/01/15	16:32:00		0.000	1605	1634	1568	1588
2023/01/15	16:34:00		0.000	1611	1636	1572	1595
2023/01/15	16:36:00		0.000	1609	1636	1558	1582
2023/01/15	16:38:00		0.000	1613	1636	1523	1558
2023/01/15	16:40:00		0.000	1613	1637	1522	1542
2023/01/15	16:42:00		0.000	1606	1632	1523	1540
2023/01/15	16:44:00		0.000	1597	1623	1506	1535
2023/01/15	16:46:00		0.000	1593	1617	1514	1527
2023/01/15	16:48:00		0.000	1593	1619	1521	1534
2023/01/15	16:50:00		0.000	1598	1619	1533	1556
2023/01/15	16:52:00		0.000	1597	1630	1547	1564
2023/01/15	16:54:00		0.000	1602	1625	1543	1553
2023/01/15	16:56:00		0.000	1597	1629	1553	1567
2023/01/15	16:58:00		0.000	1599	1623	1548	1561
2023/01/15	17:00:00		0.000	1607	1630	1521	1552
2023/01/15	17:02:00		0.000	1609	1640	1524	1553
2023/01/15	17:04:00		0.000	1601	1633	1535	1564
2023/01/15	17:06:00		0.000	1587	1611	1514	1535
2023/01/15	17:08:00		0.000	1574	1603	1497	1514
2023/01/15	17:10:00		0.000	1563	1591	1497	1516
2023/01/15	17:12:00		0.000	1557	1581	1513	1534
2023/01/15	17:14:00		0.000	1549	1576	1533	1556
2023/01/15	17:16:00		0.000	1550	1574	1534	1558
2023/01/15	17:18:00		0.000	1549	1570	1514	1537
2023/01/15	17:20:00		0.000	1543	1571	1537	1577
2023/01/15	17:22:00		0.000	1552	1584	1565	1597
2023/01/15	17:24:00		0.000	1565	1594	1549	1565
2023/01/15	17:26:00		0.000	1578	1617	1556	1580
2023/01/15	17:28:00		0.000	1597	1629	1560	1578
2023/01/15	17:30:00		0.000	1607	1630	1532	1560
2023/01/15	17:32:00		0.000	1599	1625	1542	1573
2023/01/15	17:34:00		0.000	1594	1619	1535	1553
2023/01/15	17:36:00		0.000	1590	1615	1533	1542
2023/01/15	17:38:00		0.000	1593	1627	1510	1534
2023/01/15	17:40:00		0.000	1601	1625	1512	1523
2023/01/15	17:42:00		0.000	1600	1626	1520	1538
2023/01/15	17:44:00		0.000	1600	1621	1533	1541

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	17:46:00	0.000		1603	1626	1529	1545
2023/01/15	17:48:00	0.000		1603	1622	1534	1559
2023/01/15	17:50:00	0.000		1599	1622	1546	1556
2023/01/15	17:52:00	0.000		1600	1623	1531	1546
2023/01/15	17:54:00	0.000		1605	1630	1533	1574
2023/01/15	17:56:00	0.000		1601	1632	1556	1577
2023/01/15	17:58:00	0.000		1605	1633	1537	1567
2023/01/15	18:00:00	0.000		1620	1637	1518	1564
2023/01/15	18:02:00	0.000		1616	1638	1516	1547
2023/01/15	18:04:00	0.000		1615	1644	1545	1554
2023/01/15	18:06:00	0.000		1617	1641	1528	1553
2023/01/15	18:08:00	0.000		1616	1638	1528	1566
2023/01/15	18:10:00	0.000		1613	1637	1548	1566
2023/01/15	18:12:00	0.000		1615	1637	1522	1550
2023/01/15	18:14:00	0.000		1592	1630	1520	1537
2023/01/15	18:16:00	0.000		1574	1597	1501	1545
2023/01/15	18:18:00	0.000		1553	1582	1499	1527
2023/01/15	18:20:00	0.000		1541	1574	1510	1528
2023/01/15	18:22:00	0.000		1550	1578	1523	1565
2023/01/15	18:24:00	0.000		1560	1587	1565	1592
2023/01/15	18:26:00	0.000		1566	1597	1554	1592
2023/01/15	18:28:00	0.000		1560	1593	1545	1563
2023/01/15	18:30:00	0.000		1550	1583	1515	1547
2023/01/15	18:32:00	0.000		1549	1582	1531	1542
2023/01/15	18:34:00	0.000		1565	1605	1527	1549
2023/01/15	18:36:00	0.000		1576	1626	1549	1588
2023/01/15	18:38:00	0.000		1604	1636	1549	1566
2023/01/15	18:40:00	0.000		1590	1623	1545	1580
2023/01/15	18:42:00	0.000		1576	1609	1535	1545
2023/01/15	18:44:00	0.000		1592	1625	1515	1535
2023/01/15	18:46:00	0.000		1608	1633	1485	1539
2023/01/15	18:48:00	0.000		1615	1637	1539	1566
2023/01/15	18:50:00	0.000		1604	1633	1544	1566
2023/01/15	18:52:00	0.000		1600	1626	1495	1544
2023/01/15	18:54:00	0.000		1599	1621	1520	1570
2023/01/15	18:56:00	0.000		1591	1618	1570	1595
2023/01/15	18:58:00	0.000		1596	1616	1515	1582
2023/01/15	19:00:00	0.000		1596	1619	1515	1580
2023/01/15	19:02:00	0.000		1597	1618	1515	1574
2023/01/15	19:04:00	0.000		1594	1620	1488	1531
2023/01/15	19:06:00	0.000		1597	1622	1501	1558

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		1	1
			SCFM MIN	1 MAX	Deg. F MIN	MAX		
2023/01/15	19:08:00		0.000	1597	1622	1552	1592	
2023/01/15	19:10:00		0.000	1596	1624	1497	1568	
2023/01/15	19:12:00		0.000	1600	1629	1496	1549	
2023/01/15	19:14:00		0.000	1601	1626	1536	1551	
2023/01/15	19:16:00		0.000	1601	1626	1536	1551	
2023/01/15	19:18:00		0.000	1607	1630	1520	1549	
2023/01/15	19:20:00		0.000	1604	1636	1534	1558	
2023/01/15	19:22:00		0.000	1617	1642	1512	1551	
2023/01/15	19:24:00		0.000	1599	1633	1512	1547	
2023/01/15	19:26:00		0.000	1574	1619	1517	1544	
2023/01/15	19:28:00		0.000	1557	1585	1504	1534	
2023/01/15	19:30:00		0.000	1541	1571	1502	1531	
2023/01/15	19:32:00		0.000	1531	1556	1510	1556	
2023/01/15	19:34:00		0.000	1526	1565	1550	1579	
2023/01/15	19:36:00		0.000	1527	1569	1545	1569	
2023/01/15	19:38:00		0.000	1545	1571	1560	1588	
2023/01/15	19:40:00		0.000	1536	1577	1533	1560	
2023/01/15	19:42:00		0.000	1556	1583	1508	1546	
2023/01/15	19:44:00		0.000	1559	1595	1505	1561	
2023/01/15	19:46:00		0.000	1569	1603	1549	1564	
2023/01/15	19:48:00		0.000	1578	1615	1553	1585	
2023/01/15	19:50:00		0.000	1594	1625	1560	1576	
2023/01/15	19:52:00		0.000	1593	1619	1537	1574	
2023/01/15	19:54:00		0.000	1594	1622	1483	1537	
2023/01/15	19:56:00		0.000	1594	1622	1490	1558	
2023/01/15	19:58:00		0.000	1597	1626	1512	1566	
2023/01/15	20:00:00		0.000	1605	1626	1508	1569	
2023/01/15	20:02:00		0.000	1604	1630	1537	1576	
2023/01/15	20:04:00		0.000	1608	1633	1497	1581	
2023/01/15	20:06:00		0.000	1607	1633	1494	1533	
2023/01/15	20:08:00		0.000	1605	1628	1495	1537	
2023/01/15	20:10:00		0.000	1606	1633	1510	1569	
2023/01/15	20:12:00		0.000	1605	1633	1510	1542	
2023/01/15	20:14:00		0.000	1603	1629	1520	1547	
2023/01/15	20:16:00		0.000	1592	1621	1547	1597	
2023/01/15	20:18:00		0.000	1597	1623	1569	1598	
2023/01/15	20:20:00		0.000	1589	1613	1543	1580	
2023/01/15	20:22:00		0.000	3	1732	1150	1553	
2023/01/15	20:24:00		0.000	3	3	617	1150	
2023/01/15	20:26:00		0.000	3	3	413	617	
2023/01/15	20:28:00		0.000	3	3	306	413	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	20:30:00		0.000	3	3	249	306
2023/01/15	20:32:00		0.000	3	3	206	249
2023/01/15	20:34:00		0.000	3	3	172	206
2023/01/15	20:36:00		0.000	3	3	147	172
2023/01/15	20:38:00		0.000	3	3	136	147
2023/01/15	20:40:00		0.000	3	3	127	136
2023/01/15	20:42:00		0.000	3	3	114	127
2023/01/15	20:44:00		0.000	3	3	112	115
2023/01/15	20:46:00		0.000	3	3	106	112
2023/01/15	20:48:00		0.000	3	3	102	106
2023/01/15	20:50:00		0.000	3	3	98	102
2023/01/15	20:52:00		0.000	3	3	95	98
2023/01/15	20:54:00		0.000	3	3	86	95
2023/01/15	20:56:00		0.000	3	3	71	86
2023/01/15	20:58:00		0.000	3	3	67	71
2023/01/15	21:00:00		0.000	3	3	66	67
2023/01/15	21:02:00		0.000	3	3	64	66
2023/01/15	21:04:00		0.000	3	3	63	64
2023/01/15	21:06:00		0.000	3	3	63	64
2023/01/15	21:08:00		0.000	3	3	63	63
2023/01/15	21:10:00		0.000	3	3	62	63
2023/01/15	21:12:00		0.000	3	3	61	62
2023/01/15	21:14:00		0.000	3	3	61	61
2023/01/15	21:16:00		0.000	3	3	61	61
2023/01/15	21:18:00		0.000	3	3	60	61
2023/01/15	21:20:00		0.000	3	3	60	60
2023/01/15	21:22:00		0.000	3	3	59	60
2023/01/15	21:24:00		0.000	3	3	58	60
2023/01/15	21:26:00		0.000	3	3	58	59
2023/01/15	21:28:00		0.000	3	3	58	59
2023/01/15	21:30:00		0.000	3	3	58	59
2023/01/15	21:32:00		0.000	3	3	56	58
2023/01/15	21:34:00		0.000	3	3	56	57
2023/01/15	21:36:00		0.000	3	3	57	57
2023/01/15	21:38:00		0.000	3	3	56	57
2023/01/15	21:40:00		0.000	3	3	55	57
2023/01/15	21:42:00		0.000	3	3	55	57
2023/01/15	21:44:00		0.000	3	3	55	56
2023/01/15	21:46:00		0.000	3	3	55	56
2023/01/15	21:48:00		0.000	3	3	55	56
2023/01/15	21:50:00		0.000	3	3	55	56

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	21:52:00		0.000	3	3	55	55	
2023/01/15	21:54:00		0.000	3	3	55	55	
2023/01/15	21:56:00		0.000	3	3	55	55	
2023/01/15	21:58:00		0.000	3	3	54	55	
2023/01/15	22:00:00		0.000	3	3	54	55	
2023/01/15	22:02:00		0.000	3	3	53	54	
2023/01/15	22:04:00		0.000	3	3	53	54	
2023/01/15	22:06:00		0.000	3	3	54	54	
2023/01/15	22:08:00		0.000	3	3	52	54	
2023/01/15	22:10:00		0.000	3	3	52	52	
2023/01/15	22:12:00		0.000	3	3	52	53	
2023/01/15	22:14:00		0.000	3	3	52	53	
2023/01/15	22:16:00		0.000	3	3	52	52	
2023/01/15	22:18:00		0.000	3	3	52	52	
2023/01/15	22:20:00		0.000	3	3	52	53	
2023/01/15	22:22:00		0.000	3	3	52	52	
2023/01/15	22:24:00		0.000	3	3	52	53	
2023/01/15	22:26:00		0.000	3	3	52	52	
2023/01/15	22:28:00		0.000	3	3	52	52	
2023/01/15	22:30:00		0.000	3	3	52	52	
2023/01/15	22:32:00		0.000	3	3	51	52	
2023/01/15	22:34:00		0.000	3	3	52	52	
2023/01/15	22:36:00		0.000	3	3	52	52	
2023/01/15	22:38:00		0.000	3	3	51	52	
2023/01/15	22:40:00		0.000	3	3	52	52	
2023/01/15	22:42:00		0.000	3	3	51	52	
2023/01/15	22:44:00		0.000	3	3	52	52	
2023/01/15	22:46:00		0.000	3	3	52	52	
2023/01/15	22:48:00		0.000	3	3	52	52	
2023/01/15	22:50:00		0.000	3	3	52	52	
2023/01/15	22:52:00		0.000	3	3	51	52	
2023/01/15	22:54:00		0.000	3	3	51	52	
2023/01/15	22:56:00		0.000	3	3	50	52	
2023/01/15	22:58:00		0.000	3	3	50	51	
2023/01/15	23:00:00		0.000	3	844	51	52	
2023/01/15	23:02:00		0.000	3	3	52	52	
2023/01/15	23:04:00		0.000	3	3	52	53	
2023/01/15	23:06:00		0.000	3	3	52	52	
2023/01/15	23:08:00		0.000	3	3	52	52	
2023/01/15	23:10:00		0.000	3	3	52	52	
2023/01/15	23:12:00		0.000	3	3	51	52	



**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-7**

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	23:14:00		0.000	3	3	51	52	
2023/01/15	23:16:00		0.000	3	3	50	51	
2023/01/15	23:18:00		0.000	3	3	50	51	
2023/01/15	23:20:00		0.000	3	3	51	51	
2023/01/15	23:22:00		0.000	3	3	51	51	
2023/01/15	23:24:00		0.000	3	3	50	51	
2023/01/15	23:26:00		0.000	3	3	51	52	
2023/01/15	23:28:00		0.000	3	3	50	51	
2023/01/15	23:30:00		0.000	3	3	50	51	
2023/01/15	23:32:00		0.000	3	3	50	50	
2023/01/15	23:34:00		0.000	3	3	50	50	
2023/01/15	23:36:00		0.000	3	3	50	50	
2023/01/15	23:38:00		0.000	3	3	50	50	
2023/01/15	23:40:00		0.000	3	3	50	51	
2023/01/15	23:42:00		0.000	3	3	50	51	
2023/01/15	23:44:00		0.000	3	3	50	51	
2023/01/15	23:46:00		0.000	3	3	50	50	
2023/01/15	23:48:00		0.000	3	3	50	50	
2023/01/15	23:50:00		0.000	3	3	50	50	
2023/01/15	23:52:00		0.000	3	3	50	50	
2023/01/15	23:54:00		0.000	3	3	50	50	
2023/01/15	23:56:00		0.000	3	3	50	50	
2023/01/15	23:58:00		0.000	3	3	50	50	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/16	00:00:00		0.000	3	3	50	50	
2023/01/16	00:02:00		0.000	3	3	50	50	
2023/01/16	00:04:00		0.000	3	3	50	50	
2023/01/16	00:06:00		0.000	3	3	50	50	
2023/01/16	00:08:00		0.000	3	3	50	50	
2023/01/16	00:10:00		0.000	3	3	50	50	
2023/01/16	00:12:00		0.000	3	3	50	51	
2023/01/16	00:14:00		0.000	3	3	50	51	
2023/01/16	00:16:00		0.000	3	3	50	51	
2023/01/16	00:18:00		0.000	3	3	50	51	
2023/01/16	00:20:00		0.000	3	3	50	50	
2023/01/16	00:22:00		0.000	3	3	50	50	
2023/01/16	00:24:00		0.000	3	3	50	50	
2023/01/16	00:26:00		0.000	3	3	50	50	
2023/01/16	00:28:00		0.000	3	3	50	50	
2023/01/16	00:30:00		0.000	3	3	50	50	
2023/01/16	00:32:00		0.000	3	3	50	50	
2023/01/16	00:34:00		0.000	3	3	50	50	
2023/01/16	00:36:00		0.000	3	3	50	50	
2023/01/16	00:38:00		0.000	3	3	50	50	
2023/01/16	00:40:00		0.000	3	3	50	50	
2023/01/16	00:42:00		0.000	3	3	50	50	
2023/01/16	00:44:00		0.000	3	3	50	50	
2023/01/16	00:46:00		0.000	3	3	50	50	
2023/01/16	00:48:00		0.000	3	3	50	50	
2023/01/16	00:50:00		0.000	3	3	50	50	
2023/01/16	00:52:00		0.000	3	3	50	50	
2023/01/16	00:54:00		0.000	3	3	50	50	
2023/01/16	00:56:00		0.000	3	3	50	50	
2023/01/16	00:58:00		0.000	3	3	50	50	
2023/01/16	01:00:00		0.000	3	3	50	50	
2023/01/16	01:02:00		0.000	3	3	50	50	
2023/01/16	01:04:00		0.000	3	3	49	50	
2023/01/16	01:06:00		0.000	3	3	49	50	
2023/01/16	01:08:00		0.000	3	3	49	50	
2023/01/16	01:10:00		0.000	3	3	49	50	
2023/01/16	01:12:00		0.000	3	3	49	50	
2023/01/16	01:14:00		0.000	3	3	49	50	
2023/01/16	01:16:00		0.000	3	3	49	50	
2023/01/16	01:18:00		0.000	3	3	49	50	
2023/01/16	01:20:00		0.000	3	3	49	50	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/16	01:22:00		0.000	3	3	49	50	
2023/01/16	01:24:00		0.000	3	3	49	50	
2023/01/16	01:26:00		0.000	3	3	49	50	
2023/01/16	01:28:00		0.000	3	3	49	50	
2023/01/16	01:30:00		0.000	3	3	49	50	
2023/01/16	01:32:00		0.000	3	3	49	50	
2023/01/16	01:34:00		0.000	3	3	49	50	
2023/01/16	01:36:00		0.000	3	3	49	50	
2023/01/16	01:38:00		0.000	3	3	49	49	
2023/01/16	01:40:00		0.000	3	3	49	49	
2023/01/16	01:42:00		0.000	3	3	49	49	
2023/01/16	01:44:00		0.000	3	3	49	49	
2023/01/16	01:46:00		0.000	3	3	49	49	
2023/01/16	01:48:00		0.000	3	3	49	49	
2023/01/16	01:50:00		0.000	3	3	49	49	
2023/01/16	01:52:00		0.000	3	3	49	49	
2023/01/16	01:54:00		0.000	3	3	49	49	
2023/01/16	01:56:00		0.000	3	3	49	49	
2023/01/16	01:58:00		0.000	3	3	49	49	
2023/01/16	02:00:00		0.000	3	3	49	49	
2023/01/16	02:02:00		0.000	3	3	49	49	
2023/01/16	02:04:00		0.000	3	3	48	49	
2023/01/16	02:06:00		0.000	3	3	48	49	
2023/01/16	02:08:00		0.000	3	3	48	49	
2023/01/16	02:10:00		0.000	3	3	49	49	
2023/01/16	02:12:00		0.000	3	3	48	49	
2023/01/16	02:14:00		0.000	3	3	49	49	
2023/01/16	02:16:00		0.000	3	3	48	49	
2023/01/16	02:18:00		0.000	3	3	49	49	
2023/01/16	02:20:00		0.000	3	3	49	49	
2023/01/16	02:22:00		0.000	3	3	49	49	
2023/01/16	02:24:00		0.000	3	3	48	49	
2023/01/16	02:26:00		0.000	3	3	49	49	
2023/01/16	02:28:00		0.000	3	3	48	49	
2023/01/16	02:30:00		0.000	3	3	48	49	
2023/01/16	02:32:00		0.000	3	3	48	49	
2023/01/16	02:34:00		0.000	3	3	48	49	
2023/01/16	02:36:00		0.000	3	3	48	49	
2023/01/16	02:38:00		0.000	3	3	48	49	
2023/01/16	02:40:00		0.000	3	3	48	49	
2023/01/16	02:42:00		0.000	3	3	48	49	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/16	02:44:00		0.000	3	3	48	49	
2023/01/16	02:46:00		0.000	3	3	48	49	
2023/01/16	02:48:00		0.000	3	3	48	49	
2023/01/16	02:50:00		0.000	3	3	48	48	
2023/01/16	02:52:00		0.000	3	3	48	48	
2023/01/16	02:54:00		0.000	3	3	47	48	
2023/01/16	02:56:00		0.000	3	3	47	48	
2023/01/16	02:58:00		0.000	3	3	47	47	
2023/01/16	03:00:00		0.000	3	3	47	47	
2023/01/16	03:02:00		0.000	3	3	47	47	
2023/01/16	03:04:00		0.000	3	3	47	47	
2023/01/16	03:06:00		0.000	3	3	47	47	
2023/01/16	03:08:00		0.000	3	3	47	47	
2023/01/16	03:10:00		0.000	3	3	47	47	
2023/01/16	03:12:00		0.000	3	3	47	47	
2023/01/16	03:14:00		0.000	3	3	47	47	
2023/01/16	03:16:00		0.000	3	3	47	47	
2023/01/16	03:18:00		0.000	3	3	47	47	
2023/01/16	03:20:00		0.000	3	3	47	47	
2023/01/16	03:22:00		0.000	3	3	47	47	
2023/01/16	03:24:00		0.000	3	3	47	47	
2023/01/16	03:26:00		0.000	3	3	47	47	
2023/01/16	03:28:00		0.000	3	3	47	47	
2023/01/16	03:30:00		0.000	3	3	47	47	
2023/01/16	03:32:00		0.000	3	3	47	47	
2023/01/16	03:34:00		0.000	3	3	47	47	
2023/01/16	03:36:00		0.000	3	3	47	47	
2023/01/16	03:38:00		0.000	3	3	47	48	
2023/01/16	03:40:00		0.000	3	3	47	48	
2023/01/16	03:42:00		0.000	3	3	47	48	
2023/01/16	03:44:00		0.000	3	3	47	48	
2023/01/16	03:46:00		0.000	3	3	47	47	
2023/01/16	03:48:00		0.000	3	3	47	47	
2023/01/16	03:50:00		0.000	3	3	47	48	
2023/01/16	03:52:00		0.000	3	3	47	48	
2023/01/16	03:54:00		0.000	3	3	47	47	
2023/01/16	03:56:00		0.000	3	3	47	47	
2023/01/16	03:58:00		0.000	3	3	47	47	
2023/01/16	04:00:00		0.000	3	3	47	47	
2023/01/16	04:02:00		0.000	3	3	47	47	
2023/01/16	04:04:00		0.000	3	3	47	47	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	04:06:00		0.000	3	3	47	48
2023/01/16	04:08:00		0.000	3	3	47	48
2023/01/16	04:10:00		0.000	3	3	47	48
2023/01/16	04:12:00		0.000	3	3	47	48
2023/01/16	04:14:00		0.000	3	3	47	48
2023/01/16	04:16:00		0.000	3	3	47	48
2023/01/16	04:18:00		0.000	3	3	47	48
2023/01/16	04:20:00		0.000	3	3	47	48
2023/01/16	04:22:00		0.000	3	3	47	48
2023/01/16	04:24:00		0.000	3	3	47	48
2023/01/16	04:26:00		0.000	3	3	47	48
2023/01/16	04:28:00		0.000	3	3	47	48
2023/01/16	04:30:00		0.000	3	3	47	48
2023/01/16	04:32:00		0.000	3	3	47	48
2023/01/16	04:34:00		0.000	3	3	47	48
2023/01/16	04:36:00		0.000	3	3	47	48
2023/01/16	04:38:00		0.000	3	3	47	48
2023/01/16	04:40:00		0.000	3	3	47	47
2023/01/16	04:42:00		0.000	3	3	47	47
2023/01/16	04:44:00		0.000	3	3	47	48
2023/01/16	04:46:00		0.000	3	3	47	48
2023/01/16	04:48:00		0.000	3	3	47	47
2023/01/16	04:50:00		0.000	3	3	47	48
2023/01/16	04:52:00		0.000	3	3	47	47
2023/01/16	04:54:00		0.000	3	3	47	47
2023/01/16	04:56:00		0.000	3	3	47	47
2023/01/16	04:58:00		0.000	3	3	47	47
2023/01/16	05:00:00		0.000	3	3	47	47
2023/01/16	05:02:00		0.000	3	3	47	47
2023/01/16	05:04:00		0.000	3	3	47	47
2023/01/16	05:06:00		0.000	3	3	47	47
2023/01/16	05:08:00		0.000	3	3	47	47
2023/01/16	05:10:00		0.000	3	3	47	47
2023/01/16	05:12:00		0.000	3	3	47	47
2023/01/16	05:14:00		0.000	3	3	47	48
2023/01/16	05:16:00		0.000	3	3	47	48
2023/01/16	05:18:00		0.000	3	3	47	48
2023/01/16	05:20:00		0.000	3	3	47	48
2023/01/16	05:22:00		0.000	3	3	47	48
2023/01/16	05:24:00		0.000	3	3	48	48
2023/01/16	05:26:00		0.000	3	3	47	48

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/16	05:28:00		0.000	3	3	47	48	
2023/01/16	05:30:00		0.000	3	3	47	48	
2023/01/16	05:32:00		0.000	3	3	47	48	
2023/01/16	05:34:00		0.000	3	3	47	48	
2023/01/16	05:36:00		0.000	3	3	47	48	
2023/01/16	05:38:00		0.000	3	3	47	48	
2023/01/16	05:40:00		0.000	3	3	47	47	
2023/01/16	05:42:00		0.000	3	3	47	48	
2023/01/16	05:44:00		0.000	3	3	47	47	
2023/01/16	05:46:00		0.000	3	3	47	48	
2023/01/16	05:48:00		0.000	3	3	47	48	
2023/01/16	05:50:00		0.000	3	3	47	48	
2023/01/16	05:52:00		0.000	3	3	47	48	
2023/01/16	05:54:00		0.000	3	3	47	48	
2023/01/16	05:56:00		0.000	3	3	47	48	
2023/01/16	05:58:00		0.000	3	3	47	48	
2023/01/16	06:00:00		0.000	3	3	47	48	
2023/01/16	06:02:00		0.000	3	3	47	48	
2023/01/16	06:04:00		0.000	3	3	48	48	
2023/01/16	06:06:00		0.000	3	3	48	48	
2023/01/16	06:08:00		0.000	3	3	48	48	
2023/01/16	06:10:00		0.000	3	3	48	49	
2023/01/16	06:12:00		0.000	3	3	48	49	
2023/01/16	06:14:00		0.000	3	3	48	49	
2023/01/16	06:16:00		0.000	3	3	48	49	
2023/01/16	06:18:00		0.000	3	3	48	49	
2023/01/16	06:20:00		0.000	3	3	48	49	
2023/01/16	06:22:00		0.000	3	3	48	49	
2023/01/16	06:24:00		0.000	3	3	48	49	
2023/01/16	06:26:00		0.000	3	3	49	49	
2023/01/16	06:28:00		0.000	3	3	49	49	
2023/01/16	06:30:00		0.000	3	3	49	49	
2023/01/16	06:32:00		0.000	3	3	49	50	
2023/01/16	06:34:00		0.000	3	3	49	50	
2023/01/16	06:36:00		0.000	3	3	50	50	
2023/01/16	06:38:00		0.000	3	3	50	50	
2023/01/16	06:40:00		0.000	3	3	50	50	
2023/01/16	06:42:00		0.000	3	3	50	50	
2023/01/16	06:44:00		0.000	3	3	50	50	
2023/01/16	06:46:00		0.000	3	3	50	50	
2023/01/16	06:48:00		0.000	3	3	50	50	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/16	06:50:00		0.000	3	3	50	50	
2023/01/16	06:52:00		0.000	3	3	50	50	
2023/01/16	06:54:00		0.000	3	3	50	50	
2023/01/16	06:56:00		0.000	3	3	50	50	
2023/01/16	06:58:00		0.000	3	3	50	50	
2023/01/16	07:00:00		0.000	3	3	50	50	
2023/01/16	07:02:00		0.000	3	3	50	50	
2023/01/16	07:04:00		0.000	3	3	50	50	
2023/01/16	07:06:00		0.000	3	3	50	50	
2023/01/16	07:08:00		0.000	3	3	50	50	
2023/01/16	07:10:00		0.000	3	3	50	50	
2023/01/16	07:12:00		0.000	3	3	50	50	
2023/01/16	07:14:00		0.000	3	3	50	50	
2023/01/16	07:16:00		0.000	3	3	50	50	
2023/01/16	07:18:00		0.000	3	3	50	50	
2023/01/16	07:20:00		0.000	3	3	50	50	
2023/01/16	07:22:00		0.000	3	3	50	50	
2023/01/16	07:24:00		0.000	3	3	50	50	
2023/01/16	07:26:00		0.000	3	3	50	50	
2023/01/16	07:28:00		0.000	3	2423	50	306	
2023/01/16	07:30:00		0.000	2115	2247	306	1820	
2023/01/16	07:32:00		0.000	2085	2125	1504	1683	
2023/01/16	07:34:00		0.000	2091	2116	1521	1618	
2023/01/16	07:36:00		0.000	2097	2122	1532	1597	
2023/01/16	07:38:00		0.000	2082	2113	1498	1562	
2023/01/16	07:40:00		0.000	2085	2113	1535	1585	
2023/01/16	07:42:00		0.000	2089	2120	1467	1535	
2023/01/16	07:44:00		0.000	2085	2115	1481	1594	
2023/01/16	07:46:00		0.000	2085	2109	1486	1558	
2023/01/16	07:48:00		0.000	2081	2107	1516	1587	
2023/01/16	07:50:00		0.000	2071	2100	1541	1583	
2023/01/16	07:52:00		0.000	2078	2101	1554	1616	
2023/01/16	07:54:00		0.000	2076	2102	1539	1591	
2023/01/16	07:56:00		0.000	2074	2097	1591	1655	
2023/01/16	07:58:00		0.000	2071	2102	1536	1649	
2023/01/16	08:00:00		0.000	2082	2105	1502	1566	
2023/01/16	08:02:00		0.000	2084	2107	1512	1566	
2023/01/16	08:04:00		0.000	2074	2102	1511	1537	
2023/01/16	08:06:00		0.000	2067	2090	1504	1542	
2023/01/16	08:08:00		0.000	2067	2107	1502	1529	
2023/01/16	08:10:00		0.000	2049	2105	1529	1577	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	08:12:00		0.000	2049	2073	1515	1578
2023/01/16	08:14:00		0.000	2050	2076	1509	1597
2023/01/16	08:16:00		0.000	2047	2077	1527	1615
2023/01/16	08:18:00		0.000	2055	2082	1524	1568
2023/01/16	08:20:00		0.000	2067	2093	1531	1604
2023/01/16	08:22:00		0.000	2067	2083	1514	1589
2023/01/16	08:24:00		0.000	2060	2096	1494	1531
2023/01/16	08:26:00		0.000	2060	2082	1473	1521
2023/01/16	08:28:00		0.000	2057	2089	1469	1521
2023/01/16	08:30:00		0.000	2058	2091	1513	1597
2023/01/16	08:32:00		0.000	2070	2094	1572	1601
2023/01/16	08:34:00		0.000	2067	2096	1563	1583
2023/01/16	08:36:00		0.000	2066	2089	1522	1567
2023/01/16	08:38:00		0.000	2047	2083	1520	1553
2023/01/16	08:40:00		0.000	2049	2073	1526	1552
2023/01/16	08:42:00		0.000	2049	2074	1514	1547
2023/01/16	08:44:00		0.000	2056	2084	1509	1561
2023/01/16	08:46:00		0.000	2056	2078	1545	1599
2023/01/16	08:48:00		0.000	2015	2074	1515	1545
2023/01/16	08:50:00		0.000	2038	2060	1509	1615
2023/01/16	08:52:00		0.000	2031	2064	1508	1598
2023/01/16	08:54:00		0.000	2005	2038	1485	1533
2023/01/16	08:56:00		0.000	1982	2010	1468	1528
2023/01/16	08:58:00		0.000	1937	1993	1457	1525
2023/01/16	09:00:00		0.000	1876	1946	1525	1606
2023/01/16	09:02:00		0.000	1828	1889	1507	1558
2023/01/16	09:04:00		0.000	1747	1844	1479	1519
2023/01/16	09:06:00		0.000	1616	1748	1429	1515
2023/01/16	09:08:00		0.000	1512	1626	1436	1526
2023/01/16	09:10:00		0.000	1491	1530	1469	1529
2023/01/16	09:12:00		0.000	1520	1608	1466	1617
2023/01/16	09:14:00		0.000	1574	1613	1568	1631
2023/01/16	09:16:00		0.000	1605	1675	1560	1591
2023/01/16	09:18:00		0.000	1643	1714	1548	1598
2023/01/16	09:20:00		0.000	1701	1755	1548	1591
2023/01/16	09:22:00		0.000	1720	1770	1556	1595
2023/01/16	09:24:00		0.000	1756	1855	1535	1593
2023/01/16	09:26:00		0.000	1851	1902	1540	1574
2023/01/16	09:28:00		0.000	1897	1960	1518	1574
2023/01/16	09:30:00		0.000	1951	2065	1515	1580
2023/01/16	09:32:00		0.000	2056	2175	1511	1542



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	Deg. F			
			MIN	MAX	MIN	MAX	
2023/01/16	09:34:00		0.000	2124	2177	1539	1564
2023/01/16	09:36:00		0.000	2107	2148	1521	1556
2023/01/16	09:38:00		0.000	2121	2187	1556	1625
2023/01/16	09:40:00		0.000	2128	2166	1553	1615
2023/01/16	09:42:00		0.000	2115	2156	1505	1568
2023/01/16	09:44:00		0.000	1998	2124	1419	1509
2023/01/16	09:46:00		0.000	2	2011	1236	1454
2023/01/16	09:48:00		0.000	3	1874	824	1250
2023/01/16	09:50:00		0.000	1765	1833	1250	1724
2023/01/16	09:52:00		0.000	1743	1805	1493	1598
2023/01/16	09:54:00		0.000	1795	1891	1489	1591
2023/01/16	09:56:00		0.000	1879	1931	1382	1618
2023/01/16	09:58:00		0.000	1924	1979	1405	1793
2023/01/16	10:00:00		0.000	1968	2001	1472	1847
2023/01/16	10:02:00		0.000	2	2010	1365	1740
2023/01/16	10:04:00		0.000	2	3	775	1365
2023/01/16	10:06:00		0.000	3	3	530	775
2023/01/16	10:08:00		0.000	3	1918	459	1442
2023/01/16	10:10:00		0.000	1659	1725	1442	1675
2023/01/16	10:12:00		0.000	1677	1729	1472	1668
2023/01/16	10:14:00		0.000	1688	1747	1482	1660
2023/01/16	10:16:00		0.000	1741	1780	1482	1661
2023/01/16	10:18:00		0.000	1754	1805	1527	1653
2023/01/16	10:20:00		0.000	1799	1839	1424	1537
2023/01/16	10:22:00		0.000	1779	1819	1460	1699
2023/01/16	10:24:00		0.000	1768	1792	1570	1623
2023/01/16	10:26:00		0.000	1777	1808	1520	1570
2023/01/16	10:28:00		0.000	1782	1805	1507	1568
2023/01/16	10:30:00		0.000	1778	1800	1531	1586
2023/01/16	10:32:00		0.000	1769	1795	1510	1531
2023/01/16	10:34:00		0.000	1759	1783	1488	1512
2023/01/16	10:36:00		0.000	1752	1773	1510	1548
2023/01/16	10:38:00		0.000	1752	1774	1516	1550
2023/01/16	10:40:00		0.000	1751	1776	1516	1591
2023/01/16	10:42:00		0.000	1760	1780	1520	1575
2023/01/16	10:44:00		0.000	1758	1783	1525	1596
2023/01/16	10:46:00		0.000	1743	1773	1396	1592
2023/01/16	10:48:00		0.000	2	1751	860	1426
2023/01/16	10:50:00		0.000	2	3	572	860
2023/01/16	10:52:00		0.000	2	3	435	572
2023/01/16	10:54:00		0.000	3	3	351	435

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	10:56:00		0.000	3	3	294	351
2023/01/16	10:58:00		0.000	2	3	254	294
2023/01/16	11:00:00		0.000	3	3	225	254
2023/01/16	11:02:00		0.000	3	3	205	225
2023/01/16	11:04:00		0.000	3	2100	189	427
2023/01/16	11:06:00		0.000	1883	2029	427	1558
2023/01/16	11:08:00		0.000	1775	1890	1330	1868
2023/01/16	11:10:00		0.000	1765	1787	1586	1655
2023/01/16	11:12:00		0.000	1762	1781	1546	1607
2023/01/16	11:14:00		0.000	1750	1777	1506	1574
2023/01/16	11:16:00		0.000	1740	1773	1494	1530
2023/01/16	11:18:00		0.000	1725	1757	1523	1553
2023/01/16	11:20:00		0.000	1728	1745	1513	1549
2023/01/16	11:22:00		0.000	1723	1749	1499	1516
2023/01/16	11:24:00		0.000	1732	1754	1510	1578
2023/01/16	11:26:00		0.000	1736	1757	1561	1599
2023/01/16	11:28:00		0.000	1721	1750	1537	1584
2023/01/16	11:30:00		0.000	1709	1732	1493	1561
2023/01/16	11:32:00		0.000	1703	1722	1493	1546
2023/01/16	11:34:00		0.000	1713	1729	1501	1526
2023/01/16	11:36:00		0.000	1707	1732	1522	1535
2023/01/16	11:38:00		0.000	1718	1736	1504	1553
2023/01/16	11:40:00		0.000	1704	1732	1550	1584
2023/01/16	11:42:00		0.000	1693	1714	1561	1576
2023/01/16	11:44:00		0.000	1690	1709	1524	1575
2023/01/16	11:46:00		0.000	1696	1724	1537	1594
2023/01/16	11:48:00		0.000	1698	1725	1551	1587
2023/01/16	11:50:00		0.000	1705	1732	1514	1566
2023/01/16	11:52:00		0.000	1710	1736	1463	1514
2023/01/16	11:54:00		0.000	1714	1732	1491	1574
2023/01/16	11:56:00		0.000	1710	1732	1488	1558
2023/01/16	11:58:00		0.000	1706	1725	1502	1545
2023/01/16	12:00:00		0.000	1697	1721	1520	1592
2023/01/16	12:02:00		0.000	1693	1715	1533	1586
2023/01/16	12:04:00		0.000	1691	1710	1530	1594
2023/01/16	12:06:00		0.000	1688	1709	1515	1578
2023/01/16	12:08:00		0.000	1696	1716	1519	1543
2023/01/16	12:10:00		0.000	1699	1727	1543	1566
2023/01/16	12:12:00		0.000	1698	1725	1551	1579
2023/01/16	12:14:00		0.000	1686	1710	1535	1580
2023/01/16	12:16:00		0.000	1669	1697	1509	1537

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	12:18:00	0.000		1675	1695	1514	1529
2023/01/16	12:20:00	0.000		1651	1697	1510	1558
2023/01/16	12:22:00	0.000		1648	1677	1517	1553
2023/01/16	12:24:00	0.000		1658	1684	1516	1553
2023/01/16	12:26:00	0.000		1657	1684	1515	1558
2023/01/16	12:28:00	0.000		1659	1684	1530	1558
2023/01/16	12:30:00	0.000		1652	1677	1531	1570
2023/01/16	12:32:00	0.000		1644	1673	1551	1568
2023/01/16	12:34:00	0.000		1644	1669	1515	1575
2023/01/16	12:36:00	0.000		1643	1666	1506	1542
2023/01/16	12:38:00	0.000		1632	1659	1497	1532
2023/01/16	12:40:00	0.000		1630	1650	1485	1542
2023/01/16	12:42:00	0.000		3	1645	829	1485
2023/01/16	12:44:00	0.000		3	3	520	829
2023/01/16	12:46:00	0.000		2	3	361	520
2023/01/16	12:48:00	0.000		3	2044	343	1535
2023/01/16	12:50:00	0.000		1701	1836	1277	1750
2023/01/16	12:52:00	0.000		1674	1703	1646	1748
2023/01/16	12:54:00	0.000		1675	1698	1461	1646
2023/01/16	12:56:00	0.000		1676	1698	1462	1526
2023/01/16	12:58:00	0.000		1676	1697	1508	1553
2023/01/16	13:00:00	0.000		1666	1689	1553	1580
2023/01/16	13:02:00	0.000		1659	1684	1535	1580
2023/01/16	13:04:00	0.000		3	1678	806	1562
2023/01/16	13:06:00	0.000		3	2012	639	875
2023/01/16	13:08:00	0.000		1664	1808	875	992
2023/01/16	13:10:00	0.000		1655	1681	992	1607
2023/01/16	13:12:00	0.000		1661	1681	1490	1699
2023/01/16	13:14:00	0.000		3	1680	1395	1717
2023/01/16	13:16:00	0.000		2	2017	976	1704
2023/01/16	13:18:00	0.000		1715	1986	1002	1785
2023/01/16	13:20:00	0.000		1652	1721	1539	1636
2023/01/16	13:22:00	0.000		1644	1669	1471	1539
2023/01/16	13:24:00	0.000		1646	1674	1473	1518
2023/01/16	13:26:00	0.000		1655	1684	1497	1578
2023/01/16	13:28:00	0.000		1661	1681	1548	1580
2023/01/16	13:30:00	0.000		1652	1675	1537	1576
2023/01/16	13:32:00	0.000		1637	1663	1520	1542
2023/01/16	13:34:00	0.000		1632	1652	1512	1541
2023/01/16	13:36:00	0.000		1627	1653	1494	1523
2023/01/16	13:38:00	0.000		1616	1645	1495	1539

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	Deg. F			
			MIN	MAX	MIN	MAX	
2023/01/16	13:40:00		0.000	1632	1655	1525	1560
2023/01/16	13:42:00		0.000	1638	1662	1538	1591
2023/01/16	13:44:00		0.000	1647	1668	1545	1586
2023/01/16	13:46:00		0.000	1648	1674	1557	1574
2023/01/16	13:48:00		0.000	1639	1658	1528	1564
2023/01/16	13:50:00		0.000	1622	1649	1541	1564
2023/01/16	13:52:00		0.000	1613	1632	1517	1541
2023/01/16	13:54:00		0.000	1608	1636	1503	1525
2023/01/16	13:56:00		0.000	1614	1644	1497	1523
2023/01/16	13:58:00		0.000	1622	1644	1494	1561
2023/01/16	14:00:00		0.000	1625	1654	1545	1570
2023/01/16	14:02:00		0.000	1615	1644	1545	1562
2023/01/16	14:04:00		0.000	1600	1632	1550	1568
2023/01/16	14:06:00		0.000	1597	1620	1504	1568
2023/01/16	14:08:00		0.000	1609	1637	1518	1547
2023/01/16	14:10:00		0.000	1621	1651	1509	1542
2023/01/16	14:12:00		0.000	1628	1655	1542	1593
2023/01/16	14:14:00		0.000	1628	1650	1563	1584
2023/01/16	14:16:00		0.000	1619	1645	1515	1588
2023/01/16	14:18:00		0.000	1617	1636	1505	1549
2023/01/16	14:20:00		0.000	1615	1633	1516	1547
2023/01/16	14:22:00		0.000	1609	1630	1501	1556
2023/01/16	14:24:00		0.000	1609	1633	1513	1543
2023/01/16	14:26:00		0.000	1597	1624	1487	1547
2023/01/16	14:28:00		0.000	1600	1624	1499	1558
2023/01/16	14:30:00		0.000	1602	1626	1538	1558
2023/01/16	14:32:00		0.000	1605	1625	1536	1559
2023/01/16	14:34:00		0.000	1608	1632	1517	1560
2023/01/16	14:36:00		0.000	1608	1634	1523	1561
2023/01/16	14:38:00		0.000	1614	1638	1537	1578
2023/01/16	14:40:00		0.000	1596	1632	1522	1551
2023/01/16	14:42:00		0.000	1580	1610	1521	1535
2023/01/16	14:44:00		0.000	1582	1603	1535	1554
2023/01/16	14:46:00		0.000	1578	1602	1504	1554
2023/01/16	14:48:00		0.000	1584	1611	1521	1534
2023/01/16	14:50:00		0.000	3	1608	910	1527
2023/01/16	14:52:00		0.000	3	3	568	910
2023/01/16	14:54:00		0.000	2	3	403	568
2023/01/16	14:56:00		0.000	2	3	311	403
2023/01/16	14:58:00		0.000	3	3	258	311
2023/01/16	15:00:00		0.000	2	3	228	258

# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/16	15:02:00	0.000		3	3	202	228
2023/01/16	15:04:00	0.000		3	1952	195	1505
2023/01/16	15:06:00	0.000		1692	1788	1505	1825
2023/01/16	15:08:00	0.000		1667	1697	1574	1684
2023/01/16	15:10:00	0.000		1670	1702	1546	1574
2023/01/16	15:12:00	0.000		1648	1681	1473	1551
2023/01/16	15:14:00	0.000		1633	1661	1461	1512
2023/01/16	15:16:00	0.000		1626	1652	1512	1537
2023/01/16	15:18:00	0.000		1628	1649	1504	1550
2023/01/16	15:20:00	0.000		1631	1657	1550	1593
2023/01/16	15:22:00	0.000		1630	1649	1561	1580
2023/01/16	15:24:00	0.000		1633	1655	1546	1597
2023/01/16	15:26:00	0.000		1629	1654	1543	1598
2023/01/16	15:28:00	0.000		1629	1654	1481	1543
2023/01/16	15:30:00	0.000		1626	1646	1477	1508
2023/01/16	15:32:00	0.000		1618	1639	1490	1510
2023/01/16	15:34:00	0.000		1612	1637	1496	1564
2023/01/16	15:36:00	0.000		1605	1632	1561	1590
2023/01/16	15:38:00	0.000		3	1626	1063	1561
2023/01/16	15:40:00	0.000		3	3	807	1223
2023/01/16	15:42:00	0.000		3	1918	947	1044
2023/01/16	15:44:00	0.000		1653	1740	975	1068
2023/01/16	15:46:00	0.000		1613	1659	1068	1464
2023/01/16	15:48:00	0.000		1597	1622	1464	1666
2023/01/16	15:50:00	0.000		1585	1618	1631	1661
2023/01/16	15:52:00	0.000		1596	1621	1452	1631
2023/01/16	15:54:00	0.000		1601	1623	1445	1496
2023/01/16	15:56:00	0.000		1600	1623	1448	1592
2023/01/16	15:58:00	0.000		1593	1619	1592	1650
2023/01/16	16:00:00	0.000		1594	1619	1581	1640
2023/01/16	16:02:00	0.000		1601	1620	1537	1581
2023/01/16	16:04:00	0.000		1597	1619	1530	1542
2023/01/16	16:06:00	0.000		1603	1624	1494	1530
2023/01/16	16:08:00	0.000		1601	1627	1487	1521
2023/01/16	16:10:00	0.000		1598	1625	1417	1545
2023/01/16	16:12:00	0.000		2	1617	1141	1417
2023/01/16	16:14:00	0.000		3	3	910	1141
2023/01/16	16:16:00	0.000		2	3	753	910
2023/01/16	16:18:00	0.000		3	3	640	753
2023/01/16	16:20:00	0.000		3	3	555	640
2023/01/16	16:22:00	0.000		2	3	488	555

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/16	16:24:00		0.000	3	3	433	488
2023/01/16	16:26:00		0.000	3	3	189	433
2023/01/16	16:28:00		0.000	3	1946	180	1407
2023/01/16	16:30:00		0.000	1705	1760	1407	1605
2023/01/16	16:32:00		0.000	1665	1707	1539	1628
2023/01/16	16:34:00		0.000	1623	1674	1394	1539
2023/01/16	16:36:00		0.000	1608	1637	1170	1736
2023/01/16	16:38:00		0.000	2	1613	1136	1830
2023/01/16	16:40:00		0.000	3	3	668	1136
2023/01/16	16:42:00		0.000	3	3	474	668
2023/01/16	16:44:00		0.000	3	3	366	474
2023/01/16	16:46:00		0.000	3	3	297	366
2023/01/16	16:48:00		0.000	3	3	254	297
2023/01/16	16:50:00		0.000	3	3	220	254
2023/01/16	16:52:00		0.000	3	1936	202	1092
2023/01/16	16:54:00		0.000	1694	1784	1092	1593
2023/01/16	16:56:00		0.000	1664	1699	1493	1560
2023/01/16	16:58:00		0.000	1633	1670	1495	1556
2023/01/16	17:00:00		0.000	1608	1641	1454	1506
2023/01/16	17:02:00		0.000	1597	1619	1494	1539
2023/01/16	17:04:00		0.000	1604	1630	1535	1542
2023/01/16	17:06:00		0.000	1597	1622	1539	1550
2023/01/16	17:08:00		0.000	1603	1626	1543	1588
2023/01/16	17:10:00		0.000	1599	1620	1545	1597
2023/01/16	17:12:00		0.000	1588	1609	1516	1605
2023/01/16	17:14:00		0.000	1581	1606	1487	1516
2023/01/16	17:16:00		0.000	1571	1597	1491	1527
2023/01/16	17:18:00		0.000	1563	1586	1516	1543
2023/01/16	17:20:00		0.000	1559	1584	1535	1592
2023/01/16	17:22:00		0.000	1560	1585	1543	1570
2023/01/16	17:24:00		0.000	1562	1591	1513	1568
2023/01/16	17:26:00		0.000	1563	1591	1513	1564
2023/01/16	17:28:00		0.000	1567	1592	1523	1572
2023/01/16	17:30:00		0.000	1570	1592	1566	1586
2023/01/16	17:32:00		0.000	1570	1593	1523	1566
2023/01/16	17:34:00		0.000	1561	1597	1502	1570
2023/01/16	17:36:00		0.000	1570	1593	1492	1533
2023/01/16	17:38:00		0.000	1568	1597	1533	1576
2023/01/16	17:40:00		0.000	1570	1594	1546	1597
2023/01/16	17:42:00		0.000	1567	1586	1518	1551
2023/01/16	17:44:00		0.000	1563	1586	1487	1550

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/16	17:46:00		0.000	1556	1584	1494	1531
2023/01/16	17:48:00		0.000	1561	1583	1531	1575
2023/01/16	17:50:00		0.000	1556	1581	1540	1577
2023/01/16	17:52:00		0.000	1556	1578	1527	1549
2023/01/16	17:54:00		0.000	1557	1578	1533	1550
2023/01/16	17:56:00		0.000	1556	1578	1528	1560
2023/01/16	17:58:00		0.000	1550	1573	1541	1560
2023/01/16	18:00:00		0.000	1541	1572	1514	1545
2023/01/16	18:02:00		0.000	1547	1572	1512	1558
2023/01/16	18:04:00		0.000	1547	1565	1558	1574
2023/01/16	18:06:00		0.000	1545	1563	1512	1568
2023/01/16	18:08:00		0.000	1542	1566	1494	1528
2023/01/16	18:10:00		0.000	1538	1566	1504	1535
2023/01/16	18:12:00		0.000	1545	1563	1531	1576
2023/01/16	18:14:00		0.000	1536	1561	1539	1584
2023/01/16	18:16:00		0.000	1530	1557	1539	1558
2023/01/16	18:18:00		0.000	1534	1559	1547	1562
2023/01/16	18:20:00		0.000	1537	1561	1526	1560
2023/01/16	18:22:00		0.000	1538	1559	1508	1541
2023/01/16	18:24:00		0.000	1527	1557	1503	1524
2023/01/16	18:26:00		0.000	1530	1553	1521	1575
2023/01/16	18:28:00		0.000	1523	1553	1545	1575
2023/01/16	18:30:00		0.000	1530	1550	1531	1556
2023/01/16	18:32:00		0.000	1527	1556	1531	1573
2023/01/16	18:34:00		0.000	1526	1553	1517	1531
2023/01/16	18:36:00		0.000	1527	1553	1495	1527
2023/01/16	18:38:00		0.000	1522	1551	1508	1549
2023/01/16	18:40:00		0.000	1526	1551	1537	1563
2023/01/16	18:42:00		0.000	1527	1552	1548	1568
2023/01/16	18:44:00		0.000	1527	1556	1551	1560
2023/01/16	18:46:00		0.000	1537	1554	1539	1556
2023/01/16	18:48:00		0.000	1534	1552	1530	1559
2023/01/16	18:50:00		0.000	1529	1555	1550	1561
2023/01/16	18:52:00		0.000	1526	1556	1525	1560
2023/01/16	18:54:00		0.000	1522	1548	1519	1533
2023/01/16	18:56:00		0.000	1530	1549	1512	1521
2023/01/16	18:58:00		0.000	1527	1552	1511	1551
2023/01/16	19:00:00		0.000	1523	1552	1551	1572
2023/01/16	19:02:00		0.000	1521	1549	1559	1588
2023/01/16	19:04:00		0.000	1527	1549	1516	1572
2023/01/16	19:06:00		0.000	1526	1545	1504	1530

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/16	19:08:00		0.000	1520	1552	1521	1539
2023/01/16	19:10:00		0.000	1524	1546	1523	1542
2023/01/16	19:12:00		0.000	1517	1552	1523	1580
2023/01/16	19:14:00		0.000	1531	1561	1561	1607
2023/01/16	19:16:00		0.000	1532	1563	1539	1611
2023/01/16	19:18:00		0.000	1542	1566	1503	1547
2023/01/16	19:20:00		0.000	1541	1567	1489	1528
2023/01/16	19:22:00		0.000	1543	1566	1528	1556
2023/01/16	19:24:00		0.000	1543	1564	1556	1560
2023/01/16	19:26:00		0.000	1540	1561	1551	1568
2023/01/16	19:28:00		0.000	1530	1556	1555	1566
2023/01/16	19:30:00		0.000	1529	1556	1499	1560
2023/01/16	19:32:00		0.000	1526	1550	1479	1532
2023/01/16	19:34:00		0.000	1516	1538	1528	1561
2023/01/16	19:36:00		0.000	1501	1530	1545	1580
2023/01/16	19:38:00		0.000	1504	1530	1518	1550
2023/01/16	19:40:00		0.000	1518	1548	1515	1537
2023/01/16	19:42:00		0.000	1527	1554	1537	1568
2023/01/16	19:44:00		0.000	1537	1565	1558	1570
2023/01/16	19:46:00		0.000	1529	1554	1548	1565
2023/01/16	19:48:00		0.000	1516	1539	1537	1553
2023/01/16	19:50:00		0.000	1503	1528	1499	1547
2023/01/16	19:52:00		0.000	1494	1519	1502	1517
2023/01/16	19:54:00		0.000	1491	1519	1517	1564
2023/01/16	19:56:00		0.000	1502	1532	1527	1565
2023/01/16	19:58:00		0.000	1518	1545	1560	1567
2023/01/16	20:00:00		0.000	1523	1550	1560	1580
2023/01/16	20:02:00		0.000	1514	1549	1536	1578
2023/01/16	20:04:00		0.000	1509	1539	1520	1536
2023/01/16	20:06:00		0.000	1498	1533	1515	1529
2023/01/16	20:08:00		0.000	1505	1539	1507	1538
2023/01/16	20:10:00		0.000	1508	1536	1538	1570
2023/01/16	20:12:00		0.000	1505	1534	1547	1564
2023/01/16	20:14:00		0.000	1508	1536	1542	1565
2023/01/16	20:16:00		0.000	1516	1541	1543	1574
2023/01/16	20:18:00		0.000	1515	1542	1534	1578
2023/01/16	20:20:00		0.000	1519	1543	1518	1534
2023/01/16	20:22:00		0.000	1513	1542	1511	1526
2023/01/16	20:24:00		0.000	1509	1540	1513	1529
2023/01/16	20:26:00		0.000	1514	1546	1518	1550
2023/01/16	20:28:00		0.000	1516	1549	1550	1572



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/16	20:30:00		0.000	1523	1549	1550	1580
2023/01/16	20:32:00		0.000	1521	1552	1549	1583
2023/01/16	20:34:00		0.000	1523	1555	1507	1549
2023/01/16	20:36:00		0.000	1517	1548	1504	1524
2023/01/16	20:38:00		0.000	1514	1545	1524	1556
2023/01/16	20:40:00		0.000	1509	1533	1556	1577
2023/01/16	20:42:00		0.000	1505	1532	1516	1577
2023/01/16	20:44:00		0.000	1499	1531	1516	1533
2023/01/16	20:46:00		0.000	1493	1525	1504	1525
2023/01/16	20:48:00		0.000	1490	1519	1518	1545
2023/01/16	20:50:00		0.000	1498	1526	1523	1586
2023/01/16	20:52:00		0.000	1497	1523	1542	1592
2023/01/16	20:54:00		0.000	1497	1527	1547	1595
2023/01/16	20:56:00		0.000	1503	1531	1510	1572
2023/01/16	20:58:00		0.000	1499	1530	1488	1536
2023/01/16	21:00:00		0.000	1507	1530	1536	1572
2023/01/16	21:02:00		0.000	1505	1535	1548	1583
2023/01/16	21:04:00		0.000	1507	1537	1540	1576
2023/01/16	21:06:00		0.000	1507	1538	1533	1582
2023/01/16	21:08:00		0.000	1506	1540	1561	1583
2023/01/16	21:10:00		0.000	1501	1533	1497	1567
2023/01/16	21:12:00		0.000	1511	1539	1489	1509
2023/01/16	21:14:00		0.000	1515	1539	1509	1523
2023/01/16	21:16:00		0.000	1507	1540	1519	1564
2023/01/16	21:18:00		0.000	1512	1538	1552	1574
2023/01/16	21:20:00		0.000	1507	1537	1561	1578
2023/01/16	21:22:00		0.000	1501	1534	1543	1568
2023/01/16	21:24:00		0.000	1505	1530	1535	1552
2023/01/16	21:26:00		0.000	1501	1532	1531	1557
2023/01/16	21:28:00		0.000	1504	1535	1525	1534
2023/01/16	21:30:00		0.000	1512	1535	1483	1535
2023/01/16	21:32:00		0.000	1507	1533	1495	1551
2023/01/16	21:34:00		0.000	1505	1532	1543	1570
2023/01/16	21:36:00		0.000	1496	1532	1543	1566
2023/01/16	21:38:00		0.000	1494	1523	1526	1570
2023/01/16	21:40:00		0.000	1494	1522	1481	1526
2023/01/16	21:42:00		0.000	1494	1519	1504	1531
2023/01/16	21:44:00		0.000	1496	1524	1523	1562
2023/01/16	21:46:00		0.000	1494	1521	1544	1569
2023/01/16	21:48:00		0.000	1498	1522	1544	1561
2023/01/16	21:50:00		0.000	1494	1519	1540	1559

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	21:52:00		0.000	1484	1513	1536	1560
2023/01/16	21:54:00		0.000	1483	1510	1529	1556
2023/01/16	21:56:00		0.000	1478	1512	1502	1529
2023/01/16	21:58:00		0.000	1483	1508	1495	1539
2023/01/16	22:00:00		0.000	1478	1510	1539	1577
2023/01/16	22:02:00		0.000	1479	1507	1551	1568
2023/01/16	22:04:00		0.000	1473	1516	1529	1569
2023/01/16	22:06:00		0.000	1483	1508	1508	1533
2023/01/16	22:08:00		0.000	1480	1507	1519	1537
2023/01/16	22:10:00		0.000	1475	1501	1537	1566
2023/01/16	22:12:00		0.000	1470	1501	1526	1565
2023/01/16	22:14:00		0.000	1479	1501	1534	1545
2023/01/16	22:16:00		0.000	1469	1501	1534	1558
2023/01/16	22:18:00		0.000	1472	1497	1517	1550
2023/01/16	22:20:00		0.000	1473	1499	1517	1549
2023/01/16	22:22:00		0.000	1472	1499	1522	1551
2023/01/16	22:24:00		0.000	1465	1496	1528	1572
2023/01/16	22:26:00		0.000	1466	1493	1563	1574
2023/01/16	22:28:00		0.000	1460	1490	1525	1563
2023/01/16	22:30:00		0.000	1455	1487	1507	1525
2023/01/16	22:32:00		0.000	1460	1489	1514	1559
2023/01/16	22:34:00		0.000	1459	1492	1543	1550
2023/01/16	22:36:00		0.000	1457	1486	1543	1558
2023/01/16	22:38:00		0.000	1457	1483	1539	1572
2023/01/16	22:40:00		0.000	1449	1486	1532	1543
2023/01/16	22:42:00		0.000	1460	1490	1525	1562
2023/01/16	22:44:00		0.000	1467	1493	1555	1564
2023/01/16	22:46:00		0.000	1468	1494	1514	1556
2023/01/16	22:48:00		0.000	1468	1499	1496	1551
2023/01/16	22:50:00		0.000	1462	1496	1547	1559
2023/01/16	22:52:00		0.000	1472	1497	1535	1548
2023/01/16	22:54:00		0.000	1473	1497	1540	1552
2023/01/16	22:56:00		0.000	1473	1503	1533	1552
2023/01/16	22:58:00		0.000	1464	1501	1512	1547
2023/01/16	23:00:00		0.000	1472	1501	1547	1580
2023/01/16	23:02:00		0.000	1465	1494	1528	1561
2023/01/16	23:04:00		0.000	1460	1493	1528	1562
2023/01/16	23:06:00		0.000	1462	1488	1531	1561
2023/01/16	23:08:00		0.000	1452	1484	1533	1545
2023/01/16	23:10:00		0.000	1439	1476	1509	1539
2023/01/16	23:12:00		0.000	1455	1485	1523	1560

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-7**

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	23:14:00		0.000	1461	1492	1539	1553
2023/01/16	23:16:00		0.000	1475	1497	1536	1566
2023/01/16	23:18:00		0.000	1466	1503	1539	1574
2023/01/16	23:20:00		0.000	1464	1491	1512	1573
2023/01/16	23:22:00		0.000	1460	1489	1498	1516
2023/01/16	23:24:00		0.000	1457	1488	1505	1559
2023/01/16	23:26:00		0.000	1452	1479	1545	1572
2023/01/16	23:28:00		0.000	1452	1474	1542	1558
2023/01/16	23:30:00		0.000	1446	1473	1525	1550
2023/01/16	23:32:00		0.000	1446	1476	1510	1526
2023/01/16	23:34:00		0.000	1446	1475	1518	1566
2023/01/16	23:36:00		0.000	1450	1480	1549	1593
2023/01/16	23:38:00		0.000	1453	1484	1506	1549
2023/01/16	23:40:00		0.000	1458	1482	1535	1550
2023/01/16	23:42:00		0.000	1453	1484	1499	1536
2023/01/16	23:44:00		0.000	1452	1483	1526	1601
2023/01/16	23:46:00		0.000	1463	1489	1564	1601
2023/01/16	23:48:00		0.000	1458	1491	1557	1577
2023/01/16	23:50:00		0.000	1457	1496	1545	1564
2023/01/16	23:52:00		0.000	1464	1501	1512	1547
2023/01/16	23:54:00		0.000	1470	1500	1501	1550
2023/01/16	23:56:00		0.000	1465	1505	1550	1565
2023/01/16	23:58:00		0.000	1475	1503	1544	1564

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	00:00:00		0.000	1470	1497	1546	1564
2023/01/17	00:02:00		0.000	1468	1490	1537	1546
2023/01/17	00:04:00		0.000	1461	1484	1490	1540
2023/01/17	00:06:00		0.000	1453	1485	1482	1527
2023/01/17	00:08:00		0.000	1451	1477	1520	1531
2023/01/17	00:10:00		0.000	1445	1470	1523	1559
2023/01/17	00:12:00		0.000	1440	1468	1559	1581
2023/01/17	00:14:00		0.000	1431	1474	1560	1588
2023/01/17	00:16:00		0.000	1435	1480	1537	1560
2023/01/17	00:18:00		0.000	1451	1489	1551	1572
2023/01/17	00:20:00		0.000	1453	1490	1510	1574
2023/01/17	00:22:00		0.000	1462	1493	1508	1545
2023/01/17	00:24:00		0.000	1466	1500	1545	1564
2023/01/17	00:26:00		0.000	1473	1501	1524	1561
2023/01/17	00:28:00		0.000	1453	1492	1531	1543
2023/01/17	00:30:00		0.000	1449	1482	1510	1531
2023/01/17	00:32:00		0.000	1430	1469	1495	1529
2023/01/17	00:34:00		0.000	1434	1465	1528	1551
2023/01/17	00:36:00		0.000	1438	1483	1551	1571
2023/01/17	00:38:00		0.000	1460	1494	1569	1595
2023/01/17	00:40:00		0.000	1475	1508	1529	1569
2023/01/17	00:42:00		0.000	1463	1503	1541	1572
2023/01/17	00:44:00		0.000	1461	1490	1507	1558
2023/01/17	00:46:00		0.000	1450	1481	1508	1541
2023/01/17	00:48:00		0.000	1441	1479	1497	1541
2023/01/17	00:50:00		0.000	1447	1475	1495	1531
2023/01/17	00:52:00		0.000	1446	1481	1531	1545
2023/01/17	00:54:00		0.000	1460	1483	1537	1589
2023/01/17	00:56:00		0.000	1458	1495	1570	1589
2023/01/17	00:58:00		0.000	1473	1499	1525	1570
2023/01/17	01:00:00		0.000	1471	1504	1535	1572
2023/01/17	01:02:00		0.000	1458	1496	1564	1582
2023/01/17	01:04:00		0.000	1462	1490	1461	1564
2023/01/17	01:06:00		0.000	1441	1488	1461	1566
2023/01/17	01:08:00		0.000	1445	1479	1558	1577
2023/01/17	01:10:00		0.000	1439	1474	1536	1558
2023/01/17	01:12:00		0.000	1441	1474	1528	1539
2023/01/17	01:14:00		0.000	1434	1462	1497	1534
2023/01/17	01:16:00		0.000	1429	1460	1496	1523
2023/01/17	01:18:00		0.000	1431	1468	1514	1529
2023/01/17	01:20:00		0.000	1441	1469	1520	1585

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	01:22:00		0.000	1450	1472	1558	1592
2023/01/17	01:24:00		0.000	1435	1473	1535	1558
2023/01/17	01:26:00		0.000	1451	1483	1531	1561
2023/01/17	01:28:00		0.000	1453	1476	1539	1556
2023/01/17	01:30:00		0.000	1454	1484	1530	1551
2023/01/17	01:32:00		0.000	1452	1483	1537	1551
2023/01/17	01:34:00		0.000	1456	1484	1548	1560
2023/01/17	01:36:00		0.000	1452	1488	1551	1564
2023/01/17	01:38:00		0.000	1460	1485	1546	1565
2023/01/17	01:40:00		0.000	1462	1490	1500	1546
2023/01/17	01:42:00		0.000	1446	1485	1491	1511
2023/01/17	01:44:00		0.000	1452	1483	1511	1520
2023/01/17	01:46:00		0.000	1457	1493	1512	1567
2023/01/17	01:48:00		0.000	1460	1486	1545	1567
2023/01/17	01:50:00		0.000	1457	1479	1553	1568
2023/01/17	01:52:00		0.000	1453	1479	1556	1566
2023/01/17	01:54:00		0.000	1453	1478	1533	1563
2023/01/17	01:56:00		0.000	1446	1479	1512	1547
2023/01/17	01:58:00		0.000	1452	1475	1510	1523
2023/01/17	02:00:00		0.000	1439	1477	1516	1555
2023/01/17	02:02:00		0.000	1433	1471	1529	1569
2023/01/17	02:04:00		0.000	1448	1473	1520	1556
2023/01/17	02:06:00		0.000	1437	1475	1510	1557
2023/01/17	02:08:00		0.000	1439	1475	1510	1550
2023/01/17	02:10:00		0.000	1439	1472	1550	1572
2023/01/17	02:12:00		0.000	1445	1475	1536	1571
2023/01/17	02:14:00		0.000	1440	1475	1542	1561
2023/01/17	02:16:00		0.000	1439	1465	1515	1560
2023/01/17	02:18:00		0.000	1428	1467	1515	1550
2023/01/17	02:20:00		0.000	1431	1468	1531	1551
2023/01/17	02:22:00		0.000	1439	1462	1535	1545
2023/01/17	02:24:00		0.000	1434	1465	1545	1566
2023/01/17	02:26:00		0.000	1433	1463	1544	1564
2023/01/17	02:28:00		0.000	1427	1461	1537	1544
2023/01/17	02:30:00		0.000	1432	1463	1531	1539
2023/01/17	02:32:00		0.000	1435	1464	1525	1539
2023/01/17	02:34:00		0.000	1428	1462	1496	1539
2023/01/17	02:36:00		0.000	1425	1458	1507	1561
2023/01/17	02:38:00		0.000	1425	1453	1550	1568
2023/01/17	02:40:00		0.000	1419	1459	1551	1570
2023/01/17	02:42:00		0.000	1428	1458	1543	1558

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	02:44:00		0.000	1425	1458	1525	1544
2023/01/17	02:46:00		0.000	1426	1457	1526	1550
2023/01/17	02:48:00		0.000	1415	1451	1510	1546
2023/01/17	02:50:00		0.000	1421	1458	1510	1535
2023/01/17	02:52:00		0.000	1424	1453	1523	1542
2023/01/17	02:54:00		0.000	1406	1452	1542	1568
2023/01/17	02:56:00		0.000	1423	1452	1554	1569
2023/01/17	02:58:00		0.000	1419	1450	1540	1562
2023/01/17	03:00:00		0.000	1424	1457	1537	1560
2023/01/17	03:02:00		0.000	1424	1457	1512	1553
2023/01/17	03:04:00		0.000	1424	1457	1520	1569
2023/01/17	03:06:00		0.000	1420	1462	1550	1574
2023/01/17	03:08:00		0.000	1429	1463	1535	1576
2023/01/17	03:10:00		0.000	1432	1469	1519	1535
2023/01/17	03:12:00		0.000	1439	1469	1518	1550
2023/01/17	03:14:00		0.000	1437	1477	1524	1550
2023/01/17	03:16:00		0.000	1442	1480	1533	1576
2023/01/17	03:18:00		0.000	1441	1480	1555	1574
2023/01/17	03:20:00		0.000	1449	1486	1553	1556
2023/01/17	03:22:00		0.000	1448	1481	1539	1554
2023/01/17	03:24:00		0.000	1452	1477	1522	1539
2023/01/17	03:26:00		0.000	1445	1477	1523	1542
2023/01/17	03:28:00		0.000	1441	1473	1520	1536
2023/01/17	03:30:00		0.000	1438	1468	1523	1531
2023/01/17	03:32:00		0.000	1433	1468	1528	1543
2023/01/17	03:34:00		0.000	1436	1465	1533	1548
2023/01/17	03:36:00		0.000	1428	1461	1535	1563
2023/01/17	03:38:00		0.000	1435	1464	1561	1577
2023/01/17	03:40:00		0.000	1431	1462	1547	1566
2023/01/17	03:42:00		0.000	1432	1462	1508	1547
2023/01/17	03:44:00		0.000	1426	1462	1514	1524
2023/01/17	03:46:00		0.000	1432	1468	1523	1544
2023/01/17	03:48:00		0.000	1434	1460	1544	1562
2023/01/17	03:50:00		0.000	1436	1463	1561	1568
2023/01/17	03:52:00		0.000	1432	1463	1540	1572
2023/01/17	03:54:00		0.000	1428	1461	1516	1542
2023/01/17	03:56:00		0.000	1428	1465	1510	1528
2023/01/17	03:58:00		0.000	1428	1462	1528	1539
2023/01/17	04:00:00		0.000	1428	1458	1529	1554
2023/01/17	04:02:00		0.000	1412	1457	1525	1547
2023/01/17	04:04:00		0.000	1428	1460	1533	1552

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	04:06:00		0.000	1425	1451	1542	1552
2023/01/17	04:08:00		0.000	1417	1458	1537	1547
2023/01/17	04:10:00		0.000	1419	1452	1537	1545
2023/01/17	04:12:00		0.000	1411	1449	1526	1537
2023/01/17	04:14:00		0.000	1415	1453	1536	1551
2023/01/17	04:16:00		0.000	1416	1450	1546	1564
2023/01/17	04:18:00		0.000	1417	1449	1551	1564
2023/01/17	04:20:00		0.000	1415	1448	1540	1552
2023/01/17	04:22:00		0.000	1417	1446	1546	1564
2023/01/17	04:24:00		0.000	1415	1449	1531	1560
2023/01/17	04:26:00		0.000	1422	1447	1520	1531
2023/01/17	04:28:00		0.000	1417	1458	1520	1535
2023/01/17	04:30:00		0.000	1416	1453	1532	1541
2023/01/17	04:32:00		0.000	1417	1451	1533	1548
2023/01/17	04:34:00		0.000	1416	1446	1528	1556
2023/01/17	04:36:00		0.000	1411	1441	1555	1570
2023/01/17	04:38:00		0.000	1409	1445	1547	1571
2023/01/17	04:40:00		0.000	1415	1445	1522	1549
2023/01/17	04:42:00		0.000	1412	1449	1545	1551
2023/01/17	04:44:00		0.000	1416	1453	1546	1558
2023/01/17	04:46:00		0.000	1421	1450	1523	1546
2023/01/17	04:48:00		0.000	1421	1457	1507	1537
2023/01/17	04:50:00		0.000	1416	1453	1511	1521
2023/01/17	04:52:00		0.000	1420	1453	1520	1572
2023/01/17	04:54:00		0.000	1428	1457	1563	1569
2023/01/17	04:56:00		0.000	1426	1462	1558	1570
2023/01/17	04:58:00		0.000	1425	1462	1553	1564
2023/01/17	05:00:00		0.000	1421	1460	1530	1554
2023/01/17	05:02:00		0.000	1430	1463	1524	1547
2023/01/17	05:04:00		0.000	1435	1465	1523	1548
2023/01/17	05:06:00		0.000	1417	1457	1524	1541
2023/01/17	05:08:00		0.000	1420	1458	1532	1543
2023/01/17	05:10:00		0.000	1421	1442	1530	1540
2023/01/17	05:12:00		0.000	1411	1440	1516	1533
2023/01/17	05:14:00		0.000	1400	1438	1527	1562
2023/01/17	05:16:00		0.000	1394	1436	1538	1562
2023/01/17	05:18:00		0.000	1408	1442	1542	1548
2023/01/17	05:20:00		0.000	1410	1445	1547	1588
2023/01/17	05:22:00		0.000	1413	1442	1516	1584
2023/01/17	05:24:00		0.000	1414	1449	1502	1518
2023/01/17	05:26:00		0.000	1415	1450	1515	1545

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	05:28:00		0.000	1417	1451	1528	1555
2023/01/17	05:30:00		0.000	1420	1457	1542	1556
2023/01/17	05:32:00		0.000	1425	1452	1542	1564
2023/01/17	05:34:00		0.000	1424	1452	1557	1566
2023/01/17	05:36:00		0.000	1441	1535	1557	1594
2023/01/17	05:38:00		0.000	1524	1559	1578	1595
2023/01/17	05:40:00		0.000	1541	1566	1545	1583
2023/01/17	05:42:00		0.000	1547	1570	1545	1578
2023/01/17	05:44:00		0.000	1548	1574	1539	1589
2023/01/17	05:46:00		0.000	1546	1574	1537	1558
2023/01/17	05:48:00		0.000	1553	1574	1537	1549
2023/01/17	05:50:00		0.000	1556	1582	1496	1541
2023/01/17	05:52:00		0.000	1556	1581	1494	1510
2023/01/17	05:54:00		0.000	1561	1584	1510	1569
2023/01/17	05:56:00		0.000	1562	1585	1518	1580
2023/01/17	05:58:00		0.000	1565	1588	1510	1558
2023/01/17	06:00:00		0.000	1561	1589	1540	1577
2023/01/17	06:02:00		0.000	1561	1586	1516	1583
2023/01/17	06:04:00		0.000	1552	1585	1514	1539
2023/01/17	06:06:00		0.000	1554	1582	1527	1543
2023/01/17	06:08:00		0.000	1546	1572	1497	1543
2023/01/17	06:10:00		0.000	1543	1569	1498	1547
2023/01/17	06:12:00		0.000	1538	1567	1529	1545
2023/01/17	06:14:00		0.000	1536	1565	1527	1539
2023/01/17	06:16:00		0.000	1543	1574	1524	1545
2023/01/17	06:18:00		0.000	1554	1585	1534	1574
2023/01/17	06:20:00		0.000	1566	1596	1568	1591
2023/01/17	06:22:00		0.000	1563	1594	1568	1585
2023/01/17	06:24:00		0.000	1563	1586	1544	1583
2023/01/17	06:26:00		0.000	1545	1574	1525	1561
2023/01/17	06:28:00		0.000	1542	1567	1462	1525
2023/01/17	06:30:00		0.000	1540	1574	1478	1580
2023/01/17	06:32:00		0.000	1547	1578	1563	1584
2023/01/17	06:34:00		0.000	1551	1585	1512	1573
2023/01/17	06:36:00		0.000	1561	1587	1487	1537
2023/01/17	06:38:00		0.000	1564	1591	1537	1570
2023/01/17	06:40:00		0.000	1566	1586	1553	1564
2023/01/17	06:42:00		0.000	1560	1578	1549	1579
2023/01/17	06:44:00		0.000	1556	1578	1544	1552
2023/01/17	06:46:00		0.000	1545	1575	1521	1545
2023/01/17	06:48:00		0.000	1547	1570	1531	1541



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	Deg. F			
			MIN	MAX	MIN	MAX	
2023/01/17	06:50:00	0.000		1540	1563	1489	1535
2023/01/17	06:52:00	0.000		1536	1560	1501	1545
2023/01/17	06:54:00	0.000		1544	1572	1539	1560
2023/01/17	06:56:00	0.000		1556	1579	1537	1571
2023/01/17	06:58:00	0.000		1561	1588	1552	1566
2023/01/17	07:00:00	0.000		1560	1589	1545	1578
2023/01/17	07:02:00	0.000		1555	1578	1532	1545
2023/01/17	07:04:00	0.000		1549	1578	1527	1547
2023/01/17	07:06:00	0.000		1541	1571	1528	1542
2023/01/17	07:08:00	0.000		1539	1567	1521	1537
2023/01/17	07:10:00	0.000		1539	1559	1477	1539
2023/01/17	07:12:00	0.000		1532	1556	1539	1570
2023/01/17	07:14:00	0.000		1529	1552	1556	1561
2023/01/17	07:16:00	0.000		1529	1556	1547	1560
2023/01/17	07:18:00	0.000		1535	1564	1553	1568
2023/01/17	07:20:00	0.000		1546	1572	1539	1571
2023/01/17	07:22:00	0.000		1552	1578	1532	1569
2023/01/17	07:24:00	0.000		1553	1578	1532	1561
2023/01/17	07:26:00	0.000		1556	1584	1536	1579
2023/01/17	07:28:00	0.000		1554	1577	1532	1585
2023/01/17	07:30:00	0.000		1550	1574	1528	1554
2023/01/17	07:32:00	0.000		1534	1567	1503	1548
2023/01/17	07:34:00	0.000		1540	1566	1464	1535
2023/01/17	07:36:00	0.000		1538	1556	1456	1551
2023/01/17	07:38:00	0.000		1529	1555	1551	1567
2023/01/17	07:40:00	0.000		1528	1550	1556	1570
2023/01/17	07:42:00	0.000		1522	1552	1549	1569
2023/01/17	07:44:00	0.000		1529	1557	1528	1549
2023/01/17	07:46:00	0.000		1533	1555	1536	1542
2023/01/17	07:48:00	0.000		1536	1561	1539	1549
2023/01/17	07:50:00	0.000		1536	1561	1527	1548
2023/01/17	07:52:00	0.000		1542	1563	1548	1570
2023/01/17	07:54:00	0.000		1532	1567	1547	1555
2023/01/17	07:56:00	0.000		1541	1565	1521	1552
2023/01/17	07:58:00	0.000		1537	1567	1510	1537
2023/01/17	08:00:00	0.000		1543	1566	1512	1530
2023/01/17	08:02:00	0.000		1542	1570	1529	1539
2023/01/17	08:04:00	0.000		1544	1572	1526	1569
2023/01/17	08:06:00	0.000		1550	1571	1556	1593
2023/01/17	08:08:00	0.000		1545	1570	1549	1585
2023/01/17	08:10:00	0.000		1538	1566	1497	1580

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	08:12:00		0.000	1529	1563	1495	1547
2023/01/17	08:14:00		0.000	1535	1552	1483	1543
2023/01/17	08:16:00		0.000	1523	1553	1512	1545
2023/01/17	08:18:00		0.000	1518	1552	1542	1560
2023/01/17	08:20:00		0.000	1519	1552	1560	1585
2023/01/17	08:22:00		0.000	1522	1552	1518	1570
2023/01/17	08:24:00		0.000	1532	1557	1528	1553
2023/01/17	08:26:00		0.000	1531	1558	1538	1580
2023/01/17	08:28:00		0.000	1529	1556	1547	1577
2023/01/17	08:30:00		0.000	1531	1563	1519	1547
2023/01/17	08:32:00		0.000	1534	1563	1531	1549
2023/01/17	08:34:00		0.000	1534	1564	1537	1554
2023/01/17	08:36:00		0.000	1543	1567	1526	1550
2023/01/17	08:38:00		0.000	1549	1573	1526	1568
2023/01/17	08:40:00		0.000	1548	1573	1520	1567
2023/01/17	08:42:00		0.000	1551	1576	1518	1531
2023/01/17	08:44:00		0.000	1550	1580	1521	1541
2023/01/17	08:46:00		0.000	1556	1578	1541	1566
2023/01/17	08:48:00		0.000	1549	1576	1543	1556
2023/01/17	08:50:00		0.000	1547	1578	1529	1547
2023/01/17	08:52:00		0.000	1543	1574	1514	1537
2023/01/17	08:54:00		0.000	1543	1570	1514	1548
2023/01/17	08:56:00		0.000	1530	1563	1528	1547
2023/01/17	08:58:00		0.000	1534	1561	1519	1561
2023/01/17	09:00:00		0.000	1530	1556	1561	1580
2023/01/17	09:02:00		0.000	1534	1557	1550	1580
2023/01/17	09:04:00		0.000	1527	1556	1550	1564
2023/01/17	09:06:00		0.000	1535	1561	1532	1556
2023/01/17	09:08:00		0.000	1530	1563	1517	1537
2023/01/17	09:10:00		0.000	1530	1561	1521	1534
2023/01/17	09:12:00		0.000	1539	1570	1517	1544
2023/01/17	09:14:00		0.000	1535	1570	1544	1554
2023/01/17	09:16:00		0.000	1547	1572	1542	1558
2023/01/17	09:18:00		0.000	1550	1573	1556	1565
2023/01/17	09:20:00		0.000	1548	1576	1539	1564
2023/01/17	09:22:00		0.000	1550	1579	1517	1539
2023/01/17	09:24:00		0.000	1552	1578	1525	1551
2023/01/17	09:26:00		0.000	1559	1583	1551	1569
2023/01/17	09:28:00		0.000	1560	1587	1549	1566
2023/01/17	09:30:00		0.000	1556	1582	1534	1567
2023/01/17	09:32:00		0.000	1545	1585	1525	1535

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	09:34:00		0.000	1556	1590	1518	1536
2023/01/17	09:36:00		0.000	1565	1591	1520	1555
2023/01/17	09:38:00		0.000	1559	1593	1515	1542
2023/01/17	09:40:00		0.000	1564	1591	1529	1556
2023/01/17	09:42:00		0.000	1560	1593	1555	1588
2023/01/17	09:44:00		0.000	1550	1583	1533	1589
2023/01/17	09:46:00		0.000	1553	1581	1512	1537
2023/01/17	09:48:00		0.000	1549	1574	1507	1520
2023/01/17	09:50:00		0.000	1539	1567	1506	1536
2023/01/17	09:52:00		0.000	1525	1564	1512	1552
2023/01/17	09:54:00		0.000	1530	1563	1511	1523
2023/01/17	09:56:00		0.000	1538	1560	1515	1570
2023/01/17	09:58:00		0.000	1545	1569	1549	1563
2023/01/17	10:00:00		0.000	1557	1575	1535	1559
2023/01/17	10:02:00		0.000	1563	1584	1553	1578
2023/01/17	10:04:00		0.000	1545	1582	1550	1576
2023/01/17	10:06:00		0.000	1531	1570	1529	1556
2023/01/17	10:08:00		0.000	1529	1556	1504	1529
2023/01/17	10:10:00		0.000	1520	1555	1502	1514
2023/01/17	10:12:00		0.000	1501	1550	1509	1554
2023/01/17	10:14:00		0.000	1504	1531	1540	1570
2023/01/17	10:16:00		0.000	1510	1545	1564	1570
2023/01/17	10:18:00		0.000	1520	1545	1528	1572
2023/01/17	10:20:00		0.000	1518	1557	1521	1530
2023/01/17	10:22:00		0.000	1512	1545	1522	1543
2023/01/17	10:24:00		0.000	1493	1525	1515	1537
2023/01/17	10:26:00		0.000	1492	1530	1516	1528
2023/01/17	10:28:00		0.000	1508	1531	1520	1553
2023/01/17	10:30:00		0.000	1517	1542	1548	1584
2023/01/17	10:32:00		0.000	1524	1551	1559	1586
2023/01/17	10:34:00		0.000	1529	1552	1556	1584
2023/01/17	10:36:00		0.000	1530	1553	1531	1578
2023/01/17	10:38:00		0.000	1527	1552	1523	1558
2023/01/17	10:40:00		0.000	1523	1552	1502	1523
2023/01/17	10:42:00		0.000	1525	1550	1502	1547
2023/01/17	10:44:00		0.000	1524	1548	1518	1547
2023/01/17	10:46:00		0.000	1521	1547	1536	1574
2023/01/17	10:48:00		0.000	1519	1547	1543	1574
2023/01/17	10:50:00		0.000	1523	1549	1534	1550
2023/01/17	10:52:00		0.000	1525	1545	1528	1549
2023/01/17	10:54:00		0.000	1519	1543	1525	1547

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	10:56:00		0.000	1512	1541	1531	1550
2023/01/17	10:58:00		0.000	1514	1543	1530	1556
2023/01/17	11:00:00		0.000	1512	1545	1524	1557
2023/01/17	11:02:00		0.000	1516	1545	1517	1549
2023/01/17	11:04:00		0.000	1515	1540	1517	1539
2023/01/17	11:06:00		0.000	1518	1541	1539	1563
2023/01/17	11:08:00		0.000	1518	1538	1555	1573
2023/01/17	11:10:00		0.000	1510	1539	1541	1575
2023/01/17	11:12:00		0.000	1508	1534	1531	1545
2023/01/17	11:14:00		0.000	1507	1534	1511	1538
2023/01/17	11:16:00		0.000	1508	1536	1516	1540
2023/01/17	11:18:00		0.000	1507	1536	1513	1534
2023/01/17	11:20:00		0.000	1501	1536	1534	1574
2023/01/17	11:22:00		0.000	1516	1545	1556	1566
2023/01/17	11:24:00		0.000	1527	1549	1545	1566
2023/01/17	11:26:00		0.000	1530	1554	1542	1568
2023/01/17	11:28:00		0.000	1538	1560	1531	1542
2023/01/17	11:30:00		0.000	1536	1563	1537	1567
2023/01/17	11:32:00		0.000	1541	1571	1540	1566
2023/01/17	11:34:00		0.000	1549	1574	1539	1552
2023/01/17	11:36:00		0.000	1536	1570	1539	1566
2023/01/17	11:38:00		0.000	1538	1561	1499	1539
2023/01/17	11:40:00		0.000	1523	1558	1499	1518
2023/01/17	11:42:00		0.000	1527	1555	1499	1550
2023/01/17	11:44:00		0.000	1532	1555	1542	1553
2023/01/17	11:46:00		0.000	1536	1561	1551	1572
2023/01/17	11:48:00		0.000	1539	1568	1562	1572
2023/01/17	11:50:00		0.000	1549	1576	1558	1580
2023/01/17	11:52:00		0.000	1560	1589	1561	1594
2023/01/17	11:54:00		0.000	1559	1583	1492	1561
2023/01/17	11:56:00		0.000	1556	1582	1485	1510
2023/01/17	11:58:00		0.000	1549	1576	1495	1550
2023/01/17	12:00:00		0.000	1549	1570	1546	1558
2023/01/17	12:02:00		0.000	1545	1565	1558	1577
2023/01/17	12:04:00		0.000	1539	1561	1513	1560
2023/01/17	12:06:00		0.000	1539	1560	1510	1545
2023/01/17	12:08:00		0.000	1536	1573	1542	1564
2023/01/17	12:10:00		0.000	1541	1571	1535	1550
2023/01/17	12:12:00		0.000	1547	1575	1537	1554
2023/01/17	12:14:00		0.000	1552	1581	1525	1550
2023/01/17	12:16:00		0.000	1557	1585	1543	1557

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		1	1
			SCFM MIN	MAX	Deg. F MIN	MAX		
2023/01/17	12:18:00		0.000	1566	1593	1556	1565	
2023/01/17	12:20:00		0.000	1564	1593	1546	1563	
2023/01/17	12:22:00		0.000	1546	1578	1537	1547	
2023/01/17	12:24:00		0.000	1548	1572	1504	1542	
2023/01/17	12:26:00		0.000	1548	1578	1497	1528	
2023/01/17	12:28:00		0.000	1562	1596	1528	1544	
2023/01/17	12:30:00		0.000	1572	1599	1541	1561	
2023/01/17	12:32:00		0.000	1570	1600	1548	1585	
2023/01/17	12:34:00		0.000	1566	1599	1553	1585	
2023/01/17	12:36:00		0.000	1561	1589	1546	1560	
2023/01/17	12:38:00		0.000	1561	1585	1523	1560	
2023/01/17	12:40:00		0.000	1559	1584	1505	1525	
2023/01/17	12:42:00		0.000	1557	1576	1510	1528	
2023/01/17	12:44:00		0.000	1552	1580	1515	1578	
2023/01/17	12:46:00		0.000	1552	1576	1558	1577	
2023/01/17	12:48:00		0.000	1548	1579	1531	1558	
2023/01/17	12:50:00		0.000	1561	1584	1533	1556	
2023/01/17	12:52:00		0.000	1572	1596	1555	1569	
2023/01/17	12:54:00		0.000	1574	1601	1567	1589	
2023/01/17	12:56:00		0.000	1579	1599	1504	1572	
2023/01/17	12:58:00		0.000	1570	1604	1503	1518	
2023/01/17	13:00:00		0.000	1574	1599	1517	1550	
2023/01/17	13:02:00		0.000	1567	1596	1512	1541	
2023/01/17	13:04:00		0.000	1569	1591	1526	1549	
2023/01/17	13:06:00		0.000	1563	1589	1522	1554	
2023/01/17	13:08:00		0.000	1561	1601	1531	1563	
2023/01/17	13:10:00		0.000	1599	1669	1563	1617	
2023/01/17	13:12:00		0.000	1667	1734	1588	1621	
2023/01/17	13:14:00		0.000	1728	1769	1561	1602	
2023/01/17	13:16:00		0.000	1749	1766	1553	1583	
2023/01/17	13:18:00		0.000	1741	1764	1526	1570	
2023/01/17	13:20:00		0.000	1740	1762	1527	1541	
2023/01/17	13:22:00		0.000	1737	1759	1533	1546	
2023/01/17	13:24:00		0.000	1745	1765	1529	1555	
2023/01/17	13:26:00		0.000	1750	1776	1543	1554	
2023/01/17	13:28:00		0.000	1752	1777	1547	1558	
2023/01/17	13:30:00		0.000	1756	1778	1523	1557	
2023/01/17	13:32:00		0.000	1756	1774	1520	1534	
2023/01/17	13:34:00		0.000	1729	1769	1524	1536	
2023/01/17	13:36:00		0.000	1710	1742	1499	1524	
2023/01/17	13:38:00		0.000	1700	1736	1497	1537	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	13:40:00		0.000	1684	1712	1533	1553
2023/01/17	13:42:00		0.000	1634	1690	1499	1533
2023/01/17	13:44:00		0.000	1589	1645	1482	1514
2023/01/17	13:46:00		0.000	1503	1592	1491	1506
2023/01/17	13:48:00		0.000	1457	1515	1482	1495
2023/01/17	13:50:00		0.000	1438	1473	1483	1508
2023/01/17	13:52:00		0.000	1435	1468	1507	1526
2023/01/17	13:54:00		0.000	1449	1486	1523	1558
2023/01/17	13:56:00		0.000	1457	1491	1558	1606
2023/01/17	13:58:00		0.000	1471	1499	1571	1589
2023/01/17	14:00:00		0.000	1468	1503	1531	1576
2023/01/17	14:02:00		0.000	1460	1497	1523	1534
2023/01/17	14:04:00		0.000	1460	1490	1518	1537
2023/01/17	14:06:00		0.000	1442	1486	1510	1526
2023/01/17	14:08:00		0.000	1445	1473	1502	1546
2023/01/17	14:10:00		0.000	1437	1468	1527	1547
2023/01/17	14:12:00		0.000	1436	1463	1543	1549
2023/01/17	14:14:00		0.000	1428	1464	1520	1543
2023/01/17	14:16:00		0.000	1435	1465	1526	1555
2023/01/17	14:18:00		0.000	1444	1474	1542	1561
2023/01/17	14:20:00		0.000	1438	1485	1546	1579
2023/01/17	14:22:00		0.000	1456	1480	1553	1579
2023/01/17	14:24:00		0.000	1446	1476	1521	1554
2023/01/17	14:26:00		0.000	1439	1472	1517	1531
2023/01/17	14:28:00		0.000	1435	1464	1506	1523
2023/01/17	14:30:00		0.000	1427	1464	1512	1554
2023/01/17	14:32:00		0.000	1428	1460	1550	1560
2023/01/17	14:34:00		0.000	1419	1449	1520	1551
2023/01/17	14:36:00		0.000	1417	1451	1524	1547
2023/01/17	14:38:00		0.000	1421	1457	1533	1554
2023/01/17	14:40:00		0.000	1438	1471	1529	1573
2023/01/17	14:42:00		0.000	1449	1482	1564	1582
2023/01/17	14:44:00		0.000	1451	1479	1557	1587
2023/01/17	14:46:00		0.000	1435	1471	1539	1557
2023/01/17	14:48:00		0.000	1425	1465	1527	1542
2023/01/17	14:50:00		0.000	1425	1460	1515	1529
2023/01/17	14:52:00		0.000	1417	1453	1505	1530
2023/01/17	14:54:00		0.000	1405	1432	1505	1528
2023/01/17	14:56:00		0.000	1383	1429	1520	1529
2023/01/17	14:58:00		0.000	1387	1414	1523	1540
2023/01/17	15:00:00		0.000	1381	1418	1527	1548

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	15:02:00		0.000	1392	1420	1548	1557
2023/01/17	15:04:00		0.000	1392	1431	1550	1570
2023/01/17	15:06:00		0.000	1400	1426	1566	1577
2023/01/17	15:08:00		0.000	1393	1428	1541	1569
2023/01/17	15:10:00		0.000	1399	1427	1532	1556
2023/01/17	15:12:00		0.000	1400	1427	1534	1558
2023/01/17	15:14:00		0.000	1404	1436	1542	1559
2023/01/17	15:16:00		0.000	1406	1435	1522	1547
2023/01/17	15:18:00		0.000	1404	1437	1528	1548
2023/01/17	15:20:00		0.000	1402	1433	1530	1545
2023/01/17	15:22:00		0.000	1400	1438	1537	1542
2023/01/17	15:24:00		0.000	1406	1433	1534	1562
2023/01/17	15:26:00		0.000	1396	1430	1523	1558
2023/01/17	15:28:00		0.000	1379	1413	1505	1523
2023/01/17	15:30:00		0.000	1372	1405	1512	1528
2023/01/17	15:32:00		0.000	1369	1407	1528	1553
2023/01/17	15:34:00		0.000	1373	1413	1535	1556
2023/01/17	15:36:00		0.000	1380	1418	1555	1572
2023/01/17	15:38:00		0.000	1379	1419	1557	1576
2023/01/17	15:40:00		0.000	1379	1413	1520	1576
2023/01/17	15:42:00		0.000	1391	1486	1508	1613
2023/01/17	15:44:00		0.000	1474	1499	1598	1615
2023/01/17	15:46:00		0.000	1477	1512	1574	1599
2023/01/17	15:48:00		0.000	1485	1516	1558	1575
2023/01/17	15:50:00		0.000	1493	1519	1551	1564
2023/01/17	15:52:00		0.000	1492	1521	1542	1562
2023/01/17	15:54:00		0.000	1493	1523	1518	1550
2023/01/17	15:56:00		0.000	1497	1521	1520	1533
2023/01/17	15:58:00		0.000	1499	1523	1514	1549
2023/01/17	16:00:00		0.000	1498	1531	1543	1551
2023/01/17	16:02:00		0.000	1505	1530	1541	1553
2023/01/17	16:04:00		0.000	1512	1538	1546	1556
2023/01/17	16:06:00		0.000	1510	1534	1555	1567
2023/01/17	16:08:00		0.000	1512	1537	1553	1566
2023/01/17	16:10:00		0.000	1512	1539	1526	1553
2023/01/17	16:12:00		0.000	1510	1532	1511	1526
2023/01/17	16:14:00		0.000	1501	1525	1505	1537
2023/01/17	16:16:00		0.000	1496	1517	1507	1537
2023/01/17	16:18:00		0.000	1488	1512	1509	1575
2023/01/17	16:20:00		0.000	1488	1514	1546	1580
2023/01/17	16:22:00		0.000	1493	1519	1543	1551

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	16:24:00		0.000	1499	1523	1513	1553
2023/01/17	16:26:00		0.000	1501	1529	1531	1547
2023/01/17	16:28:00		0.000	1505	1538	1517	1531
2023/01/17	16:30:00		0.000	1509	1538	1528	1577
2023/01/17	16:32:00		0.000	1503	1531	1551	1580
2023/01/17	16:34:00		0.000	1491	1519	1513	1551
2023/01/17	16:36:00		0.000	1472	1507	1506	1520
2023/01/17	16:38:00		0.000	1480	1515	1520	1547
2023/01/17	16:40:00		0.000	1501	1536	1527	1550
2023/01/17	16:42:00		0.000	1512	1532	1525	1581
2023/01/17	16:44:00		0.000	1512	1532	1572	1589
2023/01/17	16:46:00		0.000	1503	1524	1553	1572
2023/01/17	16:48:00		0.000	1501	1522	1520	1564
2023/01/17	16:50:00		0.000	1492	1527	1484	1520
2023/01/17	16:52:00		0.000	1484	1521	1498	1537
2023/01/17	16:54:00		0.000	1482	1516	1537	1550
2023/01/17	16:56:00		0.000	1482	1516	1545	1556
2023/01/17	16:58:00		0.000	1481	1507	1524	1545
2023/01/17	17:00:00		0.000	1473	1504	1520	1530
2023/01/17	17:02:00		0.000	1482	1512	1529	1590
2023/01/17	17:04:00		0.000	1490	1517	1558	1595
2023/01/17	17:06:00		0.000	1499	1523	1556	1583
2023/01/17	17:08:00		0.000	1493	1523	1552	1584
2023/01/17	17:10:00		0.000	1477	1508	1526	1558
2023/01/17	17:12:00		0.000	1468	1499	1472	1526
2023/01/17	17:14:00		0.000	1464	1490	1472	1499
2023/01/17	17:16:00		0.000	1471	1505	1485	1582
2023/01/17	17:18:00		0.000	1488	1510	1502	1605
2023/01/17	17:20:00		0.000	1494	1521	1471	1619
2023/01/17	17:22:00		0.000	1491	1517	1570	1625
2023/01/17	17:24:00		0.000	1484	1512	1545	1585
2023/01/17	17:26:00		0.000	1479	1504	1519	1550
2023/01/17	17:28:00		0.000	1465	1498	1500	1519
2023/01/17	17:30:00		0.000	1463	1488	1499	1539
2023/01/17	17:32:00		0.000	1457	1493	1525	1537
2023/01/17	17:34:00		0.000	1475	1496	1514	1547
2023/01/17	17:36:00		0.000	1474	1507	1547	1564
2023/01/17	17:38:00		0.000	1475	1505	1550	1572
2023/01/17	17:40:00		0.000	1480	1509	1572	1589
2023/01/17	17:42:00		0.000	1487	1514	1493	1585
2023/01/17	17:44:00		0.000	1490	1522	1475	1556



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	17:46:00		0.000	1488	1510	1556	1593
2023/01/17	17:48:00		0.000	1476	1510	1539	1574
2023/01/17	17:50:00		0.000	1475	1502	1531	1539
2023/01/17	17:52:00		0.000	1475	1500	1535	1553
2023/01/17	17:54:00		0.000	1469	1500	1537	1549
2023/01/17	17:56:00		0.000	1465	1490	1531	1537
2023/01/17	17:58:00		0.000	1457	1488	1513	1542
2023/01/17	18:00:00		0.000	1472	1500	1514	1561
2023/01/17	18:02:00		0.000	1482	1512	1561	1585
2023/01/17	18:04:00		0.000	1492	1519	1510	1562
2023/01/17	18:06:00		0.000	1493	1525	1512	1538
2023/01/17	18:08:00		0.000	1491	1519	1512	1534
2023/01/17	18:10:00		0.000	1483	1509	1534	1584
2023/01/17	18:12:00		0.000	1480	1501	1533	1584
2023/01/17	18:14:00		0.000	1471	1505	1486	1539
2023/01/17	18:16:00		0.000	1471	1505	1477	1567
2023/01/17	18:18:00		0.000	1465	1494	1563	1574
2023/01/17	18:20:00		0.000	1463	1491	1542	1573
2023/01/17	18:22:00		0.000	1465	1492	1528	1542
2023/01/17	18:24:00		0.000	1472	1499	1528	1537
2023/01/17	18:26:00		0.000	1477	1502	1537	1578
2023/01/17	18:28:00		0.000	1487	1514	1525	1564
2023/01/17	18:30:00		0.000	1488	1515	1508	1545
2023/01/17	18:32:00		0.000	1484	1515	1545	1574
2023/01/17	18:34:00		0.000	1480	1507	1527	1548
2023/01/17	18:36:00		0.000	1475	1506	1533	1566
2023/01/17	18:38:00		0.000	1470	1506	1545	1558
2023/01/17	18:40:00		0.000	1468	1498	1531	1545
2023/01/17	18:42:00		0.000	1464	1496	1522	1531
2023/01/17	18:44:00		0.000	1460	1490	1510	1525
2023/01/17	18:46:00		0.000	1458	1490	1510	1564
2023/01/17	18:48:00		0.000	1465	1495	1550	1560
2023/01/17	18:50:00		0.000	1462	1494	1550	1574
2023/01/17	18:52:00		0.000	1470	1494	1500	1553
2023/01/17	18:54:00		0.000	1468	1494	1503	1534
2023/01/17	18:56:00		0.000	1472	1499	1534	1551
2023/01/17	18:58:00		0.000	1474	1501	1541	1558
2023/01/17	19:00:00		0.000	1470	1505	1539	1569
2023/01/17	19:02:00		0.000	1478	1507	1517	1545
2023/01/17	19:04:00		0.000	1482	1510	1523	1545
2023/01/17	19:06:00		0.000	1486	1510	1526	1575

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	19:08:00		0.000	1486	1508	1575	1593
2023/01/17	19:10:00		0.000	1479	1507	1534	1578
2023/01/17	19:12:00		0.000	1465	1503	1537	1547
2023/01/17	19:14:00		0.000	1470	1499	1525	1542
2023/01/17	19:16:00		0.000	1465	1495	1514	1531
2023/01/17	19:18:00		0.000	1465	1494	1516	1553
2023/01/17	19:20:00		0.000	1457	1482	1541	1553
2023/01/17	19:22:00		0.000	1453	1480	1537	1556
2023/01/17	19:24:00		0.000	1454	1484	1539	1560
2023/01/17	19:26:00		0.000	1455	1490	1530	1562
2023/01/17	19:28:00		0.000	1464	1493	1541	1565
2023/01/17	19:30:00		0.000	1471	1499	1541	1561
2023/01/17	19:32:00		0.000	1475	1501	1534	1553
2023/01/17	19:34:00		0.000	1483	1512	1534	1549
2023/01/17	19:36:00		0.000	1477	1503	1524	1542
2023/01/17	19:38:00		0.000	1472	1499	1528	1545
2023/01/17	19:40:00		0.000	1468	1497	1531	1548
2023/01/17	19:42:00		0.000	1462	1490	1525	1541
2023/01/17	19:44:00		0.000	1458	1489	1510	1556
2023/01/17	19:46:00		0.000	1460	1490	1546	1559
2023/01/17	19:48:00		0.000	1460	1479	1534	1556
2023/01/17	19:50:00		0.000	1453	1483	1551	1558
2023/01/17	19:52:00		0.000	1464	1502	1556	1580
2023/01/17	19:54:00		0.000	1478	1507	1544	1582
2023/01/17	19:56:00		0.000	1485	1514	1531	1558
2023/01/17	19:58:00		0.000	1478	1501	1487	1531
2023/01/17	20:00:00		0.000	1472	1494	1502	1556
2023/01/17	20:02:00		0.000	1461	1486	1527	1554
2023/01/17	20:04:00		0.000	1453	1480	1510	1527
2023/01/17	20:06:00		0.000	1402	1469	1520	1542
2023/01/17	20:08:00		0.000	1397	1433	1515	1536
2023/01/17	20:10:00		0.000	1401	1428	1524	1537
2023/01/17	20:12:00		0.000	1395	1428	1531	1539
2023/01/17	20:14:00		0.000	1397	1429	1535	1550
2023/01/17	20:16:00		0.000	1388	1417	1537	1550
2023/01/17	20:18:00		0.000	1372	1416	1545	1558
2023/01/17	20:20:00		0.000	1369	1404	1537	1549
2023/01/17	20:22:00		0.000	1361	1401	1502	1542
2023/01/17	20:24:00		0.000	1359	1394	1496	1523
2023/01/17	20:26:00		0.000	1356	1396	1519	1536
2023/01/17	20:28:00		0.000	1358	1402	1531	1537

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	20:30:00		0.000	1369	1404	1535	1557
2023/01/17	20:32:00		0.000	1372	1411	1543	1570
2023/01/17	20:34:00		0.000	1386	1419	1570	1578
2023/01/17	20:36:00		0.000	1387	1424	1572	1581
2023/01/17	20:38:00		0.000	1388	1421	1547	1572
2023/01/17	20:40:00		0.000	1375	1414	1537	1547
2023/01/17	20:42:00		0.000	1383	1414	1528	1547
2023/01/17	20:44:00		0.000	1385	1421	1523	1542
2023/01/17	20:46:00		0.000	1394	1424	1534	1546
2023/01/17	20:48:00		0.000	1389	1420	1543	1553
2023/01/17	20:50:00		0.000	1385	1417	1539	1554
2023/01/17	20:52:00		0.000	1383	1426	1546	1556
2023/01/17	20:54:00		0.000	1371	1409	1542	1559
2023/01/17	20:56:00		0.000	1383	1417	1528	1547
2023/01/17	20:58:00		0.000	1389	1421	1538	1549
2023/01/17	21:00:00		0.000	1384	1420	1541	1564
2023/01/17	21:02:00		0.000	1388	1419	1540	1564
2023/01/17	21:04:00		0.000	1372	1417	1510	1544
2023/01/17	21:06:00		0.000	1376	1412	1511	1526
2023/01/17	21:08:00		0.000	1361	1404	1506	1516
2023/01/17	21:10:00		0.000	1359	1399	1509	1528
2023/01/17	21:12:00		0.000	1337	1384	1523	1545
2023/01/17	21:14:00		0.000	1328	1378	1523	1539
2023/01/17	21:16:00		0.000	1344	1382	1528	1539
2023/01/17	21:18:00		0.000	1357	1391	1538	1555
2023/01/17	21:20:00		0.000	1350	1388	1555	1569
2023/01/17	21:22:00		0.000	1350	1394	1545	1563
2023/01/17	21:24:00		0.000	1339	1386	1539	1556
2023/01/17	21:26:00		0.000	1334	1380	1520	1548
2023/01/17	21:28:00		0.000	1343	1380	1517	1538
2023/01/17	21:30:00		0.000	1307	1371	1520	1537
2023/01/17	21:32:00		0.000	1316	1357	1514	1527
2023/01/17	21:34:00		0.000	1323	1358	1515	1543
2023/01/17	21:36:00		0.000	1325	1367	1542	1551
2023/01/17	21:38:00		0.000	1341	1377	1542	1560
2023/01/17	21:40:00		0.000	1351	1387	1558	1576
2023/01/17	21:42:00		0.000	1349	1391	1562	1574
2023/01/17	21:44:00		0.000	1352	1391	1549	1564
2023/01/17	21:46:00		0.000	1345	1384	1548	1556
2023/01/17	21:48:00		0.000	1336	1380	1510	1548
2023/01/17	21:50:00		0.000	1330	1372	1485	1512

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	21:52:00		0.000	1282	1365	1512	1529
2023/01/17	21:54:00		0.000	1314	1359	1504	1515
2023/01/17	21:56:00		0.000	1314	1392	1512	1569
2023/01/17	21:58:00		0.000	1354	1388	1569	1582
2023/01/17	22:00:00		0.000	1346	1382	1560	1580
2023/01/17	22:02:00		0.000	1349	1377	1556	1563
2023/01/17	22:04:00		0.000	1335	1384	1543	1558
2023/01/17	22:06:00		0.000	1330	1376	1526	1556
2023/01/17	22:08:00		0.000	1330	1380	1509	1526
2023/01/17	22:10:00		0.000	1327	1381	1512	1539
2023/01/17	22:12:00		0.000	1337	1376	1525	1539
2023/01/17	22:14:00		0.000	1334	1372	1526	1542
2023/01/17	22:16:00		0.000	1338	1375	1540	1558
2023/01/17	22:18:00		0.000	1334	1372	1553	1559
2023/01/17	22:20:00		0.000	1334	1374	1550	1560
2023/01/17	22:22:00		0.000	1331	1370	1543	1556
2023/01/17	22:24:00		0.000	1328	1365	1540	1549
2023/01/17	22:26:00		0.000	1317	1364	1531	1544
2023/01/17	22:28:00		0.000	1331	1365	1512	1545
2023/01/17	22:30:00		0.000	1323	1365	1535	1554
2023/01/17	22:32:00		0.000	1323	1363	1526	1535
2023/01/17	22:34:00		0.000	1317	1365	1516	1533
2023/01/17	22:36:00		0.000	1328	1361	1530	1539
2023/01/17	22:38:00		0.000	1320	1365	1525	1557
2023/01/17	22:40:00		0.000	1316	1361	1542	1560
2023/01/17	22:42:00		0.000	1302	1363	1528	1546
2023/01/17	22:44:00		0.000	1323	1360	1539	1558
2023/01/17	22:46:00		0.000	1323	1358	1526	1561
2023/01/17	22:48:00		0.000	1306	1359	1518	1539
2023/01/17	22:50:00		0.000	1320	1356	1539	1562
2023/01/17	22:52:00		0.000	1307	1358	1546	1564
2023/01/17	22:54:00		0.000	1315	1358	1528	1547
2023/01/17	22:56:00		0.000	1310	1350	1534	1541
2023/01/17	22:58:00		0.000	1320	1354	1533	1543
2023/01/17	23:00:00		0.000	1305	1354	1530	1552
2023/01/17	23:02:00		0.000	1291	1355	1531	1553
2023/01/17	23:04:00		0.000	1316	1375	1535	1563
2023/01/17	23:06:00		0.000	1335	1379	1563	1582
2023/01/17	23:08:00		0.000	1311	1368	1543	1586
2023/01/17	23:10:00		0.000	1299	1349	1514	1543
2023/01/17	23:12:00		0.000	1310	1355	1508	1527

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	23:14:00		0.000	1324	1363	1509	1558
2023/01/17	23:16:00		0.000	1334	1372	1558	1570
2023/01/17	23:18:00		0.000	1335	1380	1564	1589
2023/01/17	23:20:00		0.000	1317	1365	1539	1566
2023/01/17	23:22:00		0.000	1325	1371	1513	1545
2023/01/17	23:24:00		0.000	1321	1365	1515	1532
2023/01/17	23:26:00		0.000	1316	1358	1523	1530
2023/01/17	23:28:00		0.000	1310	1349	1522	1539
2023/01/17	23:30:00		0.000	1275	1367	1523	1537
2023/01/17	23:32:00		0.000	1348	1386	1530	1580
2023/01/17	23:34:00		0.000	1333	1378	1563	1580
2023/01/17	23:36:00		0.000	1322	1376	1554	1569
2023/01/17	23:38:00		0.000	1334	1378	1547	1566
2023/01/17	23:40:00		0.000	1339	1376	1542	1558
2023/01/17	23:42:00		0.000	1327	1371	1515	1542
2023/01/17	23:44:00		0.000	1317	1368	1501	1518
2023/01/17	23:46:00		0.000	1335	1370	1501	1534
2023/01/17	23:48:00		0.000	1325	1373	1534	1556
2023/01/17	23:50:00		0.000	1317	1372	1520	1539
2023/01/17	23:52:00		0.000	1327	1361	1520	1540
2023/01/17	23:54:00		0.000	1326	1363	1537	1555
2023/01/17	23:56:00		0.000	1307	1360	1541	1556
2023/01/17	23:58:00		0.000	1318	1365	1536	1545

Attachment C  
Weekly Flare Inspection Form from January 12, 2023

**A-7: Ox Mountain Landfill Weekly Flare Inspection**

Technician : Lusi Naivalurua			Date 2023-01-12			
Inlet Sample	CH <sub>4</sub> : 53.4	CO <sub>2</sub> : 34.6	O <sub>2</sub> : 0.6	BAL: 11.4	Inlet Vac: -26.15	Temp: 64.3
Flare Temp: 1533			SCFM: 2111 Totalizer # 116.81			
			<b>READINGS</b>		<b>COMMENTS</b>	
<b>Flare Station Operations</b>						
Sky Conditions/Ambient Temperature			clear/57			
Verify proper operation & data recording			Yes			
Verify Flash memory card recording			Yes			
Date flash memory card last changed			2022-12-30			
Louver Position %			1 % closed			
Louvers Functioning Properly?			Yes			
Verify Panel lights functioning			Yes			
Chatterbox O.K./Dial Tone present			Yes			
Yokogawa Time Correct?			Yes			
Yokogawa DST Enabled?			Yes			
Thermocouple # 1(Bottom) Working?			Yes	Temp: 1548		
Thermocouple # 2(Middle) Working?			Yes	Temp: 1275		
Thermocouple # 3(Top) Working?			Yes	Temp: 1612		
Check for full spare propane tank			Yes - 58			
Any Visible Emissions from Flare Stack?			No			
Inlet Fail Safe Valve Last Time Operated / Checked			Yes	Date:		
Check Flow Meter			Yes	Date: RECORDING Yes		
Fire Extinguisher charged and Inspection Card O.K.?			No			
Flare Stack CO Sample						
<b>Flame Arrestor</b>						
Liquids drained from Flame Arrestor/Drain Port Cleaned			Yes/Yes			
Flame Arrestor Inlet Pressure – Outlet Pressure – DP <5"			7.03 - 5.47	DP -1.56		
<b>Blower</b>						
Blower Outlet Pressure/Blower Inlet Vac 301 Operating: Yes 302 Operating: No			7.03 / -27.67			
Blower hour meter functioning 301			Yes	Hours: 5125		
Blower hour meter functioning 302			Yes	Hours: 7229		
Current Blower Amps			301: 42 302: 0			
Non-Running Blower Rotated			Yes	Switched blowers		
Check Drains and Liquids Drained Properly			301: Yes	Date:		
			302: Yes			
Bearing Temp			301 Inlet: 60 301 Outlet: 73.5	302 Inlet: 302 Outlet:		
<b>Knock Out Pot</b>						
Inspect Tank and Site Glass			Yes			
Pump Working			Yes			
Inspect Piping and Valves for Leaks/Damage			Yes			
Vac IN – OUT – DP			IN: – OUT: -27.67 – DP: -26.15			
<b>Flare Station Integrity</b>						
Foundation Condition			Yes			
Piping, valves, electrical in sound condition			Yes			
<b>Compressor</b>						
Lower Compressor 1 No Hours: 0 run 0 load 0 PSI						
Lower Compressor 2 Yes Hours: 20161 run 29240 load 102 PSI						
Comments: Power Plant is down for 5 hours. Restarted compressor 1.						

Attachment D  
Highway 92 Closure Notifications





CHP Redwood City

@CHP\_RedwoodCity · Follow



No ETO is available yet on how long SR-92 westbound will be closed from upper SR-35 to Pilarcitos Creek Road but here are some daytime pictures of the sinkhole. Plan your trip and leave early enough so you are not rushing to your destination. Drive safe!



1:25 PM · Jan 12, 2023



146



Reply



Share

Read 10 replies



Open in the NBC Bay Area app



January 24, 2023

Mr. Jeffrey Gove  
Director of Compliance and Enforcement  
Bay Area Air Quality Management District  
Attn: Title V Reports  
375 Beale Street, Suite 600  
San Francisco, CA 94105

**Transmitted via E-mail**

Re: Combined 10/30-day Title V Report and 30-day Breakdown Follow-up Letter  
Reportable Compliance Activity IDs 08Q07 (breakdown) and 08Q08 (excursion)  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of the Ox Mountain Landfill (Ox Mountain) (Facility Number A2266), submits this Combined 10/30-Day Title V Report and 30-Day Breakdown Follow-Up Letter for the Breakdown Relief Request submitted to the Bay Area Air Quality Management District (BAAQMD) per the requirements of BAAQMD Compliance and Enforcement Breakdown Guidelines. This letter also satisfies the 10 and 30-day Title V Report requirements and Title V Permit Condition Section I.F (Monitoring Reports). Pursuant to Title V Permit Condition Number 818 Part 3(a), the gas collection and control system (GCCS) shall remain in continuous operation. On January 16, 2023, the GCCS shutdown for more than one hour, requiring a breakdown notification. On the same day, a Reportable Compliance Activity (RCA) notification was submitted to the BAAQMD requesting breakdown relief and to report a parametric excursion for the GCCS downtime event. RCA Notification IDs 08Q07 (breakdown) and 08Q08 (excursion) have been assigned to this event. BFIC respectfully requests that the BAAQMD grant breakdown relief for this event.

### **Background**

At approximately 8:21 PM on January 15, 2023, the A-7 Flare automatically shut down due to a flame failure alarm. A Tetra Tech (TT) technician was dispatched to Ox Mountain as soon as possible following the shutdown. The continued closure of Hwy 92, the main access to the landfill, delayed the response time of the technician. Once the technician arrived on site, they performed an inspection of flare facility and attempted to restart the A-7 Flare but were unable to stabilize it due to severe weather. The flare remained off-line, and the technician left site at 11:45 PM with the Ameresco Landfill Gas to Energy (LFGTE) facility and GCCS still operational. The Ameresco LFGTE facility shut down shortly after at 2:32 AM on January 16, 2023 resulting in a GCCS downtime event over one hour. Both the A-7 Flare and the LFGTE facility remained off-line due to the time of day of the shutdown and inclement weather. Technicians returned to the site at 6:00 AM and discovered that the white tank (condensate collection tank) had filled again causing the shutdown of the LFGTE facility. TT technicians repaired the loose flex hose connection at the tank, and after the condensate tank had been drained, restarted the A-7 flare at 7:31 AM. Note, during shutdowns of this nature, landfill gas (LFG) flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

## **Corrective Actions**

This event took place after operating hours; therefore, no onsite personnel for Ox Mountain or Ameresco were present at the time of shutdown to inspect and restart the control devices. Ox Mountain has on-call personnel from TT and Ameresco has their own personnel to respond to GCCS shutdown events afterhours for emergencies 24 hours a day, 7 days per week. Response time for TT technicians and Ameresco personnel is typically within 30-45 minutes, but this can vary depending on the time of day as well as traffic and weather conditions. Due to the recent severe weather Highway 92, westbound remained closed due to a sinkhole, requiring technicians again to detour and access the highway from the West. Attachment D shows notifications of the closures.

TT technicians arrived onsite at 6:00 AM on January 16, 2023, and inspected the GCCS, blower flare station components and flares for damage in accordance with their inspection and pre-startup procedures. They discovered that a flex hose connection near the white tank (condensate collection tank) had loosened. They realigned the pipe and reconnected the flex hose. TT technicians inspected the white tank and audible liquid could be heard inside. It was discovered that the valve exiting the white tank had been closed again to prevent the leachate tanks downstream from overflowing with the liquid draining from the white tank as well as the liquids from the site. The excess water and pressure caused the flex hose to loosen allowing oxygen (O<sub>2</sub>) intrusion into the system. The technicians opened the drainage valve to drain the white tank while Ox Mountain personnel pumped the excess liquid from the leachate tanks. Once the liquid had been drained, the technicians were able to restart the A-7 Flare at 7:31 AM.

Under normal circumstances, the white tank drains to the leachate tanks downstream in order to maintain a low liquid level. The recent atmospheric rivers in the Bay Area have resulted in excess water onsite. Due to this increase in water/rain, BFIC has begun to pump out the tanks on a more frequent basis and has brought in additional temporary storage to assist with liquid management at Ox Mountain in order to minimize further shutdowns as a result of the weather. Generally, the A-7 Flare operates 24 hours per day; however, due to severe weather on January 15, 2022, the flare was unable to be restarted and remained offline. At that time, the Ameresco LFGTE facility was operating and the GCCS was active until the LFGTE facility shut down due to a high O<sub>2</sub> concentration as a result of the white tank liquid levels. This is a situation that BFIC could not have foreseen as the weather is unprecedented for this area.

During this period of downtime, applicable inspection and maintenance (I&M) measures were taken pursuant to BAAQMD Regulation 8, Rule 34, Section 113 (8-34-113), which allows for up to 240 hours of GCCS downtime in any calendar year to allow for I&M of the GCCS. Excess emissions did not occur during this event. The control devices at Ox Mountain have automated features that isolate the GCCS. This prevents emissions from the GCCS when the control devices are not in operation. At the time of this submittal, the GCCS is operating within normal parameters. BFIC respectfully requests that the BAAQMD grant breakdown relief for this event as the shutdown was out of their control.

## **Conclusion**

The RCA Notification was submitted per BAAQMD Regulation 1 Section 112 and the related excursion event per verbal guidance from a previous BAAMQD inspector, and out of an abundance of caution.

Although a request for breakdown relief is being submitted per BAAQMD guidelines, there was no "breakdown" of any Ox Mountain-owned control device or does BFIC believe that a parametric excursion occurred when the flares were offline, because there was no excursion from operating limits

Mr. Jeffery Gove  
January 24, 2023  
Page 3

and no missing operating data. As BFIC has stated in past letters, they believe BAAQMD's Rule 1-523.3 only requires the reporting of parametric monitoring excursions when the monitoring equipment shows an exceedance of a permit condition when the flare is operating, not when it is shutdown, as no parametric monitoring data is being collected when the flare(s) is/are shut down

With the submittal of this combined notification, BFIC has completed all reporting requirements for the event within the required timeframes. BFIC is committed to operating its systems in compliance with all applicable regulations and will continue to ensure future compliance.

If you have any questions or require additional information, please do not hesitate to contact me at (650)713-3632 or by email at [KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com) or Kendra Kent at (520) 526-7270 or by email at [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com).

Sincerely,

*Kelly McDonnell*

Kelly McDonnell  
Environmental Manager  
Ox Mountain Landfill

Attachment:   A – RCA Form IDs 08Q07 (breakdown) and 08Q08 (excursion)  
                  B – A-7 Flare Data – January 13, 2023 through January 17, 2023  
                  C – Weekly Flare Inspection Form from January 12, 2023  
                  D – Highway 92 Closure Notifications

cc:           Travis Armstrong, BFIC  
              Ben Wade, BFIC  
              Kendra Kent, Tetra Tech  
              Romelle Guittap, BAAQMD

Attachment A  
RCA Form IDs 08Q07 (breakdown) and 08Q08 (excursion)



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

[See back of form for instructions](#) →

1.  **BREAKDOWN RELIEF: District Use Only BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION District Use Only REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: District Use Only REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): District Use Only PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kendra Kent	Phone #	(520) 275-0189
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	4 hours 59 minutes
Start Time/Date	1/16/2023 at 2:32 AM	Clear Time	1/16/2023 at 7:31 AM
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
		<input checked="" type="checkbox"/> ▶ Other (describe) scfm	

**Event Description:** At approximately 8:21 PM on 1/15/2023, the A-7 Flare automatically shut down due to a flame failure alarm. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. The continued closure of Hwy 92, the main access to the landfill, delayed the response time of the technician. Once the technician arrived on site, they performed an inspection of flare facility and attempted to restart the A-7 Flare but were unable to stabilize it. The flare remained off-line and the technician left site at 11:45 PM with the Ameresco Landfill Gas to Energy (LFGTE) facility still operational. The Ameresco LFGTE facility shut down shortly after at 2:32 AM on 1/16/2023 resulting in a GCCS downtime event over one hour. Both the A-7 Flare and the LFGTE facility remained off-line overnight. Technicians returned early the morning (1/16/2023) and the A-7 flare was restarted at 7:31 AM after technicians were able to locate and repair a flex hose that was causing an oxygen leak. Additional details regarding this event will be detailed in the 10-day Breakdown report. Note, during shutdowns of this nature, LFG flow from the GCCS to the abatement devices is automatically stopped. There were no excess emissions during the downtime event.

### District Use Only

Received by

Date

Time

### General Instructions

Attachment B

A-7 Flare Data – January 13, 2023 through January 17, 2023

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	00:00:00		0.000	1464	1491	1520	1550	
2023/01/13	00:02:00		0.000	1462	1495	1525	1573	
2023/01/13	00:04:00		0.000	1439	1486	1485	1583	
2023/01/13	00:06:00		0.000	1424	1472	1471	1486	
2023/01/13	00:08:00		0.000	1438	1458	1486	1538	
2023/01/13	00:10:00		0.000	1438	1468	1538	1563	
2023/01/13	00:12:00		0.000	1451	1473	1549	1561	
2023/01/13	00:14:00		0.000	1457	1486	1539	1566	
2023/01/13	00:16:00		0.000	1466	1488	1538	1569	
2023/01/13	00:18:00		0.000	1463	1489	1528	1565	
2023/01/13	00:20:00		0.000	1445	1489	1515	1528	
2023/01/13	00:22:00		0.000	1436	1475	1504	1527	
2023/01/13	00:24:00		0.000	1420	1457	1510	1527	
2023/01/13	00:26:00		0.000	1423	1462	1526	1561	
2023/01/13	00:28:00		0.000	1434	1462	1526	1544	
2023/01/13	00:30:00		0.000	1440	1464	1537	1546	
2023/01/13	00:32:00		0.000	1439	1471	1545	1586	
2023/01/13	00:34:00		0.000	1442	1479	1563	1578	
2023/01/13	00:36:00		0.000	1431	1479	1549	1564	
2023/01/13	00:38:00		0.000	1456	1477	1548	1566	
2023/01/13	00:40:00		0.000	1450	1480	1550	1586	
2023/01/13	00:42:00		0.000	1452	1488	1467	1550	
2023/01/13	00:44:00		0.000	1450	1486	1466	1512	
2023/01/13	00:46:00		0.000	1454	1482	1502	1564	
2023/01/13	00:48:00		0.000	1457	1483	1550	1566	
2023/01/13	00:50:00		0.000	1455	1484	1535	1566	
2023/01/13	00:52:00		0.000	1448	1484	1526	1565	
2023/01/13	00:54:00		0.000	1452	1483	1539	1566	
2023/01/13	00:56:00		0.000	1456	1480	1528	1551	
2023/01/13	00:58:00		0.000	1452	1480	1539	1551	
2023/01/13	01:00:00		0.000	1444	1480	1538	1551	
2023/01/13	01:02:00		0.000	1448	1476	1499	1551	
2023/01/13	01:04:00		0.000	1452	1483	1510	1538	
2023/01/13	01:06:00		0.000	1456	1480	1538	1553	
2023/01/13	01:08:00		0.000	1445	1487	1525	1561	
2023/01/13	01:10:00		0.000	1450	1476	1526	1552	
2023/01/13	01:12:00		0.000	1448	1477	1533	1553	
2023/01/13	01:14:00		0.000	1437	1473	1533	1545	
2023/01/13	01:16:00		0.000	1444	1472	1528	1539	
2023/01/13	01:18:00		0.000	1440	1472	1529	1554	
2023/01/13	01:20:00		0.000	1439	1474	1545	1556	



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	01:22:00		0.000	1439	1475	1530		1547
2023/01/13	01:24:00		0.000	1441	1471	1525		1554
2023/01/13	01:26:00		0.000	1441	1472	1554		1582
2023/01/13	01:28:00		0.000	1437	1464	1557		1572
2023/01/13	01:30:00		0.000	1441	1465	1528		1557
2023/01/13	01:32:00		0.000	1439	1464	1526		1550
2023/01/13	01:34:00		0.000	1431	1462	1531		1547
2023/01/13	01:36:00		0.000	1437	1472	1536		1544
2023/01/13	01:38:00		0.000	1428	1460	1525		1543
2023/01/13	01:40:00		0.000	1439	1468	1524		1539
2023/01/13	01:42:00		0.000	1435	1468	1518		1539
2023/01/13	01:44:00		0.000	1437	1469	1537		1560
2023/01/13	01:46:00		0.000	1433	1465	1534		1559
2023/01/13	01:48:00		0.000	1436	1458	1550		1583
2023/01/13	01:50:00		0.000	1435	1462	1518		1550
2023/01/13	01:52:00		0.000	1435	1465	1528		1535
2023/01/13	01:54:00		0.000	1428	1457	1527		1545
2023/01/13	01:56:00		0.000	1426	1457	1518		1543
2023/01/13	01:58:00		0.000	1428	1459	1541		1558
2023/01/13	02:00:00		0.000	1428	1462	1549		1576
2023/01/13	02:02:00		0.000	1439	1464	1550		1576
2023/01/13	02:04:00		0.000	1431	1466	1541		1555
2023/01/13	02:06:00		0.000	1442	1468	1533		1556
2023/01/13	02:08:00		0.000	1431	1472	1540		1557
2023/01/13	02:10:00		0.000	1437	1468	1532		1544
2023/01/13	02:12:00		0.000	1438	1474	1517		1533
2023/01/13	02:14:00		0.000	1437	1468	1518		1542
2023/01/13	02:16:00		0.000	1446	1472	1525		1561
2023/01/13	02:18:00		0.000	1436	1469	1549		1568
2023/01/13	02:20:00		0.000	1450	1473	1555		1565
2023/01/13	02:22:00		0.000	1441	1475	1539		1570
2023/01/13	02:24:00		0.000	1449	1477	1556		1569
2023/01/13	02:26:00		0.000	1442	1464	1517		1561
2023/01/13	02:28:00		0.000	1437	1461	1492		1517
2023/01/13	02:30:00		0.000	1429	1456	1506		1537
2023/01/13	02:32:00		0.000	1426	1450	1493		1534
2023/01/13	02:34:00		0.000	1411	1445	1526		1541
2023/01/13	02:36:00		0.000	1407	1445	1520		1560
2023/01/13	02:38:00		0.000	1410	1447	1560		1568
2023/01/13	02:40:00		0.000	1412	1453	1561		1574
2023/01/13	02:42:00		0.000	1424	1455	1542		1572

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	02:44:00		0.000	1419	1455	1538		1550
2023/01/13	02:46:00		0.000	1428	1457	1523		1555
2023/01/13	02:48:00		0.000	1427	1465	1504		1525
2023/01/13	02:50:00		0.000	1427	1457	1512		1537
2023/01/13	02:52:00		0.000	1437	1464	1519		1545
2023/01/13	02:54:00		0.000	1437	1463	1542		1566
2023/01/13	02:56:00		0.000	1434	1470	1557		1571
2023/01/13	02:58:00		0.000	1442	1475	1555		1573
2023/01/13	03:00:00		0.000	1445	1468	1545		1564
2023/01/13	03:02:00		0.000	1446	1479	1525		1545
2023/01/13	03:04:00		0.000	1442	1477	1523		1527
2023/01/13	03:06:00		0.000	1448	1475	1515		1528
2023/01/13	03:08:00		0.000	1445	1472	1514		1539
2023/01/13	03:10:00		0.000	1444	1472	1525		1556
2023/01/13	03:12:00		0.000	1437	1468	1541		1568
2023/01/13	03:14:00		0.000	1445	1474	1545		1566
2023/01/13	03:16:00		0.000	1436	1468	1525		1569
2023/01/13	03:18:00		0.000	1439	1468	1520		1529
2023/01/13	03:20:00		0.000	1431	1465	1527		1559
2023/01/13	03:22:00		0.000	1439	1468	1543		1558
2023/01/13	03:24:00		0.000	1439	1465	1530		1554
2023/01/13	03:26:00		0.000	1428	1463	1516		1531
2023/01/13	03:28:00		0.000	1434	1457	1530		1552
2023/01/13	03:30:00		0.000	1431	1460	1535		1545
2023/01/13	03:32:00		0.000	1426	1463	1518		1536
2023/01/13	03:34:00		0.000	1435	1463	1518		1563
2023/01/13	03:36:00		0.000	1435	1468	1563		1589
2023/01/13	03:38:00		0.000	1431	1462	1547		1570
2023/01/13	03:40:00		0.000	1424	1460	1541		1560
2023/01/13	03:42:00		0.000	1433	1462	1531		1545
2023/01/13	03:44:00		0.000	1423	1457	1502		1531
2023/01/13	03:46:00		0.000	1430	1461	1512		1526
2023/01/13	03:48:00		0.000	1428	1463	1525		1561
2023/01/13	03:50:00		0.000	1428	1457	1531		1568
2023/01/13	03:52:00		0.000	1426	1462	1531		1569
2023/01/13	03:54:00		0.000	1417	1462	1541		1569
2023/01/13	03:56:00		0.000	1422	1453	1528		1556
2023/01/13	03:58:00		0.000	1419	1455	1518		1544
2023/01/13	04:00:00		0.000	1427	1457	1537		1550
2023/01/13	04:02:00		0.000	1419	1457	1539		1547
2023/01/13	04:04:00		0.000	1407	1448	1515		1550

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/13	04:06:00		0.000	1409	1446	1518	1533
2023/01/13	04:08:00		0.000	1416	1445	1518	1554
2023/01/13	04:10:00		0.000	1415	1444	1547	1567
2023/01/13	04:12:00		0.000	1418	1449	1515	1547
2023/01/13	04:14:00		0.000	1416	1446	1515	1533
2023/01/13	04:16:00		0.000	1428	1462	1524	1571
2023/01/13	04:18:00		0.000	1441	1473	1549	1571
2023/01/13	04:20:00		0.000	1448	1479	1558	1582
2023/01/13	04:22:00		0.000	1446	1479	1558	1577
2023/01/13	04:24:00		0.000	1435	1471	1504	1558
2023/01/13	04:26:00		0.000	1428	1461	1500	1522
2023/01/13	04:28:00		0.000	1424	1457	1520	1547
2023/01/13	04:30:00		0.000	1425	1451	1508	1532
2023/01/13	04:32:00		0.000	1417	1450	1527	1545
2023/01/13	04:34:00		0.000	1412	1445	1523	1553
2023/01/13	04:36:00		0.000	1415	1450	1547	1559
2023/01/13	04:38:00		0.000	1423	1460	1553	1565
2023/01/13	04:40:00		0.000	1436	1468	1553	1574
2023/01/13	04:42:00		0.000	1445	1472	1547	1574
2023/01/13	04:44:00		0.000	1445	1474	1543	1559
2023/01/13	04:46:00		0.000	1436	1464	1530	1544
2023/01/13	04:48:00		0.000	1428	1457	1523	1543
2023/01/13	04:50:00		0.000	1414	1453	1512	1536
2023/01/13	04:52:00		0.000	1411	1451	1506	1533
2023/01/13	04:54:00		0.000	1415	1445	1517	1541
2023/01/13	04:56:00		0.000	1406	1442	1526	1551
2023/01/13	04:58:00		0.000	1406	1441	1517	1549
2023/01/13	05:00:00		0.000	1416	1446	1546	1558
2023/01/13	05:02:00		0.000	1417	1453	1553	1572
2023/01/13	05:04:00		0.000	1431	1463	1564	1589
2023/01/13	05:06:00		0.000	1433	1468	1540	1580
2023/01/13	05:08:00		0.000	1431	1465	1527	1560
2023/01/13	05:10:00		0.000	1424	1457	1529	1536
2023/01/13	05:12:00		0.000	1425	1458	1525	1531
2023/01/13	05:14:00		0.000	1409	1451	1520	1530
2023/01/13	05:16:00		0.000	1409	1447	1516	1534
2023/01/13	05:18:00		0.000	1406	1442	1529	1547
2023/01/13	05:20:00		0.000	1409	1440	1539	1557
2023/01/13	05:22:00		0.000	1413	1446	1543	1551
2023/01/13	05:24:00		0.000	1419	1451	1545	1553
2023/01/13	05:26:00		0.000	1424	1455	1551	1579

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		MIN	MAX
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	05:28:00		0.000	1433	1467	1562	1580	
2023/01/13	05:30:00		0.000	1436	1465	1537	1562	
2023/01/13	05:32:00		0.000	1422	1460	1528	1553	
2023/01/13	05:34:00		0.000	1421	1451	1507	1528	
2023/01/13	05:36:00		0.000	1417	1448	1502	1525	
2023/01/13	05:38:00		0.000	1415	1439	1523	1550	
2023/01/13	05:40:00		0.000	1402	1445	1544	1554	
2023/01/13	05:42:00		0.000	1412	1440	1545	1553	
2023/01/13	05:44:00		0.000	1400	1433	1534	1545	
2023/01/13	05:46:00		0.000	1402	1442	1537	1555	
2023/01/13	05:48:00		0.000	1409	1441	1545	1561	
2023/01/13	05:50:00		0.000	1406	1444	1528	1545	
2023/01/13	05:52:00		0.000	1406	1443	1523	1547	
2023/01/13	05:54:00		0.000	1414	1448	1522	1550	
2023/01/13	05:56:00		0.000	1413	1446	1511	1543	
2023/01/13	05:58:00		0.000	1417	1451	1531	1581	
2023/01/13	06:00:00		0.000	1425	1453	1563	1582	
2023/01/13	06:02:00		0.000	1417	1458	1533	1567	
2023/01/13	06:04:00		0.000	1419	1453	1533	1550	
2023/01/13	06:06:00		0.000	1417	1453	1527	1551	
2023/01/13	06:08:00		0.000	1426	1453	1525	1546	
2023/01/13	06:10:00		0.000	1415	1446	1494	1526	
2023/01/13	06:12:00		0.000	1411	1443	1526	1546	
2023/01/13	06:14:00		0.000	1406	1435	1537	1556	
2023/01/13	06:16:00		0.000	1395	1428	1534	1556	
2023/01/13	06:18:00		0.000	1387	1425	1510	1537	
2023/01/13	06:20:00		0.000	1400	1433	1521	1553	
2023/01/13	06:22:00		0.000	1400	1441	1553	1573	
2023/01/13	06:24:00		0.000	1411	1442	1553	1574	
2023/01/13	06:26:00		0.000	1417	1450	1547	1567	
2023/01/13	06:28:00		0.000	1415	1451	1549	1566	
2023/01/13	06:30:00		0.000	1419	1451	1522	1561	
2023/01/13	06:32:00		0.000	1413	1451	1502	1522	
2023/01/13	06:34:00		0.000	1417	1451	1520	1534	
2023/01/13	06:36:00		0.000	1417	1445	1524	1547	
2023/01/13	06:38:00		0.000	1417	1439	1541	1558	
2023/01/13	06:40:00		0.000	1407	1437	1547	1561	
2023/01/13	06:42:00		0.000	1409	1445	1545	1566	
2023/01/13	06:44:00		0.000	1406	1439	1512	1546	
2023/01/13	06:46:00		0.000	1406	1439	1522	1551	
2023/01/13	06:48:00		0.000	1404	1435	1531	1556	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	06:50:00		0.000	1406	1435	1533		1554
2023/01/13	06:52:00		0.000	1406	1437	1544		1556
2023/01/13	06:54:00		0.000	1396	1435	1525		1549
2023/01/13	06:56:00		0.000	1392	1431	1520		1532
2023/01/13	06:58:00		0.000	1399	1435	1519		1553
2023/01/13	07:00:00		0.000	1394	1435	1515		1543
2023/01/13	07:02:00		0.000	1404	1431	1520		1537
2023/01/13	07:04:00		0.000	1398	1431	1537		1550
2023/01/13	07:06:00		0.000	1383	1427	1550		1558
2023/01/13	07:08:00		0.000	1388	1426	1533		1550
2023/01/13	07:10:00		0.000	1392	1417	1520		1547
2023/01/13	07:12:00		0.000	1394	1428	1520		1559
2023/01/13	07:14:00		0.000	1390	1424	1541		1560
2023/01/13	07:16:00		0.000	1387	1425	1522		1541
2023/01/13	07:18:00		0.000	1383	1423	1524		1539
2023/01/13	07:20:00		0.000	1386	1417	1520		1541
2023/01/13	07:22:00		0.000	1382	1419	1537		1545
2023/01/13	07:24:00		0.000	1372	1409	1543		1553
2023/01/13	07:26:00		0.000	1375	1417	1548		1551
2023/01/13	07:28:00		0.000	1363	1408	1545		1550
2023/01/13	07:30:00		0.000	1373	1414	1536		1549
2023/01/13	07:32:00		0.000	1376	1414	1547		1566
2023/01/13	07:34:00		0.000	1373	1411	1525		1554
2023/01/13	07:36:00		0.000	1368	1408	1531		1553
2023/01/13	07:38:00		0.000	1355	1406	1547		1558
2023/01/13	07:40:00		0.000	1372	1406	1541		1551
2023/01/13	07:42:00		0.000	1370	1409	1529		1547
2023/01/13	07:44:00		0.000	1368	1399	1539		1549
2023/01/13	07:46:00		0.000	1363	1400	1537		1550
2023/01/13	07:48:00		0.000	1372	1407	1531		1546
2023/01/13	07:50:00		0.000	1361	1404	1532		1551
2023/01/13	07:52:00		0.000	1358	1396	1497		1533
2023/01/13	07:54:00		0.000	1361	1400	1510		1562
2023/01/13	07:56:00		0.000	1365	1398	1537		1563
2023/01/13	07:58:00		0.000	1357	1397	1532		1550
2023/01/13	08:00:00		0.000	1357	1390	1549		1553
2023/01/13	08:02:00		0.000	1362	1406	1541		1552
2023/01/13	08:04:00		0.000	1358	1406	1541		1558
2023/01/13	08:06:00		0.000	1369	1407	1555		1569
2023/01/13	08:08:00		0.000	1380	1408	1527		1569
2023/01/13	08:10:00		0.000	1387	1419	1548		1558

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/13	08:12:00		0.000	1376	1411	1528	1553
2023/01/13	08:14:00		0.000	1355	1395	1504	1530
2023/01/13	08:16:00		0.000	1359	1391	1506	1530
2023/01/13	08:18:00		0.000	1357	1392	1527	1538
2023/01/13	08:20:00		0.000	1336	1393	1524	1548
2023/01/13	08:22:00		0.000	1339	1398	1548	1558
2023/01/13	08:24:00		0.000	1354	1398	1558	1572
2023/01/13	08:26:00		0.000	1363	1402	1560	1573
2023/01/13	08:28:00		0.000	1371	1406	1547	1562
2023/01/13	08:30:00		0.000	1370	1407	1543	1561
2023/01/13	08:32:00		0.000	1366	1404	1539	1547
2023/01/13	08:34:00		0.000	1376	1411	1526	1540
2023/01/13	08:36:00		0.000	1376	1408	1527	1539
2023/01/13	08:38:00		0.000	1369	1406	1537	1545
2023/01/13	08:40:00		0.000	1374	1408	1534	1551
2023/01/13	08:42:00		0.000	1368	1406	1544	1560
2023/01/13	08:44:00		0.000	1358	1398	1522	1553
2023/01/13	08:46:00		0.000	1325	1380	1508	1530
2023/01/13	08:48:00		0.000	1349	1380	1505	1516
2023/01/13	08:50:00		0.000	1354	1392	1516	1539
2023/01/13	08:52:00		0.000	1372	1403	1539	1563
2023/01/13	08:54:00		0.000	1372	1417	1557	1574
2023/01/13	08:56:00		0.000	1383	1413	1573	1595
2023/01/13	08:58:00		0.000	1376	1416	1536	1578
2023/01/13	09:00:00		0.000	1368	1407	1531	1548
2023/01/13	09:02:00		0.000	1354	1394	1514	1531
2023/01/13	09:04:00		0.000	1349	1380	1502	1514
2023/01/13	09:06:00		0.000	1329	1372	1505	1523
2023/01/13	09:08:00		0.000	1333	1385	1523	1542
2023/01/13	09:10:00		0.000	1335	1383	1539	1561
2023/01/13	09:12:00		0.000	1358	1390	1560	1578
2023/01/13	09:14:00		0.000	1360	1393	1562	1569
2023/01/13	09:16:00		0.000	1363	1396	1553	1571
2023/01/13	09:18:00		0.000	1368	1395	1551	1564
2023/01/13	09:20:00		0.000	1357	1397	1524	1551
2023/01/13	09:22:00		0.000	1372	1400	1520	1549
2023/01/13	09:24:00		0.000	1385	1415	1539	1549
2023/01/13	09:26:00		0.000	1376	1407	1541	1561
2023/01/13	09:28:00		0.000	1378	1406	1551	1568
2023/01/13	09:30:00		0.000	1372	1416	1549	1566
2023/01/13	09:32:00		0.000	1358	1409	1508	1549

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	09:34:00		0.000	1354	1395	1487		1508
2023/01/13	09:36:00		0.000	1355	1395	1500		1529
2023/01/13	09:38:00		0.000	1339	1388	1495		1532
2023/01/13	09:40:00		0.000	1340	1378	1490		1550
2023/01/13	09:42:00		0.000	1339	1375	1539		1556
2023/01/13	09:44:00		0.000	1338	1378	1532		1553
2023/01/13	09:46:00		0.000	1343	1383	1527		1552
2023/01/13	09:48:00		0.000	1341	1383	1552		1568
2023/01/13	09:50:00		0.000	1350	1383	1520		1560
2023/01/13	09:52:00		0.000	1352	1390	1534		1559
2023/01/13	09:54:00		0.000	1360	1400	1549		1557
2023/01/13	09:56:00		0.000	1356	1394	1549		1570
2023/01/13	09:58:00		0.000	1347	1402	1549		1568
2023/01/13	10:00:00		0.000	1364	1396	1535		1556
2023/01/13	10:02:00		0.000	1372	1405	1532		1549
2023/01/13	10:04:00		0.000	1369	1404	1545		1572
2023/01/13	10:06:00		0.000	1377	1408	1549		1570
2023/01/13	10:08:00		0.000	1372	1407	1538		1558
2023/01/13	10:10:00		0.000	1381	1443	1538		1581
2023/01/13	10:12:00		0.000	1363	1425	1510		1582
2023/01/13	10:14:00		0.000	1354	1402	1494		1510
2023/01/13	10:16:00		0.000	1360	1392	1489		1504
2023/01/13	10:18:00		0.000	1351	1390	1496		1532
2023/01/13	10:20:00		0.000	1352	1398	1526		1556
2023/01/13	10:22:00		0.000	1360	1410	1556		1571
2023/01/13	10:24:00		0.000	1378	1419	1571		1588
2023/01/13	10:26:00		0.000	1388	1422	1561		1583
2023/01/13	10:28:00		0.000	1388	1417	1539		1561
2023/01/13	10:30:00		0.000	1384	1415	1514		1555
2023/01/13	10:32:00		0.000	1372	1419	1504		1526
2023/01/13	10:34:00		0.000	1370	1404	1511		1531
2023/01/13	10:36:00		0.000	1372	1406	1503		1532
2023/01/13	10:38:00		0.000	1361	1406	1528		1555
2023/01/13	10:40:00		0.000	1366	1402	1537		1555
2023/01/13	10:42:00		0.000	1380	1421	1534		1556
2023/01/13	10:44:00		0.000	1394	1430	1546		1578
2023/01/13	10:46:00		0.000	1400	1435	1563		1591
2023/01/13	10:48:00		0.000	1399	1431	1527		1575
2023/01/13	10:50:00		0.000	1383	1424	1485		1527
2023/01/13	10:52:00		0.000	1380	1426	1504		1549
2023/01/13	10:54:00		0.000	1379	1416	1528		1549

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/13	10:56:00		0.000	1376	1409	1514	1535
2023/01/13	10:58:00		0.000	1365	1405	1534	1551
2023/01/13	11:00:00		0.000	1365	1400	1506	1539
2023/01/13	11:02:00		0.000	1365	1411	1517	1543
2023/01/13	11:04:00		0.000	1382	1416	1538	1579
2023/01/13	11:06:00		0.000	1392	1418	1572	1592
2023/01/13	11:08:00		0.000	1396	1432	1539	1587
2023/01/13	11:10:00		0.000	1402	1436	1526	1566
2023/01/13	11:12:00		0.000	1405	1439	1526	1541
2023/01/13	11:14:00		0.000	1392	1429	1537	1547
2023/01/13	11:16:00		0.000	1392	1428	1525	1545
2023/01/13	11:18:00		0.000	1378	1417	1516	1542
2023/01/13	11:20:00		0.000	1380	1417	1522	1547
2023/01/13	11:22:00		0.000	1380	1413	1528	1543
2023/01/13	11:24:00		0.000	1381	1410	1533	1548
2023/01/13	11:26:00		0.000	1383	1419	1534	1561
2023/01/13	11:28:00		0.000	1388	1419	1549	1564
2023/01/13	11:30:00		0.000	1383	1425	1523	1566
2023/01/13	11:32:00		0.000	1391	1424	1520	1567
2023/01/13	11:34:00		0.000	1396	1428	1567	1576
2023/01/13	11:36:00		0.000	1402	1432	1556	1578
2023/01/13	11:38:00		0.000	1400	1433	1547	1558
2023/01/13	11:40:00		0.000	1400	1439	1518	1553
2023/01/13	11:42:00		0.000	1403	1431	1507	1533
2023/01/13	11:44:00		0.000	1404	1441	1512	1542
2023/01/13	11:46:00		0.000	1396	1448	1520	1560
2023/01/13	11:48:00		0.000	1402	1442	1560	1574
2023/01/13	11:50:00		0.000	1404	1441	1551	1574
2023/01/13	11:52:00		0.000	1414	1441	1531	1568
2023/01/13	11:54:00		0.000	1420	1452	1545	1553
2023/01/13	11:56:00		0.000	1426	1451	1546	1562
2023/01/13	11:58:00		0.000	1424	1460	1542	1564
2023/01/13	12:00:00		0.000	1441	1474	1541	1572
2023/01/13	12:02:00		0.000	1446	1480	1556	1573
2023/01/13	12:04:00		0.000	1457	1492	1548	1566
2023/01/13	12:06:00		0.000	1473	1496	1543	1556
2023/01/13	12:08:00		0.000	1472	1501	1540	1550
2023/01/13	12:10:00		0.000	1474	1496	1530	1556
2023/01/13	12:12:00		0.000	1468	1496	1528	1545
2023/01/13	12:14:00		0.000	1468	1497	1533	1559
2023/01/13	12:16:00		0.000	1468	1491	1516	1559



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Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	12:18:00		0.000	1453	1485	1512		1539
2023/01/13	12:20:00		0.000	1451	1484	1494		1549
2023/01/13	12:22:00		0.000	1450	1479	1537		1564
2023/01/13	12:24:00		0.000	1448	1480	1532		1561
2023/01/13	12:26:00		0.000	1428	1468	1537		1558
2023/01/13	12:28:00		0.000	1441	1472	1534		1545
2023/01/13	12:30:00		0.000	1435	1469	1538		1545
2023/01/13	12:32:00		0.000	1435	1468	1516		1549
2023/01/13	12:34:00		0.000	1437	1471	1520		1549
2023/01/13	12:36:00		0.000	1428	1473	1530		1544
2023/01/13	12:38:00		0.000	1441	1467	1535		1555
2023/01/13	12:40:00		0.000	1441	1477	1547		1556
2023/01/13	12:42:00		0.000	1453	1485	1550		1583
2023/01/13	12:44:00		0.000	1458	1483	1531		1581
2023/01/13	12:46:00		0.000	1458	1501	1531		1561
2023/01/13	12:48:00		0.000	1472	1497	1519		1552
2023/01/13	12:50:00		0.000	1461	1494	1520		1545
2023/01/13	12:52:00		0.000	1452	1486	1518		1550
2023/01/13	12:54:00		0.000	1459	1483	1520		1542
2023/01/13	12:56:00		0.000	1449	1479	1524		1549
2023/01/13	12:58:00		0.000	1439	1476	1534		1560
2023/01/13	13:00:00		0.000	1441	1468	1538		1558
2023/01/13	13:02:00		0.000	1439	1473	1510		1538
2023/01/13	13:04:00		0.000	1451	1484	1526		1548
2023/01/13	13:06:00		0.000	1458	1492	1547		1570
2023/01/13	13:08:00		0.000	1458	1502	1558		1579
2023/01/13	13:10:00		0.000	1472	1496	1536		1573
2023/01/13	13:12:00		0.000	1472	1500	1534		1561
2023/01/13	13:14:00		0.000	1463	1494	1540		1549
2023/01/13	13:16:00		0.000	1451	1485	1512		1558
2023/01/13	13:18:00		0.000	1452	1488	1504		1527
2023/01/13	13:20:00		0.000	1450	1484	1496		1528
2023/01/13	13:22:00		0.000	1449	1480	1528		1566
2023/01/13	13:24:00		0.000	1448	1472	1547		1561
2023/01/13	13:26:00		0.000	1453	1479	1533		1565
2023/01/13	13:28:00		0.000	1460	1487	1553		1576
2023/01/13	13:30:00		0.000	1468	1496	1549		1569
2023/01/13	13:32:00		0.000	1462	1495	1541		1561
2023/01/13	13:34:00		0.000	1469	1494	1523		1541
2023/01/13	13:36:00		0.000	1470	1493	1523		1535
2023/01/13	13:38:00		0.000	1452	1496	1516		1533

# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	13:40:00		0.000	1458	1485	1531	1541	
2023/01/13	13:42:00		0.000	1460	1486	1523	1560	
2023/01/13	13:44:00		0.000	1457	1490	1558	1570	
2023/01/13	13:46:00		0.000	1455	1485	1544	1568	
2023/01/13	13:48:00		0.000	1451	1480	1534	1559	
2023/01/13	13:50:00		0.000	1454	1484	1523	1547	
2023/01/13	13:52:00		0.000	1451	1490	1527	1539	
2023/01/13	13:54:00		0.000	1458	1492	1514	1537	
2023/01/13	13:56:00		0.000	1462	1497	1525	1562	
2023/01/13	13:58:00		0.000	1471	1494	1549	1565	
2023/01/13	14:00:00		0.000	1465	1494	1549	1574	
2023/01/13	14:02:00		0.000	1461	1494	1504	1551	
2023/01/13	14:04:00		0.000	1470	1499	1530	1558	
2023/01/13	14:06:00		0.000	1468	1499	1553	1570	
2023/01/13	14:08:00		0.000	1467	1496	1534	1566	
2023/01/13	14:10:00		0.000	1465	1497	1522	1547	
2023/01/13	14:12:00		0.000	1463	1490	1522	1547	
2023/01/13	14:14:00		0.000	1456	1488	1497	1529	
2023/01/13	14:16:00		0.000	1446	1483	1504	1528	
2023/01/13	14:18:00		0.000	1449	1479	1523	1539	
2023/01/13	14:20:00		0.000	1454	1483	1533	1547	
2023/01/13	14:22:00		0.000	1449	1480	1547	1570	
2023/01/13	14:24:00		0.000	1447	1480	1555	1572	
2023/01/13	14:26:00		0.000	1445	1480	1527	1558	
2023/01/13	14:28:00		0.000	1448	1477	1512	1544	
2023/01/13	14:30:00		0.000	1445	1473	1509	1533	
2023/01/13	14:32:00		0.000	1445	1474	1527	1539	
2023/01/13	14:34:00		0.000	1442	1483	1531	1554	
2023/01/13	14:36:00		0.000	1442	1474	1546	1556	
2023/01/13	14:38:00		0.000	1442	1471	1536	1556	
2023/01/13	14:40:00		0.000	1435	1471	1526	1541	
2023/01/13	14:42:00		0.000	1439	1472	1531	1555	
2023/01/13	14:44:00		0.000	1442	1477	1539	1565	
2023/01/13	14:46:00		0.000	1431	1463	1551	1558	
2023/01/13	14:48:00		0.000	1439	1468	1554	1566	
2023/01/13	14:50:00		0.000	1437	1468	1537	1557	
2023/01/13	14:52:00		0.000	1436	1463	1506	1548	
2023/01/13	14:54:00		0.000	1435	1458	1517	1532	
2023/01/13	14:56:00		0.000	1428	1462	1513	1532	
2023/01/13	14:58:00		0.000	1435	1461	1528	1558	
2023/01/13	15:00:00		0.000	1428	1463	1515	1545	

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Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	15:02:00		0.000	1428	1463	1526		1558
2023/01/13	15:04:00		0.000	1427	1460	1549		1557
2023/01/13	15:06:00		0.000	1422	1458	1527		1556
2023/01/13	15:08:00		0.000	1431	1460	1527		1542
2023/01/13	15:10:00		0.000	1433	1468	1519		1543
2023/01/13	15:12:00		0.000	1418	1457	1535		1557
2023/01/13	15:14:00		0.000	1419	1453	1545		1558
2023/01/13	15:16:00		0.000	1421	1457	1543		1558
2023/01/13	15:18:00		0.000	1426	1457	1498		1543
2023/01/13	15:20:00		0.000	1425	1453	1524		1554
2023/01/13	15:22:00		0.000	1421	1453	1524		1551
2023/01/13	15:24:00		0.000	1425	1469	1533		1556
2023/01/13	15:26:00		0.000	1439	1466	1550		1588
2023/01/13	15:28:00		0.000	1445	1480	1560		1593
2023/01/13	15:30:00		0.000	1442	1473	1555		1572
2023/01/13	15:32:00		0.000	1438	1465	1535		1555
2023/01/13	15:34:00		0.000	1441	1462	1502		1535
2023/01/13	15:36:00		0.000	1431	1459	1506		1520
2023/01/13	15:38:00		0.000	1417	1452	1507		1546
2023/01/13	15:40:00		0.000	1415	1451	1537		1544
2023/01/13	15:42:00		0.000	1417	1446	1541		1559
2023/01/13	15:44:00		0.000	1416	1444	1520		1541
2023/01/13	15:46:00		0.000	1414	1446	1512		1540
2023/01/13	15:48:00		0.000	1407	1445	1537		1556
2023/01/13	15:50:00		0.000	1414	1451	1539		1565
2023/01/13	15:52:00		0.000	1417	1456	1565		1584
2023/01/13	15:54:00		0.000	1426	1460	1523		1574
2023/01/13	15:56:00		0.000	1425	1454	1526		1544
2023/01/13	15:58:00		0.000	1428	1458	1526		1539
2023/01/13	16:00:00		0.000	1424	1462	1533		1553
2023/01/13	16:02:00		0.000	1431	1461	1542		1558
2023/01/13	16:04:00		0.000	1435	1461	1531		1558
2023/01/13	16:06:00		0.000	1437	1460	1530		1555
2023/01/13	16:08:00		0.000	1427	1460	1516		1558
2023/01/13	16:10:00		0.000	1420	1451	1518		1529
2023/01/13	16:12:00		0.000	1417	1451	1520		1543
2023/01/13	16:14:00		0.000	1408	1442	1543		1550
2023/01/13	16:16:00		0.000	1402	1438	1531		1547
2023/01/13	16:18:00		0.000	1404	1428	1529		1542
2023/01/13	16:20:00		0.000	1404	1437	1524		1548
2023/01/13	16:22:00		0.000	1409	1433	1528		1565

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Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/13	16:24:00		0.000	1411	1441	1553	1574
2023/01/13	16:26:00		0.000	1416	1441	1554	1578
2023/01/13	16:28:00		0.000	1416	1447	1543	1560
2023/01/13	16:30:00		0.000	1417	1451	1533	1551
2023/01/13	16:32:00		0.000	1424	1453	1543	1564
2023/01/13	16:34:00		0.000	1425	1453	1539	1560
2023/01/13	16:36:00		0.000	1425	1453	1531	1539
2023/01/13	16:38:00		0.000	1435	1457	1527	1548
2023/01/13	16:40:00		0.000	1427	1458	1534	1556
2023/01/13	16:42:00		0.000	1428	1460	1512	1552
2023/01/13	16:44:00		0.000	1428	1461	1515	1556
2023/01/13	16:46:00		0.000	1434	1458	1542	1577
2023/01/13	16:48:00		0.000	1423	1452	1553	1577
2023/01/13	16:50:00		0.000	1416	1450	1555	1568
2023/01/13	16:52:00		0.000	1418	1440	1532	1560
2023/01/13	16:54:00		0.000	1406	1439	1530	1538
2023/01/13	16:56:00		0.000	1404	1439	1510	1535
2023/01/13	16:58:00		0.000	1392	1431	1512	1525
2023/01/13	17:00:00		0.000	1396	1431	1503	1530
2023/01/13	17:02:00		0.000	1400	1439	1530	1572
2023/01/13	17:04:00		0.000	1419	1453	1566	1587
2023/01/13	17:06:00		0.000	1431	1462	1551	1566
2023/01/13	17:08:00		0.000	1423	1461	1547	1553
2023/01/13	17:10:00		0.000	1417	1453	1545	1554
2023/01/13	17:12:00		0.000	1417	1445	1527	1553
2023/01/13	17:14:00		0.000	1408	1444	1504	1533
2023/01/13	17:16:00		0.000	1410	1439	1504	1531
2023/01/13	17:18:00		0.000	1402	1428	1510	1535
2023/01/13	17:20:00		0.000	1393	1430	1535	1566
2023/01/13	17:22:00		0.000	1405	1430	1541	1561
2023/01/13	17:24:00		0.000	1398	1435	1539	1564
2023/01/13	17:26:00		0.000	1407	1435	1561	1575
2023/01/13	17:28:00		0.000	1407	1435	1527	1574
2023/01/13	17:30:00		0.000	1402	1439	1527	1534
2023/01/13	17:32:00		0.000	1407	1437	1512	1533
2023/01/13	17:34:00		0.000	1405	1436	1512	1542
2023/01/13	17:36:00		0.000	1415	1441	1540	1548
2023/01/13	17:38:00		0.000	1406	1449	1541	1570
2023/01/13	17:40:00		0.000	1417	1449	1558	1570
2023/01/13	17:42:00		0.000	1420	1446	1543	1570
2023/01/13	17:44:00		0.000	1419	1450	1545	1561

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	17:46:00		0.000	1409	1450	1533		1555
2023/01/13	17:48:00		0.000	1413	1448	1503		1533
2023/01/13	17:50:00		0.000	1402	1437	1510		1523
2023/01/13	17:52:00		0.000	1383	1435	1516		1533
2023/01/13	17:54:00		0.000	1392	1415	1521		1537
2023/01/13	17:56:00		0.000	1396	1424	1529		1556
2023/01/13	17:58:00		0.000	1388	1424	1556		1564
2023/01/13	18:00:00		0.000	1391	1424	1553		1566
2023/01/13	18:02:00		0.000	1402	1432	1547		1568
2023/01/13	18:04:00		0.000	1398	1439	1532		1547
2023/01/13	18:06:00		0.000	1409	1438	1529		1547
2023/01/13	18:08:00		0.000	1406	1441	1527		1553
2023/01/13	18:10:00		0.000	1408	1437	1539		1553
2023/01/13	18:12:00		0.000	1402	1449	1542		1560
2023/01/13	18:14:00		0.000	1413	1443	1554		1570
2023/01/13	18:16:00		0.000	1417	1446	1547		1566
2023/01/13	18:18:00		0.000	1414	1448	1531		1548
2023/01/13	18:20:00		0.000	1425	1450	1531		1541
2023/01/13	18:22:00		0.000	1412	1452	1524		1543
2023/01/13	18:24:00		0.000	1400	1439	1513		1530
2023/01/13	18:26:00		0.000	1380	1424	1507		1527
2023/01/13	18:28:00		0.000	1390	1425	1509		1556
2023/01/13	18:30:00		0.000	1402	1439	1556		1572
2023/01/13	18:32:00		0.000	1411	1448	1554		1580
2023/01/13	18:34:00		0.000	1412	1448	1545		1560
2023/01/13	18:36:00		0.000	1419	1446	1528		1562
2023/01/13	18:38:00		0.000	1406	1439	1520		1529
2023/01/13	18:40:00		0.000	1407	1439	1512		1526
2023/01/13	18:42:00		0.000	1396	1431	1514		1535
2023/01/13	18:44:00		0.000	1390	1426	1535		1540
2023/01/13	18:46:00		0.000	1392	1425	1533		1542
2023/01/13	18:48:00		0.000	1385	1424	1535		1552
2023/01/13	18:50:00		0.000	1402	1435	1552		1571
2023/01/13	18:52:00		0.000	1415	1442	1565		1580
2023/01/13	18:54:00		0.000	1417	1451	1541		1565
2023/01/13	18:56:00		0.000	1410	1449	1547		1559
2023/01/13	18:58:00		0.000	1403	1441	1505		1547
2023/01/13	19:00:00		0.000	1404	1436	1504		1518
2023/01/13	19:02:00		0.000	1392	1428	1505		1556
2023/01/13	19:04:00		0.000	1386	1428	1549		1556
2023/01/13	19:06:00		0.000	1383	1416	1539		1559

# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	19:08:00		0.000	1376	1419	1520		1539
2023/01/13	19:10:00		0.000	1394	1424	1533		1568
2023/01/13	19:12:00		0.000	1404	1431	1555		1569
2023/01/13	19:14:00		0.000	1400	1441	1548		1571
2023/01/13	19:16:00		0.000	1411	1439	1557		1573
2023/01/13	19:18:00		0.000	1417	1445	1539		1562
2023/01/13	19:20:00		0.000	1406	1437	1535		1542
2023/01/13	19:22:00		0.000	1400	1433	1522		1544
2023/01/13	19:24:00		0.000	1395	1434	1509		1525
2023/01/13	19:26:00		0.000	1383	1425	1516		1527
2023/01/13	19:28:00		0.000	1394	1421	1525		1543
2023/01/13	19:30:00		0.000	1389	1421	1529		1546
2023/01/13	19:32:00		0.000	1387	1417	1546		1563
2023/01/13	19:34:00		0.000	1383	1422	1518		1549
2023/01/13	19:36:00		0.000	1400	1426	1531		1561
2023/01/13	19:38:00		0.000	1396	1428	1552		1561
2023/01/13	19:40:00		0.000	1397	1428	1552		1568
2023/01/13	19:42:00		0.000	1406	1434	1555		1563
2023/01/13	19:44:00		0.000	1402	1431	1515		1556
2023/01/13	19:46:00		0.000	1409	1436	1512		1542
2023/01/13	19:48:00		0.000	1416	1439	1523		1547
2023/01/13	19:50:00		0.000	1414	1451	1527		1544
2023/01/13	19:52:00		0.000	1415	1446	1544		1582
2023/01/13	19:54:00		0.000	1419	1451	1531		1584
2023/01/13	19:56:00		0.000	1418	1449	1526		1534
2023/01/13	19:58:00		0.000	1417	1453	1526		1537
2023/01/13	20:00:00		0.000	1421	1444	1532		1540
2023/01/13	20:02:00		0.000	1406	1444	1521		1547
2023/01/13	20:04:00		0.000	1396	1437	1543		1560
2023/01/13	20:06:00		0.000	1403	1429	1519		1543
2023/01/13	20:08:00		0.000	1398	1431	1531		1541
2023/01/13	20:10:00		0.000	1386	1420	1521		1537
2023/01/13	20:12:00		0.000	1381	1416	1534		1553
2023/01/13	20:14:00		0.000	1376	1420	1541		1554
2023/01/13	20:16:00		0.000	1394	1439	1554		1572
2023/01/13	20:18:00		0.000	1406	1435	1549		1576
2023/01/13	20:20:00		0.000	1404	1437	1530		1553
2023/01/13	20:22:00		0.000	1416	1450	1548		1570
2023/01/13	20:24:00		0.000	1423	1445	1545		1559
2023/01/13	20:26:00		0.000	1417	1441	1536		1545
2023/01/13	20:28:00		0.000	1406	1435	1496		1536

# Ox Mountain Landfill

## Half-Moon Bay, CA

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Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	20:30:00		0.000	1398	1431	1502		1520
2023/01/13	20:32:00		0.000	1400	1425	1515		1549
2023/01/13	20:34:00		0.000	1394	1420	1542		1553
2023/01/13	20:36:00		0.000	1374	1420	1521		1551
2023/01/13	20:38:00		0.000	1387	1419	1514		1542
2023/01/13	20:40:00		0.000	1387	1417	1534		1556
2023/01/13	20:42:00		0.000	1390	1422	1541		1556
2023/01/13	20:44:00		0.000	1400	1424	1556		1571
2023/01/13	20:46:00		0.000	1389	1439	1558		1582
2023/01/13	20:48:00		0.000	1406	1428	1531		1558
2023/01/13	20:50:00		0.000	1402	1435	1531		1547
2023/01/13	20:52:00		0.000	1409	1435	1541		1558
2023/01/13	20:54:00		0.000	1408	1439	1538		1571
2023/01/13	20:56:00		0.000	1413	1442	1527		1545
2023/01/13	20:58:00		0.000	1413	1448	1532		1548
2023/01/13	21:00:00		0.000	1414	1442	1523		1537
2023/01/13	21:02:00		0.000	1414	1444	1524		1535
2023/01/13	21:04:00		0.000	1405	1449	1527		1582
2023/01/13	21:06:00		0.000	1405	1449	1558		1584
2023/01/13	21:08:00		0.000	1420	1448	1519		1558
2023/01/13	21:10:00		0.000	1416	1451	1508		1539
2023/01/13	21:12:00		0.000	1421	1451	1526		1547
2023/01/13	21:14:00		0.000	1421	1449	1520		1549
2023/01/13	21:16:00		0.000	1423	1445	1545		1572
2023/01/13	21:18:00		0.000	1411	1445	1550		1569
2023/01/13	21:20:00		0.000	1414	1443	1545		1556
2023/01/13	21:22:00		0.000	1415	1445	1520		1558
2023/01/13	21:24:00		0.000	1415	1442	1503		1528
2023/01/13	21:26:00		0.000	1417	1439	1528		1554
2023/01/13	21:28:00		0.000	1395	1439	1541		1558
2023/01/13	21:30:00		0.000	1417	1439	1555		1570
2023/01/13	21:32:00		0.000	1417	1437	1539		1555
2023/01/13	21:34:00		0.000	1415	1439	1535		1558
2023/01/13	21:36:00		0.000	1414	1435	1532		1540
2023/01/13	21:38:00		0.000	1410	1435	1520		1538
2023/01/13	21:40:00		0.000	1404	1435	1512		1532
2023/01/13	21:42:00		0.000	1400	1433	1512		1553
2023/01/13	21:44:00		0.000	1399	1441	1550		1559
2023/01/13	21:46:00		0.000	1406	1436	1535		1558
2023/01/13	21:48:00		0.000	1402	1435	1535		1561
2023/01/13	21:50:00		0.000	1400	1434	1552		1569

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	21:52:00		0.000	1403	1435	1525		1552
2023/01/13	21:54:00		0.000	1402	1435	1506		1531
2023/01/13	21:56:00		0.000	1402	1431	1500		1530
2023/01/13	21:58:00		0.000	1398	1428	1527		1560
2023/01/13	22:00:00		0.000	1394	1433	1548		1566
2023/01/13	22:02:00		0.000	1397	1428	1553		1564
2023/01/13	22:04:00		0.000	1398	1430	1535		1559
2023/01/13	22:06:00		0.000	1393	1436	1539		1571
2023/01/13	22:08:00		0.000	1398	1426	1545		1566
2023/01/13	22:10:00		0.000	1397	1429	1527		1547
2023/01/13	22:12:00		0.000	1392	1428	1541		1563
2023/01/13	22:14:00		0.000	1392	1426	1494		1547
2023/01/13	22:16:00		0.000	1392	1422	1504		1539
2023/01/13	22:18:00		0.000	1387	1420	1516		1539
2023/01/13	22:20:00		0.000	1386	1426	1513		1568
2023/01/13	22:22:00		0.000	1384	1424	1525		1570
2023/01/13	22:24:00		0.000	1385	1430	1539		1566
2023/01/13	22:26:00		0.000	1387	1432	1561		1571
2023/01/13	22:28:00		0.000	1405	1431	1545		1570
2023/01/13	22:30:00		0.000	1406	1433	1539		1557
2023/01/13	22:32:00		0.000	1396	1431	1528		1546
2023/01/13	22:34:00		0.000	1414	1441	1528		1549
2023/01/13	22:36:00		0.000	1412	1441	1549		1568
2023/01/13	22:38:00		0.000	1413	1442	1537		1566
2023/01/13	22:40:00		0.000	1411	1446	1525		1537
2023/01/13	22:42:00		0.000	1418	1447	1537		1561
2023/01/13	22:44:00		0.000	1417	1449	1542		1553
2023/01/13	22:46:00		0.000	1416	1459	1543		1555
2023/01/13	22:48:00		0.000	1431	1457	1518		1545
2023/01/13	22:50:00		0.000	1424	1456	1510		1537
2023/01/13	22:52:00		0.000	1421	1448	1509		1531
2023/01/13	22:54:00		0.000	1412	1444	1504		1537
2023/01/13	22:56:00		0.000	1404	1432	1537		1558
2023/01/13	22:58:00		0.000	1398	1431	1548		1564
2023/01/13	23:00:00		0.000	1392	1424	1536		1548
2023/01/13	23:02:00		0.000	1391	1423	1535		1547
2023/01/13	23:04:00		0.000	1396	1424	1544		1566
2023/01/13	23:06:00		0.000	1406	1435	1553		1582
2023/01/13	23:08:00		0.000	1394	1439	1539		1569
2023/01/13	23:10:00		0.000	1402	1431	1520		1545
2023/01/13	23:12:00		0.000	1403	1443	1504		1520



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/13	23:14:00		0.000	1411	1443	1512		1554
2023/01/13	23:16:00		0.000	1409	1446	1537		1553
2023/01/13	23:18:00		0.000	1409	1442	1545		1560
2023/01/13	23:20:00		0.000	1414	1449	1547		1553
2023/01/13	23:22:00		0.000	1417	1451	1551		1569
2023/01/13	23:24:00		0.000	1420	1454	1542		1561
2023/01/13	23:26:00		0.000	1429	1461	1531		1548
2023/01/13	23:28:00		0.000	1425	1460	1528		1561
2023/01/13	23:30:00		0.000	1424	1462	1534		1548
2023/01/13	23:32:00		0.000	1437	1462	1538		1554
2023/01/13	23:34:00		0.000	1433	1469	1539		1556
2023/01/13	23:36:00		0.000	1441	1464	1538		1554
2023/01/13	23:38:00		0.000	1433	1460	1531		1546
2023/01/13	23:40:00		0.000	1432	1465	1508		1531
2023/01/13	23:42:00		0.000	1431	1465	1509		1528
2023/01/13	23:44:00		0.000	1439	1468	1528		1548
2023/01/13	23:46:00		0.000	1421	1468	1535		1557
2023/01/13	23:48:00		0.000	1425	1463	1527		1538
2023/01/13	23:50:00		0.000	1425	1466	1528		1568
2023/01/13	23:52:00		0.000	1428	1465	1539		1577
2023/01/13	23:54:00		0.000	1432	1460	1537		1562
2023/01/13	23:56:00		0.000	1433	1469	1545		1560
2023/01/13	23:58:00		0.000	1428	1460	1528		1547

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	00:00:00		0.000	1424	1462	1510	1531
2023/01/14	00:02:00		0.000	1431	1465	1516	1535
2023/01/14	00:04:00		0.000	1433	1462	1522	1551
2023/01/14	00:06:00		0.000	1425	1497	1551	1574
2023/01/14	00:08:00		0.000	1480	1579	1574	1606
2023/01/14	00:10:00		0.000	1571	1673	1593	1615
2023/01/14	00:12:00		0.000	1669	1716	1593	1639
2023/01/14	00:14:00		0.000	1710	1738	1580	1607
2023/01/14	00:16:00		0.000	1703	1726	1541	1581
2023/01/14	00:18:00		0.000	1702	1720	1525	1544
2023/01/14	00:20:00		0.000	1707	1736	1506	1533
2023/01/14	00:22:00		0.000	1721	1745	1494	1548
2023/01/14	00:24:00		0.000	1732	1754	1538	1551
2023/01/14	00:26:00		0.000	1740	1756	1536	1554
2023/01/14	00:28:00		0.000	1737	1757	1497	1541
2023/01/14	00:30:00		0.000	1740	1758	1536	1565
2023/01/14	00:32:00		0.000	1736	1760	1546	1563
2023/01/14	00:34:00		0.000	1743	1760	1520	1566
2023/01/14	00:36:00		0.000	1741	1762	1512	1543
2023/01/14	00:38:00		0.000	1745	1766	1520	1560
2023/01/14	00:40:00		0.000	1750	1783	1520	1554
2023/01/14	00:42:00		0.000	1773	1791	1536	1547
2023/01/14	00:44:00		0.000	1767	1790	1547	1574
2023/01/14	00:46:00		0.000	1752	1778	1554	1568
2023/01/14	00:48:00		0.000	1723	1758	1526	1567
2023/01/14	00:50:00		0.000	1726	1745	1505	1532
2023/01/14	00:52:00		0.000	1732	1758	1502	1522
2023/01/14	00:54:00		0.000	1743	1774	1517	1594
2023/01/14	00:56:00		0.000	1746	1768	1561	1594
2023/01/14	00:58:00		0.000	1707	1755	1514	1574
2023/01/14	01:00:00		0.000	1689	1713	1477	1517
2023/01/14	01:02:00		0.000	1709	1745	1477	1528
2023/01/14	01:04:00		0.000	1732	1756	1516	1541
2023/01/14	01:06:00		0.000	1743	1766	1534	1570
2023/01/14	01:08:00		0.000	1745	1774	1537	1570
2023/01/14	01:10:00		0.000	1707	1754	1532	1548
2023/01/14	01:12:00		0.000	1654	1710	1521	1550
2023/01/14	01:14:00		0.000	1573	1656	1485	1521
2023/01/14	01:16:00		0.000	1516	1578	1449	1504
2023/01/14	01:18:00		0.000	1512	1578	1504	1577
2023/01/14	01:20:00		0.000	1573	1663	1577	1626

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	01:22:00		0.000	1662	1747	1563	1630
2023/01/14	01:24:00		0.000	1746	1779	1578	1603
2023/01/14	01:26:00		0.000	1765	1782	1568	1596
2023/01/14	01:28:00		0.000	1762	1783	1537	1568
2023/01/14	01:30:00		0.000	1763	1783	1506	1537
2023/01/14	01:32:00		0.000	1759	1781	1493	1525
2023/01/14	01:34:00		0.000	1754	1778	1481	1555
2023/01/14	01:36:00		0.000	1752	1770	1555	1593
2023/01/14	01:38:00		0.000	1742	1767	1544	1580
2023/01/14	01:40:00		0.000	1750	1770	1558	1580
2023/01/14	01:42:00		0.000	1746	1770	1526	1566
2023/01/14	01:44:00		0.000	1752	1775	1539	1565
2023/01/14	01:46:00		0.000	1754	1775	1522	1551
2023/01/14	01:48:00		0.000	1758	1775	1536	1558
2023/01/14	01:50:00		0.000	1755	1778	1527	1558
2023/01/14	01:52:00		0.000	1747	1765	1524	1552
2023/01/14	01:54:00		0.000	1748	1770	1547	1558
2023/01/14	01:56:00		0.000	1749	1769	1532	1547
2023/01/14	01:58:00		0.000	1752	1773	1522	1549
2023/01/14	02:00:00		0.000	1752	1775	1522	1545
2023/01/14	02:02:00		0.000	1755	1776	1545	1570
2023/01/14	02:04:00		0.000	1762	1778	1549	1572
2023/01/14	02:06:00		0.000	1760	1781	1506	1576
2023/01/14	02:08:00		0.000	1761	1784	1482	1511
2023/01/14	02:10:00		0.000	1758	1784	1510	1567
2023/01/14	02:12:00		0.000	1747	1773	1505	1547
2023/01/14	02:14:00		0.000	1744	1766	1505	1562
2023/01/14	02:16:00		0.000	1750	1774	1562	1586
2023/01/14	02:18:00		0.000	1758	1781	1527	1583
2023/01/14	02:20:00		0.000	1769	1791	1527	1568
2023/01/14	02:22:00		0.000	1732	1780	1547	1573
2023/01/14	02:24:00		0.000	1670	1734	1495	1569
2023/01/14	02:26:00		0.000	1582	1676	1464	1495
2023/01/14	02:28:00		0.000	1512	1589	1460	1480
2023/01/14	02:30:00		0.000	1488	1532	1454	1516
2023/01/14	02:32:00		0.000	1527	1607	1516	1591
2023/01/14	02:34:00		0.000	1599	1675	1591	1628
2023/01/14	02:36:00		0.000	1672	1749	1585	1617
2023/01/14	02:38:00		0.000	1741	1765	1553	1608
2023/01/14	02:40:00		0.000	1756	1778	1545	1557
2023/01/14	02:42:00		0.000	1748	1775	1530	1564

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	02:44:00		0.000	1745	1761	1533	1547
2023/01/14	02:46:00		0.000	1740	1765	1520	1547
2023/01/14	02:48:00		0.000	1743	1770	1512	1547
2023/01/14	02:50:00		0.000	1748	1777	1525	1549
2023/01/14	02:52:00		0.000	1748	1778	1507	1525
2023/01/14	02:54:00		0.000	1704	1754	1496	1519
2023/01/14	02:56:00		0.000	1725	1749	1504	1566
2023/01/14	02:58:00		0.000	1738	1758	1566	1576
2023/01/14	03:00:00		0.000	1727	1763	1566	1581
2023/01/14	03:02:00		0.000	1690	1732	1508	1566
2023/01/14	03:04:00		0.000	1683	1743	1494	1539
2023/01/14	03:06:00		0.000	1723	1765	1539	1570
2023/01/14	03:08:00		0.000	1757	1780	1566	1584
2023/01/14	03:10:00		0.000	1752	1775	1537	1567
2023/01/14	03:12:00		0.000	1741	1765	1542	1558
2023/01/14	03:14:00		0.000	1739	1758	1543	1566
2023/01/14	03:16:00		0.000	1740	1762	1523	1572
2023/01/14	03:18:00		0.000	1720	1750	1545	1587
2023/01/14	03:20:00		0.000	1696	1732	1457	1545
2023/01/14	03:22:00		0.000	1617	1698	1456	1533
2023/01/14	03:24:00		0.000	1570	1624	1486	1530
2023/01/14	03:26:00		0.000	1550	1577	1486	1514
2023/01/14	03:28:00		0.000	1549	1576	1500	1536
2023/01/14	03:30:00		0.000	1531	1556	1523	1539
2023/01/14	03:32:00		0.000	1527	1563	1504	1529
2023/01/14	03:34:00		0.000	1552	1641	1529	1623
2023/01/14	03:36:00		0.000	1639	1696	1576	1655
2023/01/14	03:38:00		0.000	1692	1788	1562	1607
2023/01/14	03:40:00		0.000	1784	1810	1571	1604
2023/01/14	03:42:00		0.000	1753	1808	1544	1578
2023/01/14	03:44:00		0.000	1728	1767	1515	1549
2023/01/14	03:46:00		0.000	1688	1733	1468	1515
2023/01/14	03:48:00		0.000	1690	1734	1500	1567
2023/01/14	03:50:00		0.000	1729	1793	1561	1584
2023/01/14	03:52:00		0.000	1786	1820	1584	1598
2023/01/14	03:54:00		0.000	1789	1811	1541	1586
2023/01/14	03:56:00		0.000	1778	1803	1489	1542
2023/01/14	03:58:00		0.000	1769	1797	1524	1556
2023/01/14	04:00:00		0.000	1769	1789	1505	1531
2023/01/14	04:02:00		0.000	1771	1791	1507	1539
2023/01/14	04:04:00		0.000	1773	1801	1537	1557

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	04:06:00		0.000	1777	1802	1553	1564
2023/01/14	04:08:00		0.000	1784	1805	1549	1560
2023/01/14	04:10:00		0.000	1790	1806	1551	1572
2023/01/14	04:12:00		0.000	1751	1806	1523	1588
2023/01/14	04:14:00		0.000	1698	1760	1464	1523
2023/01/14	04:16:00		0.000	1622	1707	1472	1506
2023/01/14	04:18:00		0.000	1574	1629	1466	1502
2023/01/14	04:20:00		0.000	1578	1605	1480	1501
2023/01/14	04:22:00		0.000	1581	1611	1497	1533
2023/01/14	04:24:00		0.000	1585	1619	1524	1566
2023/01/14	04:26:00		0.000	1597	1620	1565	1575
2023/01/14	04:28:00		0.000	1589	1622	1542	1572
2023/01/14	04:30:00		0.000	1587	1620	1529	1542
2023/01/14	04:32:00		0.000	1589	1608	1531	1556
2023/01/14	04:34:00		0.000	1581	1603	1549	1567
2023/01/14	04:36:00		0.000	1577	1601	1522	1549
2023/01/14	04:38:00		0.000	1576	1599	1505	1527
2023/01/14	04:40:00		0.000	1576	1599	1507	1523
2023/01/14	04:42:00		0.000	1572	1608	1513	1575
2023/01/14	04:44:00		0.000	1585	1605	1570	1579
2023/01/14	04:46:00		0.000	1587	1611	1542	1570
2023/01/14	04:48:00		0.000	1586	1615	1537	1553
2023/01/14	04:50:00		0.000	1594	1620	1537	1560
2023/01/14	04:52:00		0.000	1597	1619	1550	1573
2023/01/14	04:54:00		0.000	1589	1617	1531	1573
2023/01/14	04:56:00		0.000	1581	1608	1512	1537
2023/01/14	04:58:00		0.000	1570	1599	1487	1517
2023/01/14	05:00:00		0.000	1567	1600	1517	1539
2023/01/14	05:02:00		0.000	1578	1608	1536	1545
2023/01/14	05:04:00		0.000	1591	1616	1533	1556
2023/01/14	05:06:00		0.000	1599	1621	1537	1573
2023/01/14	05:08:00		0.000	1596	1619	1546	1569
2023/01/14	05:10:00		0.000	1582	1609	1534	1553
2023/01/14	05:12:00		0.000	1576	1608	1534	1563
2023/01/14	05:14:00		0.000	1584	1606	1525	1541
2023/01/14	05:16:00		0.000	1584	1607	1540	1546
2023/01/14	05:18:00		0.000	1577	1608	1541	1554
2023/01/14	05:20:00		0.000	1566	1598	1539	1553
2023/01/14	05:22:00		0.000	1553	1589	1523	1553
2023/01/14	05:24:00		0.000	1561	1582	1502	1525
2023/01/14	05:26:00		0.000	1561	1585	1499	1538

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/14	05:28:00		0.000	1561	1593	1533	1566
2023/01/14	05:30:00		0.000	1563	1591	1533	1553
2023/01/14	05:32:00		0.000	1564	1589	1553	1567
2023/01/14	05:34:00		0.000	1552	1589	1557	1583
2023/01/14	05:36:00		0.000	1573	1597	1520	1570
2023/01/14	05:38:00		0.000	1576	1597	1528	1550
2023/01/14	05:40:00		0.000	1574	1601	1513	1529
2023/01/14	05:42:00		0.000	1573	1597	1514	1535
2023/01/14	05:44:00		0.000	1572	1599	1535	1556
2023/01/14	05:46:00		0.000	1575	1601	1552	1572
2023/01/14	05:48:00		0.000	1576	1603	1566	1593
2023/01/14	05:50:00		0.000	1581	1607	1528	1566
2023/01/14	05:52:00		0.000	1574	1610	1520	1531
2023/01/14	05:54:00		0.000	1572	1599	1512	1530
2023/01/14	05:56:00		0.000	1563	1595	1518	1557
2023/01/14	05:58:00		0.000	1571	1591	1547	1558
2023/01/14	06:00:00		0.000	1568	1597	1533	1556
2023/01/14	06:02:00		0.000	1561	1588	1523	1561
2023/01/14	06:04:00		0.000	1549	1587	1523	1556
2023/01/14	06:06:00		0.000	1551	1580	1527	1566
2023/01/14	06:08:00		0.000	1545	1580	1520	1544
2023/01/14	06:10:00		0.000	1545	1576	1544	1569
2023/01/14	06:12:00		0.000	1540	1573	1535	1568
2023/01/14	06:14:00		0.000	1527	1560	1492	1535
2023/01/14	06:16:00		0.000	1516	1544	1495	1523
2023/01/14	06:18:00		0.000	1499	1541	1496	1534
2023/01/14	06:20:00		0.000	1509	1529	1534	1562
2023/01/14	06:22:00		0.000	1517	1540	1547	1563
2023/01/14	06:24:00		0.000	1522	1547	1543	1570
2023/01/14	06:26:00		0.000	1532	1562	1541	1570
2023/01/14	06:28:00		0.000	1539	1570	1547	1574
2023/01/14	06:30:00		0.000	1546	1578	1554	1572
2023/01/14	06:32:00		0.000	1549	1574	1552	1570
2023/01/14	06:34:00		0.000	1550	1574	1541	1556
2023/01/14	06:36:00		0.000	1536	1566	1513	1553
2023/01/14	06:38:00		0.000	1527	1555	1494	1515
2023/01/14	06:40:00		0.000	1524	1556	1506	1539
2023/01/14	06:42:00		0.000	1529	1550	1524	1558
2023/01/14	06:44:00		0.000	1529	1563	1530	1558
2023/01/14	06:46:00		0.000	1544	1566	1555	1582
2023/01/14	06:48:00		0.000	1534	1568	1560	1576

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		1	1
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/14	06:50:00		0.000	1548	1570	1526	1561	
2023/01/14	06:52:00		0.000	1548	1578	1530	1554	
2023/01/14	06:54:00		0.000	1539	1564	1542	1562	
2023/01/14	06:56:00		0.000	1536	1564	1515	1545	
2023/01/14	06:58:00		0.000	1530	1561	1513	1523	
2023/01/14	07:00:00		0.000	1536	1558	1517	1564	
2023/01/14	07:02:00		0.000	1531	1556	1527	1564	
2023/01/14	07:04:00		0.000	1522	1552	1514	1536	
2023/01/14	07:06:00		0.000	1515	1545	1536	1543	
2023/01/14	07:08:00		0.000	1519	1556	1537	1556	
2023/01/14	07:10:00		0.000	1536	1561	1556	1568	
2023/01/14	07:12:00		0.000	1545	1576	1558	1574	
2023/01/14	07:14:00		0.000	1541	1567	1555	1582	
2023/01/14	07:16:00		0.000	1527	1547	1508	1561	
2023/01/14	07:18:00		0.000	1521	1556	1505	1524	
2023/01/14	07:20:00		0.000	1527	1563	1522	1531	
2023/01/14	07:22:00		0.000	1512	1541	1525	1539	
2023/01/14	07:24:00		0.000	1512	1539	1529	1553	
2023/01/14	07:26:00		0.000	1505	1538	1531	1549	
2023/01/14	07:28:00		0.000	1494	1532	1477	1541	
2023/01/14	07:30:00		0.000	1497	1519	1486	1535	
2023/01/14	07:32:00		0.000	1488	1521	1535	1561	
2023/01/14	07:34:00		0.000	1482	1513	1531	1560	
2023/01/14	07:36:00		0.000	1475	1513	1494	1531	
2023/01/14	07:38:00		0.000	1494	1519	1501	1521	
2023/01/14	07:40:00		0.000	1495	1525	1510	1556	
2023/01/14	07:42:00		0.000	1501	1533	1556	1596	
2023/01/14	07:44:00		0.000	1518	1549	1555	1594	
2023/01/14	07:46:00		0.000	1522	1558	1538	1560	
2023/01/14	07:48:00		0.000	1535	1556	1537	1561	
2023/01/14	07:50:00		0.000	1530	1570	1531	1562	
2023/01/14	07:52:00		0.000	1530	1558	1512	1547	
2023/01/14	07:54:00		0.000	1521	1550	1540	1556	
2023/01/14	07:56:00		0.000	1521	1551	1509	1558	
2023/01/14	07:58:00		0.000	1518	1540	1521	1570	
2023/01/14	08:00:00		0.000	1519	1541	1523	1566	
2023/01/14	08:02:00		0.000	1515	1539	1528	1566	
2023/01/14	08:04:00		0.000	1512	1529	1559	1569	
2023/01/14	08:06:00		0.000	1516	1538	1540	1559	
2023/01/14	08:08:00		0.000	1513	1538	1541	1547	
2023/01/14	08:10:00		0.000	1519	1548	1542	1556	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		1	1
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/14	08:12:00		0.000	1523	1548	1545	1561	
2023/01/14	08:14:00		0.000	1527	1553	1540	1550	
2023/01/14	08:16:00		0.000	1529	1552	1530	1542	
2023/01/14	08:18:00		0.000	1519	1551	1533	1547	
2023/01/14	08:20:00		0.000	1512	1543	1522	1553	
2023/01/14	08:22:00		0.000	1508	1541	1512	1523	
2023/01/14	08:24:00		0.000	1499	1530	1507	1523	
2023/01/14	08:26:00		0.000	1501	1532	1523	1589	
2023/01/14	08:28:00		0.000	1525	1556	1557	1582	
2023/01/14	08:30:00		0.000	1530	1556	1551	1565	
2023/01/14	08:32:00		0.000	1501	1540	1502	1551	
2023/01/14	08:34:00		0.000	1462	1503	1497	1516	
2023/01/14	08:36:00		0.000	1461	1488	1496	1512	
2023/01/14	08:38:00		0.000	1458	1487	1498	1556	
2023/01/14	08:40:00		0.000	1475	1503	1556	1592	
2023/01/14	08:42:00		0.000	1470	1514	1574	1590	
2023/01/14	08:44:00		0.000	1486	1515	1562	1584	
2023/01/14	08:46:00		0.000	1473	1505	1553	1564	
2023/01/14	08:48:00		0.000	1481	1507	1541	1561	
2023/01/14	08:50:00		0.000	1479	1509	1534	1555	
2023/01/14	08:52:00		0.000	1490	1517	1512	1537	
2023/01/14	08:54:00		0.000	1492	1527	1501	1523	
2023/01/14	08:56:00		0.000	1496	1522	1507	1535	
2023/01/14	08:58:00		0.000	1497	1529	1534	1543	
2023/01/14	09:00:00		0.000	1499	1524	1543	1576	
2023/01/14	09:02:00		0.000	1505	1529	1574	1582	
2023/01/14	09:04:00		0.000	1499	1529	1530	1574	
2023/01/14	09:06:00		0.000	1503	1530	1528	1534	
2023/01/14	09:08:00		0.000	1505	1531	1528	1551	
2023/01/14	09:10:00		0.000	1512	1534	1542	1557	
2023/01/14	09:12:00		0.000	1516	1540	1556	1576	
2023/01/14	09:14:00		0.000	1512	1537	1502	1556	
2023/01/14	09:16:00		0.000	1519	1541	1502	1518	
2023/01/14	09:18:00		0.000	1523	1549	1511	1533	
2023/01/14	09:20:00		0.000	1519	1545	1510	1537	
2023/01/14	09:22:00		0.000	1505	1538	1525	1558	
2023/01/14	09:24:00		0.000	1507	1527	1558	1582	
2023/01/14	09:26:00		0.000	1490	1523	1537	1580	
2023/01/14	09:28:00		0.000	1491	1517	1531	1540	
2023/01/14	09:30:00		0.000	1490	1517	1514	1536	
2023/01/14	09:32:00		0.000	1488	1529	1520	1550	



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	MAX
2023/01/14	09:34:00		0.000	1499	1530	1545	1561
2023/01/14	09:36:00		0.000	1507	1538	1533	1556
2023/01/14	09:38:00		0.000	1517	1541	1539	1565
2023/01/14	09:40:00		0.000	1508	1550	1525	1554
2023/01/14	09:42:00		0.000	1488	1523	1492	1525
2023/01/14	09:44:00		0.000	1465	1507	1504	1534
2023/01/14	09:46:00		0.000	1439	1484	1514	1549
2023/01/14	09:48:00		0.000	1442	1469	1503	1531
2023/01/14	09:50:00		0.000	1435	1470	1504	1537
2023/01/14	09:52:00		0.000	1445	1466	1537	1576
2023/01/14	09:54:00		0.000	1446	1477	1561	1578
2023/01/14	09:56:00		0.000	1448	1480	1555	1567
2023/01/14	09:58:00		0.000	1458	1490	1526	1566
2023/01/14	10:00:00		0.000	1468	1506	1527	1579
2023/01/14	10:02:00		0.000	1494	1530	1570	1582
2023/01/14	10:04:00		0.000	1519	1552	1498	1576
2023/01/14	10:06:00		0.000	1534	1554	1497	1521
2023/01/14	10:08:00		0.000	1538	1561	1521	1538
2023/01/14	10:10:00		0.000	1535	1557	1528	1539
2023/01/14	10:12:00		0.000	1530	1554	1539	1575
2023/01/14	10:14:00		0.000	1530	1552	1550	1566
2023/01/14	10:16:00		0.000	1531	1553	1553	1566
2023/01/14	10:18:00		0.000	1527	1553	1535	1572
2023/01/14	10:20:00		0.000	1522	1549	1534	1566
2023/01/14	10:22:00		0.000	1523	1547	1535	1569
2023/01/14	10:24:00		0.000	1526	1552	1515	1569
2023/01/14	10:26:00		0.000	1538	1560	1520	1555
2023/01/14	10:28:00		0.000	1533	1556	1517	1553
2023/01/14	10:30:00		0.000	1532	1552	1510	1528
2023/01/14	10:32:00		0.000	1529	1561	1518	1528
2023/01/14	10:34:00		0.000	1537	1559	1520	1551
2023/01/14	10:36:00		0.000	1530	1556	1551	1576
2023/01/14	10:38:00		0.000	1534	1557	1555	1579
2023/01/14	10:40:00		0.000	1528	1552	1538	1566
2023/01/14	10:42:00		0.000	1524	1549	1523	1538
2023/01/14	10:44:00		0.000	1523	1549	1502	1523
2023/01/14	10:46:00		0.000	1527	1546	1502	1541
2023/01/14	10:48:00		0.000	1529	1560	1530	1541
2023/01/14	10:50:00		0.000	1516	1548	1530	1552
2023/01/14	10:52:00		0.000	1503	1530	1517	1553
2023/01/14	10:54:00		0.000	1494	1516	1516	1541

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	10:56:00		0.000	1475	1507	1501	1537
2023/01/14	10:58:00		0.000	1468	1498	1506	1539
2023/01/14	11:00:00		0.000	1466	1493	1537	1558
2023/01/14	11:02:00		0.000	1465	1488	1531	1547
2023/01/14	11:04:00		0.000	1459	1483	1531	1546
2023/01/14	11:06:00		0.000	1458	1487	1545	1584
2023/01/14	11:08:00		0.000	1463	1492	1559	1588
2023/01/14	11:10:00		0.000	1482	1508	1547	1566
2023/01/14	11:12:00		0.000	1496	1527	1547	1559
2023/01/14	11:14:00		0.000	1512	1544	1547	1564
2023/01/14	11:16:00		0.000	1527	1552	1551	1575
2023/01/14	11:18:00		0.000	1527	1552	1526	1553
2023/01/14	11:20:00		0.000	1525	1548	1502	1531
2023/01/14	11:22:00		0.000	1514	1549	1485	1549
2023/01/14	11:24:00		0.000	1519	1541	1523	1600
2023/01/14	11:26:00		0.000	1513	1539	1560	1604
2023/01/14	11:28:00		0.000	1509	1530	1543	1564
2023/01/14	11:30:00		0.000	1504	1531	1512	1549
2023/01/14	11:32:00		0.000	1498	1534	1491	1537
2023/01/14	11:34:00		0.000	1516	1549	1500	1572
2023/01/14	11:36:00		0.000	1531	1563	1572	1595
2023/01/14	11:38:00		0.000	1528	1555	1545	1580
2023/01/14	11:40:00		0.000	1513	1541	1528	1561
2023/01/14	11:42:00		0.000	1509	1534	1485	1534
2023/01/14	11:44:00		0.000	1505	1535	1504	1535
2023/01/14	11:46:00		0.000	1516	1543	1535	1555
2023/01/14	11:48:00		0.000	1523	1549	1530	1540
2023/01/14	11:50:00		0.000	1523	1550	1536	1564
2023/01/14	11:52:00		0.000	1528	1556	1553	1585
2023/01/14	11:54:00		0.000	1529	1556	1553	1574
2023/01/14	11:56:00		0.000	1534	1557	1535	1563
2023/01/14	11:58:00		0.000	1534	1563	1526	1540
2023/01/14	12:00:00		0.000	1520	1561	1528	1549
2023/01/14	12:02:00		0.000	1501	1536	1522	1537
2023/01/14	12:04:00		0.000	1486	1523	1488	1529
2023/01/14	12:06:00		0.000	1475	1508	1508	1537
2023/01/14	12:08:00		0.000	1473	1498	1508	1520
2023/01/14	12:10:00		0.000	1466	1493	1520	1568
2023/01/14	12:12:00		0.000	1471	1497	1521	1546
2023/01/14	12:14:00		0.000	1467	1498	1524	1559
2023/01/14	12:16:00		0.000	1475	1501	1534	1561

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/14	12:18:00		0.000	1472	1516	1545	1572
2023/01/14	12:20:00		0.000	1493	1527	1550	1582
2023/01/14	12:22:00		0.000	1505	1538	1547	1593
2023/01/14	12:24:00		0.000	1518	1546	1543	1572
2023/01/14	12:26:00		0.000	1527	1552	1546	1556
2023/01/14	12:28:00		0.000	1527	1552	1534	1554
2023/01/14	12:30:00		0.000	1524	1552	1518	1541
2023/01/14	12:32:00		0.000	1524	1552	1506	1518
2023/01/14	12:34:00		0.000	1529	1556	1516	1561
2023/01/14	12:36:00		0.000	1530	1560	1555	1574
2023/01/14	12:38:00		0.000	1535	1563	1551	1578
2023/01/14	12:40:00		0.000	1538	1561	1531	1566
2023/01/14	12:42:00		0.000	1536	1559	1523	1531
2023/01/14	12:44:00		0.000	1536	1559	1510	1523
2023/01/14	12:46:00		0.000	1530	1557	1518	1527
2023/01/14	12:48:00		0.000	1525	1552	1523	1566
2023/01/14	12:50:00		0.000	1514	1545	1529	1553
2023/01/14	12:52:00		0.000	1518	1543	1532	1542
2023/01/14	12:54:00		0.000	1519	1545	1526	1544
2023/01/14	12:56:00		0.000	1517	1540	1538	1561
2023/01/14	12:58:00		0.000	1517	1540	1561	1588
2023/01/14	13:00:00		0.000	1519	1553	1551	1592
2023/01/14	13:02:00		0.000	1532	1563	1556	1579
2023/01/14	13:04:00		0.000	1539	1565	1527	1580
2023/01/14	13:06:00		0.000	1538	1570	1506	1527
2023/01/14	13:08:00		0.000	1534	1564	1492	1515
2023/01/14	13:10:00		0.000	1510	1561	1497	1541
2023/01/14	13:12:00		0.000	1496	1529	1530	1542
2023/01/14	13:14:00		0.000	1473	1513	1535	1547
2023/01/14	13:16:00		0.000	1468	1499	1505	1547
2023/01/14	13:18:00		0.000	1466	1493	1504	1533
2023/01/14	13:20:00		0.000	1463	1498	1533	1555
2023/01/14	13:22:00		0.000	1475	1505	1527	1550
2023/01/14	13:24:00		0.000	1482	1507	1541	1560
2023/01/14	13:26:00		0.000	1476	1512	1551	1581
2023/01/14	13:28:00		0.000	1499	1534	1547	1577
2023/01/14	13:30:00		0.000	1512	1543	1565	1580
2023/01/14	13:32:00		0.000	1521	1546	1537	1572
2023/01/14	13:34:00		0.000	1521	1556	1533	1558
2023/01/14	13:36:00		0.000	1529	1550	1541	1558
2023/01/14	13:38:00		0.000	1522	1547	1508	1541

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/14	13:40:00		0.000	1519	1548	1510	1526
2023/01/14	13:42:00		0.000	1516	1543	1516	1542
2023/01/14	13:44:00		0.000	1521	1543	1541	1553
2023/01/14	13:46:00		0.000	1527	1549	1547	1560
2023/01/14	13:48:00		0.000	1525	1550	1555	1582
2023/01/14	13:50:00		0.000	1532	1556	1553	1574
2023/01/14	13:52:00		0.000	1537	1563	1542	1572
2023/01/14	13:54:00		0.000	1541	1563	1529	1558
2023/01/14	13:56:00		0.000	1529	1554	1511	1534
2023/01/14	13:58:00		0.000	1519	1554	1499	1529
2023/01/14	14:00:00		0.000	1517	1546	1514	1537
2023/01/14	14:02:00		0.000	1518	1538	1537	1569
2023/01/14	14:04:00		0.000	1523	1548	1569	1585
2023/01/14	14:06:00		0.000	1523	1552	1550	1577
2023/01/14	14:08:00		0.000	1530	1556	1523	1550
2023/01/14	14:10:00		0.000	1539	1558	1532	1545
2023/01/14	14:12:00		0.000	1541	1564	1528	1545
2023/01/14	14:14:00		0.000	1545	1570	1526	1570
2023/01/14	14:16:00		0.000	1541	1564	1549	1574
2023/01/14	14:18:00		0.000	1547	1570	1543	1553
2023/01/14	14:20:00		0.000	1526	1571	1538	1566
2023/01/14	14:22:00		0.000	1512	1543	1502	1538
2023/01/14	14:24:00		0.000	1496	1525	1481	1520
2023/01/14	14:26:00		0.000	1472	1508	1511	1524
2023/01/14	14:28:00		0.000	1473	1507	1518	1537
2023/01/14	14:30:00		0.000	1465	1498	1516	1537
2023/01/14	14:32:00		0.000	1461	1492	1516	1559
2023/01/14	14:34:00		0.000	1474	1497	1554	1582
2023/01/14	14:36:00		0.000	1485	1507	1560	1591
2023/01/14	14:38:00		0.000	1489	1518	1537	1560
2023/01/14	14:40:00		0.000	1503	1534	1537	1558
2023/01/14	14:42:00		0.000	1516	1548	1555	1573
2023/01/14	14:44:00		0.000	1529	1563	1547	1569
2023/01/14	14:46:00		0.000	1541	1564	1556	1569
2023/01/14	14:48:00		0.000	1530	1559	1531	1569
2023/01/14	14:50:00		0.000	1530	1554	1526	1535
2023/01/14	14:52:00		0.000	1529	1549	1518	1534
2023/01/14	14:54:00		0.000	1521	1552	1505	1523
2023/01/14	14:56:00		0.000	1518	1541	1520	1548
2023/01/14	14:58:00		0.000	1513	1538	1548	1581
2023/01/14	15:00:00		0.000	1501	1539	1553	1572

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/14	15:02:00		0.000	1507	1534	1512	1553
2023/01/14	15:04:00		0.000	1510	1541	1508	1515
2023/01/14	15:06:00		0.000	1519	1552	1512	1557
2023/01/14	15:08:00		0.000	1523	1563	1557	1577
2023/01/14	15:10:00		0.000	1523	1552	1561	1582
2023/01/14	15:12:00		0.000	1520	1552	1540	1561
2023/01/14	15:14:00		0.000	1512	1545	1503	1540
2023/01/14	15:16:00		0.000	1511	1538	1498	1521
2023/01/14	15:18:00		0.000	1507	1534	1510	1525
2023/01/14	15:20:00		0.000	1503	1530	1525	1549
2023/01/14	15:22:00		0.000	1505	1525	1533	1551
2023/01/14	15:24:00		0.000	1504	1533	1545	1563
2023/01/14	15:26:00		0.000	1494	1540	1559	1569
2023/01/14	15:28:00		0.000	1508	1545	1547	1566
2023/01/14	15:30:00		0.000	1512	1543	1523	1547
2023/01/14	15:32:00		0.000	1496	1529	1494	1523
2023/01/14	15:34:00		0.000	1485	1512	1495	1523
2023/01/14	15:36:00		0.000	1464	1508	1517	1563
2023/01/14	15:38:00		0.000	1477	1501	1545	1556
2023/01/14	15:40:00		0.000	1462	1506	1525	1551
2023/01/14	15:42:00		0.000	1470	1499	1534	1572
2023/01/14	15:44:00		0.000	1468	1494	1540	1564
2023/01/14	15:46:00		0.000	1463	1490	1534	1544
2023/01/14	15:48:00		0.000	1476	1497	1537	1564
2023/01/14	15:50:00		0.000	1479	1508	1551	1562
2023/01/14	15:52:00		0.000	1484	1508	1537	1563
2023/01/14	15:54:00		0.000	1501	1527	1536	1562
2023/01/14	15:56:00		0.000	1502	1534	1531	1550
2023/01/14	15:58:00		0.000	1507	1539	1547	1556
2023/01/14	16:00:00		0.000	1511	1538	1551	1566
2023/01/14	16:02:00		0.000	1524	1552	1542	1568
2023/01/14	16:04:00		0.000	1528	1548	1537	1570
2023/01/14	16:06:00		0.000	1512	1543	1520	1537
2023/01/14	16:08:00		0.000	1508	1543	1481	1520
2023/01/14	16:10:00		0.000	1499	1539	1498	1563
2023/01/14	16:12:00		0.000	1495	1527	1539	1568
2023/01/14	16:14:00		0.000	1501	1527	1530	1553
2023/01/14	16:16:00		0.000	1502	1531	1551	1561
2023/01/14	16:18:00		0.000	1497	1530	1558	1578
2023/01/14	16:20:00		0.000	1496	1529	1522	1572
2023/01/14	16:22:00		0.000	1497	1529	1517	1527

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/14	16:24:00		0.000	1504	1530	1521	1529
2023/01/14	16:26:00		0.000	1505	1538	1521	1556
2023/01/14	16:28:00		0.000	1512	1546	1556	1571
2023/01/14	16:30:00		0.000	1523	1546	1555	1579
2023/01/14	16:32:00		0.000	1521	1543	1539	1564
2023/01/14	16:34:00		0.000	1512	1543	1528	1563
2023/01/14	16:36:00		0.000	1508	1536	1510	1539
2023/01/14	16:38:00		0.000	1502	1538	1497	1556
2023/01/14	16:40:00		0.000	1499	1541	1542	1557
2023/01/14	16:42:00		0.000	1484	1512	1528	1542
2023/01/14	16:44:00		0.000	1469	1502	1510	1539
2023/01/14	16:46:00		0.000	1445	1480	1493	1514
2023/01/14	16:48:00		0.000	1442	1472	1502	1523
2023/01/14	16:50:00		0.000	1441	1479	1523	1579
2023/01/14	16:52:00		0.000	1452	1486	1573	1589
2023/01/14	16:54:00		0.000	1455	1484	1574	1591
2023/01/14	16:56:00		0.000	1460	1501	1499	1574
2023/01/14	16:58:00		0.000	1474	1510	1499	1548
2023/01/14	17:00:00		0.000	1488	1519	1539	1560
2023/01/14	17:02:00		0.000	1498	1525	1551	1577
2023/01/14	17:04:00		0.000	1507	1527	1566	1582
2023/01/14	17:06:00		0.000	1501	1526	1542	1571
2023/01/14	17:08:00		0.000	1501	1530	1529	1564
2023/01/14	17:10:00		0.000	1494	1520	1523	1546
2023/01/14	17:12:00		0.000	1483	1519	1501	1523
2023/01/14	17:14:00		0.000	1482	1514	1504	1545
2023/01/14	17:16:00		0.000	1477	1509	1545	1577
2023/01/14	17:18:00		0.000	1472	1507	1523	1577
2023/01/14	17:20:00		0.000	1481	1503	1515	1528
2023/01/14	17:22:00		0.000	1474	1502	1516	1539
2023/01/14	17:24:00		0.000	1482	1507	1525	1539
2023/01/14	17:26:00		0.000	1485	1514	1537	1561
2023/01/14	17:28:00		0.000	1492	1519	1553	1591
2023/01/14	17:30:00		0.000	1491	1519	1539	1553
2023/01/14	17:32:00		0.000	1489	1527	1533	1554
2023/01/14	17:34:00		0.000	1476	1521	1513	1534
2023/01/14	17:36:00		0.000	1467	1501	1504	1517
2023/01/14	17:38:00		0.000	1472	1500	1517	1546
2023/01/14	17:40:00		0.000	1476	1505	1545	1556
2023/01/14	17:42:00		0.000	1486	1510	1552	1585
2023/01/14	17:44:00		0.000	1485	1519	1545	1585

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	17:46:00	0.000		1497	1519	1525	1553
2023/01/14	17:48:00	0.000		2	1632	1407	1582
2023/01/14	17:50:00	0.000		3	3	722	1407
2023/01/14	17:52:00	0.000		3	3	482	722
2023/01/14	17:54:00	0.000		3	3	368	482
2023/01/14	17:56:00	0.000		3	3	294	368
2023/01/14	17:58:00	0.000		3	3	256	294
2023/01/14	18:00:00	0.000		3	3	224	256
2023/01/14	18:02:00	0.000		3	3	196	224
2023/01/14	18:04:00	0.000		3	3	178	196
2023/01/14	18:06:00	0.000		3	3	167	178
2023/01/14	18:08:00	0.000		3	3	154	167
2023/01/14	18:10:00	0.000		3	3	144	154
2023/01/14	18:12:00	0.000		3	3	136	144
2023/01/14	18:14:00	0.000		3	3	129	136
2023/01/14	18:16:00	0.000		3	3	123	129
2023/01/14	18:18:00	0.000		3	3	117	123
2023/01/14	18:20:00	0.000		3	3	112	117
2023/01/14	18:22:00	0.000		3	3	108	112
2023/01/14	18:24:00	0.000		3	3	104	108
2023/01/14	18:26:00	0.000		3	3	101	105
2023/01/14	18:28:00	0.000		3	3	99	102
2023/01/14	18:30:00	0.000		3	3	96	100
2023/01/14	18:32:00	0.000		3	3	96	97
2023/01/14	18:34:00	0.000		3	3	93	96
2023/01/14	18:36:00	0.000		3	3	91	93
2023/01/14	18:38:00	0.000		3	3	89	91
2023/01/14	18:40:00	0.000		3	3	87	89
2023/01/14	18:42:00	0.000		3	3	87	87
2023/01/14	18:44:00	0.000		3	3	87	87
2023/01/14	18:46:00	0.000		3	3	85	87
2023/01/14	18:48:00	0.000		3	3	84	85
2023/01/14	18:50:00	0.000		3	3	83	84
2023/01/14	18:52:00	0.000		3	3	83	83
2023/01/14	18:54:00	0.000		3	3	81	83
2023/01/14	18:56:00	0.000		3	3	79	82
2023/01/14	18:58:00	0.000		3	3	77	79
2023/01/14	19:00:00	0.000		3	3	76	77
2023/01/14	19:02:00	0.000		3	3	74	76
2023/01/14	19:04:00	0.000		3	3	73	74
2023/01/14	19:06:00	0.000		3	3	71	73

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/14	19:08:00		0.000	3	3	71	72	
2023/01/14	19:10:00		0.000	3	3	69	71	
2023/01/14	19:12:00		0.000	3	3	69	71	
2023/01/14	19:14:00		0.000	3	3	69	70	
2023/01/14	19:16:00		0.000	3	3	66	70	
2023/01/14	19:18:00		0.000	3	3	66	67	
2023/01/14	19:20:00		0.000	3	3	67	67	
2023/01/14	19:22:00		0.000	3	3	67	67	
2023/01/14	19:24:00		0.000	3	3	67	68	
2023/01/14	19:26:00		0.000	3	3	66	68	
2023/01/14	19:28:00		0.000	3	3	66	66	
2023/01/14	19:30:00		0.000	3	3	66	67	
2023/01/14	19:32:00		0.000	3	3	66	66	
2023/01/14	19:34:00		0.000	3	3	65	66	
2023/01/14	19:36:00		0.000	3	3	64	65	
2023/01/14	19:38:00		0.000	3	3	63	64	
2023/01/14	19:40:00		0.000	3	3	64	65	
2023/01/14	19:42:00		0.000	3	3	65	65	
2023/01/14	19:44:00		0.000	3	3	65	65	
2023/01/14	19:46:00		0.000	3	3	64	65	
2023/01/14	19:48:00		0.000	3	3	65	65	
2023/01/14	19:50:00		0.000	3	3	65	65	
2023/01/14	19:52:00		0.000	3	3	64	65	
2023/01/14	19:54:00		0.000	3	3	63	65	
2023/01/14	19:56:00		0.000	3	3	63	65	
2023/01/14	19:58:00		0.000	3	3	63	64	
2023/01/14	20:00:00		0.000	3	3	63	64	
2023/01/14	20:02:00		0.000	3	3	63	63	
2023/01/14	20:04:00		0.000	3	1200	63	63	
2023/01/14	20:06:00		0.000	3	1491	63	63	
2023/01/14	20:08:00		0.000	3	1547	63	64	
2023/01/14	20:10:00		0.000	3	993	64	65	
2023/01/14	20:12:00		0.000	3	3	63	64	
2023/01/14	20:14:00		0.000	3	1002	63	64	
2023/01/14	20:16:00		0.000	3	952	63	63	
2023/01/14	20:18:00		0.000	3	1085	63	63	
2023/01/14	20:20:00		0.000	3	1017	63	63	
2023/01/14	20:22:00		0.000	3	3	63	63	
2023/01/14	20:24:00		0.000	3	3	61	63	
2023/01/14	20:26:00		0.000	3	1115	61	62	
2023/01/14	20:28:00		0.000	3	3	61	62	



# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/14	20:30:00		0.000	3	3	61	61	
2023/01/14	20:32:00		0.000	3	3	60	61	
2023/01/14	20:34:00		0.000	3	3	59	60	
2023/01/14	20:36:00		0.000	3	593	59	60	
2023/01/14	20:38:00		0.000	3	3	60	61	
2023/01/14	20:40:00		0.000	3	913	61	62	
2023/01/14	20:42:00		0.000	3	3	62	63	
2023/01/14	20:44:00		0.000	3	3	62	63	
2023/01/14	20:46:00		0.000	3	3	63	63	
2023/01/14	20:48:00		0.000	3	3	63	63	
2023/01/14	20:50:00		0.000	3	3	63	63	
2023/01/14	20:52:00		0.000	3	3	63	63	
2023/01/14	20:54:00		0.000	3	3	63	63	
2023/01/14	20:56:00		0.000	3	3	61	63	
2023/01/14	20:58:00		0.000	3	3	61	62	
2023/01/14	21:00:00		0.000	3	3	61	61	
2023/01/14	21:02:00		0.000	3	3	61	63	
2023/01/14	21:04:00		0.000	3	3	62	63	
2023/01/14	21:06:00		0.000	3	3	63	63	
2023/01/14	21:08:00		0.000	3	3	62	63	
2023/01/14	21:10:00		0.000	3	3	62	63	
2023/01/14	21:12:00		0.000	3	1583	61	63	
2023/01/14	21:14:00		0.000	3	1454	60	61	
2023/01/14	21:16:00		0.000	3	3	60	61	
2023/01/14	21:18:00		0.000	3	1491	61	63	
2023/01/14	21:20:00		0.000	3	3	63	63	
2023/01/14	21:22:00		0.000	3	3	62	63	
2023/01/14	21:24:00		0.000	3	1491	62	63	
2023/01/14	21:26:00		0.000	3	3	62	63	
2023/01/14	21:28:00		0.000	3	3	62	63	
2023/01/14	21:30:00		0.000	3	3	62	63	
2023/01/14	21:32:00		0.000	3	3	61	62	
2023/01/14	21:34:00		0.000	3	3	61	61	
2023/01/14	21:36:00		0.000	3	3	61	61	
2023/01/14	21:38:00		0.000	3	3	61	61	
2023/01/14	21:40:00		0.000	3	3	61	61	
2023/01/14	21:42:00		0.000	3	3	61	61	
2023/01/14	21:44:00		0.000	3	3	61	61	
2023/01/14	21:46:00		0.000	3	3	60	61	
2023/01/14	21:48:00		0.000	3	3	60	61	
2023/01/14	21:50:00		0.000	3	3	60	61	

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## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	21:52:00		0.000	3	3	60	61
2023/01/14	21:54:00		0.000	3	3	60	61
2023/01/14	21:56:00		0.000	3	3	60	61
2023/01/14	21:58:00		0.000	3	3	60	60
2023/01/14	22:00:00		0.000	3	3	60	60
2023/01/14	22:02:00		0.000	3	3	60	60
2023/01/14	22:04:00		0.000	3	3	60	60
2023/01/14	22:06:00		0.000	3	3	60	60
2023/01/14	22:08:00		0.000	3	3	60	60
2023/01/14	22:10:00		0.000	3	3	59	60
2023/01/14	22:12:00		0.000	3	3	59	60
2023/01/14	22:14:00		0.000	3	3	59	60
2023/01/14	22:16:00		0.000	3	3	59	60
2023/01/14	22:18:00		0.000	3	3	59	60
2023/01/14	22:20:00		0.000	3	3	59	60
2023/01/14	22:22:00		0.000	3	3	59	60
2023/01/14	22:24:00		0.000	3	3	59	59
2023/01/14	22:26:00		0.000	3	3	58	59
2023/01/14	22:28:00		0.000	3	3	59	59
2023/01/14	22:30:00		0.000	3	3	59	59
2023/01/14	22:32:00		0.000	3	3	59	59
2023/01/14	22:34:00		0.000	3	3	59	59
2023/01/14	22:36:00		0.000	3	3	58	59
2023/01/14	22:38:00		0.000	3	3	58	59
2023/01/14	22:40:00		0.000	3	3	59	59
2023/01/14	22:42:00		0.000	3	3	58	59
2023/01/14	22:44:00		0.000	3	3	58	59
2023/01/14	22:46:00		0.000	3	3	58	59
2023/01/14	22:48:00		0.000	3	3	58	59
2023/01/14	22:50:00		0.000	3	3	58	59
2023/01/14	22:52:00		0.000	3	3	58	59
2023/01/14	22:54:00		0.000	3	3	58	59
2023/01/14	22:56:00		0.000	3	3	58	59
2023/01/14	22:58:00		0.000	3	3	58	59
2023/01/14	23:00:00		0.000	3	3	58	59
2023/01/14	23:02:00		0.000	3	3	58	59
2023/01/14	23:04:00		0.000	3	3	58	59
2023/01/14	23:06:00		0.000	3	3	58	59
2023/01/14	23:08:00		0.000	3	3	58	59
2023/01/14	23:10:00		0.000	3	3	58	59
2023/01/14	23:12:00		0.000	3	3	58	58

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/14	23:14:00		0.000	3	3	58	58
2023/01/14	23:16:00		0.000	3	3	58	58
2023/01/14	23:18:00		0.000	3	3	58	58
2023/01/14	23:20:00		0.000	3	3	58	58
2023/01/14	23:22:00		0.000	3	3	58	58
2023/01/14	23:24:00		0.000	3	3	58	58
2023/01/14	23:26:00		0.000	3	3	58	58
2023/01/14	23:28:00		0.000	3	3	58	59
2023/01/14	23:30:00		0.000	3	3	58	58
2023/01/14	23:32:00		0.000	3	3	58	58
2023/01/14	23:34:00		0.000	3	3	58	58
2023/01/14	23:36:00		0.000	3	3	58	58
2023/01/14	23:38:00		0.000	3	3	58	58
2023/01/14	23:40:00		0.000	3	3	58	58
2023/01/14	23:42:00		0.000	3	3	58	58
2023/01/14	23:44:00		0.000	3	3	58	58
2023/01/14	23:46:00		0.000	3	3	58	58
2023/01/14	23:48:00		0.000	3	3	58	58
2023/01/14	23:50:00		0.000	3	3	58	58
2023/01/14	23:52:00		0.000	3	3	58	58
2023/01/14	23:54:00		0.000	3	3	58	58
2023/01/14	23:56:00		0.000	3	3	58	58
2023/01/14	23:58:00		0.000	3	3	58	58

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	00:00:00		0.000	3	3	58	58	
2023/01/15	00:02:00		0.000	3	3	58	58	
2023/01/15	00:04:00		0.000	3	3	58	58	
2023/01/15	00:06:00		0.000	3	3	58	58	
2023/01/15	00:08:00		0.000	3	3	57	58	
2023/01/15	00:10:00		0.000	3	3	57	58	
2023/01/15	00:12:00		0.000	3	3	57	58	
2023/01/15	00:14:00		0.000	3	3	57	58	
2023/01/15	00:16:00		0.000	3	3	57	58	
2023/01/15	00:18:00		0.000	3	3	57	58	
2023/01/15	00:20:00		0.000	3	3	58	58	
2023/01/15	00:22:00		0.000	3	3	57	58	
2023/01/15	00:24:00		0.000	3	3	57	58	
2023/01/15	00:26:00		0.000	3	3	58	58	
2023/01/15	00:28:00		0.000	3	3	57	58	
2023/01/15	00:30:00		0.000	3	3	57	58	
2023/01/15	00:32:00		0.000	3	3	57	58	
2023/01/15	00:34:00		0.000	3	3	57	58	
2023/01/15	00:36:00		0.000	3	3	57	58	
2023/01/15	00:38:00		0.000	3	3	57	58	
2023/01/15	00:40:00		0.000	3	3	57	58	
2023/01/15	00:42:00		0.000	3	3	57	58	
2023/01/15	00:44:00		0.000	3	3	57	57	
2023/01/15	00:46:00		0.000	3	3	57	58	
2023/01/15	00:48:00		0.000	3	3	57	58	
2023/01/15	00:50:00		0.000	3	3	57	58	
2023/01/15	00:52:00		0.000	3	3	57	58	
2023/01/15	00:54:00		0.000	3	3	57	58	
2023/01/15	00:56:00		0.000	3	3	57	58	
2023/01/15	00:58:00		0.000	3	3	57	57	
2023/01/15	01:00:00		0.000	3	3	57	57	
2023/01/15	01:02:00		0.000	3	3	57	57	
2023/01/15	01:04:00		0.000	3	3	57	57	
2023/01/15	01:06:00		0.000	3	3	57	57	
2023/01/15	01:08:00		0.000	3	3	57	57	
2023/01/15	01:10:00		0.000	3	3	57	57	
2023/01/15	01:12:00		0.000	3	3	57	57	
2023/01/15	01:14:00		0.000	3	3	57	57	
2023/01/15	01:16:00		0.000	3	3	57	57	
2023/01/15	01:18:00		0.000	3	3	57	57	
2023/01/15	01:20:00		0.000	3	3	57	57	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	01:22:00		0.000	3	3	57	57	
2023/01/15	01:24:00		0.000	3	3	57	57	
2023/01/15	01:26:00		0.000	3	3	57	57	
2023/01/15	01:28:00		0.000	3	3	57	57	
2023/01/15	01:30:00		0.000	3	3	56	57	
2023/01/15	01:32:00		0.000	3	3	56	58	
2023/01/15	01:34:00		0.000	3	3	56	58	
2023/01/15	01:36:00		0.000	3	3	57	57	
2023/01/15	01:38:00		0.000	3	3	57	57	
2023/01/15	01:40:00		0.000	3	3	57	57	
2023/01/15	01:42:00		0.000	3	3	57	57	
2023/01/15	01:44:00		0.000	3	3	57	57	
2023/01/15	01:46:00		0.000	3	3	57	57	
2023/01/15	01:48:00		0.000	3	3	57	57	
2023/01/15	01:50:00		0.000	3	3	57	57	
2023/01/15	01:52:00		0.000	3	3	57	57	
2023/01/15	01:54:00		0.000	3	3	57	57	
2023/01/15	01:56:00		0.000	3	3	57	57	
2023/01/15	01:58:00		0.000	3	3	57	57	
2023/01/15	02:00:00		0.000	3	3	57	57	
2023/01/15	02:02:00		0.000	3	3	57	57	
2023/01/15	02:04:00		0.000	3	3	57	57	
2023/01/15	02:06:00		0.000	3	3	57	57	
2023/01/15	02:08:00		0.000	3	3	56	57	
2023/01/15	02:10:00		0.000	3	3	56	57	
2023/01/15	02:12:00		0.000	3	3	57	57	
2023/01/15	02:14:00		0.000	3	3	57	57	
2023/01/15	02:16:00		0.000	3	3	56	57	
2023/01/15	02:18:00		0.000	3	3	56	57	
2023/01/15	02:20:00		0.000	3	3	56	57	
2023/01/15	02:22:00		0.000	3	3	56	57	
2023/01/15	02:24:00		0.000	3	3	57	57	
2023/01/15	02:26:00		0.000	3	3	57	57	
2023/01/15	02:28:00		0.000	3	3	57	57	
2023/01/15	02:30:00		0.000	3	3	57	57	
2023/01/15	02:32:00		0.000	3	3	57	57	
2023/01/15	02:34:00		0.000	3	3	57	57	
2023/01/15	02:36:00		0.000	3	3	56	57	
2023/01/15	02:38:00		0.000	3	3	56	57	
2023/01/15	02:40:00		0.000	3	3	56	57	
2023/01/15	02:42:00		0.000	3	3	56	57	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	02:44:00		0.000	3	3	56	57	
2023/01/15	02:46:00		0.000	3	3	56	57	
2023/01/15	02:48:00		0.000	3	3	56	57	
2023/01/15	02:50:00		0.000	3	3	56	57	
2023/01/15	02:52:00		0.000	3	3	56	57	
2023/01/15	02:54:00		0.000	3	3	56	57	
2023/01/15	02:56:00		0.000	3	3	56	57	
2023/01/15	02:58:00		0.000	3	3	56	57	
2023/01/15	03:00:00		0.000	3	3	56	57	
2023/01/15	03:02:00		0.000	3	3	56	57	
2023/01/15	03:04:00		0.000	3	3	56	57	
2023/01/15	03:06:00		0.000	3	3	56	57	
2023/01/15	03:08:00		0.000	3	3	56	57	
2023/01/15	03:10:00		0.000	3	3	56	57	
2023/01/15	03:12:00		0.000	3	3	56	57	
2023/01/15	03:14:00		0.000	3	3	56	57	
2023/01/15	03:16:00		0.000	3	3	56	57	
2023/01/15	03:18:00		0.000	3	3	56	57	
2023/01/15	03:20:00		0.000	3	3	56	57	
2023/01/15	03:22:00		0.000	3	3	56	57	
2023/01/15	03:24:00		0.000	3	3	56	57	
2023/01/15	03:26:00		0.000	3	3	56	57	
2023/01/15	03:28:00		0.000	3	3	56	56	
2023/01/15	03:30:00		0.000	3	3	56	56	
2023/01/15	03:32:00		0.000	3	3	56	56	
2023/01/15	03:34:00		0.000	3	3	56	56	
2023/01/15	03:36:00		0.000	3	3	56	56	
2023/01/15	03:38:00		0.000	3	3	56	56	
2023/01/15	03:40:00		0.000	3	3	56	56	
2023/01/15	03:42:00		0.000	3	3	56	56	
2023/01/15	03:44:00		0.000	3	3	56	56	
2023/01/15	03:46:00		0.000	3	3	56	56	
2023/01/15	03:48:00		0.000	3	3	56	56	
2023/01/15	03:50:00		0.000	3	3	56	56	
2023/01/15	03:52:00		0.000	3	3	56	56	
2023/01/15	03:54:00		0.000	3	3	56	56	
2023/01/15	03:56:00		0.000	3	3	56	56	
2023/01/15	03:58:00		0.000	3	3	56	56	
2023/01/15	04:00:00		0.000	3	3	56	56	
2023/01/15	04:02:00		0.000	3	3	56	56	
2023/01/15	04:04:00		0.000	3	3	56	56	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	04:06:00		0.000	3	3	56	56
2023/01/15	04:08:00		0.000	3	3	56	56
2023/01/15	04:10:00		0.000	3	3	56	56
2023/01/15	04:12:00		0.000	3	3	56	56
2023/01/15	04:14:00		0.000	3	3	56	56
2023/01/15	04:16:00		0.000	3	3	56	56
2023/01/15	04:18:00		0.000	3	3	56	56
2023/01/15	04:20:00		0.000	3	3	56	56
2023/01/15	04:22:00		0.000	3	3	56	56
2023/01/15	04:24:00		0.000	3	3	56	56
2023/01/15	04:26:00		0.000	3	3	56	56
2023/01/15	04:28:00		0.000	3	3	56	56
2023/01/15	04:30:00		0.000	3	3	56	56
2023/01/15	04:32:00		0.000	3	3	56	56
2023/01/15	04:34:00		0.000	3	3	56	56
2023/01/15	04:36:00		0.000	3	3	56	56
2023/01/15	04:38:00		0.000	3	3	56	56
2023/01/15	04:40:00		0.000	3	3	56	56
2023/01/15	04:42:00		0.000	3	3	56	56
2023/01/15	04:44:00		0.000	3	3	56	56
2023/01/15	04:46:00		0.000	3	3	56	56
2023/01/15	04:48:00		0.000	3	3	56	56
2023/01/15	04:50:00		0.000	3	3	56	56
2023/01/15	04:52:00		0.000	3	3	56	56
2023/01/15	04:54:00		0.000	3	3	56	56
2023/01/15	04:56:00		0.000	3	3	56	56
2023/01/15	04:58:00		0.000	3	3	56	56
2023/01/15	05:00:00		0.000	3	3	56	56
2023/01/15	05:02:00		0.000	3	3	56	56
2023/01/15	05:04:00		0.000	3	3	56	56
2023/01/15	05:06:00		0.000	3	3	56	56
2023/01/15	05:08:00		0.000	3	3	56	56
2023/01/15	05:10:00		0.000	3	3	56	56
2023/01/15	05:12:00		0.000	3	3	56	56
2023/01/15	05:14:00		0.000	3	3	56	56
2023/01/15	05:16:00		0.000	3	3	56	56
2023/01/15	05:18:00		0.000	3	3	56	56
2023/01/15	05:20:00		0.000	3	3	56	56
2023/01/15	05:22:00		0.000	3	3	56	56
2023/01/15	05:24:00		0.000	3	3	56	56
2023/01/15	05:26:00		0.000	3	3	56	56

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	05:28:00		0.000	3	3	56	56	
2023/01/15	05:30:00		0.000	3	3	56	56	
2023/01/15	05:32:00		0.000	3	3	56	57	
2023/01/15	05:34:00		0.000	3	3	56	57	
2023/01/15	05:36:00		0.000	3	3	56	57	
2023/01/15	05:38:00		0.000	3	3	56	56	
2023/01/15	05:40:00		0.000	3	3	56	56	
2023/01/15	05:42:00		0.000	3	3	56	57	
2023/01/15	05:44:00		0.000	3	3	55	57	
2023/01/15	05:46:00		0.000	3	3	55	57	
2023/01/15	05:48:00		0.000	3	3	56	57	
2023/01/15	05:50:00		0.000	3	3	56	57	
2023/01/15	05:52:00		0.000	3	3	56	57	
2023/01/15	05:54:00		0.000	3	3	56	57	
2023/01/15	05:56:00		0.000	3	3	56	57	
2023/01/15	05:58:00		0.000	3	3	56	57	
2023/01/15	06:00:00		0.000	3	3	56	57	
2023/01/15	06:02:00		0.000	3	3	56	57	
2023/01/15	06:04:00		0.000	3	3	56	57	
2023/01/15	06:06:00		0.000	3	3	55	56	
2023/01/15	06:08:00		0.000	3	3	55	56	
2023/01/15	06:10:00		0.000	3	3	54	56	
2023/01/15	06:12:00		0.000	3	3	54	55	
2023/01/15	06:14:00		0.000	3	3	54	54	
2023/01/15	06:16:00		0.000	3	3	54	54	
2023/01/15	06:18:00		0.000	3	3	53	54	
2023/01/15	06:20:00		0.000	3	3	54	54	
2023/01/15	06:22:00		0.000	3	3	54	54	
2023/01/15	06:24:00		0.000	3	3	54	54	
2023/01/15	06:26:00		0.000	3	3	54	54	
2023/01/15	06:28:00		0.000	3	3	53	54	
2023/01/15	06:30:00		0.000	3	3	54	54	
2023/01/15	06:32:00		0.000	3	3	54	54	
2023/01/15	06:34:00		0.000	3	3	54	54	
2023/01/15	06:36:00		0.000	3	3	54	54	
2023/01/15	06:38:00		0.000	3	3	54	54	
2023/01/15	06:40:00		0.000	3	3	54	54	
2023/01/15	06:42:00		0.000	3	3	54	54	
2023/01/15	06:44:00		0.000	3	3	54	55	
2023/01/15	06:46:00		0.000	3	3	54	55	
2023/01/15	06:48:00		0.000	3	3	54	55	



# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	06:50:00		0.000	3	3	54	55	
2023/01/15	06:52:00		0.000	3	3	54	55	
2023/01/15	06:54:00		0.000	3	3	54	55	
2023/01/15	06:56:00		0.000	3	3	54	55	
2023/01/15	06:58:00		0.000	3	1525	54	55	
2023/01/15	07:00:00		0.000	3	3	55	55	
2023/01/15	07:02:00		0.000	3	3	55	55	
2023/01/15	07:04:00		0.000	3	3	55	55	
2023/01/15	07:06:00		0.000	3	3	55	55	
2023/01/15	07:08:00		0.000	3	3	55	55	
2023/01/15	07:10:00		0.000	3	3	55	55	
2023/01/15	07:12:00		0.000	3	3	55	55	
2023/01/15	07:14:00		0.000	3	3	55	55	
2023/01/15	07:16:00		0.000	3	3	55	55	
2023/01/15	07:18:00		0.000	3	3	55	55	
2023/01/15	07:20:00		0.000	3	3	55	55	
2023/01/15	07:22:00		0.000	3	3	54	55	
2023/01/15	07:24:00		0.000	3	3	53	54	
2023/01/15	07:26:00		0.000	3	2453	53	961	
2023/01/15	07:28:00		0.000	2188	2361	961	1603	
2023/01/15	07:30:00		0.000	2162	2200	1556	1594	
2023/01/15	07:32:00		0.000	2161	2186	1568	1642	
2023/01/15	07:34:00		0.000	2154	2192	1575	1604	
2023/01/15	07:36:00		0.000	2144	2172	1596	1653	
2023/01/15	07:38:00		0.000	2136	2163	1615	1645	
2023/01/15	07:40:00		0.000	2093	2137	1593	1618	
2023/01/15	07:42:00		0.000	2048	2096	1537	1604	
2023/01/15	07:44:00		0.000	2035	2066	1539	1580	
2023/01/15	07:46:00		0.000	1956	2043	1515	1573	
2023/01/15	07:48:00		0.000	1928	1980	1446	1515	
2023/01/15	07:50:00		0.000	1965	2001	1473	1510	
2023/01/15	07:52:00		0.000	1972	2024	1499	1510	
2023/01/15	07:54:00		0.000	1925	1976	1475	1556	
2023/01/15	07:56:00		0.000	1943	1981	1556	1577	
2023/01/15	07:58:00		0.000	1974	2012	1510	1557	
2023/01/15	08:00:00		0.000	1991	2037	1551	1572	
2023/01/15	08:02:00		0.000	2004	2042	1540	1566	
2023/01/15	08:04:00		0.000	2016	2056	1494	1540	
2023/01/15	08:06:00		0.000	1993	2071	1494	1541	
2023/01/15	08:08:00		0.000	1945	1997	1515	1553	
2023/01/15	08:10:00		0.000	1931	1981	1547	1601	

# Ox Mountain Landfill

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Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	08:12:00		0.000	1970	2018	1488	1587
2023/01/15	08:14:00		0.000	2016	2060	1492	1616
2023/01/15	08:16:00		0.000	2029	2063	1552	1623
2023/01/15	08:18:00		0.000	2041	2102	1545	1570
2023/01/15	08:20:00		0.000	2082	2122	1464	1559
2023/01/15	08:22:00		0.000	2070	2105	1457	1617
2023/01/15	08:24:00		0.000	2061	2092	1574	1613
2023/01/15	08:26:00		0.000	2060	2091	1533	1612
2023/01/15	08:28:00		0.000	2066	2100	1516	1557
2023/01/15	08:30:00		0.000	2061	2100	1524	1604
2023/01/15	08:32:00		0.000	2021	2063	1523	1566
2023/01/15	08:34:00		0.000	2045	2085	1522	1545
2023/01/15	08:36:00		0.000	2064	2094	1530	1591
2023/01/15	08:38:00		0.000	2067	2091	1522	1550
2023/01/15	08:40:00		0.000	2038	2079	1492	1535
2023/01/15	08:42:00		0.000	1959	2022	1483	1508
2023/01/15	08:44:00		0.000	1896	1969	1470	1504
2023/01/15	08:46:00		0.000	1887	1916	1470	1518
2023/01/15	08:48:00		0.000	1896	1921	1518	1553
2023/01/15	08:50:00		0.000	1901	1926	1516	1553
2023/01/15	08:52:00		0.000	1905	1931	1548	1584
2023/01/15	08:54:00		0.000	1890	1921	1480	1585
2023/01/15	08:56:00		0.000	1874	1902	1475	1593
2023/01/15	08:58:00		0.000	1854	1886	1543	1598
2023/01/15	09:00:00		0.000	1836	1868	1531	1566
2023/01/15	09:02:00		0.000	1823	1852	1485	1545
2023/01/15	09:04:00		0.000	1826	1848	1502	1545
2023/01/15	09:06:00		0.000	1816	1839	1525	1557
2023/01/15	09:08:00		0.000	1806	1829	1514	1548
2023/01/15	09:10:00		0.000	1810	1834	1496	1551
2023/01/15	09:12:00		0.000	1819	1860	1551	1580
2023/01/15	09:14:00		0.000	1844	1873	1558	1602
2023/01/15	09:16:00		0.000	1839	1873	1534	1600
2023/01/15	09:18:00		0.000	1823	1854	1531	1547
2023/01/15	09:20:00		0.000	1818	1841	1521	1542
2023/01/15	09:22:00		0.000	1826	1856	1510	1569
2023/01/15	09:24:00		0.000	1839	1865	1552	1580
2023/01/15	09:26:00		0.000	1850	1872	1531	1582
2023/01/15	09:28:00		0.000	1854	1871	1518	1582
2023/01/15	09:30:00		0.000	1842	1870	1528	1581
2023/01/15	09:32:00		0.000	1839	1862	1496	1533

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/15	09:34:00		0.000	1808	1858	1473	1510
2023/01/15	09:36:00		0.000	1806	1832	1506	1588
2023/01/15	09:38:00		0.000	1797	1822	1586	1603
2023/01/15	09:40:00		0.000	1777	1820	1490	1598
2023/01/15	09:42:00		0.000	1775	1791	1481	1495
2023/01/15	09:44:00		0.000	1769	1790	1495	1533
2023/01/15	09:46:00		0.000	1772	1795	1533	1585
2023/01/15	09:48:00		0.000	1776	1797	1550	1589
2023/01/15	09:50:00		0.000	1777	1798	1556	1591
2023/01/15	09:52:00		0.000	1773	1798	1545	1570
2023/01/15	09:54:00		0.000	1775	1796	1481	1553
2023/01/15	09:56:00		0.000	1752	1788	1495	1516
2023/01/15	09:58:00		0.000	1749	1775	1484	1513
2023/01/15	10:00:00		0.000	1755	1780	1499	1557
2023/01/15	10:02:00		0.000	1765	1791	1557	1576
2023/01/15	10:04:00		0.000	1765	1790	1568	1596
2023/01/15	10:06:00		0.000	1757	1783	1524	1574
2023/01/15	10:08:00		0.000	1734	1771	1533	1573
2023/01/15	10:10:00		0.000	1717	1743	1448	1533
2023/01/15	10:12:00		0.000	1700	1725	1499	1555
2023/01/15	10:14:00		0.000	1695	1718	1542	1560
2023/01/15	10:16:00		0.000	1703	1730	1539	1568
2023/01/15	10:18:00		0.000	1713	1732	1543	1589
2023/01/15	10:20:00		0.000	1724	1750	1557	1591
2023/01/15	10:22:00		0.000	1729	1760	1532	1559
2023/01/15	10:24:00		0.000	1744	1763	1504	1532
2023/01/15	10:26:00		0.000	1744	1765	1505	1528
2023/01/15	10:28:00		0.000	1745	1769	1524	1563
2023/01/15	10:30:00		0.000	1742	1763	1532	1563
2023/01/15	10:32:00		0.000	1732	1764	1504	1539
2023/01/15	10:34:00		0.000	1732	1751	1539	1571
2023/01/15	10:36:00		0.000	1732	1759	1548	1567
2023/01/15	10:38:00		0.000	1745	1765	1544	1572
2023/01/15	10:40:00		0.000	1751	1774	1541	1553
2023/01/15	10:42:00		0.000	1751	1769	1539	1578
2023/01/15	10:44:00		0.000	1751	1771	1495	1539
2023/01/15	10:46:00		0.000	1745	1765	1496	1562
2023/01/15	10:48:00		0.000	1743	1762	1508	1541
2023/01/15	10:50:00		0.000	1738	1760	1528	1537
2023/01/15	10:52:00		0.000	1732	1754	1520	1533
2023/01/15	10:54:00		0.000	1727	1751	1510	1528

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/15	10:56:00		0.000	1725	1747	1524	1553
2023/01/15	10:58:00		0.000	1732	1755	1551	1566
2023/01/15	11:00:00		0.000	1736	1762	1558	1605
2023/01/15	11:02:00		0.000	1746	1765	1556	1569
2023/01/15	11:04:00		0.000	1739	1765	1543	1586
2023/01/15	11:06:00		0.000	1728	1757	1497	1543
2023/01/15	11:08:00		0.000	1722	1745	1497	1537
2023/01/15	11:10:00		0.000	1725	1748	1504	1537
2023/01/15	11:12:00		0.000	1736	1761	1520	1584
2023/01/15	11:14:00		0.000	1728	1758	1569	1596
2023/01/15	11:16:00		0.000	1715	1743	1528	1569
2023/01/15	11:18:00		0.000	1685	1726	1518	1545
2023/01/15	11:20:00		0.000	1681	1699	1474	1545
2023/01/15	11:22:00		0.000	1681	1701	1474	1500
2023/01/15	11:24:00		0.000	1688	1716	1490	1573
2023/01/15	11:26:00		0.000	1695	1718	1549	1582
2023/01/15	11:28:00		0.000	1673	1705	1547	1572
2023/01/15	11:30:00		0.000	1674	1693	1524	1566
2023/01/15	11:32:00		0.000	1676	1709	1520	1546
2023/01/15	11:34:00		0.000	1699	1729	1519	1527
2023/01/15	11:36:00		0.000	1715	1745	1522	1576
2023/01/15	11:38:00		0.000	1729	1751	1560	1580
2023/01/15	11:40:00		0.000	1728	1747	1561	1574
2023/01/15	11:42:00		0.000	1719	1749	1561	1580
2023/01/15	11:44:00		0.000	1718	1736	1535	1568
2023/01/15	11:46:00		0.000	1710	1736	1518	1547
2023/01/15	11:48:00		0.000	1708	1737	1523	1541
2023/01/15	11:50:00		0.000	1716	1732	1522	1534
2023/01/15	11:52:00		0.000	1710	1732	1521	1540
2023/01/15	11:54:00		0.000	1720	1739	1518	1546
2023/01/15	11:56:00		0.000	1726	1746	1518	1586
2023/01/15	11:58:00		0.000	1725	1747	1548	1593
2023/01/15	12:00:00		0.000	1714	1737	1519	1569
2023/01/15	12:02:00		0.000	1709	1732	1508	1535
2023/01/15	12:04:00		0.000	1706	1725	1498	1524
2023/01/15	12:06:00		0.000	1707	1726	1507	1570
2023/01/15	12:08:00		0.000	1709	1729	1541	1562
2023/01/15	12:10:00		0.000	1699	1732	1526	1550
2023/01/15	12:12:00		0.000	1703	1721	1531	1554
2023/01/15	12:14:00		0.000	1707	1732	1483	1531
2023/01/15	12:16:00		0.000	1713	1729	1498	1554

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	12:18:00		0.000	1713	1734	1553	1609
2023/01/15	12:20:00		0.000	1717	1736	1566	1601
2023/01/15	12:22:00		0.000	1705	1738	1552	1570
2023/01/15	12:24:00		0.000	1678	1714	1531	1563
2023/01/15	12:26:00		0.000	1668	1690	1502	1531
2023/01/15	12:28:00		0.000	1655	1681	1503	1534
2023/01/15	12:30:00		0.000	1653	1674	1524	1545
2023/01/15	12:32:00		0.000	1645	1668	1522	1539
2023/01/15	12:34:00		0.000	1642	1662	1514	1533
2023/01/15	12:36:00		0.000	1636	1655	1511	1528
2023/01/15	12:38:00		0.000	1630	1653	1497	1535
2023/01/15	12:40:00		0.000	1629	1661	1502	1593
2023/01/15	12:42:00		0.000	1645	1674	1577	1599
2023/01/15	12:44:00		0.000	1654	1681	1570	1599
2023/01/15	12:46:00		0.000	1671	1693	1577	1596
2023/01/15	12:48:00		0.000	1675	1704	1515	1582
2023/01/15	12:50:00		0.000	1686	1708	1512	1543
2023/01/15	12:52:00		0.000	1690	1716	1500	1543
2023/01/15	12:54:00		0.000	1686	1707	1520	1541
2023/01/15	12:56:00		0.000	1674	1692	1479	1545
2023/01/15	12:58:00		0.000	1665	1686	1482	1546
2023/01/15	13:00:00		0.000	1661	1690	1546	1574
2023/01/15	13:02:00		0.000	1663	1694	1530	1566
2023/01/15	13:04:00		0.000	1674	1698	1537	1549
2023/01/15	13:06:00		0.000	1675	1696	1496	1550
2023/01/15	13:08:00		0.000	1670	1692	1485	1529
2023/01/15	13:10:00		0.000	1664	1692	1527	1644
2023/01/15	13:12:00		0.000	1670	1692	1527	1642
2023/01/15	13:14:00		0.000	1670	1687	1525	1556
2023/01/15	13:16:00		0.000	1660	1686	1536	1558
2023/01/15	13:18:00		0.000	1660	1682	1480	1542
2023/01/15	13:20:00		0.000	1659	1680	1479	1530
2023/01/15	13:22:00		0.000	1666	1687	1528	1557
2023/01/15	13:24:00		0.000	1664	1694	1557	1596
2023/01/15	13:26:00		0.000	1673	1692	1555	1576
2023/01/15	13:28:00		0.000	1672	1697	1545	1564
2023/01/15	13:30:00		0.000	1684	1703	1546	1582
2023/01/15	13:32:00		0.000	1691	1709	1528	1578
2023/01/15	13:34:00		0.000	1664	1708	1515	1539
2023/01/15	13:36:00		0.000	1633	1671	1467	1515
2023/01/15	13:38:00		0.000	1619	1644	1482	1509

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	13:40:00		0.000	1609	1630	1509	1537
2023/01/15	13:42:00		0.000	1601	1632	1516	1539
2023/01/15	13:44:00		0.000	1609	1626	1539	1558
2023/01/15	13:46:00		0.000	1605	1629	1539	1566
2023/01/15	13:48:00		0.000	1604	1627	1553	1588
2023/01/15	13:50:00		0.000	1613	1637	1533	1560
2023/01/15	13:52:00		0.000	1626	1644	1560	1622
2023/01/15	13:54:00		0.000	1630	1652	1523	1622
2023/01/15	13:56:00		0.000	1637	1664	1528	1584
2023/01/15	13:58:00		0.000	1650	1670	1549	1593
2023/01/15	14:00:00		0.000	1649	1670	1551	1572
2023/01/15	14:02:00		0.000	1649	1671	1515	1557
2023/01/15	14:04:00		0.000	1649	1668	1501	1525
2023/01/15	14:06:00		0.000	1649	1672	1525	1561
2023/01/15	14:08:00		0.000	1647	1674	1560	1572
2023/01/15	14:10:00		0.000	1652	1675	1526	1576
2023/01/15	14:12:00		0.000	1654	1674	1523	1554
2023/01/15	14:14:00		0.000	1654	1675	1533	1554
2023/01/15	14:16:00		0.000	1654	1674	1523	1558
2023/01/15	14:18:00		0.000	1654	1672	1516	1549
2023/01/15	14:20:00		0.000	1649	1670	1498	1528
2023/01/15	14:22:00		0.000	1649	1666	1507	1529
2023/01/15	14:24:00		0.000	1641	1660	1526	1566
2023/01/15	14:26:00		0.000	1639	1659	1543	1568
2023/01/15	14:28:00		0.000	1630	1654	1525	1560
2023/01/15	14:30:00		0.000	1632	1652	1525	1576
2023/01/15	14:32:00		0.000	1627	1647	1512	1576
2023/01/15	14:34:00		0.000	1624	1644	1513	1528
2023/01/15	14:36:00		0.000	1625	1649	1523	1546
2023/01/15	14:38:00		0.000	1630	1652	1535	1550
2023/01/15	14:40:00		0.000	1639	1664	1512	1538
2023/01/15	14:42:00		0.000	1651	1681	1528	1554
2023/01/15	14:44:00		0.000	1633	1670	1551	1570
2023/01/15	14:46:00		0.000	1613	1646	1512	1558
2023/01/15	14:48:00		0.000	1597	1625	1494	1512
2023/01/15	14:50:00		0.000	1578	1605	1506	1530
2023/01/15	14:52:00		0.000	1582	1603	1520	1545
2023/01/15	14:54:00		0.000	1584	1612	1526	1548
2023/01/15	14:56:00		0.000	1590	1615	1547	1560
2023/01/15	14:58:00		0.000	1599	1624	1554	1581
2023/01/15	15:00:00		0.000	1602	1630	1547	1576

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/15	15:02:00		0.000	1605	1629	1535	1578
2023/01/15	15:04:00		0.000	1608	1630	1516	1539
2023/01/15	15:06:00		0.000	1611	1636	1500	1536
2023/01/15	15:08:00		0.000	1613	1638	1494	1547
2023/01/15	15:10:00		0.000	1617	1641	1547	1584
2023/01/15	15:12:00		0.000	1625	1650	1557	1570
2023/01/15	15:14:00		0.000	1631	1653	1551	1563
2023/01/15	15:16:00		0.000	1636	1660	1562	1594
2023/01/15	15:18:00		0.000	1640	1659	1505	1609
2023/01/15	15:20:00		0.000	1637	1659	1496	1516
2023/01/15	15:22:00		0.000	1632	1655	1504	1564
2023/01/15	15:24:00		0.000	1622	1652	1485	1572
2023/01/15	15:26:00		0.000	1619	1641	1464	1542
2023/01/15	15:28:00		0.000	1611	1639	1542	1577
2023/01/15	15:30:00		0.000	1612	1632	1569	1583
2023/01/15	15:32:00		0.000	1608	1626	1543	1582
2023/01/15	15:34:00		0.000	1601	1626	1505	1543
2023/01/15	15:36:00		0.000	1607	1626	1494	1531
2023/01/15	15:38:00		0.000	1608	1625	1531	1556
2023/01/15	15:40:00		0.000	1608	1625	1556	1564
2023/01/15	15:42:00		0.000	1607	1624	1561	1572
2023/01/15	15:44:00		0.000	1608	1631	1557	1568
2023/01/15	15:46:00		0.000	1611	1630	1547	1567
2023/01/15	15:48:00		0.000	1608	1633	1531	1574
2023/01/15	15:50:00		0.000	1615	1638	1501	1574
2023/01/15	15:52:00		0.000	1623	1645	1505	1547
2023/01/15	15:54:00		0.000	1608	1641	1528	1549
2023/01/15	15:56:00		0.000	1597	1629	1516	1550
2023/01/15	15:58:00		0.000	1579	1619	1508	1522
2023/01/15	16:00:00		0.000	1570	1593	1500	1539
2023/01/15	16:02:00		0.000	1561	1589	1501	1553
2023/01/15	16:04:00		0.000	1541	1578	1539	1554
2023/01/15	16:06:00		0.000	1545	1570	1507	1554
2023/01/15	16:08:00		0.000	1549	1573	1508	1525
2023/01/15	16:10:00		0.000	1553	1580	1525	1540
2023/01/15	16:12:00		0.000	1564	1597	1523	1572
2023/01/15	16:14:00		0.000	1574	1597	1572	1594
2023/01/15	16:16:00		0.000	1585	1609	1539	1588
2023/01/15	16:18:00		0.000	1589	1619	1539	1580
2023/01/15	16:20:00		0.000	1599	1623	1566	1579
2023/01/15	16:22:00		0.000	1600	1619	1530	1572

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	16:24:00		0.000	1597	1619	1520	1530
2023/01/15	16:26:00		0.000	1604	1622	1459	1527
2023/01/15	16:28:00		0.000	1599	1626	1492	1531
2023/01/15	16:30:00		0.000	1601	1629	1525	1569
2023/01/15	16:32:00		0.000	1605	1634	1568	1588
2023/01/15	16:34:00		0.000	1611	1636	1572	1595
2023/01/15	16:36:00		0.000	1609	1636	1558	1582
2023/01/15	16:38:00		0.000	1613	1636	1523	1558
2023/01/15	16:40:00		0.000	1613	1637	1522	1542
2023/01/15	16:42:00		0.000	1606	1632	1523	1540
2023/01/15	16:44:00		0.000	1597	1623	1506	1535
2023/01/15	16:46:00		0.000	1593	1617	1514	1527
2023/01/15	16:48:00		0.000	1593	1619	1521	1534
2023/01/15	16:50:00		0.000	1598	1619	1533	1556
2023/01/15	16:52:00		0.000	1597	1630	1547	1564
2023/01/15	16:54:00		0.000	1602	1625	1543	1553
2023/01/15	16:56:00		0.000	1597	1629	1553	1567
2023/01/15	16:58:00		0.000	1599	1623	1548	1561
2023/01/15	17:00:00		0.000	1607	1630	1521	1552
2023/01/15	17:02:00		0.000	1609	1640	1524	1553
2023/01/15	17:04:00		0.000	1601	1633	1535	1564
2023/01/15	17:06:00		0.000	1587	1611	1514	1535
2023/01/15	17:08:00		0.000	1574	1603	1497	1514
2023/01/15	17:10:00		0.000	1563	1591	1497	1516
2023/01/15	17:12:00		0.000	1557	1581	1513	1534
2023/01/15	17:14:00		0.000	1549	1576	1533	1556
2023/01/15	17:16:00		0.000	1550	1574	1534	1558
2023/01/15	17:18:00		0.000	1549	1570	1514	1537
2023/01/15	17:20:00		0.000	1543	1571	1537	1577
2023/01/15	17:22:00		0.000	1552	1584	1565	1597
2023/01/15	17:24:00		0.000	1565	1594	1549	1565
2023/01/15	17:26:00		0.000	1578	1617	1556	1580
2023/01/15	17:28:00		0.000	1597	1629	1560	1578
2023/01/15	17:30:00		0.000	1607	1630	1532	1560
2023/01/15	17:32:00		0.000	1599	1625	1542	1573
2023/01/15	17:34:00		0.000	1594	1619	1535	1553
2023/01/15	17:36:00		0.000	1590	1615	1533	1542
2023/01/15	17:38:00		0.000	1593	1627	1510	1534
2023/01/15	17:40:00		0.000	1601	1625	1512	1523
2023/01/15	17:42:00		0.000	1600	1626	1520	1538
2023/01/15	17:44:00		0.000	1600	1621	1533	1541



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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	17:46:00		0.000	1603	1626	1529	1545
2023/01/15	17:48:00		0.000	1603	1622	1534	1559
2023/01/15	17:50:00		0.000	1599	1622	1546	1556
2023/01/15	17:52:00		0.000	1600	1623	1531	1546
2023/01/15	17:54:00		0.000	1605	1630	1533	1574
2023/01/15	17:56:00		0.000	1601	1632	1556	1577
2023/01/15	17:58:00		0.000	1605	1633	1537	1567
2023/01/15	18:00:00		0.000	1620	1637	1518	1564
2023/01/15	18:02:00		0.000	1616	1638	1516	1547
2023/01/15	18:04:00		0.000	1615	1644	1545	1554
2023/01/15	18:06:00		0.000	1617	1641	1528	1553
2023/01/15	18:08:00		0.000	1616	1638	1528	1566
2023/01/15	18:10:00		0.000	1613	1637	1548	1566
2023/01/15	18:12:00		0.000	1615	1637	1522	1550
2023/01/15	18:14:00		0.000	1592	1630	1520	1537
2023/01/15	18:16:00		0.000	1574	1597	1501	1545
2023/01/15	18:18:00		0.000	1553	1582	1499	1527
2023/01/15	18:20:00		0.000	1541	1574	1510	1528
2023/01/15	18:22:00		0.000	1550	1578	1523	1565
2023/01/15	18:24:00		0.000	1560	1587	1565	1592
2023/01/15	18:26:00		0.000	1566	1597	1554	1592
2023/01/15	18:28:00		0.000	1560	1593	1545	1563
2023/01/15	18:30:00		0.000	1550	1583	1515	1547
2023/01/15	18:32:00		0.000	1549	1582	1531	1542
2023/01/15	18:34:00		0.000	1565	1605	1527	1549
2023/01/15	18:36:00		0.000	1576	1626	1549	1588
2023/01/15	18:38:00		0.000	1604	1636	1549	1566
2023/01/15	18:40:00		0.000	1590	1623	1545	1580
2023/01/15	18:42:00		0.000	1576	1609	1535	1545
2023/01/15	18:44:00		0.000	1592	1625	1515	1535
2023/01/15	18:46:00		0.000	1608	1633	1485	1539
2023/01/15	18:48:00		0.000	1615	1637	1539	1566
2023/01/15	18:50:00		0.000	1604	1633	1544	1566
2023/01/15	18:52:00		0.000	1600	1626	1495	1544
2023/01/15	18:54:00		0.000	1599	1621	1520	1570
2023/01/15	18:56:00		0.000	1591	1618	1570	1595
2023/01/15	18:58:00		0.000	1596	1616	1515	1582
2023/01/15	19:00:00		0.000	1596	1619	1515	1580
2023/01/15	19:02:00		0.000	1597	1618	1515	1574
2023/01/15	19:04:00		0.000	1594	1620	1488	1531
2023/01/15	19:06:00		0.000	1597	1622	1501	1558

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		1	1
			SCFM MIN	MAX	Deg. F MIN	MAX		
2023/01/15	19:08:00		0.000	1597	1622	1552	1592	
2023/01/15	19:10:00		0.000	1596	1624	1497	1568	
2023/01/15	19:12:00		0.000	1600	1629	1496	1549	
2023/01/15	19:14:00		0.000	1601	1626	1536	1551	
2023/01/15	19:16:00		0.000	1601	1626	1536	1551	
2023/01/15	19:18:00		0.000	1607	1630	1520	1549	
2023/01/15	19:20:00		0.000	1604	1636	1534	1558	
2023/01/15	19:22:00		0.000	1617	1642	1512	1551	
2023/01/15	19:24:00		0.000	1599	1633	1512	1547	
2023/01/15	19:26:00		0.000	1574	1619	1517	1544	
2023/01/15	19:28:00		0.000	1557	1585	1504	1534	
2023/01/15	19:30:00		0.000	1541	1571	1502	1531	
2023/01/15	19:32:00		0.000	1531	1556	1510	1556	
2023/01/15	19:34:00		0.000	1526	1565	1550	1579	
2023/01/15	19:36:00		0.000	1527	1569	1545	1569	
2023/01/15	19:38:00		0.000	1545	1571	1560	1588	
2023/01/15	19:40:00		0.000	1536	1577	1533	1560	
2023/01/15	19:42:00		0.000	1556	1583	1508	1546	
2023/01/15	19:44:00		0.000	1559	1595	1505	1561	
2023/01/15	19:46:00		0.000	1569	1603	1549	1564	
2023/01/15	19:48:00		0.000	1578	1615	1553	1585	
2023/01/15	19:50:00		0.000	1594	1625	1560	1576	
2023/01/15	19:52:00		0.000	1593	1619	1537	1574	
2023/01/15	19:54:00		0.000	1594	1622	1483	1537	
2023/01/15	19:56:00		0.000	1594	1622	1490	1558	
2023/01/15	19:58:00		0.000	1597	1626	1512	1566	
2023/01/15	20:00:00		0.000	1605	1626	1508	1569	
2023/01/15	20:02:00		0.000	1604	1630	1537	1576	
2023/01/15	20:04:00		0.000	1608	1633	1497	1581	
2023/01/15	20:06:00		0.000	1607	1633	1494	1533	
2023/01/15	20:08:00		0.000	1605	1628	1495	1537	
2023/01/15	20:10:00		0.000	1606	1633	1510	1569	
2023/01/15	20:12:00		0.000	1605	1633	1510	1542	
2023/01/15	20:14:00		0.000	1603	1629	1520	1547	
2023/01/15	20:16:00		0.000	1592	1621	1547	1597	
2023/01/15	20:18:00		0.000	1597	1623	1569	1598	
2023/01/15	20:20:00		0.000	1589	1613	1543	1580	
2023/01/15	20:22:00		0.000	3	1732	1150	1553	
2023/01/15	20:24:00		0.000	3	3	617	1150	
2023/01/15	20:26:00		0.000	3	3	413	617	
2023/01/15	20:28:00		0.000	3	3	306	413	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/15	20:30:00		0.000	3	3	249	306
2023/01/15	20:32:00		0.000	3	3	206	249
2023/01/15	20:34:00		0.000	3	3	172	206
2023/01/15	20:36:00		0.000	3	3	147	172
2023/01/15	20:38:00		0.000	3	3	136	147
2023/01/15	20:40:00		0.000	3	3	127	136
2023/01/15	20:42:00		0.000	3	3	114	127
2023/01/15	20:44:00		0.000	3	3	112	115
2023/01/15	20:46:00		0.000	3	3	106	112
2023/01/15	20:48:00		0.000	3	3	102	106
2023/01/15	20:50:00		0.000	3	3	98	102
2023/01/15	20:52:00		0.000	3	3	95	98
2023/01/15	20:54:00		0.000	3	3	86	95
2023/01/15	20:56:00		0.000	3	3	71	86
2023/01/15	20:58:00		0.000	3	3	67	71
2023/01/15	21:00:00		0.000	3	3	66	67
2023/01/15	21:02:00		0.000	3	3	64	66
2023/01/15	21:04:00		0.000	3	3	63	64
2023/01/15	21:06:00		0.000	3	3	63	64
2023/01/15	21:08:00		0.000	3	3	63	63
2023/01/15	21:10:00		0.000	3	3	62	63
2023/01/15	21:12:00		0.000	3	3	61	62
2023/01/15	21:14:00		0.000	3	3	61	61
2023/01/15	21:16:00		0.000	3	3	61	61
2023/01/15	21:18:00		0.000	3	3	60	61
2023/01/15	21:20:00		0.000	3	3	60	60
2023/01/15	21:22:00		0.000	3	3	59	60
2023/01/15	21:24:00		0.000	3	3	58	60
2023/01/15	21:26:00		0.000	3	3	58	59
2023/01/15	21:28:00		0.000	3	3	58	59
2023/01/15	21:30:00		0.000	3	3	58	59
2023/01/15	21:32:00		0.000	3	3	56	58
2023/01/15	21:34:00		0.000	3	3	56	57
2023/01/15	21:36:00		0.000	3	3	57	57
2023/01/15	21:38:00		0.000	3	3	56	57
2023/01/15	21:40:00		0.000	3	3	55	57
2023/01/15	21:42:00		0.000	3	3	55	57
2023/01/15	21:44:00		0.000	3	3	55	56
2023/01/15	21:46:00		0.000	3	3	55	56
2023/01/15	21:48:00		0.000	3	3	55	56
2023/01/15	21:50:00		0.000	3	3	55	56

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	21:52:00		0.000	3	3	55	55	
2023/01/15	21:54:00		0.000	3	3	55	55	
2023/01/15	21:56:00		0.000	3	3	55	55	
2023/01/15	21:58:00		0.000	3	3	54	55	
2023/01/15	22:00:00		0.000	3	3	54	55	
2023/01/15	22:02:00		0.000	3	3	53	54	
2023/01/15	22:04:00		0.000	3	3	53	54	
2023/01/15	22:06:00		0.000	3	3	54	54	
2023/01/15	22:08:00		0.000	3	3	52	54	
2023/01/15	22:10:00		0.000	3	3	52	52	
2023/01/15	22:12:00		0.000	3	3	52	53	
2023/01/15	22:14:00		0.000	3	3	52	53	
2023/01/15	22:16:00		0.000	3	3	52	52	
2023/01/15	22:18:00		0.000	3	3	52	52	
2023/01/15	22:20:00		0.000	3	3	52	53	
2023/01/15	22:22:00		0.000	3	3	52	52	
2023/01/15	22:24:00		0.000	3	3	52	53	
2023/01/15	22:26:00		0.000	3	3	52	52	
2023/01/15	22:28:00		0.000	3	3	52	52	
2023/01/15	22:30:00		0.000	3	3	52	52	
2023/01/15	22:32:00		0.000	3	3	51	52	
2023/01/15	22:34:00		0.000	3	3	52	52	
2023/01/15	22:36:00		0.000	3	3	52	52	
2023/01/15	22:38:00		0.000	3	3	51	52	
2023/01/15	22:40:00		0.000	3	3	52	52	
2023/01/15	22:42:00		0.000	3	3	51	52	
2023/01/15	22:44:00		0.000	3	3	52	52	
2023/01/15	22:46:00		0.000	3	3	52	52	
2023/01/15	22:48:00		0.000	3	3	52	52	
2023/01/15	22:50:00		0.000	3	3	52	52	
2023/01/15	22:52:00		0.000	3	3	51	52	
2023/01/15	22:54:00		0.000	3	3	51	52	
2023/01/15	22:56:00		0.000	3	3	50	52	
2023/01/15	22:58:00		0.000	3	3	50	51	
2023/01/15	23:00:00		0.000	3	844	51	52	
2023/01/15	23:02:00		0.000	3	3	52	52	
2023/01/15	23:04:00		0.000	3	3	52	53	
2023/01/15	23:06:00		0.000	3	3	52	52	
2023/01/15	23:08:00		0.000	3	3	52	52	
2023/01/15	23:10:00		0.000	3	3	52	52	
2023/01/15	23:12:00		0.000	3	3	51	52	

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-7**

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/15	23:14:00		0.000	3	3	51	52	
2023/01/15	23:16:00		0.000	3	3	50	51	
2023/01/15	23:18:00		0.000	3	3	50	51	
2023/01/15	23:20:00		0.000	3	3	51	51	
2023/01/15	23:22:00		0.000	3	3	51	51	
2023/01/15	23:24:00		0.000	3	3	50	51	
2023/01/15	23:26:00		0.000	3	3	51	52	
2023/01/15	23:28:00		0.000	3	3	50	51	
2023/01/15	23:30:00		0.000	3	3	50	51	
2023/01/15	23:32:00		0.000	3	3	50	50	
2023/01/15	23:34:00		0.000	3	3	50	50	
2023/01/15	23:36:00		0.000	3	3	50	50	
2023/01/15	23:38:00		0.000	3	3	50	50	
2023/01/15	23:40:00		0.000	3	3	50	51	
2023/01/15	23:42:00		0.000	3	3	50	51	
2023/01/15	23:44:00		0.000	3	3	50	51	
2023/01/15	23:46:00		0.000	3	3	50	50	
2023/01/15	23:48:00		0.000	3	3	50	50	
2023/01/15	23:50:00		0.000	3	3	50	50	
2023/01/15	23:52:00		0.000	3	3	50	50	
2023/01/15	23:54:00		0.000	3	3	50	50	
2023/01/15	23:56:00		0.000	3	3	50	50	
2023/01/15	23:58:00		0.000	3	3	50	50	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/16	00:00:00		0.000	3	3	50	50	
2023/01/16	00:02:00		0.000	3	3	50	50	
2023/01/16	00:04:00		0.000	3	3	50	50	
2023/01/16	00:06:00		0.000	3	3	50	50	
2023/01/16	00:08:00		0.000	3	3	50	50	
2023/01/16	00:10:00		0.000	3	3	50	50	
2023/01/16	00:12:00		0.000	3	3	50	51	
2023/01/16	00:14:00		0.000	3	3	50	51	
2023/01/16	00:16:00		0.000	3	3	50	51	
2023/01/16	00:18:00		0.000	3	3	50	51	
2023/01/16	00:20:00		0.000	3	3	50	50	
2023/01/16	00:22:00		0.000	3	3	50	50	
2023/01/16	00:24:00		0.000	3	3	50	50	
2023/01/16	00:26:00		0.000	3	3	50	50	
2023/01/16	00:28:00		0.000	3	3	50	50	
2023/01/16	00:30:00		0.000	3	3	50	50	
2023/01/16	00:32:00		0.000	3	3	50	50	
2023/01/16	00:34:00		0.000	3	3	50	50	
2023/01/16	00:36:00		0.000	3	3	50	50	
2023/01/16	00:38:00		0.000	3	3	50	50	
2023/01/16	00:40:00		0.000	3	3	50	50	
2023/01/16	00:42:00		0.000	3	3	50	50	
2023/01/16	00:44:00		0.000	3	3	50	50	
2023/01/16	00:46:00		0.000	3	3	50	50	
2023/01/16	00:48:00		0.000	3	3	50	50	
2023/01/16	00:50:00		0.000	3	3	50	50	
2023/01/16	00:52:00		0.000	3	3	50	50	
2023/01/16	00:54:00		0.000	3	3	50	50	
2023/01/16	00:56:00		0.000	3	3	50	50	
2023/01/16	00:58:00		0.000	3	3	50	50	
2023/01/16	01:00:00		0.000	3	3	50	50	
2023/01/16	01:02:00		0.000	3	3	50	50	
2023/01/16	01:04:00		0.000	3	3	49	50	
2023/01/16	01:06:00		0.000	3	3	49	50	
2023/01/16	01:08:00		0.000	3	3	49	50	
2023/01/16	01:10:00		0.000	3	3	49	50	
2023/01/16	01:12:00		0.000	3	3	49	50	
2023/01/16	01:14:00		0.000	3	3	49	50	
2023/01/16	01:16:00		0.000	3	3	49	50	
2023/01/16	01:18:00		0.000	3	3	49	50	
2023/01/16	01:20:00		0.000	3	3	49	50	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/16	01:22:00		0.000	3	3	49	50	
2023/01/16	01:24:00		0.000	3	3	49	50	
2023/01/16	01:26:00		0.000	3	3	49	50	
2023/01/16	01:28:00		0.000	3	3	49	50	
2023/01/16	01:30:00		0.000	3	3	49	50	
2023/01/16	01:32:00		0.000	3	3	49	50	
2023/01/16	01:34:00		0.000	3	3	49	50	
2023/01/16	01:36:00		0.000	3	3	49	50	
2023/01/16	01:38:00		0.000	3	3	49	49	
2023/01/16	01:40:00		0.000	3	3	49	49	
2023/01/16	01:42:00		0.000	3	3	49	49	
2023/01/16	01:44:00		0.000	3	3	49	49	
2023/01/16	01:46:00		0.000	3	3	49	49	
2023/01/16	01:48:00		0.000	3	3	49	49	
2023/01/16	01:50:00		0.000	3	3	49	49	
2023/01/16	01:52:00		0.000	3	3	49	49	
2023/01/16	01:54:00		0.000	3	3	49	49	
2023/01/16	01:56:00		0.000	3	3	49	49	
2023/01/16	01:58:00		0.000	3	3	49	49	
2023/01/16	02:00:00		0.000	3	3	49	49	
2023/01/16	02:02:00		0.000	3	3	49	49	
2023/01/16	02:04:00		0.000	3	3	48	49	
2023/01/16	02:06:00		0.000	3	3	48	49	
2023/01/16	02:08:00		0.000	3	3	48	49	
2023/01/16	02:10:00		0.000	3	3	49	49	
2023/01/16	02:12:00		0.000	3	3	48	49	
2023/01/16	02:14:00		0.000	3	3	49	49	
2023/01/16	02:16:00		0.000	3	3	48	49	
2023/01/16	02:18:00		0.000	3	3	49	49	
2023/01/16	02:20:00		0.000	3	3	49	49	
2023/01/16	02:22:00		0.000	3	3	49	49	
2023/01/16	02:24:00		0.000	3	3	48	49	
2023/01/16	02:26:00		0.000	3	3	49	49	
2023/01/16	02:28:00		0.000	3	3	48	49	
2023/01/16	02:30:00		0.000	3	3	48	49	
2023/01/16	02:32:00		0.000	3	3	48	49	
2023/01/16	02:34:00		0.000	3	3	48	49	
2023/01/16	02:36:00		0.000	3	3	48	49	
2023/01/16	02:38:00		0.000	3	3	48	49	
2023/01/16	02:40:00		0.000	3	3	48	49	
2023/01/16	02:42:00		0.000	3	3	48	49	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/16	02:44:00		0.000	3	3	48	49	
2023/01/16	02:46:00		0.000	3	3	48	49	
2023/01/16	02:48:00		0.000	3	3	48	49	
2023/01/16	02:50:00		0.000	3	3	48	48	
2023/01/16	02:52:00		0.000	3	3	48	48	
2023/01/16	02:54:00		0.000	3	3	47	48	
2023/01/16	02:56:00		0.000	3	3	47	48	
2023/01/16	02:58:00		0.000	3	3	47	47	
2023/01/16	03:00:00		0.000	3	3	47	47	
2023/01/16	03:02:00		0.000	3	3	47	47	
2023/01/16	03:04:00		0.000	3	3	47	47	
2023/01/16	03:06:00		0.000	3	3	47	47	
2023/01/16	03:08:00		0.000	3	3	47	47	
2023/01/16	03:10:00		0.000	3	3	47	47	
2023/01/16	03:12:00		0.000	3	3	47	47	
2023/01/16	03:14:00		0.000	3	3	47	47	
2023/01/16	03:16:00		0.000	3	3	47	47	
2023/01/16	03:18:00		0.000	3	3	47	47	
2023/01/16	03:20:00		0.000	3	3	47	47	
2023/01/16	03:22:00		0.000	3	3	47	47	
2023/01/16	03:24:00		0.000	3	3	47	47	
2023/01/16	03:26:00		0.000	3	3	47	47	
2023/01/16	03:28:00		0.000	3	3	47	47	
2023/01/16	03:30:00		0.000	3	3	47	47	
2023/01/16	03:32:00		0.000	3	3	47	47	
2023/01/16	03:34:00		0.000	3	3	47	47	
2023/01/16	03:36:00		0.000	3	3	47	47	
2023/01/16	03:38:00		0.000	3	3	47	48	
2023/01/16	03:40:00		0.000	3	3	47	48	
2023/01/16	03:42:00		0.000	3	3	47	48	
2023/01/16	03:44:00		0.000	3	3	47	48	
2023/01/16	03:46:00		0.000	3	3	47	47	
2023/01/16	03:48:00		0.000	3	3	47	47	
2023/01/16	03:50:00		0.000	3	3	47	48	
2023/01/16	03:52:00		0.000	3	3	47	48	
2023/01/16	03:54:00		0.000	3	3	47	47	
2023/01/16	03:56:00		0.000	3	3	47	47	
2023/01/16	03:58:00		0.000	3	3	47	47	
2023/01/16	04:00:00		0.000	3	3	47	47	
2023/01/16	04:02:00		0.000	3	3	47	47	
2023/01/16	04:04:00		0.000	3	3	47	47	



# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	04:06:00		0.000	3	3	47	48
2023/01/16	04:08:00		0.000	3	3	47	48
2023/01/16	04:10:00		0.000	3	3	47	48
2023/01/16	04:12:00		0.000	3	3	47	48
2023/01/16	04:14:00		0.000	3	3	47	48
2023/01/16	04:16:00		0.000	3	3	47	48
2023/01/16	04:18:00		0.000	3	3	47	48
2023/01/16	04:20:00		0.000	3	3	47	48
2023/01/16	04:22:00		0.000	3	3	47	48
2023/01/16	04:24:00		0.000	3	3	47	48
2023/01/16	04:26:00		0.000	3	3	47	48
2023/01/16	04:28:00		0.000	3	3	47	48
2023/01/16	04:30:00		0.000	3	3	47	48
2023/01/16	04:32:00		0.000	3	3	47	48
2023/01/16	04:34:00		0.000	3	3	47	48
2023/01/16	04:36:00		0.000	3	3	47	48
2023/01/16	04:38:00		0.000	3	3	47	48
2023/01/16	04:40:00		0.000	3	3	47	47
2023/01/16	04:42:00		0.000	3	3	47	47
2023/01/16	04:44:00		0.000	3	3	47	48
2023/01/16	04:46:00		0.000	3	3	47	48
2023/01/16	04:48:00		0.000	3	3	47	47
2023/01/16	04:50:00		0.000	3	3	47	48
2023/01/16	04:52:00		0.000	3	3	47	47
2023/01/16	04:54:00		0.000	3	3	47	47
2023/01/16	04:56:00		0.000	3	3	47	47
2023/01/16	04:58:00		0.000	3	3	47	47
2023/01/16	05:00:00		0.000	3	3	47	47
2023/01/16	05:02:00		0.000	3	3	47	47
2023/01/16	05:04:00		0.000	3	3	47	47
2023/01/16	05:06:00		0.000	3	3	47	47
2023/01/16	05:08:00		0.000	3	3	47	47
2023/01/16	05:10:00		0.000	3	3	47	47
2023/01/16	05:12:00		0.000	3	3	47	47
2023/01/16	05:14:00		0.000	3	3	47	48
2023/01/16	05:16:00		0.000	3	3	47	48
2023/01/16	05:18:00		0.000	3	3	47	48
2023/01/16	05:20:00		0.000	3	3	47	48
2023/01/16	05:22:00		0.000	3	3	47	48
2023/01/16	05:24:00		0.000	3	3	48	48
2023/01/16	05:26:00		0.000	3	3	47	48

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/16	05:28:00		0.000	3	3	47	48	
2023/01/16	05:30:00		0.000	3	3	47	48	
2023/01/16	05:32:00		0.000	3	3	47	48	
2023/01/16	05:34:00		0.000	3	3	47	48	
2023/01/16	05:36:00		0.000	3	3	47	48	
2023/01/16	05:38:00		0.000	3	3	47	48	
2023/01/16	05:40:00		0.000	3	3	47	47	
2023/01/16	05:42:00		0.000	3	3	47	48	
2023/01/16	05:44:00		0.000	3	3	47	47	
2023/01/16	05:46:00		0.000	3	3	47	48	
2023/01/16	05:48:00		0.000	3	3	47	48	
2023/01/16	05:50:00		0.000	3	3	47	48	
2023/01/16	05:52:00		0.000	3	3	47	48	
2023/01/16	05:54:00		0.000	3	3	47	48	
2023/01/16	05:56:00		0.000	3	3	47	48	
2023/01/16	05:58:00		0.000	3	3	47	48	
2023/01/16	06:00:00		0.000	3	3	47	48	
2023/01/16	06:02:00		0.000	3	3	47	48	
2023/01/16	06:04:00		0.000	3	3	48	48	
2023/01/16	06:06:00		0.000	3	3	48	48	
2023/01/16	06:08:00		0.000	3	3	48	48	
2023/01/16	06:10:00		0.000	3	3	48	49	
2023/01/16	06:12:00		0.000	3	3	48	49	
2023/01/16	06:14:00		0.000	3	3	48	49	
2023/01/16	06:16:00		0.000	3	3	48	49	
2023/01/16	06:18:00		0.000	3	3	48	49	
2023/01/16	06:20:00		0.000	3	3	48	49	
2023/01/16	06:22:00		0.000	3	3	48	49	
2023/01/16	06:24:00		0.000	3	3	48	49	
2023/01/16	06:26:00		0.000	3	3	49	49	
2023/01/16	06:28:00		0.000	3	3	49	49	
2023/01/16	06:30:00		0.000	3	3	49	49	
2023/01/16	06:32:00		0.000	3	3	49	50	
2023/01/16	06:34:00		0.000	3	3	49	50	
2023/01/16	06:36:00		0.000	3	3	50	50	
2023/01/16	06:38:00		0.000	3	3	50	50	
2023/01/16	06:40:00		0.000	3	3	50	50	
2023/01/16	06:42:00		0.000	3	3	50	50	
2023/01/16	06:44:00		0.000	3	3	50	50	
2023/01/16	06:46:00		0.000	3	3	50	50	
2023/01/16	06:48:00		0.000	3	3	50	50	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05			
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX		
2023/01/16	06:50:00		0.000	3	3	50	50	
2023/01/16	06:52:00		0.000	3	3	50	50	
2023/01/16	06:54:00		0.000	3	3	50	50	
2023/01/16	06:56:00		0.000	3	3	50	50	
2023/01/16	06:58:00		0.000	3	3	50	50	
2023/01/16	07:00:00		0.000	3	3	50	50	
2023/01/16	07:02:00		0.000	3	3	50	50	
2023/01/16	07:04:00		0.000	3	3	50	50	
2023/01/16	07:06:00		0.000	3	3	50	50	
2023/01/16	07:08:00		0.000	3	3	50	50	
2023/01/16	07:10:00		0.000	3	3	50	50	
2023/01/16	07:12:00		0.000	3	3	50	50	
2023/01/16	07:14:00		0.000	3	3	50	50	
2023/01/16	07:16:00		0.000	3	3	50	50	
2023/01/16	07:18:00		0.000	3	3	50	50	
2023/01/16	07:20:00		0.000	3	3	50	50	
2023/01/16	07:22:00		0.000	3	3	50	50	
2023/01/16	07:24:00		0.000	3	3	50	50	
2023/01/16	07:26:00		0.000	3	3	50	50	
2023/01/16	07:28:00		0.000	3	2423	50	306	
2023/01/16	07:30:00		0.000	2115	2247	306	1820	
2023/01/16	07:32:00		0.000	2085	2125	1504	1683	
2023/01/16	07:34:00		0.000	2091	2116	1521	1618	
2023/01/16	07:36:00		0.000	2097	2122	1532	1597	
2023/01/16	07:38:00		0.000	2082	2113	1498	1562	
2023/01/16	07:40:00		0.000	2085	2113	1535	1585	
2023/01/16	07:42:00		0.000	2089	2120	1467	1535	
2023/01/16	07:44:00		0.000	2085	2115	1481	1594	
2023/01/16	07:46:00		0.000	2085	2109	1486	1558	
2023/01/16	07:48:00		0.000	2081	2107	1516	1587	
2023/01/16	07:50:00		0.000	2071	2100	1541	1583	
2023/01/16	07:52:00		0.000	2078	2101	1554	1616	
2023/01/16	07:54:00		0.000	2076	2102	1539	1591	
2023/01/16	07:56:00		0.000	2074	2097	1591	1655	
2023/01/16	07:58:00		0.000	2071	2102	1536	1649	
2023/01/16	08:00:00		0.000	2082	2105	1502	1566	
2023/01/16	08:02:00		0.000	2084	2107	1512	1566	
2023/01/16	08:04:00		0.000	2074	2102	1511	1537	
2023/01/16	08:06:00		0.000	2067	2090	1504	1542	
2023/01/16	08:08:00		0.000	2067	2107	1502	1529	
2023/01/16	08:10:00		0.000	2049	2105	1529	1577	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	08:12:00		0.000	2049	2073	1515	1578
2023/01/16	08:14:00		0.000	2050	2076	1509	1597
2023/01/16	08:16:00		0.000	2047	2077	1527	1615
2023/01/16	08:18:00		0.000	2055	2082	1524	1568
2023/01/16	08:20:00		0.000	2067	2093	1531	1604
2023/01/16	08:22:00		0.000	2067	2083	1514	1589
2023/01/16	08:24:00		0.000	2060	2096	1494	1531
2023/01/16	08:26:00		0.000	2060	2082	1473	1521
2023/01/16	08:28:00		0.000	2057	2089	1469	1521
2023/01/16	08:30:00		0.000	2058	2091	1513	1597
2023/01/16	08:32:00		0.000	2070	2094	1572	1601
2023/01/16	08:34:00		0.000	2067	2096	1563	1583
2023/01/16	08:36:00		0.000	2066	2089	1522	1567
2023/01/16	08:38:00		0.000	2047	2083	1520	1553
2023/01/16	08:40:00		0.000	2049	2073	1526	1552
2023/01/16	08:42:00		0.000	2049	2074	1514	1547
2023/01/16	08:44:00		0.000	2056	2084	1509	1561
2023/01/16	08:46:00		0.000	2056	2078	1545	1599
2023/01/16	08:48:00		0.000	2015	2074	1515	1545
2023/01/16	08:50:00		0.000	2038	2060	1509	1615
2023/01/16	08:52:00		0.000	2031	2064	1508	1598
2023/01/16	08:54:00		0.000	2005	2038	1485	1533
2023/01/16	08:56:00		0.000	1982	2010	1468	1528
2023/01/16	08:58:00		0.000	1937	1993	1457	1525
2023/01/16	09:00:00		0.000	1876	1946	1525	1606
2023/01/16	09:02:00		0.000	1828	1889	1507	1558
2023/01/16	09:04:00		0.000	1747	1844	1479	1519
2023/01/16	09:06:00		0.000	1616	1748	1429	1515
2023/01/16	09:08:00		0.000	1512	1626	1436	1526
2023/01/16	09:10:00		0.000	1491	1530	1469	1529
2023/01/16	09:12:00		0.000	1520	1608	1466	1617
2023/01/16	09:14:00		0.000	1574	1613	1568	1631
2023/01/16	09:16:00		0.000	1605	1675	1560	1591
2023/01/16	09:18:00		0.000	1643	1714	1548	1598
2023/01/16	09:20:00		0.000	1701	1755	1548	1591
2023/01/16	09:22:00		0.000	1720	1770	1556	1595
2023/01/16	09:24:00		0.000	1756	1855	1535	1593
2023/01/16	09:26:00		0.000	1851	1902	1540	1574
2023/01/16	09:28:00		0.000	1897	1960	1518	1574
2023/01/16	09:30:00		0.000	1951	2065	1515	1580
2023/01/16	09:32:00		0.000	2056	2175	1511	1542

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	09:34:00		0.000	2124	2177	1539	1564
2023/01/16	09:36:00		0.000	2107	2148	1521	1556
2023/01/16	09:38:00		0.000	2121	2187	1556	1625
2023/01/16	09:40:00		0.000	2128	2166	1553	1615
2023/01/16	09:42:00		0.000	2115	2156	1505	1568
2023/01/16	09:44:00		0.000	1998	2124	1419	1509
2023/01/16	09:46:00		0.000	2	2011	1236	1454
2023/01/16	09:48:00		0.000	3	1874	824	1250
2023/01/16	09:50:00		0.000	1765	1833	1250	1724
2023/01/16	09:52:00		0.000	1743	1805	1493	1598
2023/01/16	09:54:00		0.000	1795	1891	1489	1591
2023/01/16	09:56:00		0.000	1879	1931	1382	1618
2023/01/16	09:58:00		0.000	1924	1979	1405	1793
2023/01/16	10:00:00		0.000	1968	2001	1472	1847
2023/01/16	10:02:00		0.000	2	2010	1365	1740
2023/01/16	10:04:00		0.000	2	3	775	1365
2023/01/16	10:06:00		0.000	3	3	530	775
2023/01/16	10:08:00		0.000	3	1918	459	1442
2023/01/16	10:10:00		0.000	1659	1725	1442	1675
2023/01/16	10:12:00		0.000	1677	1729	1472	1668
2023/01/16	10:14:00		0.000	1688	1747	1482	1660
2023/01/16	10:16:00		0.000	1741	1780	1482	1661
2023/01/16	10:18:00		0.000	1754	1805	1527	1653
2023/01/16	10:20:00		0.000	1799	1839	1424	1537
2023/01/16	10:22:00		0.000	1779	1819	1460	1699
2023/01/16	10:24:00		0.000	1768	1792	1570	1623
2023/01/16	10:26:00		0.000	1777	1808	1520	1570
2023/01/16	10:28:00		0.000	1782	1805	1507	1568
2023/01/16	10:30:00		0.000	1778	1800	1531	1586
2023/01/16	10:32:00		0.000	1769	1795	1510	1531
2023/01/16	10:34:00		0.000	1759	1783	1488	1512
2023/01/16	10:36:00		0.000	1752	1773	1510	1548
2023/01/16	10:38:00		0.000	1752	1774	1516	1550
2023/01/16	10:40:00		0.000	1751	1776	1516	1591
2023/01/16	10:42:00		0.000	1760	1780	1520	1575
2023/01/16	10:44:00		0.000	1758	1783	1525	1596
2023/01/16	10:46:00		0.000	1743	1773	1396	1592
2023/01/16	10:48:00		0.000	2	1751	860	1426
2023/01/16	10:50:00		0.000	2	3	572	860
2023/01/16	10:52:00		0.000	2	3	435	572
2023/01/16	10:54:00		0.000	3	3	351	435

# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	10:56:00	0.000		3	3	294	351
2023/01/16	10:58:00	0.000		2	3	254	294
2023/01/16	11:00:00	0.000		3	3	225	254
2023/01/16	11:02:00	0.000		3	3	205	225
2023/01/16	11:04:00	0.000		3	2100	189	427
2023/01/16	11:06:00	0.000		1883	2029	427	1558
2023/01/16	11:08:00	0.000		1775	1890	1330	1868
2023/01/16	11:10:00	0.000		1765	1787	1586	1655
2023/01/16	11:12:00	0.000		1762	1781	1546	1607
2023/01/16	11:14:00	0.000		1750	1777	1506	1574
2023/01/16	11:16:00	0.000		1740	1773	1494	1530
2023/01/16	11:18:00	0.000		1725	1757	1523	1553
2023/01/16	11:20:00	0.000		1728	1745	1513	1549
2023/01/16	11:22:00	0.000		1723	1749	1499	1516
2023/01/16	11:24:00	0.000		1732	1754	1510	1578
2023/01/16	11:26:00	0.000		1736	1757	1561	1599
2023/01/16	11:28:00	0.000		1721	1750	1537	1584
2023/01/16	11:30:00	0.000		1709	1732	1493	1561
2023/01/16	11:32:00	0.000		1703	1722	1493	1546
2023/01/16	11:34:00	0.000		1713	1729	1501	1526
2023/01/16	11:36:00	0.000		1707	1732	1522	1535
2023/01/16	11:38:00	0.000		1718	1736	1504	1553
2023/01/16	11:40:00	0.000		1704	1732	1550	1584
2023/01/16	11:42:00	0.000		1693	1714	1561	1576
2023/01/16	11:44:00	0.000		1690	1709	1524	1575
2023/01/16	11:46:00	0.000		1696	1724	1537	1594
2023/01/16	11:48:00	0.000		1698	1725	1551	1587
2023/01/16	11:50:00	0.000		1705	1732	1514	1566
2023/01/16	11:52:00	0.000		1710	1736	1463	1514
2023/01/16	11:54:00	0.000		1714	1732	1491	1574
2023/01/16	11:56:00	0.000		1710	1732	1488	1558
2023/01/16	11:58:00	0.000		1706	1725	1502	1545
2023/01/16	12:00:00	0.000		1697	1721	1520	1592
2023/01/16	12:02:00	0.000		1693	1715	1533	1586
2023/01/16	12:04:00	0.000		1691	1710	1530	1594
2023/01/16	12:06:00	0.000		1688	1709	1515	1578
2023/01/16	12:08:00	0.000		1696	1716	1519	1543
2023/01/16	12:10:00	0.000		1699	1727	1543	1566
2023/01/16	12:12:00	0.000		1698	1725	1551	1579
2023/01/16	12:14:00	0.000		1686	1710	1535	1580
2023/01/16	12:16:00	0.000		1669	1697	1509	1537

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	12:18:00	0.000		1675	1695	1514	1529
2023/01/16	12:20:00	0.000		1651	1697	1510	1558
2023/01/16	12:22:00	0.000		1648	1677	1517	1553
2023/01/16	12:24:00	0.000		1658	1684	1516	1553
2023/01/16	12:26:00	0.000		1657	1684	1515	1558
2023/01/16	12:28:00	0.000		1659	1684	1530	1558
2023/01/16	12:30:00	0.000		1652	1677	1531	1570
2023/01/16	12:32:00	0.000		1644	1673	1551	1568
2023/01/16	12:34:00	0.000		1644	1669	1515	1575
2023/01/16	12:36:00	0.000		1643	1666	1506	1542
2023/01/16	12:38:00	0.000		1632	1659	1497	1532
2023/01/16	12:40:00	0.000		1630	1650	1485	1542
2023/01/16	12:42:00	0.000		3	1645	829	1485
2023/01/16	12:44:00	0.000		3	3	520	829
2023/01/16	12:46:00	0.000		2	3	361	520
2023/01/16	12:48:00	0.000		3	2044	343	1535
2023/01/16	12:50:00	0.000		1701	1836	1277	1750
2023/01/16	12:52:00	0.000		1674	1703	1646	1748
2023/01/16	12:54:00	0.000		1675	1698	1461	1646
2023/01/16	12:56:00	0.000		1676	1698	1462	1526
2023/01/16	12:58:00	0.000		1676	1697	1508	1553
2023/01/16	13:00:00	0.000		1666	1689	1553	1580
2023/01/16	13:02:00	0.000		1659	1684	1535	1580
2023/01/16	13:04:00	0.000		3	1678	806	1562
2023/01/16	13:06:00	0.000		3	2012	639	875
2023/01/16	13:08:00	0.000		1664	1808	875	992
2023/01/16	13:10:00	0.000		1655	1681	992	1607
2023/01/16	13:12:00	0.000		1661	1681	1490	1699
2023/01/16	13:14:00	0.000		3	1680	1395	1717
2023/01/16	13:16:00	0.000		2	2017	976	1704
2023/01/16	13:18:00	0.000		1715	1986	1002	1785
2023/01/16	13:20:00	0.000		1652	1721	1539	1636
2023/01/16	13:22:00	0.000		1644	1669	1471	1539
2023/01/16	13:24:00	0.000		1646	1674	1473	1518
2023/01/16	13:26:00	0.000		1655	1684	1497	1578
2023/01/16	13:28:00	0.000		1661	1681	1548	1580
2023/01/16	13:30:00	0.000		1652	1675	1537	1576
2023/01/16	13:32:00	0.000		1637	1663	1520	1542
2023/01/16	13:34:00	0.000		1632	1652	1512	1541
2023/01/16	13:36:00	0.000		1627	1653	1494	1523
2023/01/16	13:38:00	0.000		1616	1645	1495	1539

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	13:40:00	0.000		1632	1655	1525	1560
2023/01/16	13:42:00	0.000		1638	1662	1538	1591
2023/01/16	13:44:00	0.000		1647	1668	1545	1586
2023/01/16	13:46:00	0.000		1648	1674	1557	1574
2023/01/16	13:48:00	0.000		1639	1658	1528	1564
2023/01/16	13:50:00	0.000		1622	1649	1541	1564
2023/01/16	13:52:00	0.000		1613	1632	1517	1541
2023/01/16	13:54:00	0.000		1608	1636	1503	1525
2023/01/16	13:56:00	0.000		1614	1644	1497	1523
2023/01/16	13:58:00	0.000		1622	1644	1494	1561
2023/01/16	14:00:00	0.000		1625	1654	1545	1570
2023/01/16	14:02:00	0.000		1615	1644	1545	1562
2023/01/16	14:04:00	0.000		1600	1632	1550	1568
2023/01/16	14:06:00	0.000		1597	1620	1504	1568
2023/01/16	14:08:00	0.000		1609	1637	1518	1547
2023/01/16	14:10:00	0.000		1621	1651	1509	1542
2023/01/16	14:12:00	0.000		1628	1655	1542	1593
2023/01/16	14:14:00	0.000		1628	1650	1563	1584
2023/01/16	14:16:00	0.000		1619	1645	1515	1588
2023/01/16	14:18:00	0.000		1617	1636	1505	1549
2023/01/16	14:20:00	0.000		1615	1633	1516	1547
2023/01/16	14:22:00	0.000		1609	1630	1501	1556
2023/01/16	14:24:00	0.000		1609	1633	1513	1543
2023/01/16	14:26:00	0.000		1597	1624	1487	1547
2023/01/16	14:28:00	0.000		1600	1624	1499	1558
2023/01/16	14:30:00	0.000		1602	1626	1538	1558
2023/01/16	14:32:00	0.000		1605	1625	1536	1559
2023/01/16	14:34:00	0.000		1608	1632	1517	1560
2023/01/16	14:36:00	0.000		1608	1634	1523	1561
2023/01/16	14:38:00	0.000		1614	1638	1537	1578
2023/01/16	14:40:00	0.000		1596	1632	1522	1551
2023/01/16	14:42:00	0.000		1580	1610	1521	1535
2023/01/16	14:44:00	0.000		1582	1603	1535	1554
2023/01/16	14:46:00	0.000		1578	1602	1504	1554
2023/01/16	14:48:00	0.000		1584	1611	1521	1534
2023/01/16	14:50:00	0.000		3	1608	910	1527
2023/01/16	14:52:00	0.000		3	3	568	910
2023/01/16	14:54:00	0.000		2	3	403	568
2023/01/16	14:56:00	0.000		2	3	311	403
2023/01/16	14:58:00	0.000		3	3	258	311
2023/01/16	15:00:00	0.000		2	3	228	258



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/16	15:02:00		0.000	3	3	202	228
2023/01/16	15:04:00		0.000	3	1952	195	1505
2023/01/16	15:06:00		0.000	1692	1788	1505	1825
2023/01/16	15:08:00		0.000	1667	1697	1574	1684
2023/01/16	15:10:00		0.000	1670	1702	1546	1574
2023/01/16	15:12:00		0.000	1648	1681	1473	1551
2023/01/16	15:14:00		0.000	1633	1661	1461	1512
2023/01/16	15:16:00		0.000	1626	1652	1512	1537
2023/01/16	15:18:00		0.000	1628	1649	1504	1550
2023/01/16	15:20:00		0.000	1631	1657	1550	1593
2023/01/16	15:22:00		0.000	1630	1649	1561	1580
2023/01/16	15:24:00		0.000	1633	1655	1546	1597
2023/01/16	15:26:00		0.000	1629	1654	1543	1598
2023/01/16	15:28:00		0.000	1629	1654	1481	1543
2023/01/16	15:30:00		0.000	1626	1646	1477	1508
2023/01/16	15:32:00		0.000	1618	1639	1490	1510
2023/01/16	15:34:00		0.000	1612	1637	1496	1564
2023/01/16	15:36:00		0.000	1605	1632	1561	1590
2023/01/16	15:38:00		0.000	3	1626	1063	1561
2023/01/16	15:40:00		0.000	3	3	807	1223
2023/01/16	15:42:00		0.000	3	1918	947	1044
2023/01/16	15:44:00		0.000	1653	1740	975	1068
2023/01/16	15:46:00		0.000	1613	1659	1068	1464
2023/01/16	15:48:00		0.000	1597	1622	1464	1666
2023/01/16	15:50:00		0.000	1585	1618	1631	1661
2023/01/16	15:52:00		0.000	1596	1621	1452	1631
2023/01/16	15:54:00		0.000	1601	1623	1445	1496
2023/01/16	15:56:00		0.000	1600	1623	1448	1592
2023/01/16	15:58:00		0.000	1593	1619	1592	1650
2023/01/16	16:00:00		0.000	1594	1619	1581	1640
2023/01/16	16:02:00		0.000	1601	1620	1537	1581
2023/01/16	16:04:00		0.000	1597	1619	1530	1542
2023/01/16	16:06:00		0.000	1603	1624	1494	1530
2023/01/16	16:08:00		0.000	1601	1627	1487	1521
2023/01/16	16:10:00		0.000	1598	1625	1417	1545
2023/01/16	16:12:00		0.000	2	1617	1141	1417
2023/01/16	16:14:00		0.000	3	3	910	1141
2023/01/16	16:16:00		0.000	2	3	753	910
2023/01/16	16:18:00		0.000	3	3	640	753
2023/01/16	16:20:00		0.000	3	3	555	640
2023/01/16	16:22:00		0.000	2	3	488	555

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/16	16:24:00		0.000	3	3	433	488
2023/01/16	16:26:00		0.000	3	3	189	433
2023/01/16	16:28:00		0.000	3	1946	180	1407
2023/01/16	16:30:00		0.000	1705	1760	1407	1605
2023/01/16	16:32:00		0.000	1665	1707	1539	1628
2023/01/16	16:34:00		0.000	1623	1674	1394	1539
2023/01/16	16:36:00		0.000	1608	1637	1170	1736
2023/01/16	16:38:00		0.000	2	1613	1136	1830
2023/01/16	16:40:00		0.000	3	3	668	1136
2023/01/16	16:42:00		0.000	3	3	474	668
2023/01/16	16:44:00		0.000	3	3	366	474
2023/01/16	16:46:00		0.000	3	3	297	366
2023/01/16	16:48:00		0.000	3	3	254	297
2023/01/16	16:50:00		0.000	3	3	220	254
2023/01/16	16:52:00		0.000	3	1936	202	1092
2023/01/16	16:54:00		0.000	1694	1784	1092	1593
2023/01/16	16:56:00		0.000	1664	1699	1493	1560
2023/01/16	16:58:00		0.000	1633	1670	1495	1556
2023/01/16	17:00:00		0.000	1608	1641	1454	1506
2023/01/16	17:02:00		0.000	1597	1619	1494	1539
2023/01/16	17:04:00		0.000	1604	1630	1535	1542
2023/01/16	17:06:00		0.000	1597	1622	1539	1550
2023/01/16	17:08:00		0.000	1603	1626	1543	1588
2023/01/16	17:10:00		0.000	1599	1620	1545	1597
2023/01/16	17:12:00		0.000	1588	1609	1516	1605
2023/01/16	17:14:00		0.000	1581	1606	1487	1516
2023/01/16	17:16:00		0.000	1571	1597	1491	1527
2023/01/16	17:18:00		0.000	1563	1586	1516	1543
2023/01/16	17:20:00		0.000	1559	1584	1535	1592
2023/01/16	17:22:00		0.000	1560	1585	1543	1570
2023/01/16	17:24:00		0.000	1562	1591	1513	1568
2023/01/16	17:26:00		0.000	1563	1591	1513	1564
2023/01/16	17:28:00		0.000	1567	1592	1523	1572
2023/01/16	17:30:00		0.000	1570	1592	1566	1586
2023/01/16	17:32:00		0.000	1570	1593	1523	1566
2023/01/16	17:34:00		0.000	1561	1597	1502	1570
2023/01/16	17:36:00		0.000	1570	1593	1492	1533
2023/01/16	17:38:00		0.000	1568	1597	1533	1576
2023/01/16	17:40:00		0.000	1570	1594	1546	1597
2023/01/16	17:42:00		0.000	1567	1586	1518	1551
2023/01/16	17:44:00		0.000	1563	1586	1487	1550

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	17:46:00		0.000	1556	1584	1494	1531
2023/01/16	17:48:00		0.000	1561	1583	1531	1575
2023/01/16	17:50:00		0.000	1556	1581	1540	1577
2023/01/16	17:52:00		0.000	1556	1578	1527	1549
2023/01/16	17:54:00		0.000	1557	1578	1533	1550
2023/01/16	17:56:00		0.000	1556	1578	1528	1560
2023/01/16	17:58:00		0.000	1550	1573	1541	1560
2023/01/16	18:00:00		0.000	1541	1572	1514	1545
2023/01/16	18:02:00		0.000	1547	1572	1512	1558
2023/01/16	18:04:00		0.000	1547	1565	1558	1574
2023/01/16	18:06:00		0.000	1545	1563	1512	1568
2023/01/16	18:08:00		0.000	1542	1566	1494	1528
2023/01/16	18:10:00		0.000	1538	1566	1504	1535
2023/01/16	18:12:00		0.000	1545	1563	1531	1576
2023/01/16	18:14:00		0.000	1536	1561	1539	1584
2023/01/16	18:16:00		0.000	1530	1557	1539	1558
2023/01/16	18:18:00		0.000	1534	1559	1547	1562
2023/01/16	18:20:00		0.000	1537	1561	1526	1560
2023/01/16	18:22:00		0.000	1538	1559	1508	1541
2023/01/16	18:24:00		0.000	1527	1557	1503	1524
2023/01/16	18:26:00		0.000	1530	1553	1521	1575
2023/01/16	18:28:00		0.000	1523	1553	1545	1575
2023/01/16	18:30:00		0.000	1530	1550	1531	1556
2023/01/16	18:32:00		0.000	1527	1556	1531	1573
2023/01/16	18:34:00		0.000	1526	1553	1517	1531
2023/01/16	18:36:00		0.000	1527	1553	1495	1527
2023/01/16	18:38:00		0.000	1522	1551	1508	1549
2023/01/16	18:40:00		0.000	1526	1551	1537	1563
2023/01/16	18:42:00		0.000	1527	1552	1548	1568
2023/01/16	18:44:00		0.000	1527	1556	1551	1560
2023/01/16	18:46:00		0.000	1537	1554	1539	1556
2023/01/16	18:48:00		0.000	1534	1552	1530	1559
2023/01/16	18:50:00		0.000	1529	1555	1550	1561
2023/01/16	18:52:00		0.000	1526	1556	1525	1560
2023/01/16	18:54:00		0.000	1522	1548	1519	1533
2023/01/16	18:56:00		0.000	1530	1549	1512	1521
2023/01/16	18:58:00		0.000	1527	1552	1511	1551
2023/01/16	19:00:00		0.000	1523	1552	1551	1572
2023/01/16	19:02:00		0.000	1521	1549	1559	1588
2023/01/16	19:04:00		0.000	1527	1549	1516	1572
2023/01/16	19:06:00		0.000	1526	1545	1504	1530

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/16	19:08:00		0.000	1520	1552	1521	1539
2023/01/16	19:10:00		0.000	1524	1546	1523	1542
2023/01/16	19:12:00		0.000	1517	1552	1523	1580
2023/01/16	19:14:00		0.000	1531	1561	1561	1607
2023/01/16	19:16:00		0.000	1532	1563	1539	1611
2023/01/16	19:18:00		0.000	1542	1566	1503	1547
2023/01/16	19:20:00		0.000	1541	1567	1489	1528
2023/01/16	19:22:00		0.000	1543	1566	1528	1556
2023/01/16	19:24:00		0.000	1543	1564	1556	1560
2023/01/16	19:26:00		0.000	1540	1561	1551	1568
2023/01/16	19:28:00		0.000	1530	1556	1555	1566
2023/01/16	19:30:00		0.000	1529	1556	1499	1560
2023/01/16	19:32:00		0.000	1526	1550	1479	1532
2023/01/16	19:34:00		0.000	1516	1538	1528	1561
2023/01/16	19:36:00		0.000	1501	1530	1545	1580
2023/01/16	19:38:00		0.000	1504	1530	1518	1550
2023/01/16	19:40:00		0.000	1518	1548	1515	1537
2023/01/16	19:42:00		0.000	1527	1554	1537	1568
2023/01/16	19:44:00		0.000	1537	1565	1558	1570
2023/01/16	19:46:00		0.000	1529	1554	1548	1565
2023/01/16	19:48:00		0.000	1516	1539	1537	1553
2023/01/16	19:50:00		0.000	1503	1528	1499	1547
2023/01/16	19:52:00		0.000	1494	1519	1502	1517
2023/01/16	19:54:00		0.000	1491	1519	1517	1564
2023/01/16	19:56:00		0.000	1502	1532	1527	1565
2023/01/16	19:58:00		0.000	1518	1545	1560	1567
2023/01/16	20:00:00		0.000	1523	1550	1560	1580
2023/01/16	20:02:00		0.000	1514	1549	1536	1578
2023/01/16	20:04:00		0.000	1509	1539	1520	1536
2023/01/16	20:06:00		0.000	1498	1533	1515	1529
2023/01/16	20:08:00		0.000	1505	1539	1507	1538
2023/01/16	20:10:00		0.000	1508	1536	1538	1570
2023/01/16	20:12:00		0.000	1505	1534	1547	1564
2023/01/16	20:14:00		0.000	1508	1536	1542	1565
2023/01/16	20:16:00		0.000	1516	1541	1543	1574
2023/01/16	20:18:00		0.000	1515	1542	1534	1578
2023/01/16	20:20:00		0.000	1519	1543	1518	1534
2023/01/16	20:22:00		0.000	1513	1542	1511	1526
2023/01/16	20:24:00		0.000	1509	1540	1513	1529
2023/01/16	20:26:00		0.000	1514	1546	1518	1550
2023/01/16	20:28:00		0.000	1516	1549	1550	1572

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/16	20:30:00		0.000	1523	1549	1550	1580
2023/01/16	20:32:00		0.000	1521	1552	1549	1583
2023/01/16	20:34:00		0.000	1523	1555	1507	1549
2023/01/16	20:36:00		0.000	1517	1548	1504	1524
2023/01/16	20:38:00		0.000	1514	1545	1524	1556
2023/01/16	20:40:00		0.000	1509	1533	1556	1577
2023/01/16	20:42:00		0.000	1505	1532	1516	1577
2023/01/16	20:44:00		0.000	1499	1531	1516	1533
2023/01/16	20:46:00		0.000	1493	1525	1504	1525
2023/01/16	20:48:00		0.000	1490	1519	1518	1545
2023/01/16	20:50:00		0.000	1498	1526	1523	1586
2023/01/16	20:52:00		0.000	1497	1523	1542	1592
2023/01/16	20:54:00		0.000	1497	1527	1547	1595
2023/01/16	20:56:00		0.000	1503	1531	1510	1572
2023/01/16	20:58:00		0.000	1499	1530	1488	1536
2023/01/16	21:00:00		0.000	1507	1530	1536	1572
2023/01/16	21:02:00		0.000	1505	1535	1548	1583
2023/01/16	21:04:00		0.000	1507	1537	1540	1576
2023/01/16	21:06:00		0.000	1507	1538	1533	1582
2023/01/16	21:08:00		0.000	1506	1540	1561	1583
2023/01/16	21:10:00		0.000	1501	1533	1497	1567
2023/01/16	21:12:00		0.000	1511	1539	1489	1509
2023/01/16	21:14:00		0.000	1515	1539	1509	1523
2023/01/16	21:16:00		0.000	1507	1540	1519	1564
2023/01/16	21:18:00		0.000	1512	1538	1552	1574
2023/01/16	21:20:00		0.000	1507	1537	1561	1578
2023/01/16	21:22:00		0.000	1501	1534	1543	1568
2023/01/16	21:24:00		0.000	1505	1530	1535	1552
2023/01/16	21:26:00		0.000	1501	1532	1531	1557
2023/01/16	21:28:00		0.000	1504	1535	1525	1534
2023/01/16	21:30:00		0.000	1512	1535	1483	1535
2023/01/16	21:32:00		0.000	1507	1533	1495	1551
2023/01/16	21:34:00		0.000	1505	1532	1543	1570
2023/01/16	21:36:00		0.000	1496	1532	1543	1566
2023/01/16	21:38:00		0.000	1494	1523	1526	1570
2023/01/16	21:40:00		0.000	1494	1522	1481	1526
2023/01/16	21:42:00		0.000	1494	1519	1504	1531
2023/01/16	21:44:00		0.000	1496	1524	1523	1562
2023/01/16	21:46:00		0.000	1494	1521	1544	1569
2023/01/16	21:48:00		0.000	1498	1522	1544	1561
2023/01/16	21:50:00		0.000	1494	1519	1540	1559

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	21:52:00		0.000	1484	1513	1536	1560
2023/01/16	21:54:00		0.000	1483	1510	1529	1556
2023/01/16	21:56:00		0.000	1478	1512	1502	1529
2023/01/16	21:58:00		0.000	1483	1508	1495	1539
2023/01/16	22:00:00		0.000	1478	1510	1539	1577
2023/01/16	22:02:00		0.000	1479	1507	1551	1568
2023/01/16	22:04:00		0.000	1473	1516	1529	1569
2023/01/16	22:06:00		0.000	1483	1508	1508	1533
2023/01/16	22:08:00		0.000	1480	1507	1519	1537
2023/01/16	22:10:00		0.000	1475	1501	1537	1566
2023/01/16	22:12:00		0.000	1470	1501	1526	1565
2023/01/16	22:14:00		0.000	1479	1501	1534	1545
2023/01/16	22:16:00		0.000	1469	1501	1534	1558
2023/01/16	22:18:00		0.000	1472	1497	1517	1550
2023/01/16	22:20:00		0.000	1473	1499	1517	1549
2023/01/16	22:22:00		0.000	1472	1499	1522	1551
2023/01/16	22:24:00		0.000	1465	1496	1528	1572
2023/01/16	22:26:00		0.000	1466	1493	1563	1574
2023/01/16	22:28:00		0.000	1460	1490	1525	1563
2023/01/16	22:30:00		0.000	1455	1487	1507	1525
2023/01/16	22:32:00		0.000	1460	1489	1514	1559
2023/01/16	22:34:00		0.000	1459	1492	1543	1550
2023/01/16	22:36:00		0.000	1457	1486	1543	1558
2023/01/16	22:38:00		0.000	1457	1483	1539	1572
2023/01/16	22:40:00		0.000	1449	1486	1532	1543
2023/01/16	22:42:00		0.000	1460	1490	1525	1562
2023/01/16	22:44:00		0.000	1467	1493	1555	1564
2023/01/16	22:46:00		0.000	1468	1494	1514	1556
2023/01/16	22:48:00		0.000	1468	1499	1496	1551
2023/01/16	22:50:00		0.000	1462	1496	1547	1559
2023/01/16	22:52:00		0.000	1472	1497	1535	1548
2023/01/16	22:54:00		0.000	1473	1497	1540	1552
2023/01/16	22:56:00		0.000	1473	1503	1533	1552
2023/01/16	22:58:00		0.000	1464	1501	1512	1547
2023/01/16	23:00:00		0.000	1472	1501	1547	1580
2023/01/16	23:02:00		0.000	1465	1494	1528	1561
2023/01/16	23:04:00		0.000	1460	1493	1528	1562
2023/01/16	23:06:00		0.000	1462	1488	1531	1561
2023/01/16	23:08:00		0.000	1452	1484	1533	1545
2023/01/16	23:10:00		0.000	1439	1476	1509	1539
2023/01/16	23:12:00		0.000	1455	1485	1523	1560

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-7**

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/16	23:14:00		0.000	1461	1492	1539	1553
2023/01/16	23:16:00		0.000	1475	1497	1536	1566
2023/01/16	23:18:00		0.000	1466	1503	1539	1574
2023/01/16	23:20:00		0.000	1464	1491	1512	1573
2023/01/16	23:22:00		0.000	1460	1489	1498	1516
2023/01/16	23:24:00		0.000	1457	1488	1505	1559
2023/01/16	23:26:00		0.000	1452	1479	1545	1572
2023/01/16	23:28:00		0.000	1452	1474	1542	1558
2023/01/16	23:30:00		0.000	1446	1473	1525	1550
2023/01/16	23:32:00		0.000	1446	1476	1510	1526
2023/01/16	23:34:00		0.000	1446	1475	1518	1566
2023/01/16	23:36:00		0.000	1450	1480	1549	1593
2023/01/16	23:38:00		0.000	1453	1484	1506	1549
2023/01/16	23:40:00		0.000	1458	1482	1535	1550
2023/01/16	23:42:00		0.000	1453	1484	1499	1536
2023/01/16	23:44:00		0.000	1452	1483	1526	1601
2023/01/16	23:46:00		0.000	1463	1489	1564	1601
2023/01/16	23:48:00		0.000	1458	1491	1557	1577
2023/01/16	23:50:00		0.000	1457	1496	1545	1564
2023/01/16	23:52:00		0.000	1464	1501	1512	1547
2023/01/16	23:54:00		0.000	1470	1500	1501	1550
2023/01/16	23:56:00		0.000	1465	1505	1550	1565
2023/01/16	23:58:00		0.000	1475	1503	1544	1564

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	00:00:00		0.000	1470	1497	1546	1564
2023/01/17	00:02:00		0.000	1468	1490	1537	1546
2023/01/17	00:04:00		0.000	1461	1484	1490	1540
2023/01/17	00:06:00		0.000	1453	1485	1482	1527
2023/01/17	00:08:00		0.000	1451	1477	1520	1531
2023/01/17	00:10:00		0.000	1445	1470	1523	1559
2023/01/17	00:12:00		0.000	1440	1468	1559	1581
2023/01/17	00:14:00		0.000	1431	1474	1560	1588
2023/01/17	00:16:00		0.000	1435	1480	1537	1560
2023/01/17	00:18:00		0.000	1451	1489	1551	1572
2023/01/17	00:20:00		0.000	1453	1490	1510	1574
2023/01/17	00:22:00		0.000	1462	1493	1508	1545
2023/01/17	00:24:00		0.000	1466	1500	1545	1564
2023/01/17	00:26:00		0.000	1473	1501	1524	1561
2023/01/17	00:28:00		0.000	1453	1492	1531	1543
2023/01/17	00:30:00		0.000	1449	1482	1510	1531
2023/01/17	00:32:00		0.000	1430	1469	1495	1529
2023/01/17	00:34:00		0.000	1434	1465	1528	1551
2023/01/17	00:36:00		0.000	1438	1483	1551	1571
2023/01/17	00:38:00		0.000	1460	1494	1569	1595
2023/01/17	00:40:00		0.000	1475	1508	1529	1569
2023/01/17	00:42:00		0.000	1463	1503	1541	1572
2023/01/17	00:44:00		0.000	1461	1490	1507	1558
2023/01/17	00:46:00		0.000	1450	1481	1508	1541
2023/01/17	00:48:00		0.000	1441	1479	1497	1541
2023/01/17	00:50:00		0.000	1447	1475	1495	1531
2023/01/17	00:52:00		0.000	1446	1481	1531	1545
2023/01/17	00:54:00		0.000	1460	1483	1537	1589
2023/01/17	00:56:00		0.000	1458	1495	1570	1589
2023/01/17	00:58:00		0.000	1473	1499	1525	1570
2023/01/17	01:00:00		0.000	1471	1504	1535	1572
2023/01/17	01:02:00		0.000	1458	1496	1564	1582
2023/01/17	01:04:00		0.000	1462	1490	1461	1564
2023/01/17	01:06:00		0.000	1441	1488	1461	1566
2023/01/17	01:08:00		0.000	1445	1479	1558	1577
2023/01/17	01:10:00		0.000	1439	1474	1536	1558
2023/01/17	01:12:00		0.000	1441	1474	1528	1539
2023/01/17	01:14:00		0.000	1434	1462	1497	1534
2023/01/17	01:16:00		0.000	1429	1460	1496	1523
2023/01/17	01:18:00		0.000	1431	1468	1514	1529
2023/01/17	01:20:00		0.000	1441	1469	1520	1585



# Ox Mountain Landfill

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### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	01:22:00		0.000	1450	1472	1558	1592
2023/01/17	01:24:00		0.000	1435	1473	1535	1558
2023/01/17	01:26:00		0.000	1451	1483	1531	1561
2023/01/17	01:28:00		0.000	1453	1476	1539	1556
2023/01/17	01:30:00		0.000	1454	1484	1530	1551
2023/01/17	01:32:00		0.000	1452	1483	1537	1551
2023/01/17	01:34:00		0.000	1456	1484	1548	1560
2023/01/17	01:36:00		0.000	1452	1488	1551	1564
2023/01/17	01:38:00		0.000	1460	1485	1546	1565
2023/01/17	01:40:00		0.000	1462	1490	1500	1546
2023/01/17	01:42:00		0.000	1446	1485	1491	1511
2023/01/17	01:44:00		0.000	1452	1483	1511	1520
2023/01/17	01:46:00		0.000	1457	1493	1512	1567
2023/01/17	01:48:00		0.000	1460	1486	1545	1567
2023/01/17	01:50:00		0.000	1457	1479	1553	1568
2023/01/17	01:52:00		0.000	1453	1479	1556	1566
2023/01/17	01:54:00		0.000	1453	1478	1533	1563
2023/01/17	01:56:00		0.000	1446	1479	1512	1547
2023/01/17	01:58:00		0.000	1452	1475	1510	1523
2023/01/17	02:00:00		0.000	1439	1477	1516	1555
2023/01/17	02:02:00		0.000	1433	1471	1529	1569
2023/01/17	02:04:00		0.000	1448	1473	1520	1556
2023/01/17	02:06:00		0.000	1437	1475	1510	1557
2023/01/17	02:08:00		0.000	1439	1475	1510	1550
2023/01/17	02:10:00		0.000	1439	1472	1550	1572
2023/01/17	02:12:00		0.000	1445	1475	1536	1571
2023/01/17	02:14:00		0.000	1440	1475	1542	1561
2023/01/17	02:16:00		0.000	1439	1465	1515	1560
2023/01/17	02:18:00		0.000	1428	1467	1515	1550
2023/01/17	02:20:00		0.000	1431	1468	1531	1551
2023/01/17	02:22:00		0.000	1439	1462	1535	1545
2023/01/17	02:24:00		0.000	1434	1465	1545	1566
2023/01/17	02:26:00		0.000	1433	1463	1544	1564
2023/01/17	02:28:00		0.000	1427	1461	1537	1544
2023/01/17	02:30:00		0.000	1432	1463	1531	1539
2023/01/17	02:32:00		0.000	1435	1464	1525	1539
2023/01/17	02:34:00		0.000	1428	1462	1496	1539
2023/01/17	02:36:00		0.000	1425	1458	1507	1561
2023/01/17	02:38:00		0.000	1425	1453	1550	1568
2023/01/17	02:40:00		0.000	1419	1459	1551	1570
2023/01/17	02:42:00		0.000	1428	1458	1543	1558

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	02:44:00		0.000	1425	1458	1525	1544
2023/01/17	02:46:00		0.000	1426	1457	1526	1550
2023/01/17	02:48:00		0.000	1415	1451	1510	1546
2023/01/17	02:50:00		0.000	1421	1458	1510	1535
2023/01/17	02:52:00		0.000	1424	1453	1523	1542
2023/01/17	02:54:00		0.000	1406	1452	1542	1568
2023/01/17	02:56:00		0.000	1423	1452	1554	1569
2023/01/17	02:58:00		0.000	1419	1450	1540	1562
2023/01/17	03:00:00		0.000	1424	1457	1537	1560
2023/01/17	03:02:00		0.000	1424	1457	1512	1553
2023/01/17	03:04:00		0.000	1424	1457	1520	1569
2023/01/17	03:06:00		0.000	1420	1462	1550	1574
2023/01/17	03:08:00		0.000	1429	1463	1535	1576
2023/01/17	03:10:00		0.000	1432	1469	1519	1535
2023/01/17	03:12:00		0.000	1439	1469	1518	1550
2023/01/17	03:14:00		0.000	1437	1477	1524	1550
2023/01/17	03:16:00		0.000	1442	1480	1533	1576
2023/01/17	03:18:00		0.000	1441	1480	1555	1574
2023/01/17	03:20:00		0.000	1449	1486	1553	1556
2023/01/17	03:22:00		0.000	1448	1481	1539	1554
2023/01/17	03:24:00		0.000	1452	1477	1522	1539
2023/01/17	03:26:00		0.000	1445	1477	1523	1542
2023/01/17	03:28:00		0.000	1441	1473	1520	1536
2023/01/17	03:30:00		0.000	1438	1468	1523	1531
2023/01/17	03:32:00		0.000	1433	1468	1528	1543
2023/01/17	03:34:00		0.000	1436	1465	1533	1548
2023/01/17	03:36:00		0.000	1428	1461	1535	1563
2023/01/17	03:38:00		0.000	1435	1464	1561	1577
2023/01/17	03:40:00		0.000	1431	1462	1547	1566
2023/01/17	03:42:00		0.000	1432	1462	1508	1547
2023/01/17	03:44:00		0.000	1426	1462	1514	1524
2023/01/17	03:46:00		0.000	1432	1468	1523	1544
2023/01/17	03:48:00		0.000	1434	1460	1544	1562
2023/01/17	03:50:00		0.000	1436	1463	1561	1568
2023/01/17	03:52:00		0.000	1432	1463	1540	1572
2023/01/17	03:54:00		0.000	1428	1461	1516	1542
2023/01/17	03:56:00		0.000	1428	1465	1510	1528
2023/01/17	03:58:00		0.000	1428	1462	1528	1539
2023/01/17	04:00:00		0.000	1428	1458	1529	1554
2023/01/17	04:02:00		0.000	1412	1457	1525	1547
2023/01/17	04:04:00		0.000	1428	1460	1533	1552

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	04:06:00		0.000	1425	1451	1542	1552
2023/01/17	04:08:00		0.000	1417	1458	1537	1547
2023/01/17	04:10:00		0.000	1419	1452	1537	1545
2023/01/17	04:12:00		0.000	1411	1449	1526	1537
2023/01/17	04:14:00		0.000	1415	1453	1536	1551
2023/01/17	04:16:00		0.000	1416	1450	1546	1564
2023/01/17	04:18:00		0.000	1417	1449	1551	1564
2023/01/17	04:20:00		0.000	1415	1448	1540	1552
2023/01/17	04:22:00		0.000	1417	1446	1546	1564
2023/01/17	04:24:00		0.000	1415	1449	1531	1560
2023/01/17	04:26:00		0.000	1422	1447	1520	1531
2023/01/17	04:28:00		0.000	1417	1458	1520	1535
2023/01/17	04:30:00		0.000	1416	1453	1532	1541
2023/01/17	04:32:00		0.000	1417	1451	1533	1548
2023/01/17	04:34:00		0.000	1416	1446	1528	1556
2023/01/17	04:36:00		0.000	1411	1441	1555	1570
2023/01/17	04:38:00		0.000	1409	1445	1547	1571
2023/01/17	04:40:00		0.000	1415	1445	1522	1549
2023/01/17	04:42:00		0.000	1412	1449	1545	1551
2023/01/17	04:44:00		0.000	1416	1453	1546	1558
2023/01/17	04:46:00		0.000	1421	1450	1523	1546
2023/01/17	04:48:00		0.000	1421	1457	1507	1537
2023/01/17	04:50:00		0.000	1416	1453	1511	1521
2023/01/17	04:52:00		0.000	1420	1453	1520	1572
2023/01/17	04:54:00		0.000	1428	1457	1563	1569
2023/01/17	04:56:00		0.000	1426	1462	1558	1570
2023/01/17	04:58:00		0.000	1425	1462	1553	1564
2023/01/17	05:00:00		0.000	1421	1460	1530	1554
2023/01/17	05:02:00		0.000	1430	1463	1524	1547
2023/01/17	05:04:00		0.000	1435	1465	1523	1548
2023/01/17	05:06:00		0.000	1417	1457	1524	1541
2023/01/17	05:08:00		0.000	1420	1458	1532	1543
2023/01/17	05:10:00		0.000	1421	1442	1530	1540
2023/01/17	05:12:00		0.000	1411	1440	1516	1533
2023/01/17	05:14:00		0.000	1400	1438	1527	1562
2023/01/17	05:16:00		0.000	1394	1436	1538	1562
2023/01/17	05:18:00		0.000	1408	1442	1542	1548
2023/01/17	05:20:00		0.000	1410	1445	1547	1588
2023/01/17	05:22:00		0.000	1413	1442	1516	1584
2023/01/17	05:24:00		0.000	1414	1449	1502	1518
2023/01/17	05:26:00		0.000	1415	1450	1515	1545

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	05:28:00		0.000	1417	1451	1528	1555
2023/01/17	05:30:00		0.000	1420	1457	1542	1556
2023/01/17	05:32:00		0.000	1425	1452	1542	1564
2023/01/17	05:34:00		0.000	1424	1452	1557	1566
2023/01/17	05:36:00		0.000	1441	1535	1557	1594
2023/01/17	05:38:00		0.000	1524	1559	1578	1595
2023/01/17	05:40:00		0.000	1541	1566	1545	1583
2023/01/17	05:42:00		0.000	1547	1570	1545	1578
2023/01/17	05:44:00		0.000	1548	1574	1539	1589
2023/01/17	05:46:00		0.000	1546	1574	1537	1558
2023/01/17	05:48:00		0.000	1553	1574	1537	1549
2023/01/17	05:50:00		0.000	1556	1582	1496	1541
2023/01/17	05:52:00		0.000	1556	1581	1494	1510
2023/01/17	05:54:00		0.000	1561	1584	1510	1569
2023/01/17	05:56:00		0.000	1562	1585	1518	1580
2023/01/17	05:58:00		0.000	1565	1588	1510	1558
2023/01/17	06:00:00		0.000	1561	1589	1540	1577
2023/01/17	06:02:00		0.000	1561	1586	1516	1583
2023/01/17	06:04:00		0.000	1552	1585	1514	1539
2023/01/17	06:06:00		0.000	1554	1582	1527	1543
2023/01/17	06:08:00		0.000	1546	1572	1497	1543
2023/01/17	06:10:00		0.000	1543	1569	1498	1547
2023/01/17	06:12:00		0.000	1538	1567	1529	1545
2023/01/17	06:14:00		0.000	1536	1565	1527	1539
2023/01/17	06:16:00		0.000	1543	1574	1524	1545
2023/01/17	06:18:00		0.000	1554	1585	1534	1574
2023/01/17	06:20:00		0.000	1566	1596	1568	1591
2023/01/17	06:22:00		0.000	1563	1594	1568	1585
2023/01/17	06:24:00		0.000	1563	1586	1544	1583
2023/01/17	06:26:00		0.000	1545	1574	1525	1561
2023/01/17	06:28:00		0.000	1542	1567	1462	1525
2023/01/17	06:30:00		0.000	1540	1574	1478	1580
2023/01/17	06:32:00		0.000	1547	1578	1563	1584
2023/01/17	06:34:00		0.000	1551	1585	1512	1573
2023/01/17	06:36:00		0.000	1561	1587	1487	1537
2023/01/17	06:38:00		0.000	1564	1591	1537	1570
2023/01/17	06:40:00		0.000	1566	1586	1553	1564
2023/01/17	06:42:00		0.000	1560	1578	1549	1579
2023/01/17	06:44:00		0.000	1556	1578	1544	1552
2023/01/17	06:46:00		0.000	1545	1575	1521	1545
2023/01/17	06:48:00		0.000	1547	1570	1531	1541

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	06:50:00		0.000	1540	1563	1489	1535
2023/01/17	06:52:00		0.000	1536	1560	1501	1545
2023/01/17	06:54:00		0.000	1544	1572	1539	1560
2023/01/17	06:56:00		0.000	1556	1579	1537	1571
2023/01/17	06:58:00		0.000	1561	1588	1552	1566
2023/01/17	07:00:00		0.000	1560	1589	1545	1578
2023/01/17	07:02:00		0.000	1555	1578	1532	1545
2023/01/17	07:04:00		0.000	1549	1578	1527	1547
2023/01/17	07:06:00		0.000	1541	1571	1528	1542
2023/01/17	07:08:00		0.000	1539	1567	1521	1537
2023/01/17	07:10:00		0.000	1539	1559	1477	1539
2023/01/17	07:12:00		0.000	1532	1556	1539	1570
2023/01/17	07:14:00		0.000	1529	1552	1556	1561
2023/01/17	07:16:00		0.000	1529	1556	1547	1560
2023/01/17	07:18:00		0.000	1535	1564	1553	1568
2023/01/17	07:20:00		0.000	1546	1572	1539	1571
2023/01/17	07:22:00		0.000	1552	1578	1532	1569
2023/01/17	07:24:00		0.000	1553	1578	1532	1561
2023/01/17	07:26:00		0.000	1556	1584	1536	1579
2023/01/17	07:28:00		0.000	1554	1577	1532	1585
2023/01/17	07:30:00		0.000	1550	1574	1528	1554
2023/01/17	07:32:00		0.000	1534	1567	1503	1548
2023/01/17	07:34:00		0.000	1540	1566	1464	1535
2023/01/17	07:36:00		0.000	1538	1556	1456	1551
2023/01/17	07:38:00		0.000	1529	1555	1551	1567
2023/01/17	07:40:00		0.000	1528	1550	1556	1570
2023/01/17	07:42:00		0.000	1522	1552	1549	1569
2023/01/17	07:44:00		0.000	1529	1557	1528	1549
2023/01/17	07:46:00		0.000	1533	1555	1536	1542
2023/01/17	07:48:00		0.000	1536	1561	1539	1549
2023/01/17	07:50:00		0.000	1536	1561	1527	1548
2023/01/17	07:52:00		0.000	1542	1563	1548	1570
2023/01/17	07:54:00		0.000	1532	1567	1547	1555
2023/01/17	07:56:00		0.000	1541	1565	1521	1552
2023/01/17	07:58:00		0.000	1537	1567	1510	1537
2023/01/17	08:00:00		0.000	1543	1566	1512	1530
2023/01/17	08:02:00		0.000	1542	1570	1529	1539
2023/01/17	08:04:00		0.000	1544	1572	1526	1569
2023/01/17	08:06:00		0.000	1550	1571	1556	1593
2023/01/17	08:08:00		0.000	1545	1570	1549	1585
2023/01/17	08:10:00		0.000	1538	1566	1497	1580

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	08:12:00		0.000	1529	1563	1495	1547
2023/01/17	08:14:00		0.000	1535	1552	1483	1543
2023/01/17	08:16:00		0.000	1523	1553	1512	1545
2023/01/17	08:18:00		0.000	1518	1552	1542	1560
2023/01/17	08:20:00		0.000	1519	1552	1560	1585
2023/01/17	08:22:00		0.000	1522	1552	1518	1570
2023/01/17	08:24:00		0.000	1532	1557	1528	1553
2023/01/17	08:26:00		0.000	1531	1558	1538	1580
2023/01/17	08:28:00		0.000	1529	1556	1547	1577
2023/01/17	08:30:00		0.000	1531	1563	1519	1547
2023/01/17	08:32:00		0.000	1534	1563	1531	1549
2023/01/17	08:34:00		0.000	1534	1564	1537	1554
2023/01/17	08:36:00		0.000	1543	1567	1526	1550
2023/01/17	08:38:00		0.000	1549	1573	1526	1568
2023/01/17	08:40:00		0.000	1548	1573	1520	1567
2023/01/17	08:42:00		0.000	1551	1576	1518	1531
2023/01/17	08:44:00		0.000	1550	1580	1521	1541
2023/01/17	08:46:00		0.000	1556	1578	1541	1566
2023/01/17	08:48:00		0.000	1549	1576	1543	1556
2023/01/17	08:50:00		0.000	1547	1578	1529	1547
2023/01/17	08:52:00		0.000	1543	1574	1514	1537
2023/01/17	08:54:00		0.000	1543	1570	1514	1548
2023/01/17	08:56:00		0.000	1530	1563	1528	1547
2023/01/17	08:58:00		0.000	1534	1561	1519	1561
2023/01/17	09:00:00		0.000	1530	1556	1561	1580
2023/01/17	09:02:00		0.000	1534	1557	1550	1580
2023/01/17	09:04:00		0.000	1527	1556	1550	1564
2023/01/17	09:06:00		0.000	1535	1561	1532	1556
2023/01/17	09:08:00		0.000	1530	1563	1517	1537
2023/01/17	09:10:00		0.000	1530	1561	1521	1534
2023/01/17	09:12:00		0.000	1539	1570	1517	1544
2023/01/17	09:14:00		0.000	1535	1570	1544	1554
2023/01/17	09:16:00		0.000	1547	1572	1542	1558
2023/01/17	09:18:00		0.000	1550	1573	1556	1565
2023/01/17	09:20:00		0.000	1548	1576	1539	1564
2023/01/17	09:22:00		0.000	1550	1579	1517	1539
2023/01/17	09:24:00		0.000	1552	1578	1525	1551
2023/01/17	09:26:00		0.000	1559	1583	1551	1569
2023/01/17	09:28:00		0.000	1560	1587	1549	1566
2023/01/17	09:30:00		0.000	1556	1582	1534	1567
2023/01/17	09:32:00		0.000	1545	1585	1525	1535

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	09:34:00	0.000	0.000	1556	1590	1518	1536
2023/01/17	09:36:00	0.000	0.000	1565	1591	1520	1555
2023/01/17	09:38:00	0.000	0.000	1559	1593	1515	1542
2023/01/17	09:40:00	0.000	0.000	1564	1591	1529	1556
2023/01/17	09:42:00	0.000	0.000	1560	1593	1555	1588
2023/01/17	09:44:00	0.000	0.000	1550	1583	1533	1589
2023/01/17	09:46:00	0.000	0.000	1553	1581	1512	1537
2023/01/17	09:48:00	0.000	0.000	1549	1574	1507	1520
2023/01/17	09:50:00	0.000	0.000	1539	1567	1506	1536
2023/01/17	09:52:00	0.000	0.000	1525	1564	1512	1552
2023/01/17	09:54:00	0.000	0.000	1530	1563	1511	1523
2023/01/17	09:56:00	0.000	0.000	1538	1560	1515	1570
2023/01/17	09:58:00	0.000	0.000	1545	1569	1549	1563
2023/01/17	10:00:00	0.000	0.000	1557	1575	1535	1559
2023/01/17	10:02:00	0.000	0.000	1563	1584	1553	1578
2023/01/17	10:04:00	0.000	0.000	1545	1582	1550	1576
2023/01/17	10:06:00	0.000	0.000	1531	1570	1529	1556
2023/01/17	10:08:00	0.000	0.000	1529	1556	1504	1529
2023/01/17	10:10:00	0.000	0.000	1520	1555	1502	1514
2023/01/17	10:12:00	0.000	0.000	1501	1550	1509	1554
2023/01/17	10:14:00	0.000	0.000	1504	1531	1540	1570
2023/01/17	10:16:00	0.000	0.000	1510	1545	1564	1570
2023/01/17	10:18:00	0.000	0.000	1520	1545	1528	1572
2023/01/17	10:20:00	0.000	0.000	1518	1557	1521	1530
2023/01/17	10:22:00	0.000	0.000	1512	1545	1522	1543
2023/01/17	10:24:00	0.000	0.000	1493	1525	1515	1537
2023/01/17	10:26:00	0.000	0.000	1492	1530	1516	1528
2023/01/17	10:28:00	0.000	0.000	1508	1531	1520	1553
2023/01/17	10:30:00	0.000	0.000	1517	1542	1548	1584
2023/01/17	10:32:00	0.000	0.000	1524	1551	1559	1586
2023/01/17	10:34:00	0.000	0.000	1529	1552	1556	1584
2023/01/17	10:36:00	0.000	0.000	1530	1553	1531	1578
2023/01/17	10:38:00	0.000	0.000	1527	1552	1523	1558
2023/01/17	10:40:00	0.000	0.000	1523	1552	1502	1523
2023/01/17	10:42:00	0.000	0.000	1525	1550	1502	1547
2023/01/17	10:44:00	0.000	0.000	1524	1548	1518	1547
2023/01/17	10:46:00	0.000	0.000	1521	1547	1536	1574
2023/01/17	10:48:00	0.000	0.000	1519	1547	1543	1574
2023/01/17	10:50:00	0.000	0.000	1523	1549	1534	1550
2023/01/17	10:52:00	0.000	0.000	1525	1545	1528	1549
2023/01/17	10:54:00	0.000	0.000	1519	1543	1525	1547

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	10:56:00		0.000	1512	1541	1531	1550
2023/01/17	10:58:00		0.000	1514	1543	1530	1556
2023/01/17	11:00:00		0.000	1512	1545	1524	1557
2023/01/17	11:02:00		0.000	1516	1545	1517	1549
2023/01/17	11:04:00		0.000	1515	1540	1517	1539
2023/01/17	11:06:00		0.000	1518	1541	1539	1563
2023/01/17	11:08:00		0.000	1518	1538	1555	1573
2023/01/17	11:10:00		0.000	1510	1539	1541	1575
2023/01/17	11:12:00		0.000	1508	1534	1531	1545
2023/01/17	11:14:00		0.000	1507	1534	1511	1538
2023/01/17	11:16:00		0.000	1508	1536	1516	1540
2023/01/17	11:18:00		0.000	1507	1536	1513	1534
2023/01/17	11:20:00		0.000	1501	1536	1534	1574
2023/01/17	11:22:00		0.000	1516	1545	1556	1566
2023/01/17	11:24:00		0.000	1527	1549	1545	1566
2023/01/17	11:26:00		0.000	1530	1554	1542	1568
2023/01/17	11:28:00		0.000	1538	1560	1531	1542
2023/01/17	11:30:00		0.000	1536	1563	1537	1567
2023/01/17	11:32:00		0.000	1541	1571	1540	1566
2023/01/17	11:34:00		0.000	1549	1574	1539	1552
2023/01/17	11:36:00		0.000	1536	1570	1539	1566
2023/01/17	11:38:00		0.000	1538	1561	1499	1539
2023/01/17	11:40:00		0.000	1523	1558	1499	1518
2023/01/17	11:42:00		0.000	1527	1555	1499	1550
2023/01/17	11:44:00		0.000	1532	1555	1542	1553
2023/01/17	11:46:00		0.000	1536	1561	1551	1572
2023/01/17	11:48:00		0.000	1539	1568	1562	1572
2023/01/17	11:50:00		0.000	1549	1576	1558	1580
2023/01/17	11:52:00		0.000	1560	1589	1561	1594
2023/01/17	11:54:00		0.000	1559	1583	1492	1561
2023/01/17	11:56:00		0.000	1556	1582	1485	1510
2023/01/17	11:58:00		0.000	1549	1576	1495	1550
2023/01/17	12:00:00		0.000	1549	1570	1546	1558
2023/01/17	12:02:00		0.000	1545	1565	1558	1577
2023/01/17	12:04:00		0.000	1539	1561	1513	1560
2023/01/17	12:06:00		0.000	1539	1560	1510	1545
2023/01/17	12:08:00		0.000	1536	1573	1542	1564
2023/01/17	12:10:00		0.000	1541	1571	1535	1550
2023/01/17	12:12:00		0.000	1547	1575	1537	1554
2023/01/17	12:14:00		0.000	1552	1581	1525	1550
2023/01/17	12:16:00		0.000	1557	1585	1543	1557



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		1	1
			SCFM MIN	MAX	Deg. F MIN	MAX		
2023/01/17	12:18:00		0.000	1566	1593	1556	1565	
2023/01/17	12:20:00		0.000	1564	1593	1546	1563	
2023/01/17	12:22:00		0.000	1546	1578	1537	1547	
2023/01/17	12:24:00		0.000	1548	1572	1504	1542	
2023/01/17	12:26:00		0.000	1548	1578	1497	1528	
2023/01/17	12:28:00		0.000	1562	1596	1528	1544	
2023/01/17	12:30:00		0.000	1572	1599	1541	1561	
2023/01/17	12:32:00		0.000	1570	1600	1548	1585	
2023/01/17	12:34:00		0.000	1566	1599	1553	1585	
2023/01/17	12:36:00		0.000	1561	1589	1546	1560	
2023/01/17	12:38:00		0.000	1561	1585	1523	1560	
2023/01/17	12:40:00		0.000	1559	1584	1505	1525	
2023/01/17	12:42:00		0.000	1557	1576	1510	1528	
2023/01/17	12:44:00		0.000	1552	1580	1515	1578	
2023/01/17	12:46:00		0.000	1552	1576	1558	1577	
2023/01/17	12:48:00		0.000	1548	1579	1531	1558	
2023/01/17	12:50:00		0.000	1561	1584	1533	1556	
2023/01/17	12:52:00		0.000	1572	1596	1555	1569	
2023/01/17	12:54:00		0.000	1574	1601	1567	1589	
2023/01/17	12:56:00		0.000	1579	1599	1504	1572	
2023/01/17	12:58:00		0.000	1570	1604	1503	1518	
2023/01/17	13:00:00		0.000	1574	1599	1517	1550	
2023/01/17	13:02:00		0.000	1567	1596	1512	1541	
2023/01/17	13:04:00		0.000	1569	1591	1526	1549	
2023/01/17	13:06:00		0.000	1563	1589	1522	1554	
2023/01/17	13:08:00		0.000	1561	1601	1531	1563	
2023/01/17	13:10:00		0.000	1599	1669	1563	1617	
2023/01/17	13:12:00		0.000	1667	1734	1588	1621	
2023/01/17	13:14:00		0.000	1728	1769	1561	1602	
2023/01/17	13:16:00		0.000	1749	1766	1553	1583	
2023/01/17	13:18:00		0.000	1741	1764	1526	1570	
2023/01/17	13:20:00		0.000	1740	1762	1527	1541	
2023/01/17	13:22:00		0.000	1737	1759	1533	1546	
2023/01/17	13:24:00		0.000	1745	1765	1529	1555	
2023/01/17	13:26:00		0.000	1750	1776	1543	1554	
2023/01/17	13:28:00		0.000	1752	1777	1547	1558	
2023/01/17	13:30:00		0.000	1756	1778	1523	1557	
2023/01/17	13:32:00		0.000	1756	1774	1520	1534	
2023/01/17	13:34:00		0.000	1729	1769	1524	1536	
2023/01/17	13:36:00		0.000	1710	1742	1499	1524	
2023/01/17	13:38:00		0.000	1700	1736	1497	1537	

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	13:40:00		0.000	1684	1712	1533	1553
2023/01/17	13:42:00		0.000	1634	1690	1499	1533
2023/01/17	13:44:00		0.000	1589	1645	1482	1514
2023/01/17	13:46:00		0.000	1503	1592	1491	1506
2023/01/17	13:48:00		0.000	1457	1515	1482	1495
2023/01/17	13:50:00		0.000	1438	1473	1483	1508
2023/01/17	13:52:00		0.000	1435	1468	1507	1526
2023/01/17	13:54:00		0.000	1449	1486	1523	1558
2023/01/17	13:56:00		0.000	1457	1491	1558	1606
2023/01/17	13:58:00		0.000	1471	1499	1571	1589
2023/01/17	14:00:00		0.000	1468	1503	1531	1576
2023/01/17	14:02:00		0.000	1460	1497	1523	1534
2023/01/17	14:04:00		0.000	1460	1490	1518	1537
2023/01/17	14:06:00		0.000	1442	1486	1510	1526
2023/01/17	14:08:00		0.000	1445	1473	1502	1546
2023/01/17	14:10:00		0.000	1437	1468	1527	1547
2023/01/17	14:12:00		0.000	1436	1463	1543	1549
2023/01/17	14:14:00		0.000	1428	1464	1520	1543
2023/01/17	14:16:00		0.000	1435	1465	1526	1555
2023/01/17	14:18:00		0.000	1444	1474	1542	1561
2023/01/17	14:20:00		0.000	1438	1485	1546	1579
2023/01/17	14:22:00		0.000	1456	1480	1553	1579
2023/01/17	14:24:00		0.000	1446	1476	1521	1554
2023/01/17	14:26:00		0.000	1439	1472	1517	1531
2023/01/17	14:28:00		0.000	1435	1464	1506	1523
2023/01/17	14:30:00		0.000	1427	1464	1512	1554
2023/01/17	14:32:00		0.000	1428	1460	1550	1560
2023/01/17	14:34:00		0.000	1419	1449	1520	1551
2023/01/17	14:36:00		0.000	1417	1451	1524	1547
2023/01/17	14:38:00		0.000	1421	1457	1533	1554
2023/01/17	14:40:00		0.000	1438	1471	1529	1573
2023/01/17	14:42:00		0.000	1449	1482	1564	1582
2023/01/17	14:44:00		0.000	1451	1479	1557	1587
2023/01/17	14:46:00		0.000	1435	1471	1539	1557
2023/01/17	14:48:00		0.000	1425	1465	1527	1542
2023/01/17	14:50:00		0.000	1425	1460	1515	1529
2023/01/17	14:52:00		0.000	1417	1453	1505	1530
2023/01/17	14:54:00		0.000	1405	1432	1505	1528
2023/01/17	14:56:00		0.000	1383	1429	1520	1529
2023/01/17	14:58:00		0.000	1387	1414	1523	1540
2023/01/17	15:00:00		0.000	1381	1418	1527	1548

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	15:02:00		0.000	1392	1420	1548	1557
2023/01/17	15:04:00		0.000	1392	1431	1550	1570
2023/01/17	15:06:00		0.000	1400	1426	1566	1577
2023/01/17	15:08:00		0.000	1393	1428	1541	1569
2023/01/17	15:10:00		0.000	1399	1427	1532	1556
2023/01/17	15:12:00		0.000	1400	1427	1534	1558
2023/01/17	15:14:00		0.000	1404	1436	1542	1559
2023/01/17	15:16:00		0.000	1406	1435	1522	1547
2023/01/17	15:18:00		0.000	1404	1437	1528	1548
2023/01/17	15:20:00		0.000	1402	1433	1530	1545
2023/01/17	15:22:00		0.000	1400	1438	1537	1542
2023/01/17	15:24:00		0.000	1406	1433	1534	1562
2023/01/17	15:26:00		0.000	1396	1430	1523	1558
2023/01/17	15:28:00		0.000	1379	1413	1505	1523
2023/01/17	15:30:00		0.000	1372	1405	1512	1528
2023/01/17	15:32:00		0.000	1369	1407	1528	1553
2023/01/17	15:34:00		0.000	1373	1413	1535	1556
2023/01/17	15:36:00		0.000	1380	1418	1555	1572
2023/01/17	15:38:00		0.000	1379	1419	1557	1576
2023/01/17	15:40:00		0.000	1379	1413	1520	1576
2023/01/17	15:42:00		0.000	1391	1486	1508	1613
2023/01/17	15:44:00		0.000	1474	1499	1598	1615
2023/01/17	15:46:00		0.000	1477	1512	1574	1599
2023/01/17	15:48:00		0.000	1485	1516	1558	1575
2023/01/17	15:50:00		0.000	1493	1519	1551	1564
2023/01/17	15:52:00		0.000	1492	1521	1542	1562
2023/01/17	15:54:00		0.000	1493	1523	1518	1550
2023/01/17	15:56:00		0.000	1497	1521	1520	1533
2023/01/17	15:58:00		0.000	1499	1523	1514	1549
2023/01/17	16:00:00		0.000	1498	1531	1543	1551
2023/01/17	16:02:00		0.000	1505	1530	1541	1553
2023/01/17	16:04:00		0.000	1512	1538	1546	1556
2023/01/17	16:06:00		0.000	1510	1534	1555	1567
2023/01/17	16:08:00		0.000	1512	1537	1553	1566
2023/01/17	16:10:00		0.000	1512	1539	1526	1553
2023/01/17	16:12:00		0.000	1510	1532	1511	1526
2023/01/17	16:14:00		0.000	1501	1525	1505	1537
2023/01/17	16:16:00		0.000	1496	1517	1507	1537
2023/01/17	16:18:00		0.000	1488	1512	1509	1575
2023/01/17	16:20:00		0.000	1488	1514	1546	1580
2023/01/17	16:22:00		0.000	1493	1519	1543	1551

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	16:24:00		0.000	1499	1523	1513	1553
2023/01/17	16:26:00		0.000	1501	1529	1531	1547
2023/01/17	16:28:00		0.000	1505	1538	1517	1531
2023/01/17	16:30:00		0.000	1509	1538	1528	1577
2023/01/17	16:32:00		0.000	1503	1531	1551	1580
2023/01/17	16:34:00		0.000	1491	1519	1513	1551
2023/01/17	16:36:00		0.000	1472	1507	1506	1520
2023/01/17	16:38:00		0.000	1480	1515	1520	1547
2023/01/17	16:40:00		0.000	1501	1536	1527	1550
2023/01/17	16:42:00		0.000	1512	1532	1525	1581
2023/01/17	16:44:00		0.000	1512	1532	1572	1589
2023/01/17	16:46:00		0.000	1503	1524	1553	1572
2023/01/17	16:48:00		0.000	1501	1522	1520	1564
2023/01/17	16:50:00		0.000	1492	1527	1484	1520
2023/01/17	16:52:00		0.000	1484	1521	1498	1537
2023/01/17	16:54:00		0.000	1482	1516	1537	1550
2023/01/17	16:56:00		0.000	1482	1516	1545	1556
2023/01/17	16:58:00		0.000	1481	1507	1524	1545
2023/01/17	17:00:00		0.000	1473	1504	1520	1530
2023/01/17	17:02:00		0.000	1482	1512	1529	1590
2023/01/17	17:04:00		0.000	1490	1517	1558	1595
2023/01/17	17:06:00		0.000	1499	1523	1556	1583
2023/01/17	17:08:00		0.000	1493	1523	1552	1584
2023/01/17	17:10:00		0.000	1477	1508	1526	1558
2023/01/17	17:12:00		0.000	1468	1499	1472	1526
2023/01/17	17:14:00		0.000	1464	1490	1472	1499
2023/01/17	17:16:00		0.000	1471	1505	1485	1582
2023/01/17	17:18:00		0.000	1488	1510	1502	1605
2023/01/17	17:20:00		0.000	1494	1521	1471	1619
2023/01/17	17:22:00		0.000	1491	1517	1570	1625
2023/01/17	17:24:00		0.000	1484	1512	1545	1585
2023/01/17	17:26:00		0.000	1479	1504	1519	1550
2023/01/17	17:28:00		0.000	1465	1498	1500	1519
2023/01/17	17:30:00		0.000	1463	1488	1499	1539
2023/01/17	17:32:00		0.000	1457	1493	1525	1537
2023/01/17	17:34:00		0.000	1475	1496	1514	1547
2023/01/17	17:36:00		0.000	1474	1507	1547	1564
2023/01/17	17:38:00		0.000	1475	1505	1550	1572
2023/01/17	17:40:00		0.000	1480	1509	1572	1589
2023/01/17	17:42:00		0.000	1487	1514	1493	1585
2023/01/17	17:44:00		0.000	1490	1522	1475	1556

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	17:46:00		0.000	1488	1510	1556	1593
2023/01/17	17:48:00		0.000	1476	1510	1539	1574
2023/01/17	17:50:00		0.000	1475	1502	1531	1539
2023/01/17	17:52:00		0.000	1475	1500	1535	1553
2023/01/17	17:54:00		0.000	1469	1500	1537	1549
2023/01/17	17:56:00		0.000	1465	1490	1531	1537
2023/01/17	17:58:00		0.000	1457	1488	1513	1542
2023/01/17	18:00:00		0.000	1472	1500	1514	1561
2023/01/17	18:02:00		0.000	1482	1512	1561	1585
2023/01/17	18:04:00		0.000	1492	1519	1510	1562
2023/01/17	18:06:00		0.000	1493	1525	1512	1538
2023/01/17	18:08:00		0.000	1491	1519	1512	1534
2023/01/17	18:10:00		0.000	1483	1509	1534	1584
2023/01/17	18:12:00		0.000	1480	1501	1533	1584
2023/01/17	18:14:00		0.000	1471	1505	1486	1539
2023/01/17	18:16:00		0.000	1471	1505	1477	1567
2023/01/17	18:18:00		0.000	1465	1494	1563	1574
2023/01/17	18:20:00		0.000	1463	1491	1542	1573
2023/01/17	18:22:00		0.000	1465	1492	1528	1542
2023/01/17	18:24:00		0.000	1472	1499	1528	1537
2023/01/17	18:26:00		0.000	1477	1502	1537	1578
2023/01/17	18:28:00		0.000	1487	1514	1525	1564
2023/01/17	18:30:00		0.000	1488	1515	1508	1545
2023/01/17	18:32:00		0.000	1484	1515	1545	1574
2023/01/17	18:34:00		0.000	1480	1507	1527	1548
2023/01/17	18:36:00		0.000	1475	1506	1533	1566
2023/01/17	18:38:00		0.000	1470	1506	1545	1558
2023/01/17	18:40:00		0.000	1468	1498	1531	1545
2023/01/17	18:42:00		0.000	1464	1496	1522	1531
2023/01/17	18:44:00		0.000	1460	1490	1510	1525
2023/01/17	18:46:00		0.000	1458	1490	1510	1564
2023/01/17	18:48:00		0.000	1465	1495	1550	1560
2023/01/17	18:50:00		0.000	1462	1494	1550	1574
2023/01/17	18:52:00		0.000	1470	1494	1500	1553
2023/01/17	18:54:00		0.000	1468	1494	1503	1534
2023/01/17	18:56:00		0.000	1472	1499	1534	1551
2023/01/17	18:58:00		0.000	1474	1501	1541	1558
2023/01/17	19:00:00		0.000	1470	1505	1539	1569
2023/01/17	19:02:00		0.000	1478	1507	1517	1545
2023/01/17	19:04:00		0.000	1482	1510	1523	1545
2023/01/17	19:06:00		0.000	1486	1510	1526	1575

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	19:08:00		0.000	1486	1508	1575	1593
2023/01/17	19:10:00		0.000	1479	1507	1534	1578
2023/01/17	19:12:00		0.000	1465	1503	1537	1547
2023/01/17	19:14:00		0.000	1470	1499	1525	1542
2023/01/17	19:16:00		0.000	1465	1495	1514	1531
2023/01/17	19:18:00		0.000	1465	1494	1516	1553
2023/01/17	19:20:00		0.000	1457	1482	1541	1553
2023/01/17	19:22:00		0.000	1453	1480	1537	1556
2023/01/17	19:24:00		0.000	1454	1484	1539	1560
2023/01/17	19:26:00		0.000	1455	1490	1530	1562
2023/01/17	19:28:00		0.000	1464	1493	1541	1565
2023/01/17	19:30:00		0.000	1471	1499	1541	1561
2023/01/17	19:32:00		0.000	1475	1501	1534	1553
2023/01/17	19:34:00		0.000	1483	1512	1534	1549
2023/01/17	19:36:00		0.000	1477	1503	1524	1542
2023/01/17	19:38:00		0.000	1472	1499	1528	1545
2023/01/17	19:40:00		0.000	1468	1497	1531	1548
2023/01/17	19:42:00		0.000	1462	1490	1525	1541
2023/01/17	19:44:00		0.000	1458	1489	1510	1556
2023/01/17	19:46:00		0.000	1460	1490	1546	1559
2023/01/17	19:48:00		0.000	1460	1479	1534	1556
2023/01/17	19:50:00		0.000	1453	1483	1551	1558
2023/01/17	19:52:00		0.000	1464	1502	1556	1580
2023/01/17	19:54:00		0.000	1478	1507	1544	1582
2023/01/17	19:56:00		0.000	1485	1514	1531	1558
2023/01/17	19:58:00		0.000	1478	1501	1487	1531
2023/01/17	20:00:00		0.000	1472	1494	1502	1556
2023/01/17	20:02:00		0.000	1461	1486	1527	1554
2023/01/17	20:04:00		0.000	1453	1480	1510	1527
2023/01/17	20:06:00		0.000	1402	1469	1520	1542
2023/01/17	20:08:00		0.000	1397	1433	1515	1536
2023/01/17	20:10:00		0.000	1401	1428	1524	1537
2023/01/17	20:12:00		0.000	1395	1428	1531	1539
2023/01/17	20:14:00		0.000	1397	1429	1535	1550
2023/01/17	20:16:00		0.000	1388	1417	1537	1550
2023/01/17	20:18:00		0.000	1372	1416	1545	1558
2023/01/17	20:20:00		0.000	1369	1404	1537	1549
2023/01/17	20:22:00		0.000	1361	1401	1502	1542
2023/01/17	20:24:00		0.000	1359	1394	1496	1523
2023/01/17	20:26:00		0.000	1356	1396	1519	1536
2023/01/17	20:28:00		0.000	1358	1402	1531	1537

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	20:30:00		0.000	1369	1404	1535	1557
2023/01/17	20:32:00		0.000	1372	1411	1543	1570
2023/01/17	20:34:00		0.000	1386	1419	1570	1578
2023/01/17	20:36:00		0.000	1387	1424	1572	1581
2023/01/17	20:38:00		0.000	1388	1421	1547	1572
2023/01/17	20:40:00		0.000	1375	1414	1537	1547
2023/01/17	20:42:00		0.000	1383	1414	1528	1547
2023/01/17	20:44:00		0.000	1385	1421	1523	1542
2023/01/17	20:46:00		0.000	1394	1424	1534	1546
2023/01/17	20:48:00		0.000	1389	1420	1543	1553
2023/01/17	20:50:00		0.000	1385	1417	1539	1554
2023/01/17	20:52:00		0.000	1383	1426	1546	1556
2023/01/17	20:54:00		0.000	1371	1409	1542	1559
2023/01/17	20:56:00		0.000	1383	1417	1528	1547
2023/01/17	20:58:00		0.000	1389	1421	1538	1549
2023/01/17	21:00:00		0.000	1384	1420	1541	1564
2023/01/17	21:02:00		0.000	1388	1419	1540	1564
2023/01/17	21:04:00		0.000	1372	1417	1510	1544
2023/01/17	21:06:00		0.000	1376	1412	1511	1526
2023/01/17	21:08:00		0.000	1361	1404	1506	1516
2023/01/17	21:10:00		0.000	1359	1399	1509	1528
2023/01/17	21:12:00		0.000	1337	1384	1523	1545
2023/01/17	21:14:00		0.000	1328	1378	1523	1539
2023/01/17	21:16:00		0.000	1344	1382	1528	1539
2023/01/17	21:18:00		0.000	1357	1391	1538	1555
2023/01/17	21:20:00		0.000	1350	1388	1555	1569
2023/01/17	21:22:00		0.000	1350	1394	1545	1563
2023/01/17	21:24:00		0.000	1339	1386	1539	1556
2023/01/17	21:26:00		0.000	1334	1380	1520	1548
2023/01/17	21:28:00		0.000	1343	1380	1517	1538
2023/01/17	21:30:00		0.000	1307	1371	1520	1537
2023/01/17	21:32:00		0.000	1316	1357	1514	1527
2023/01/17	21:34:00		0.000	1323	1358	1515	1543
2023/01/17	21:36:00		0.000	1325	1367	1542	1551
2023/01/17	21:38:00		0.000	1341	1377	1542	1560
2023/01/17	21:40:00		0.000	1351	1387	1558	1576
2023/01/17	21:42:00		0.000	1349	1391	1562	1574
2023/01/17	21:44:00		0.000	1352	1391	1549	1564
2023/01/17	21:46:00		0.000	1345	1384	1548	1556
2023/01/17	21:48:00		0.000	1336	1380	1510	1548
2023/01/17	21:50:00		0.000	1330	1372	1485	1512

# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM	1	Deg. F	1	
			MIN	MAX	MIN	MAX	
2023/01/17	21:52:00		0.000	1282	1365	1512	1529
2023/01/17	21:54:00		0.000	1314	1359	1504	1515
2023/01/17	21:56:00		0.000	1314	1392	1512	1569
2023/01/17	21:58:00		0.000	1354	1388	1569	1582
2023/01/17	22:00:00		0.000	1346	1382	1560	1580
2023/01/17	22:02:00		0.000	1349	1377	1556	1563
2023/01/17	22:04:00		0.000	1335	1384	1543	1558
2023/01/17	22:06:00		0.000	1330	1376	1526	1556
2023/01/17	22:08:00		0.000	1330	1380	1509	1526
2023/01/17	22:10:00		0.000	1327	1381	1512	1539
2023/01/17	22:12:00		0.000	1337	1376	1525	1539
2023/01/17	22:14:00		0.000	1334	1372	1526	1542
2023/01/17	22:16:00		0.000	1338	1375	1540	1558
2023/01/17	22:18:00		0.000	1334	1372	1553	1559
2023/01/17	22:20:00		0.000	1334	1374	1550	1560
2023/01/17	22:22:00		0.000	1331	1370	1543	1556
2023/01/17	22:24:00		0.000	1328	1365	1540	1549
2023/01/17	22:26:00		0.000	1317	1364	1531	1544
2023/01/17	22:28:00		0.000	1331	1365	1512	1545
2023/01/17	22:30:00		0.000	1323	1365	1535	1554
2023/01/17	22:32:00		0.000	1323	1363	1526	1535
2023/01/17	22:34:00		0.000	1317	1365	1516	1533
2023/01/17	22:36:00		0.000	1328	1361	1530	1539
2023/01/17	22:38:00		0.000	1320	1365	1525	1557
2023/01/17	22:40:00		0.000	1316	1361	1542	1560
2023/01/17	22:42:00		0.000	1302	1363	1528	1546
2023/01/17	22:44:00		0.000	1323	1360	1539	1558
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2023/01/17	22:48:00		0.000	1306	1359	1518	1539
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2023/01/17	22:56:00		0.000	1310	1350	1534	1541
2023/01/17	22:58:00		0.000	1320	1354	1533	1543
2023/01/17	23:00:00		0.000	1305	1354	1530	1552
2023/01/17	23:02:00		0.000	1291	1355	1531	1553
2023/01/17	23:04:00		0.000	1316	1375	1535	1563
2023/01/17	23:06:00		0.000	1335	1379	1563	1582
2023/01/17	23:08:00		0.000	1311	1368	1543	1586
2023/01/17	23:10:00		0.000	1299	1349	1514	1543
2023/01/17	23:12:00		0.000	1310	1355	1508	1527



# Ox Mountain Landfill

## Half-Moon Bay, CA

### A-7

Date	Time	Ch. Tag Unit sec	CH02		CH05		
			SCFM MIN	1 MAX	Deg. F MIN	1 MAX	
2023/01/17	23:14:00	0.000	0.000	1324	1363	1509	1558
2023/01/17	23:16:00	0.000	0.000	1334	1372	1558	1570
2023/01/17	23:18:00	0.000	0.000	1335	1380	1564	1589
2023/01/17	23:20:00	0.000	0.000	1317	1365	1539	1566
2023/01/17	23:22:00	0.000	0.000	1325	1371	1513	1545
2023/01/17	23:24:00	0.000	0.000	1321	1365	1515	1532
2023/01/17	23:26:00	0.000	0.000	1316	1358	1523	1530
2023/01/17	23:28:00	0.000	0.000	1310	1349	1522	1539
2023/01/17	23:30:00	0.000	0.000	1275	1367	1523	1537
2023/01/17	23:32:00	0.000	0.000	1348	1386	1530	1580
2023/01/17	23:34:00	0.000	0.000	1333	1378	1563	1580
2023/01/17	23:36:00	0.000	0.000	1322	1376	1554	1569
2023/01/17	23:38:00	0.000	0.000	1334	1378	1547	1566
2023/01/17	23:40:00	0.000	0.000	1339	1376	1542	1558
2023/01/17	23:42:00	0.000	0.000	1327	1371	1515	1542
2023/01/17	23:44:00	0.000	0.000	1317	1368	1501	1518
2023/01/17	23:46:00	0.000	0.000	1335	1370	1501	1534
2023/01/17	23:48:00	0.000	0.000	1325	1373	1534	1556
2023/01/17	23:50:00	0.000	0.000	1317	1372	1520	1539
2023/01/17	23:52:00	0.000	0.000	1327	1361	1520	1540
2023/01/17	23:54:00	0.000	0.000	1326	1363	1537	1555
2023/01/17	23:56:00	0.000	0.000	1307	1360	1541	1556
2023/01/17	23:58:00	0.000	0.000	1318	1365	1536	1545

Attachment C  
Weekly Flare Inspection Form from January 12, 2023

**A-7: Ox Mountain Landfill Weekly Flare Inspection**

Technician : Lusi Naivalurua			Date 2023-01-12			
Inlet Sample	CH <sub>4</sub> : 53.4	CO <sub>2</sub> : 34.6	O <sub>2</sub> : 0.6	BAL: 11.4	Inlet Vac: -26.15	Temp: 64.3
Flare Temp: 1533			SCFM: 2111 Totalizer # 116.81			
			<b>READINGS</b>		<b>COMMENTS</b>	
<b>Flare Station Operations</b>						
Sky Conditions/Ambient Temperature			clear/57			
Verify proper operation & data recording			Yes			
Verify Flash memory card recording			Yes			
Date flash memory card last changed			2022-12-30			
Louver Position %			1 % closed			
Louvers Functioning Properly?			Yes			
Verify Panel lights functioning			Yes			
Chatterbox O.K./Dial Tone present			Yes			
Yokogawa Time Correct?			Yes			
Yokogawa DST Enabled?			Yes			
Thermocouple # 1(Bottom) Working?			Yes	Temp: 1548		
Thermocouple # 2(Middle) Working?			Yes	Temp: 1275		
Thermocouple # 3(Top) Working?			Yes	Temp: 1612		
Check for full spare propane tank			Yes - 58			
Any Visible Emissions from Flare Stack?			No			
Inlet Fail Safe Valve Last Time Operated / Checked			Yes	Date:		
Check Flow Meter			Yes	Date: RECORDING Yes		
Fire Extinguisher charged and Inspection Card O.K.?			No			
Flare Stack CO Sample						
<b>Flame Arrestor</b>						
Liquids drained from Flame Arrestor/Drain Port Cleaned			Yes/Yes			
Flame Arrestor Inlet Pressure – Outlet Pressure – DP <5"			7.03 - 5.47	DP -1.56		
<b>Blower</b>						
Blower Outlet Pressure/Blower Inlet Vac 301 Operating: Yes 302 Operating: No			7.03 / -27.67			
Blower hour meter functioning 301			Yes	Hours: 5125		
Blower hour meter functioning 302			Yes	Hours: 7229		
Current Blower Amps			301: 42 302: 0			
Non-Running Blower Rotated			Yes	Switched blowers		
Check Drains and Liquids Drained Properly			301: Yes	Date:		
			302: Yes			
Bearing Temp			301 Inlet: 60 301 Outlet: 73.5	302 Inlet: 302 Outlet:		
<b>Knock Out Pot</b>						
Inspect Tank and Site Glass			Yes			
Pump Working			Yes			
Inspect Piping and Valves for Leaks/Damage			Yes			
Vac IN – OUT – DP			IN: – OUT: -27.67 – DP: -26.15			
<b>Flare Station Integrity</b>						
Foundation Condition			Yes			
Piping, valves, electrical in sound condition			Yes			
<b>Compressor</b>						
Lower Compressor 1 No Hours: 0 run 0 load 0 PSI						
Lower Compressor 2 Yes Hours: 20161 run 29240 load 102 PSI						
Comments: Power Plant is down for 5 hours. Restarted compressor 1.						

Attachment D  
Highway 92 Closure Notifications



CHP Redwood City

@CHP\_RedwoodCity · Follow



No ETO is available yet on how long SR-92 westbound will be closed from upper SR-35 to Pilarcitos Creek Road but here are some daytime pictures of the sinkhole. Plan your trip and leave early enough so you are not rushing to your destination. Drive safe!



1:25 PM · Jan 12, 2023



146



Reply



Share

Read 10 replies



Open in the NBC Bay Area app

February 24, 2023

Mr. Raymond Salalila  
Air Quality Specialist  
Compliance and Enforcement Division  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Ox Mountain Sanitary Landfill, Half Moon Bay, California – Facility Number A2266  
Request for Limited Exemption (for Construction Activities) from Regulation 8, Rule 34 (Solid Waste Disposal Sites)  
Section 117 (117.1 through 117.6) (Limited Exemption, Gas Collection System Components)  
Section 118 (Limited Exemption, Construction Activities)

Dear Mr. Salalila:

On behalf of Browning-Ferris Industries of California, Inc. (BFIC), Tetra Tech is submitting this letter to request a limited exemption from the requirements of the Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34 (8-34) during the Phase 23 overliner construction and gas collection and control system (GCCS) improvement activities at the Ox Mountain Sanitary Landfill (Ox Mountain). This notification is being submitted pursuant to 8-34, Section 118, “Limited Exemptions for Construction Activities.”

BAAQMD Reg 8-34-117 provides for the limited exemption from 8-34-301.1, 301.2, and 305 when new wells are being connected to the gas GCCS. Specifically, it says: “*The requirements of Sections 8-34-301.1, 301.2, and 305 shall not apply to individual landfill gas collection system components that must be temporarily shut down in order to repair the components, to connect new landfill gas collection system components to the existing system...*”

Similarly, 8-34-118 provides for a limited exemption from 8-34-305 from “*The requirements of Sections 8-34-303 shall not apply to the working face of the landfill or to areas of the landfill surface where the landfill cover material has been removed and refuse has been exposed for the express purpose of installing, expanding, replacing, or repairing components of the landfill gas, leachate, or gas condensate collection and removal systems...*” Since 8-34-117 and 118 allow for the limited exemptions from 8-34-301.1, 301.2 and 305, we are seeking exemption from these Sections (8-34-117 and 8-34-118).

Ox Mountain will be constructing and installing a section of overliner on the northwestern slope of the landfill in the area shown on the attached figure. Operations will require adjustments to the GCCS including decommissioning and abandoning three vertical LFG extraction wells, remoting of three vertical LFG extraction wells, and temporarily taking one vertical LFG extraction well offline. One additional vertical LFG extraction well which was previously decommissioned in August 2022 will also be abandoned. Two horizontal collectors will be installed and will be connected to the GCCS during a separate construction event. The remoted wells will be completed prior to commencement of construction. The offline well in the area will be raised and reconnected to

Mr. Raymond Salalila  
February 24, 2023

the GCCS after the overliner placement is complete. No more than five LFG extraction wells are anticipated to be taken offline at any one time, and offline times will be limited as much as possible. Any major changes to this Construction Plan will be submitted to the BAAQMD in an amendment to this submittal.

This letter also includes the BAAQMD-required Construction Plan for the proposed work. The Plan contains information required pursuant to 8-34-118.1 and includes:

- Description of actions being taken;
- Description of landfill areas affected;
- Description of LFG components affected;
- Ox Mountain 2023 Phase XXIII GCCS Overliner Design maps showing the above area and affected components;
- Reason(S) Requiring The Action;
- Construction schedule; and
- Description of air quality mitigation measures planned.

No significant interruption of the current site LFG extraction and control operations is anticipated due to the work. The construction crew will mobilize to the site and begin work on or around March 6, 2023. BFIC personnel and/or other subcontractor personnel will observe and record construction activities on behalf of BFIC. Construction activities are anticipated to conclude by May 5, 2023. The offline and online dates and times for the vertical wells and horizontal collector will be recorded, pursuant to requirements in 8-34-117.6 and 8-34-118.9. This is outlined in the attached Construction Plan.

Unless notified otherwise, BFIC will proceed in accordance with the attached Construction Plan and deems approval of this submittal by the BAAQMD as consent to take necessary action to ensure compliance with regulations, which may include taking additional wells offline for an extended period of time pursuant to Regulation 8, Rule 34, Section 118.

If you have any questions, please do not hesitate to contact Kendra Kent at (520) 526-7270. Thank you for your consideration.

Sincerely,

**TETRA TECH**



Nat Israel  
Compliance Specialist



Kendra Kent  
Senior Compliance Specialist

Enclosure: BAAQMD Regulation 8, Rule 34, Section 118 Construction Plan

cc: Kelly McDonnell, BFIC  
Travis Armstrong, BFIC  
Sami Ayass, Tetra Tech  
Rob Newbrough, Tetra Tech  
Kevin Cordes, BAAQMD

# BAAQMD RULE 8-34-118 CONSTRUCTION PLAN

## OX MOUNTAIN SANITARY LANDFILL

### MARCH 6, 2023 THROUGH MAY 5, 2023

---

#### Introduction

This Construction Plan is being submitted pursuant to the Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34, Section 118: Limited Exemptions for Construction Activities for an exemption from the following BAAQMD Regulation 8, Rule 34 (8-34):

- Section 117 (117.1 through 117.6); and
- Section 118.

To obtain the exemptions from BAAQMD Regulation 8-34 (various Sections), the operator shall submit a construction plan in writing to the Air Pollution Control Officer (APCO) prior to beginning any construction activities. 8-34-117 provides for the limited exemption from 8-34-301.1, 301.2 and 305 when new wells are being connected to the gas collection and control system (GCCS). Specifically, it says: *“The requirements of Sections 8-34-301.1, 301.2, and 305 shall not apply to individual landfill gas collection system components that must be temporarily shut down in order to repair the components, to connect new landfill gas collection system components to the existing system...”*

Similarly, 8-34-118 provides for a limited exemption from 8-34-305 from *“The requirements of Sections 8-34- 303 shall not apply to the working face of the landfill or to areas of the landfill surface where the landfill cover material has been removed and refuse has been exposed for the express purpose of installing, expanding, replacing, or repairing components of the landfill gas, leachate, or gas condensate collection and removal systems...”* Since 8-34-117 and 118 allow for the limited exemptions from 8-34-301.1, 301.2 and 305 we are seeking exemption from these Sections (8-34-117 and 118).

BAAQMD Regulation 8-34-303 requires maintaining the concentration of organic compounds and methane below 500 parts per million by volume (ppmv) at all points on the landfill surface. Section 118 provides an exemption from the surface emission standard for *“...areas of the landfill surface where the landfill cover material has been removed and refuse has been exposed for the express purpose of installing, expanding, replacing, or repairing components of the landfill gas, leachate, or gas condensate collection and removal systems.”*

Pursuant to Regulation 8, Rule 34, Section 118.1 (subsections 1.1 through 1.7), this Construction Plan includes:

- Description of actions being taken;
- Description of landfill areas affected;
- Description of the LFG components affected;
- Map showing the affected areas and components;
- Reason(s) requiring the action;
- Construction schedule; and
- Description of air quality mitigation measures planned.

Additionally, pursuant to Regulation 8, Rule 34 Section 117 (subsections 1 through 6), this Plan addresses the following on an as-needed basis:

- List of GCCS components with planned repairs to maintain compliance;
- New GCCS components installed as required to maintain compliance;



- Other construction activities, in which 8-34-118.1 through 8-34-118.9 must be met;
- Number of LFG extraction wells anticipated to be taken offline, not to exceed five or 10 percent of the GCCS concurrently, unless the operator has received prior written approval from the APCO;
- Confirmation that no wells are planned to be disconnected from a vacuum source for longer than 24 consecutive hours, unless the operator has received prior written approval from the APCO; and
- Well disconnection and installation records.

### **Section 118.1.1: Actions Being Taken**

The construction work consists of installing a section of overliner on the northwestern slope of the landfill. Operations will require adjustments to the GCCS including decommissioning three vertical LFG extraction wells, abandonment of one vertical LFG extraction well, the remoting of three vertical LFG extraction wells, as well as temporarily taking one vertical LFG extraction well offline. Two horizontal collectors will also be installed. Both collectors will be connected to the GCCS during a separate construction event. Installation of LFG components will be completed to minimize offline times and impact to the operation of the overall GCCS. Refer to Sections 8-34-116, 8-34-117.4, 8-34-117.5, and 8-34-117.6 for additional details.

### **Sections 118.1.2 and 118.1.4: Affected Landfill Areas**

The construction activities will occur in the areas around the component installations as shown on the Ox Mountain 2023 Phase XXIII GCCS Overliner Design drawing included with this Construction Plan.

### **Section 118.1.3: Affected LFG Components**

It is anticipated that the construction will have no significant impact on the routine continuous operation of the existing GCCS, pursuant to 8-34-301.1. Installation of the lateral piping and drilling of new wells is independent of the ongoing operations of the GCCS. LFG extraction wells within the radius of influence (ROI) of planned installations may be temporarily disconnected on an as-needed basis, pursuant to 8-34-117. Isolation valves installed within the existing GCCS piping network will be used to minimize the number of existing LFG extraction wells offline during connection of the new lateral piping to the existing GCCS. In total three vertical wells will be decommissioned, one vertical well will be abandoned, three vertical wells will be remoted, two horizontal collectors will be installed, and one vertical well will be temporarily taken offline. Refer to Sections 8-34-116, 8-34-117.4, 8-34-117.5, and 8-34-117.6 for additional details.

BFIC and/or other subcontractor personnel on behalf of BFIC will observe, track, and record construction activities and will record information on the new vertical LFG extraction wells installations and startups as well as the decommissioning events. All wellfield startup, shutdown, and malfunction (SSM) events will be recorded pursuant to 8-34-501.

## Section 118.1.5: Reasons for Actions

The proposed construction work is intended to:

- Construct and install an overliner to expand filling operations for Phase XXIII of Ox Mountain's fill plan;
- Replace and install new lateral piping and wellheads to increase vacuum to new and existing GCCS components;
- Remote to three vertical LFG extraction wells
- Install of two horizontal collectors to be connected to the GCCS at a later date;
- Decommission and abandon three vertical LFG extraction wells;
- Abandon vertical LFG extraction well EW17-15 which was previously decommissioned in August 2022; and

The above action items will provide an increase in GCCS coverage and efficiency and therefore will promote the facility's compliance with 8-34, Sections 301, 303, and 305 and Title 17 California Code of Regulations (CCR), Landfill Methane Rule (LMR) Sections 95464 and 95465, among other requirements and improve the overall collection efficiency in the surrounding areas.

## Section 118.1.6: Construction Schedule

The construction period will commence on or around March 6, 2023 and conclude by May 5, 2023 and is summarized in the table below. Any significant changes or delay to the proposed schedule will be submitted to the BAAQMD as an amendment to this 118 Exemption Request.

**Table 1 - Preliminary Construction Schedule**

Task	Project Week and Duration
Mobilize crew, equipment, and materials to site	March 6, 2023 through March 8, 2023
Excavate and Install Overliner	March 8, 2023 through April 10, 2023
Trenching/installation of GCCS piping	April 10, 2023 through April 19, 2023
Decommissioning of up to three vertical LFG extraction wells	April 19, 2023 through April 24, 2023
Reconnect GCCS components	April 24, 2023 through May 1, 2023
Clean-up and demobilize crew and materials	May 1, 2023 through May 5, 2023

## Section 118.1.7: Air Quality Mitigation Measures

Emissions of raw LFG will be minimized during construction. Minimal interruption of the overall site LFG extraction and control operations is anticipated during the work. Installation of the new vertical LFG extraction wells, lateral piping, and the replacement of wellheads, as well as the decommissioning of existing vertical LFG extraction wells will be done independent of ongoing operations of the existing GCCS. Air quality mitigation will be provided during all the work described above.

Ox Mountain does not accept friable asbestos, and the disturbance of asbestos is not anticipated during this construction event.

Due to the minimal amount of excavation planned for this work, air quality impacts are also anticipated to be minimal. Air quality mitigation will be provided during the following work tasks:

- Excavation and backfill of pipe trench in waste;
- Installation and Replacement of the lateral piping and wellheads;

- Decommissioning of up to three vertical LFG extraction wells; and
- Installation of two horizontal collectors.

During excavation and drilling through waste and soil cover, air emissions will be controlled by implementing the following measures:

- Minimizing the installation time for new lateral piping and vertical LFG extraction wells and disconnection time for the well decommissioning events;
- Minimizing the quantity of open trench excavations at any one time;
- Covering excavated refuse immediately, and relocating it to the active waste disposal area within 24 hours or as soon as possible based on site operations; and
- Not leaving excavations open overnight or for over eight hours.

During connection of the LFG components to the associated piping, air emissions will be controlled by implementing the following measures:

- Capping or blind flanging of pipe and collector openings, which will remain sealed until time of connection to a vacuum source;
- Using isolation valves, where possible, when making connections into the existing GCCS piping network;
- Minimizing the disconnection time of the well during the decommissioning events;
- Minimizing the amount of open pipe during the installation of piping, by using flange joints and flexible couplings; and
- Ensuring that the Republic Standard Operation Procedures (SOP) are followed and that all activities are performed in compliance with applicable regulations by stationing construction quality assurance (CQA) personnel near the construction area to observe and record construction activities.

### **Section 117.1: Gas Collection System Components Repairs**

As outlined in this Construction Plan, no specific repairs are anticipated during this construction event. If any major repairs are required, an amendment to this Construction Plan will be submitted to the BAAQMD.

### **Section 117.2: Gas Collection System New Components**

As outlined in this Construction Plan, two horizontal collectors will be installed in anticipation of future landfill operations. Both wells will be assigned IDs and started up during a future construction event. A Wellfield Notification Letter will be provided to the BAAQMD three days prior to the start up of the horizontal collectors, pursuant to Title V Permit Condition 10164 Part 17(iv) and COPC A/N 27710. If there are any major changes a list of the affected wells will be provided to the BAAQMD in an addendum to this submittal.

### **Section 117.3 Gas Collection System Additional Construction Activities**

Existing LFG extraction wells EW-W05, EW-W06, and EW-W44 will be remoted and/or raised. This work is not associated with an installation of any new extraction wells.

### **Sections 117.4, 117.5 and 117.6: Gas Collection System Components Offline**

During the construction outlined in this Construction Plan, wells that need to be taken offline temporarily will be recorded pursuant to 8-34-117 and 8-34-501. Records of the wellfield SSM events will be included in the next Semi-Annual Report.

The decommissioning dates and times of the three vertical LFG extraction wells will also be recorded, pursuant to requirements in 8-34-117 and 8-34-501. A Wellfield Notification Letter will be provided to the BAAQMD within three days following the decommissioning of the vertical extraction wells, pursuant to Title V Permit Condition

10164 Part 17(iv) and COPC A/N 27710. The following wells are currently planned to be decommissioned and abandoned during GCCS construction outlined in this Construction Plan. Well EW17-15 is also identified in the attached drawings. This well was previously decommissioned in August 2022 and will now be abandoned below grade. Any major changes to the wells listed below will be provided to the BAAQMD in an addendum to this submittal.

Vertical LFG Well IDs for Decommissioning
EW-W15
EW-176
EW-W17

Attachment: Ox Mountain 2023 Phase XXIII GCCS Overliner Design Map

# ATTACHMENT

## OX MOUNTAIN 2023 PHASE XXIII GCCS OVERLINER DESIGN MAP



N 372,500

N 372,000

N 371,500

N 371,000

N 370,500

N 369,500

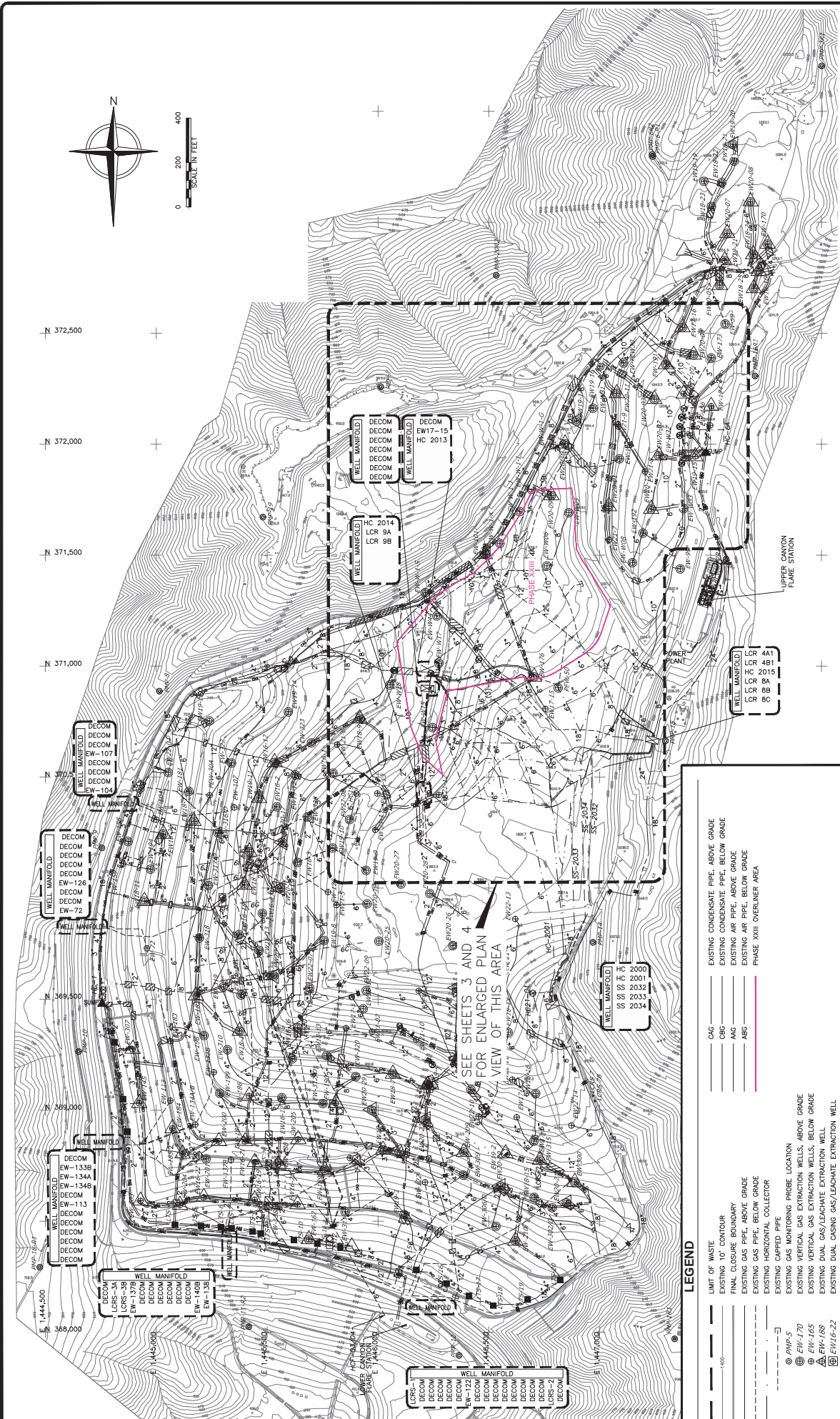
N 369,000

N 368,500

N 368,000

N 367,500

N 367,000



SEE SHEETS 3 AND 4  
FOR ENLARGED PLAN  
VIEW OF THIS AREA

**LEGEND**

- LIMIT OF WASTE
- EXISTING 10' CONTOUR
- FINAL CLOSURE BOUNDARY
- EXISTING GAS PIPE, ABOVE GRADE
- EXISTING GAS PIPE, BELOW GRADE
- EXISTING AIR PIPE, ABOVE GRADE
- EXISTING AIR PIPE, BELOW GRADE
- EXISTING HORIZONTAL COLLECTOR
- EXISTING CAPPED PIPE
- EXISTING GAS MONITORING PROBE LOCATION
- EXISTING VERTICAL GAS EXTRACTION WELLS, ABOVE GRADE
- EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE
- EXISTING DUAL GAS/LEACHATE EXTRACTION WELL
- EXISTING DUAL GAS/LEACHATE EXTRACTION WELL
- EXISTING ROAD CROSSING
- EXISTING ROTATE WELLHEAD
- EXISTING CONTROL VALVE
- EXISTING FLANGE CONNECTION
- EXISTING RUNOFF FLANGE
- EXISTING REDUCER FITTING
- EXISTING CONDENSATE PUMP STATION
- EXISTING LEACHATE INTERCEPTION TRENCH SLUMP

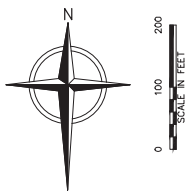
SHEET NO. **2**

OV MOUNTAIN LANDFILL  
SAN MATEO COUNTY, CALIFORNIA  
2023 PHASE XXIII GCS OVERLINER DESIGN  
GCS RECORD LAYOUT



REV.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY

DATE OF ISSUE: 2/29/23  
DRAWN BY: KJA  
CHECKED BY: AMN  
APPROVED BY: EJS



- ### TIE IN SCHEDULE AND CONSTRUCTION NOTES
1. TIE IN EXISTING 18" HDPE TO EXISTING 18" HDPE VIA PVC SCH 80 SLIP CAP OR PVC SCH 80 BLIND FLANGE AND HDPE SDR-11 FLANGE ASSEMBLY PER DETAIL
  2. ABANDON EXISTING WELL AND LATERAL BELOW GRADE AND SALVAGE WELLHEAD PER DETAIL
  3. INSTALL 18" HDPE LATERAL PIPE BELOW GRADE
  4. EXTEND 18" HDPE LATERAL PIPE BELOW GRADE FOR HC2013
  5. PROPOSED BLIND FLANGE PER DETAIL
  6. INSTALL 18" HDPE LATERAL BELOW GRADE
  7. TIE-IN TO EXISTING 18" BELOW GRADE HEADER VIA 8" SDR-11 HDPE TEE - PROTECT IN PLACE
  8. ABOVE GRADE 18" HEADER TO BE BURIED BELOW GRADE PER DETAIL
  9. TIE-IN TO EXISTING 8" BELOW GRADE HEADER VIA 8" SDR-11
  10. INSTALL HORIZONTAL REMOTE WELLHEAD PER DETAIL
  11. INSTALL STUB UP ON 8" HEADER PER DETAIL
  12. TRANSITION FROM SOLID TO PERFORATED PIPE
  13. PROPOSE 8" HDPE SDR-11 HORIZONTAL COLLECTOR
  14. CONNECT EXISTING LATERAL FOR HC2013 TO PROPOSED MANUAL ISOLATION VALVE
  15. TIE-IN TO EXISTING 18" BELOW GRADE HEADER VIA 18" SDR-11 HDPE TEE

APPROVAL: [Signature]

DATE: 01/23/24

PROJECT NO: 230202

SHEET NO: 4

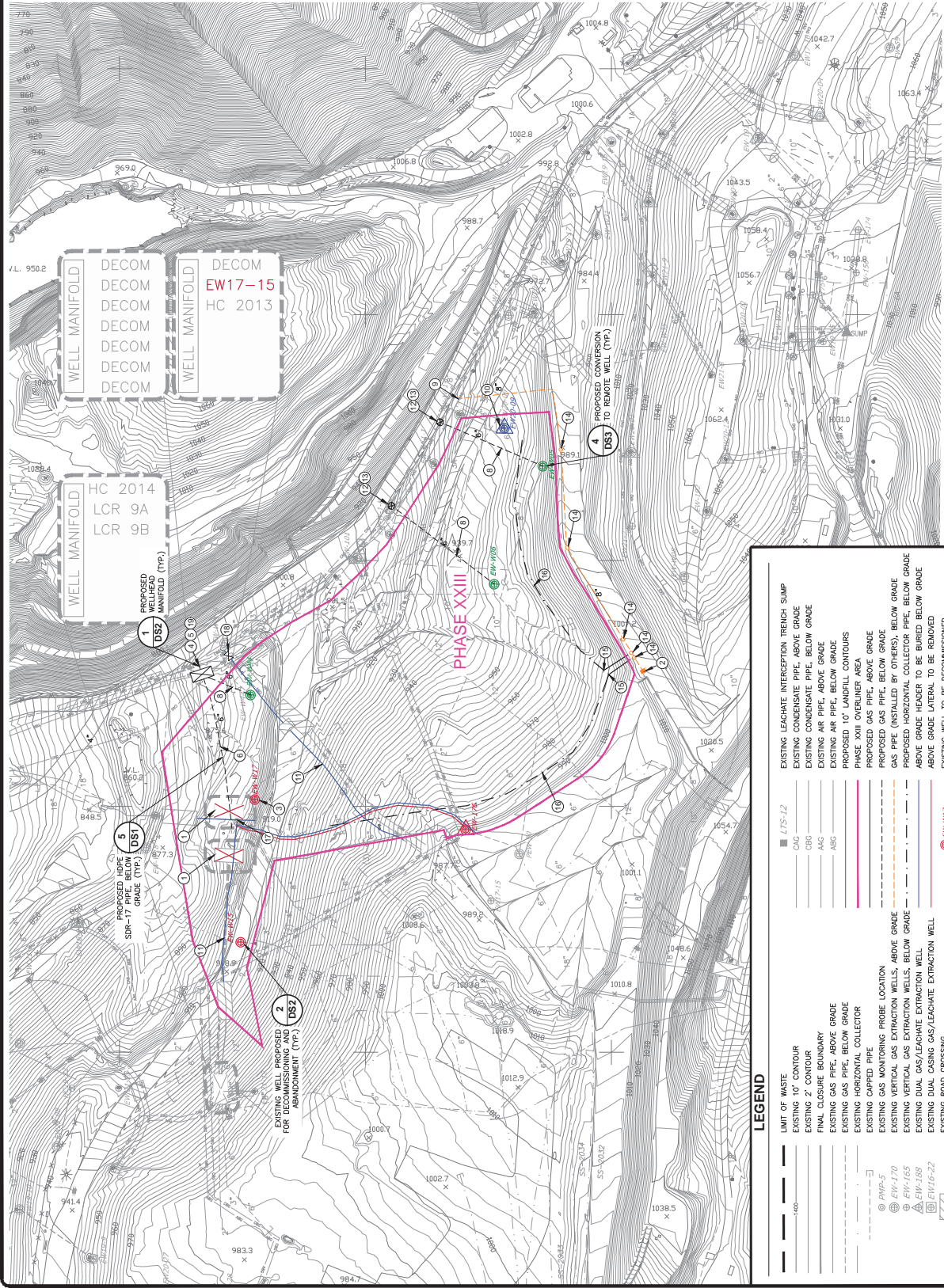
PRELIMINARY - NOT FOR CONSTRUCTION

CV MOUNTAIN LANDFILL  
SAN MATEO COUNTY, CALIFORNIA

2023 PHASE XXIII GCS OVERLINER DESIGN  
GCS CONSTRUCTION SITE PLAN - OVERLINER



REV	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY



### LEGEND

	LIMIT OF WASTE		EXISTING LEACHATE INTERSECTION TRENCH SUMP
	EXISTING 10' CONTOUR		EXISTING CONDENSATE PIPE ABOVE GRADE
	EXISTING 2' CONTOUR		EXISTING CONDENSATE PIPE BELOW GRADE
	FINAL CLOSURE BOUNDARY		EXISTING AIR PIPE ABOVE GRADE
	EXISTING GAS PIPE ABOVE GRADE		EXISTING AIR PIPE BELOW GRADE
	EXISTING GAS PIPE BELOW GRADE		PROPOSED 10' LANDFILL CONTOURS
	EXISTING HORIZONTAL COLLECTOR		PHASE XXIII OVERLINER AREA
	EXISTING CAPPED PIPE		PROPOSED GAS PIPE ABOVE GRADE
	EXISTING GAS MONITORING PROBE LOCATION		GAS PIPE (INSTALLED BY OTHERS), BELOW GRADE
	EXISTING VERTICAL GAS EXTRACTION WELLS, ABOVE GRADE		PROPOSED HORIZONTAL COLLECTOR PIPE, BELOW GRADE
	EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE		ABOVE GRADE HEADER TO BE BURIED BELOW GRADE
	EXISTING DUAL GAS/LEACHATE EXTRACTION WELL		ABOVE GRADE LATERAL TO BE REMOVED
	EXISTING ROAD CROSSING		EXISTING WELL TO BE DECOMMISSIONED
	EXISTING REMOTE WELLHEAD		EXISTING WELL TO BE REMOVED
	EXISTING CONTROL VALVE		PROPOSED BLIND FLANGE (INSTALLED BY OTHERS)
	EXISTING FLANGE CONNECTION		PROPOSED REMOTE WELLHEAD
	EXISTING BLIND FLANGE		PROPOSED STUB UP (INSTALLED BY OTHERS)
	EXISTING REDUCER FITTING		EXISTING CONDENSATE PUMP STATION

Legend symbols are for information only and are not intended to be used as a basis for construction. All construction shall be in accordance with the approved plans and specifications.



March 23, 2023

Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Well Notification Letter  
Ox Mountain Landfill, Facility A2266  
Title V Permit Condition Number 10164, Part 17

To Whom It May Concern:

Tetra Tech submits this letter on behalf of Browning-Ferris Industries of California, Inc. (BFIC) to notify the Bay Area Air Quality Management District (BAAQMD) of the decommissioning of three vertical landfill gas (LFG) extraction wells at Ox Mountain Landfill (Ox Mountain [Facility Number A2266]), pursuant to Title V Permit Condition Number 10164, Part 17 and Change of Permit Conditions Application Number (A/N) 30889.

In accordance with the approved A/N 30889, Ox Mountain is approved for the installation of up to 100 new vertical LFG extraction wells as well as 20 horizontal collectors; to decommissioning of up to 150 vertical LFG extraction wells, as well as 15 horizontal collectors; and unlimited vertical well replacements. This notification is being made pursuant to Title V Permit Condition Numbers 10164, Part 17(b)(iv) and (v), which state that the permit holder shall submit a notification to the BAAQMD at least three days prior to the startup of a component connected to the gas collection and control system (GCCS) and within three days after the decommissioning of a component connected to the GCCS.

Pursuant to A/N 30889, the following table is a summation of the well actions detailed in this notification letter.

Well ID	Well Action	Date/Time Action Taken
OXEW2025	Vertical LFG Well Decommissioning	March 20, 2023 8:30
OXMEWW17	Vertical LFG Well Decommissioning	March 20, 2023 8:30
OXMEW176	Vertical LFG Well Decommissioning	March 20, 2023 8:30

The decommissioning date and time for these vertical LFG extraction wells will also be recorded in the Startup, Shutdown, and Malfunction (SSM) log report submitted on a semi-annual basis to the BAAQMD and United States Environmental Protection Agency (USEPA), Region IX, pursuant to Regulation 8, Rule 34, Section 501.

Well OXEW2025 we previously removed from the GCCS in October 2022. This letter is the official notification that the well has been decommissioned during the current construction event associated with 118 Plan submitted to the BAAQMD on February 24, 2023 and approved on March 3, 2023.

In accordance with Title V Permit Condition Number 10164 Part 17(b)(vii), if the Permit Holder has a net reduction of more than five components within a 120-day period, the Permit Holder shall submit a more comprehensive



March 22, 2023

decommissioning notification to the BAAQMD. With the decommissioning of three vertical LFG extraction wells, the GCCS at Ox Mountain has not had a net reduction of five or more components within the previous 120-days of this well action; therefore, no further details are required with this submittal.

The following table shows the status of decommissions and installations for A/N 30889.

Action	Permitted Actions for Application Number 30889	Remaining Actions Per Application Number 30889
Vertical Gas Extraction Well Installations	100	79
Horizontal Collector Installations	20	10
Vertical Gas Extraction Well Decommissions	150	119
Horizontal Collector Decommissions	15	14
Vertical Well Replacements	Unlimited	Unlimited

Well OXEW2204 was reported as having been installed and started up on August 22, 2022. This well was never installed or started up and therefore the vertical well installation actions have been revised to include one additional action.

With the decommissioning of three vertical LFG extraction wells, there are currently 185 vertical LFG extraction wells, 18 vertical LFG extraction wells with approval for less than continuously operation (LTCO), 16 horizontal collectors, and 10 leachate cleanout risers connected to the GCCS at Ox Mountain.

If you have any questions regarding this notification, please do not hesitate to call Kendra Kent at (520) 526-7270 or by email at [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com).

Sincerely,

**TETRA TECH BAS, INC.**



Nat Israel  
Compliance Specialist



Kendra Kent  
Project Manager

cc: Kelly McDonnell, BFIC  
Travis Armstrong, BFIC  
Rob Newbrough, Tetra Tech

## Kent, Kendra

---

**From:** Kent, Kendra  
**Sent:** Tuesday, October 25, 2022 2:15 PM  
**To:** Romelle Guittap  
**Cc:** bwade@republicservices.com; Galicia, James; McDonnell, Kelly; Israel, Nat; Ayass, Sami; Newbrough, Rob  
**Subject:** FW: A2266/B7040 H2S/TRS records  
**Attachments:** Ox Mountain TRS November 2021 through October 2022.pdf; Ox Mountain Draeger Sampling 2022-08-02.pdf; Ox Mountain Draeger Sampling 2022-09-01.pdf; Ox Mountain Draeger Sampling 2022-10-03.pdf; Ox Mountain\_2021 As-Built Site Plan.pdf

Tracking:	Recipient	Read
	Romelle Guittap	
	bwade@republicservices.com	
	Galicia, James	
	McDonnell, Kelly	
	Israel, Nat	Read: 11/23/2022 2:37 PM
	Ayass, Sami	
	Newbrough, Rob	

Good Afternoon Romelle,

I was forwarded your request for records related to the hydrogen sulfide (H<sub>2</sub>S) and total reduced sulfur (TRS) monitoring for Ox Mountain and asked to provide you the information on behalf of Browning-Ferris Industries of California (BFIC).

As requested, attached for your reference are:

- The consecutive rolling 12-month period TRS calculation for both flares at Ox Mountain Landfill for September 2021 through October 2022;
- Records of the monthly Draeger tube sampling for your reference. Note, pursuant to Condition 10164 Part 22. ii., BFIC utilizes Draeger tubes for the required monthly sampling at Ox Mountain.

Also as requested, I have provided the most recent certified As-Build Drawing of the GCCS at Ox Mountain from 2021. A new as-built drawing set that includes all of the recent 2022 GCCS construction modifications is not yet available. However, drawings of the 2022 construction events, indicating modifications to the GCCS, were included with the Requests for Limited Exemption (for Construction Activities) from Regulation 8, Rule 34 (Solid Waste Disposal Sites) submitted to the BAAQMD June 7, 2022 and July 11, 2022.

If you need anything else, please do not hesitate to let us know.

Thanks,  
Kendra

**Kendra Kent** | Senior Compliance Specialist  
Direct +1 (520) 526-7270 | Mobile +1 (520) 275-0189 | Fax +1 (520) 888-4804 | [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com)

While we are operating remotely in response to COVID-19, Tetra Tech teams remain fully connected and hard at work servicing our clients and ongoing projects. We also would like to wish health and wellness to you and your family.

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**From:** Galicia, James <[JGalicia@republicservices.com](mailto:JGalicia@republicservices.com)>  
**Sent:** Tuesday, October 25, 2022 9:16 AM  
**To:** Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>  
**Subject:** FW: A2266/B7040 H2S/TRS records

Good morning ,

See email below

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**From:** Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>  
**Sent:** Monday, October 24, 2022 4:02 PM  
**To:** Galicia, James <[JGalicia@republicservices.com](mailto:JGalicia@republicservices.com)>  
**Cc:** Wade, Benjamin <[BWade@republicservices.com](mailto:BWade@republicservices.com)>  
**Subject:** A2266/B7040 H2S/TRS records

**This Message Is From an External Sender**

This message came from outside your organization.

Report Suspicious

Hello James,

Thank you for meeting with me today. As a reminder, please send me 1) H2S/TRS measurement log from August 2022 through last reading of October 2022. I'd like to see measurements from Draeger tubes and laboratory methods, and 2) Most current Landfill Map indicating well locations.

Again, my visit was in response to an H2S exceedance at Ameresco, but I needed to investigate both sites since the Ox Mountain landfill gases are vented off site to the IC engines at Ameresco. Thank you for your assistance.

Regards,

**Romelle Guittap (she/her/hers)**  
**Air Quality Inspector**  
**COMPLIANCE & ENFORCEMENT DIVISION**



375 Beale Street, Suite 600, San Francisco, CA 94105

Office (415) 749-4654 | Cell (415) 793-1235

[www.baaqmd.gov](http://www.baaqmd.gov) | [www.sparetheair.org](http://www.sparetheair.org)

## Kent, Kendra

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**Subject:** FW: BAAQMD Request for Additional Information - Ox Mountain

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**From:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>

**Sent:** Friday, November 18, 2022 10:50 AM

**To:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Newbrough, Rob <[Rob.Newbrough@tetrattech.com](mailto:Rob.Newbrough@tetrattech.com)>

**Cc:** Ayass, Sami <[Sami.Ayass@tetrattech.com](mailto:Sami.Ayass@tetrattech.com)>; nat.israel <[nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com)>; Naivalurua, Lusi <[LUSI.NAIVALURUA@tetrattech.com](mailto:LUSI.NAIVALURUA@tetrattech.com)>; Bowman, Matt <[Matt.Bowman@tetrattech.com](mailto:Matt.Bowman@tetrattech.com)>; Wade, Benjamin <[BWade@republicservices.com](mailto:BWade@republicservices.com)>

**Subject:** BAAQMD Request for Additional Information - Ox Mountain

Hi All,

As most of you are aware, Romelle from BAAQMD arrived on site yesterday to discuss the details of the flare shutdown from November 16<sup>th</sup>. She sent me an email with all follow up questions that I was not able to confirm while she was on site. I will provide her with a response once we have had a chance to address all of the requested items. Please see the below email with the her questions.

I will be available for most of the day today if anyone has questions or would like to discuss in more detail.

Thanks,

### **Kelly McDonnell**

Ox Mountain Landfill  
Environmental Manager

e [KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)

c (669) 297-4259 o (650) 713-3632

w [www.Republicservices.com](http://www.Republicservices.com)



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**From:** Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>

**Sent:** Thursday, November 17, 2022 4:37 PM

**To:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>

**Subject:** A2266 RCA 08N35 08N36

**This Message Is From an External Sender**

This message came from outside your organization.

Report Suspicious

Hello Kelly,

It was a pleasure meeting you today. Thank you for spending time with me and for providing me with the necessary information regarding the reportable compliance activity (RCA) which occurred on 11/16/22. As a recap, I am listing the list of items for you to follow-up on:

- What was the response time of the technicians (time it took to get to the source)?
  - What is the name and title of the technician who responded?
- How long was the process to restart the flare?
  - Was there any problems with restarting the flare?
- When it was first determined that an elevated O2 reading may have been a possible cause of the flare shutdown,
  - what instrument (make/model) was used to measure the O2?
    - When was it last calibrated?
    - What is the range of error on that instrument?
  - What are the possible scenarios that could have caused the elevated O2 levels?
- When (time) was it discovered that the flare shutdown may have been caused by the 6 engines being tripped off line?
- When was the flare last inspected/maintained prior to the event of 11/16/22?
- What is the maintenance schedule of the flare (frequency)?
- Please provide me with temperature/flow flare data from 11/15/22 – 11/17/22
- Question for Paul (if you are able to get it from him, otherwise I will follow-up with him after the 10-day report has been received):
  - What steps were taken in order to place the engines back online (repairs made)?
  - When was the temperature sensor last inspected/maintained?
  - Is there a maintenance schedule for the temperature sensor?
  - I will be requesting to see data on engine run times from 11/15/22 – 11/17/22 for all 6 engines.

Not related to RCAs 08N35/08N36

- What was the date of the last annual gas characterization test that was performed in conjunction with A7 & A9 compliance demonstration test?

Again, I appreciate your time. The questions that were asked today are standard preliminary investigation questions. I understand that many of the answers will be in the 10-day and 30-day reports. If you need clarification for any of the questions, please feel free to contact me. Thank you!

Regards,

**Romelle Guittap (she/her/hers)**

**Air Quality Inspector**

**COMPLIANCE & ENFORCEMENT DIVISION**



**BAY AREA AIR QUALITY  
MANAGEMENT DISTRICT**

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## APPENDIX C

### WELL SSM LOG

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: Wellfield

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Well & Check-Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OXEW2105								
X Startup Event	6/22/22 05:30	6/22/22 05:32	0.03	2,813.20 hours	Well offline due to construction per the 118 Construction Plan submitted on June 7, 2022. Approval to the 118 Plan was granted on June 15, 2022.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	6/22/2022	X Manual
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW2105								
X Startup Event	10/17/22 10:42	10/17/22 10:44	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/17/2022	X Manual
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW2019								
X Startup Event	9/12/22 09:23	9/12/22 09:25	0.03	2,185.30 hours	Well remained offline due to active fill. Now online as of the date noted.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	9/12/2022	X Manual
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW2019								
X Startup Event	12/12/22 10:41	12/12/22 10:43	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	12/12/2022	X Manual
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW1909								
X Startup Event	9/12/22 09:30	9/12/22 09:32	0.03	890.17 hours	Well offline due to construction per the 118 Construction Plan submitted on June 7, 2022. Approval to the 118 Plan was granted on June 15, 2022.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	9/12/2022	X Manual
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW1909								
X Startup Event	10/19/22 11:40	10/19/22 11:42	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/19/2022	X Manual
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW2027								
X Startup Event	9/27/22 08:43	9/27/22 08:45	0.03	3,005.87 hours	Well remained offline due to active fill. Now online as of the date noted.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	9/27/2022	X Manual
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW2027								
X Startup Event	1/30/23 14:35	1/30/23 14:37	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/30/2023	X Manual
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW2025								
X Startup Event	10/20/22 09:15	10/20/22 09:17	0.03		Well decommissioned.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/20/2022	X Manual
X Shutdown Event								
Malfunction Event								
Well ID Number:								
X Startup Event								
X Shutdown Event								
Malfunction Event								



CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: Wellfield

Ox Mountain Landfill - Half Moon Bay, California							
SSMP REPORT - From October 1, 2022 through March 31, 2023							
Identify Well & Check-Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed
Well ID Number: OXSS2215							
X Startup Event	12/28/22 13:09	12/28/22 13:11	0.03		Well started up.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection X	12/28/2022
Shutdown Event							
Malfunction Event							
Well ID Number:							
Startup Event							
Shutdown Event							
Malfunction Event							
Well ID Number: OXSS2216							
X Startup Event	1/30/23 08:14	1/30/23 08:16	0.03		Well started up.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection X	1/30/2023
Shutdown Event							
Malfunction Event							
Well ID Number:							
Startup Event							
Shutdown Event							
Malfunction Event							
Well ID Number: OXMEW17							
X Startup Event	3/20/23 08:30	3/20/23 08:32	0.03		Well decommissioned.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection X	3/20/2023
Shutdown Event							
Malfunction Event							
Well ID Number:							
Startup Event							
Shutdown Event							
Malfunction Event							
Well ID Number: OXMEW176							
X Startup Event	3/20/23 08:30	3/20/23 08:32	0.03		Well decommissioned.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection X	3/20/2023
Shutdown Event							
Malfunction Event							
Well ID Number:							
Startup Event							
Shutdown Event							
Malfunction Event							
Well ID Number: OXSS2032							
X Startup Event	3/23/23 08:32	3/23/23 08:34	0.03		Well started up.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection X	3/23/2023
Shutdown Event							
Malfunction Event							
Well ID Number:							
Startup Event							
Shutdown Event							
Malfunction Event							

<sup>1</sup>Well is offline as of the end of the reporting period; therefore, downtime is calculated as of April 1, 2023 at 00:00.

## APPENDIX D

### FLARE AND IC ENGINES SSM LOG

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/01/22 01:40	10/01/22 01:42	0.03	8.37 hours	Flare shut down due to flame failure.	116: Well Raising	10/1/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/01/22 10:02	10/01/22 10:04	0.03		Flare shut down due to flame failure.	116: Well Raising	10/1/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/01/22 20:16	10/01/22 20:18	0.03	13.53 hours	Flare shut down due to flame failure.	116: Well Raising	10/1/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/02/22 09:48	10/02/22 09:50	0.03		Flare shut down due to flame failure.	116: Well Raising	10/2/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/04/22 05:42	10/04/22 05:44	0.03	2.20 hours	Flare shut down due to flame failure.	116: Well Raising	10/4/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/04/22 07:54	10/04/22 07:56	0.03		Flare shut down due to flame failure.	116: Well Raising	10/4/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/05/22 06:22	10/05/22 06:24	0.03	0.10 hours	Flare shut down due to high temperature.	116: Well Raising	10/5/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/05/22 06:28	10/05/22 06:30	0.03		Flare shut down due to low temperature.	116: Well Raising	10/5/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/05/22 06:48	10/05/22 06:50	0.03	0.30 hours	Flare shut down due to low temperature.	116: Well Raising	10/5/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/05/22 07:06	10/05/22 07:08	0.03		Flare shut down due to low temperature.	116: Well Raising	10/5/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/05/22 07:32	10/05/22 07:34	0.03	0.30 hours	Flare shut down due to low temperature.	116: Well Raising	10/5/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	10/05/22 07:50	10/05/22 07:52	0.03		Flare shut down due to low temperature.	116: Well Raising	10/5/2022	X	Manual
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - From October 1, 2022 through March 31, 2023										
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/6/2022	X	Manual	
X Startup Event	10/06/22 22:34	10/06/22 22:36	0.03	9.83 hours	Flare shut down due to low temperature.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/7/2022	X	Manual	
X Startup Event	10/07/22 08:24	10/07/22 08:26	0.03	3.83 hours	Flare shut down due to low temperature.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/8/2022	X	Manual	
X Startup Event	10/08/22 05:14	10/08/22 05:16	0.03	3.83 hours	Flare shut down due to low temperature.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/8/2022	X	Manual	
X Startup Event	10/08/22 09:04	10/08/22 09:06	0.03	8.10 hours	Flare shut down due to flame failure.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/10/2022	X	Manual	
X Startup Event	10/10/22 00:26	10/10/22 00:28	0.03	8.10 hours	Flare shut down due to flame failure.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/10/2022	X	Automatic	
X Startup Event	10/10/22 08:32	10/10/22 08:34	0.03	0.27 hours	Flare shut down due to low temperature.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/11/2022	X	Manual	
X Startup Event	10/11/22 09:12	10/11/22 09:14	0.03	0.27 hours	Flare shut down due to low temperature.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/11/2022	X	Automatic	
X Startup Event	10/11/22 09:28	10/11/22 09:30	0.03	0.33 hours	Flare shut down due to flame failure.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/11/2022	X	Manual	
X Startup Event	10/11/22 09:38	10/11/22 09:40	0.03	0.33 hours	Flare shut down due to flame failure.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/11/2022	X	Automatic	
X Startup Event	10/11/22 09:58	10/11/22 10:00	0.03	0.10 hours	Flare shut down due to flame failure.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/11/2022	X	Manual	
X Startup Event	10/11/22 10:02	10/11/22 10:04	0.03	0.10 hours	Flare shut down due to flame failure.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/11/2022	X	Automatic	
X Startup Event	10/11/22 10:08	10/11/22 10:10	0.03	0.10 hours	Flare shut down due to flame failure.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/11/2022	X	Manual	
X Startup Event	10/11/22 10:08	10/11/22 10:10	0.03	0.10 hours	Flare shut down due to flame failure.					
X Shutdown Event										
X Malfunction Event										
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/11/2022	X	Automatic	

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/11/22 10:10	10/11/22 10:12	0.03	0.10 hours	Flare shut down due to flame failure.	116: Well Raising 117: Gas Collection	10/11/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/11/22 10:16	10/11/22 10:18	0.03			116: Well Raising 117: Gas Collection	10/11/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/11/22 11:46	10/11/22 11:48	0.03	0.30 hours	Flare shut down due to flame failure.	116: Well Raising 117: Gas Collection	10/11/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/11/22 12:04	10/11/22 12:06	0.03			116: Well Raising 117: Gas Collection	10/11/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/11/22 18:42	10/11/22 18:44	0.03	13.70 hours	Flare shut down due to flame failure.	116: Well Raising 117: Gas Collection	10/11/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/12/22 08:24	10/12/22 08:26	0.03			116: Well Raising 117: Gas Collection	10/12/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/13/22 05:52	10/13/22 05:54	0.03	2.80 hours	Flare shut down due to flame failure.	116: Well Raising 117: Gas Collection	10/13/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/13/22 08:40	10/13/22 08:42	0.03			116: Well Raising 117: Gas Collection	10/13/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/15/22 22:44	10/15/22 22:46	0.03	10.10 hours	Flare shut down due to flame failure.	116: Well Raising 117: Gas Collection	10/15/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/16/22 08:50	10/16/22 08:52	0.03			116: Well Raising 117: Gas Collection	10/16/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/17/22 13:38	10/17/22 13:40	0.03	0.57 hours	Flare shut down due to flame failure.	116: Well Raising 117: Gas Collection	10/17/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/17/22 14:12	10/17/22 14:14	0.03			116: Well Raising 117: Gas Collection	10/17/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
X Malfunction Event								

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/18/22 16:40	10/18/22 16:42	0.03	1.90 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection	10/18/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/18/22 18:34	10/18/22 18:36	0.03			116: Well Raising 117: Gas Collection	10/18/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/20/22 09:26	10/20/22 09:28	0.03	0.40 hours	Flare shut down due to flame failure.	116: Well Raising 117: Gas Collection	10/20/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/20/22 09:50	10/20/22 09:52	0.03			116: Well Raising 117: Gas Collection	10/20/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/20/22 11:56	10/20/22 11:58	0.03	0.60 hours	Flare shut down due to flame failure.	116: Well Raising 117: Gas Collection	10/20/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/20/22 12:32	10/20/22 12:34	0.03			116: Well Raising 117: Gas Collection	10/20/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/20/22 14:42	10/20/22 14:44	0.03	0.17 hours	Flare shut down due to high temperature.	116: Well Raising 117: Gas Collection	10/20/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/20/22 14:52	10/20/22 14:54	0.03			116: Well Raising 117: Gas Collection	10/20/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/21/22 16:32	10/21/22 16:34	0.03	17.27 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection	10/21/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/22/22 09:48	10/22/22 09:50	0.03			116: Well Raising 117: Gas Collection	10/22/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/22/22 22:56	10/22/22 22:58	0.03	11.73 hours	Flare shut down due to flame failure.	116: Well Raising 117: Gas Collection	10/22/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	10/23/22 10:40	10/23/22 10:42	0.03			116: Well Raising 117: Gas Collection	10/23/2022	Manual
Shutdown Event						118: Construction Activities		X
Malfunction Event								

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - From October 1, 2022 through March 31, 2023										
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/23/2022	X	Manual	
Startup Event	10/23/22 18:48	10/23/22 18:50	0.03		Flare shut down due to flame failure.					
Shutdown Event				13.83 hours						
X Malfunction Event									X	Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/24/2022	X	Manual	
Startup Event	10/24/22 08:38	10/24/22 08:40	0.03		Flare shut down due to flame failure.					
Shutdown Event				0.27 hours						
X Malfunction Event									X	Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/24/2022	X	Manual	
Startup Event	10/24/22 10:46	10/24/22 10:48	0.03		Flare shut down due to flame failure.					
Shutdown Event				0.27 hours						
X Malfunction Event									X	Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/24/2022	X	Manual	
Startup Event	10/24/22 11:02	10/24/22 11:04	0.03		Flare shut down due to flame failure.					
Shutdown Event				12.03 hours						
X Malfunction Event									X	Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/25/2022	X	Manual	
Startup Event	10/24/22 21:42	10/24/22 21:44	0.03		Flare shut down due to flame failure.					
Shutdown Event				0.03						
X Malfunction Event									X	Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/25/2022	X	Manual	
Startup Event	10/25/22 09:44	10/25/22 09:46	0.03		Flare shut down due to flame failure.					
Shutdown Event				5.60 hours						
X Malfunction Event									X	Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/27/2022	X	Manual	
Startup Event	10/27/22 02:40	10/27/22 02:42	0.03		Flare shut down due to flame failure.					
Shutdown Event				2.80 hours						
X Malfunction Event									X	Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/27/2022	X	Manual	
Startup Event	10/27/22 08:16	10/27/22 08:18	0.03		Flare shut down due to flame failure.					
Shutdown Event				0.03						
X Malfunction Event									X	Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/28/2022	X	Manual	
Startup Event	10/28/22 05:30	10/28/22 05:32	0.03		Flare shut down due to flame failure.					
Shutdown Event				14.87 hours						
X Malfunction Event									X	Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	10/28/2022	X	Manual	
Startup Event	10/28/22 08:18	10/28/22 08:20	0.03		Flare shut down due to flame failure.					
Shutdown Event				0.03						
X Malfunction Event									X	Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/01/2022	X	Manual	
Startup Event	11/01/22 17:36	11/01/22 17:38	0.03		Flare shut down due to flame failure.					
Shutdown Event				0.03						
X Malfunction Event									X	Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/02/2022	X	Manual	
Startup Event	11/02/22 08:28	11/02/22 08:30	0.03		Flare shut down due to flame failure.					
Shutdown Event				0.03						
X Malfunction Event									X	Automatic

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	11/02/22 10:46	11/02/22 10:48	0.03	0.23 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection 118: Construction Activities	11/2/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
X Startup Event	11/02/22 11:00	11/02/22 11:02	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	11/2/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	11/03/22 10:48	11/03/22 10:50	0.03	0.30 hours	Flare shut down due to flame failure	116: Well Raising 117: Gas Collection 118: Construction Activities	11/3/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
X Startup Event	11/03/22 11:06	11/03/22 11:08	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	11/3/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	11/04/22 09:24	11/04/22 09:26	0.03	0.37 hours	Flare shut down due to flame failure	116: Well Raising 117: Gas Collection 118: Construction Activities	11/4/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
X Startup Event	11/04/22 09:46	11/04/22 09:48	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	11/4/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	11/04/22 11:34	11/04/22 11:36	0.03	0.30 hours	Flare shut down due to high temperature.	116: Well Raising 117: Gas Collection 118: Construction Activities	11/4/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
X Startup Event	11/04/22 11:52	11/04/22 11:54	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	11/4/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	11/04/22 12:02	11/04/22 12:04	0.03	0.13 hours	Flare shut down due to high temperature.	116: Well Raising 117: Gas Collection 118: Construction Activities	11/4/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
X Startup Event	11/04/22 12:10	11/04/22 12:12	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	11/4/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	11/04/22 12:36	11/04/22 12:38	0.03	0.10 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection 118: Construction Activities	11/4/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
X Startup Event	11/04/22 12:42	11/04/22 12:44	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	11/4/2022	Manual
X Shutdown Event								X Automatic
Malfunction Event								



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AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/4/2022	X	Manual
X Startup Event	11/04/22 13:50	11/04/22 13:52	0.03	0.27 hours	Flare shut down due to low temperature.				Automatic
X Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/4/2022	X	Manual
X Startup Event	11/04/22 14:06	11/04/22 14:08	0.03						Automatic
X Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/7/2022	X	Manual
X Startup Event	11/07/22 14:04	11/07/22 14:06	0.03	0.37 hours	Flare shut down due to flame failure				Automatic
X Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/7/2022	X	Manual
X Startup Event	11/07/22 14:26	11/07/22 14:28	0.03						Automatic
X Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/7/2022	X	Manual
X Startup Event	11/07/22 14:54	11/07/22 14:56	0.03	0.43 hours	Flare shut down due to flame failure				Automatic
X Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/7/2022	X	Manual
X Startup Event	11/07/22 15:20	11/07/22 15:22	0.03						Automatic
X Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/7/2022	X	Manual
X Startup Event	11/07/22 15:50	11/07/22 15:52	0.03	0.43 hours	Flare shut down due to low temperature.				Automatic
X Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/7/2022	X	Manual
X Startup Event	11/07/22 16:16	11/07/22 16:18	0.03						Automatic
X Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/8/2022	X	Manual
X Startup Event	11/08/22 18:02	11/08/22 18:04	0.03	14.43 hours	Flare shut down due to low temperature.				Automatic
X Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/9/2022	X	Manual
X Startup Event	11/09/22 08:28	11/09/22 08:30	0.03						Automatic
X Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/9/2022	X	Manual
X Startup Event	11/09/22 22:20	11/09/22 22:22	0.03	10.50 hours	Flare shut down due to flame failure				Automatic
X Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/10/2022	X	Manual
X Startup Event	11/10/22 08:50	11/10/22 08:52	0.03						Automatic
X Shutdown Event									
X Malfunction Event									

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AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/16/2022	Manual
X Startup Event	11/16/22 05:40	11/16/22 05:42	0.03	1.47 hours	Flare shut down due to high temperature.	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/16/2022	Manual
X Startup Event	11/16/22 07:08	11/16/22 07:10	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/16/2022	Manual
X Startup Event	11/16/22 13:02	11/16/22 13:04	0.03	0.27 hours	Flare shut down due to low temperature.	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/16/2022	Manual
X Startup Event	11/16/22 13:18	11/16/22 13:20	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/18/2022	Manual
X Startup Event	11/18/22 08:56	11/18/22 08:58	0.03	0.13 hours	Flare shut down due to low temperature.	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/18/2022	Manual
X Startup Event	11/18/22 09:04	11/18/22 09:06	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/21/2022	Manual
X Startup Event	11/21/22 07:20	11/21/22 07:22	0.03	0.40 hours	Flare shut down due to flame failure	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/21/2022	Manual
X Startup Event	11/21/22 07:44	11/21/22 07:46	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/22/2022	Manual
X Startup Event	11/22/22 10:46	11/22/22 10:48	0.03	0.30 hours	Flare shut down due to low temperature.	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/22/2022	Manual
X Startup Event	11/22/22 11:04	11/22/22 11:06	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/22/2022	Manual
X Startup Event	11/22/22 11:40	11/22/22 11:42	0.03	0.40 hours	Flare shut down due to low temperature.	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/22/2022	Manual
X Startup Event	11/22/22 12:04	11/22/22 12:06	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/23/2022	X	Manual
Startup Event	11/23/22 07:16	11/23/22 07:18	0.03	0.40 hours	Flare shut down due to flame failure				Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/23/2022	X	Manual
Startup Event	11/23/22 07:40	11/23/22 07:42	0.03						Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/23/2022	X	Manual
Startup Event	11/23/22 09:38	11/23/22 09:40	0.03	0.47 hours	Flare shut down due to flame failure				Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/23/2022	X	Manual
Startup Event	11/23/22 10:06	11/23/22 10:08	0.03						Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/24/2022	X	Manual
Startup Event	11/24/22 00:30	11/24/22 00:32	0.03	59.10 hours	Flare shut down due to flame failure		11/24/2022	X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/26/2022	X	Manual
Startup Event	11/26/22 11:36	11/26/22 11:38	0.03				11/26/2022	X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/27/2022	X	Manual
Startup Event	11/27/22 21:04	11/27/22 21:06	0.03	10.00 hours	Flare shut down due to flame failure		11/27/2022	X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/28/2022	X	Manual
Startup Event	11/28/22 07:04	11/28/22 07:06	0.03				11/28/2022	X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/29/2022	X	Manual
Startup Event	11/29/22 20:12	11/29/22 20:14	0.03	11.43 hours	Flare shut down due to low temperature.		11/29/2022	X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	11/30/2022	X	Manual
Startup Event	11/30/22 07:38	11/30/22 07:40	0.03				11/30/2022	X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	12/01/2022	X	Manual
Startup Event	12/01/22 19:12	12/01/22 19:14	0.03	11.67 hours	Flare shutdown due to flame failure.		12/1/2022	X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	12/02/2022	X	Manual
Startup Event	12/02/22 06:52	12/02/22 06:54	0.03				12/2/2022	X	Automatic
Shutdown Event									
X Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/02/22 08:50	12/02/22 08:52	0.03	0.23 hours	Flare shutdown due to flame failure.	116: Well Raising 117: Gas Collection 118: Construction Activities	12/2/2022	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/02/22 09:04	12/02/22 09:06	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	12/2/2022	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/02/22 22:02	12/02/22 22:04	0.03	0.60 hours	Flare shutdown due to high temperature.	116: Well Raising 117: Gas Collection 118: Construction Activities	12/2/2022	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/02/22 22:38	12/02/22 22:40	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	12/2/2022	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/11/22 21:56	12/11/22 21:58	0.03	9.30 hours	Flare shutdown due to flame failure.	116: Well Raising 117: Gas Collection 118: Construction Activities	12/11/2022	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/12/22 07:14	12/12/22 07:16	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	12/12/2022	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/13/22 17:22	12/13/22 17:24	0.03	14.53 hours	Flare shutdown due to flame failure.	116: Well Raising 117: Gas Collection 118: Construction Activities	12/13/2022	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/14/22 07:54	12/14/22 07:56	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	12/14/2022	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/15/22 10:36	12/15/22 10:38	0.03	0.27 hours	Flare shutdown due to flame failure.	116: Well Raising 117: Gas Collection 118: Construction Activities	12/15/2022	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/15/22 10:52	12/15/22 10:54	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	12/15/2022	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/18/22 02:32	12/18/22 02:34	0.03	9.87 hours	Flare shutdown due to flame failure.	116: Well Raising 117: Gas Collection 118: Construction Activities	12/18/2022	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/18/22 12:24	12/18/22 12:26	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	12/18/2022	Manual
Shutdown Event								X
Malfunction Event								

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/19/22 01:44	12/19/22 01:46	0.03		Flare shutdown due to flame failure.	116: Well Raising	12/19/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/19/22 07:00	12/19/22 07:02	0.03	5.27 hours	Flare shutdown due to flame failure.	116: Well Raising	12/19/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/19/22 14:04	12/19/22 14:06	0.03		Flare shutdown due to flame failure.	116: Well Raising	12/19/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/20/22 07:48	12/20/22 07:50	0.03	17.73 hours	Flare shutdown due to flame failure.	116: Well Raising	12/20/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/20/22 09:00	12/20/22 09:02	0.03		Flare shutdown due to low temperature.	116: Well Raising	12/20/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/20/22 09:48	12/20/22 09:50	0.03	0.80 hours	Flare shutdown due to low temperature.	116: Well Raising	12/20/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/22/22 09:20	12/22/22 09:22	0.03		Flare shutdown due to flame failure.	116: Well Raising	12/22/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/22/22 09:34	12/22/22 09:36	0.03	0.23 hours	Flare shutdown due to flame failure.	116: Well Raising	12/22/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/22/22 22:28	12/22/22 22:30	0.03		Flare shutdown due to flame failure.	116: Well Raising	12/22/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/23/22 07:08	12/23/22 07:10	0.03	8.67 hours	Flare shutdown due to flame failure.	116: Well Raising	12/23/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/23/22 21:50	12/23/22 21:52	0.03		Flare shutdown due to low temperature.	116: Well Raising	12/23/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	12/24/22 09:44	12/24/22 09:46	0.03	11.90 hours	Flare shutdown due to low temperature.	116: Well Raising	12/24/2022		Manual
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/24/22 14:18	12/24/22 14:20	0.03	0.60 hours	Flare shutdown due to high temperature.	116: Well Raising 117: Gas Collection	12/24/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/24/22 14:54	12/24/22 14:56	0.03			116: Well Raising 117: Gas Collection	12/24/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/27/22 03:52	12/27/22 03:54	0.03	0.70 hours	Flare shutdown due to high temperature.	116: Well Raising 117: Gas Collection	12/27/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/27/22 04:34	12/27/22 04:36	0.03			116: Well Raising 117: Gas Collection	12/27/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/27/22 15:40	12/27/22 15:42	0.03	0.53 hours	Flare shutdown due to high temperature.	116: Well Raising 117: Gas Collection	12/27/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/27/22 16:12	12/27/22 16:14	0.03			116: Well Raising 117: Gas Collection	12/27/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/31/22 11:02	12/31/22 11:04	0.03	3.30 hours	Flare shutdown due to high temperature.	116: Well Raising 117: Gas Collection	12/31/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/31/22 14:20	12/31/22 14:22	0.03			116: Well Raising 117: Gas Collection	12/31/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/31/22 14:40	12/31/22 14:42	0.03	0.23 hours	Flare shutdown due to high temperature.	116: Well Raising 117: Gas Collection	12/31/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/31/22 14:54	12/31/22 14:56	0.03			116: Well Raising 117: Gas Collection	12/31/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/31/22 16:04	12/31/22 16:06	0.03	1.00 hours	Flare shutdown due to low temperature.	116: Well Raising 117: Gas Collection	12/31/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	12/31/22 17:04	12/31/22 17:06	0.03			116: Well Raising 117: Gas Collection	12/31/2022	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/1/2023	Manual
X Startup Event	1/01/23 03:44	1/01/23 03:46	0.03	1.13 hours	Flare shut down due to high temperature.	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/1/2023	Manual
X Startup Event	1/01/23 04:52	1/01/23 04:54	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/3/2023	Manual
X Startup Event	1/03/23 11:18	1/03/23 11:20	0.03	0.23 hours	Flare shut down due to flame failure.	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/3/2023	Manual
X Startup Event	1/03/23 11:32	1/03/23 11:34	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/3/2023	Manual
X Startup Event	1/03/23 17:26	1/03/23 17:28	0.03	13.67 hours	Flare shut down due to low temperature.	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/4/2023	Manual
X Startup Event	1/04/23 07:06	1/04/23 07:08	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/4/2023	Manual
X Startup Event	1/04/23 07:58	1/04/23 08:00	0.03	0.10 hours	Flare shut down due to high temperature.	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/4/2023	Manual
X Startup Event	1/04/23 08:04	1/04/23 08:06	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/4/2023	Manual
X Startup Event	1/04/23 09:02	1/04/23 09:04	0.03	0.10 hours	Flare shut down due to low temperature.	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/4/2023	Manual
X Startup Event	1/04/23 09:08	1/04/23 09:10	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/4/2023	Manual
X Startup Event	1/04/23 19:18	1/04/23 19:20	0.03	11.73 hours	Flare shut down due to flame failure.	X		X
X Shutdown Event								
X Malfunction Event								Automatic
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/5/2023	Manual
X Startup Event	1/05/23 07:02	1/05/23 07:04	0.03			X		X
X Shutdown Event								
X Malfunction Event								Automatic

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare								
Startup Event	1/05/23 13:08	1/05/23 13:10	0.03	19.00 hours	Flare shut down due to a Pacific Gas and Electric (PG&E) power outage.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/5/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare								
Startup Event	1/06/23 08:08	1/06/23 08:10	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/6/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare								
Startup Event	1/07/23 09:50	1/07/23 09:52	0.03	2.37 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/7/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare								
Startup Event	1/07/23 12:12	1/07/23 12:14	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/7/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare								
Startup Event	1/08/23 00:02	1/08/23 00:04	0.03	11.03 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/8/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare								
Startup Event	1/08/23 11:04	1/08/23 11:06	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/8/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare								
Startup Event	1/10/23 09:26	1/10/23 09:28	0.03	0.43 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/10/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare								
Startup Event	1/10/23 09:52	1/10/23 09:54	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/10/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare								
Startup Event	1/11/23 22:28	1/11/23 22:30	0.03	9.73 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/11/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare								
Startup Event	1/12/23 08:12	1/12/23 08:14	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/12/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare								
Startup Event	1/14/23 17:48	1/14/23 17:50	0.03	13.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/14/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare								
Startup Event	1/15/23 07:28	1/15/23 07:30	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/15/2023	Manual
Shutdown Event								X
Malfunction Event								



CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare									
Startup Event	1/15/23 20:22	1/15/23 20:24	0.03	11.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	1/15/2023	Manual	
Shutdown Event						116: Well Raising			
X Malfunction Event						117: Gas Collection	X	X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 07:30	1/16/23 07:32	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising		X	Automatic
X Malfunction Event						117: Gas Collection	X	X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 10:02	1/16/23 10:04	0.03	0.13 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
X Malfunction Event						117: Gas Collection	X	X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 10:10	1/16/23 10:12	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
X Malfunction Event						117: Gas Collection	X	X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 10:48	1/16/23 10:50	0.03	0.30 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
X Malfunction Event						117: Gas Collection	X	X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 11:06	1/16/23 11:08	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
X Malfunction Event						117: Gas Collection	X	X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 12:42	1/16/23 12:44	0.03	0.13 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
X Malfunction Event						117: Gas Collection	X	X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 12:50	1/16/23 12:52	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
X Malfunction Event						117: Gas Collection	X	X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 14:50	1/16/23 14:52	0.03	0.27 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
X Malfunction Event						117: Gas Collection	X	X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 15:06	1/16/23 15:08	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
X Malfunction Event						117: Gas Collection	X	X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 15:38	1/16/23 15:40	0.03	0.10 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
X Malfunction Event						117: Gas Collection	X	X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 15:44	1/16/23 15:46	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
X Malfunction Event						117: Gas Collection	X	X	Automatic

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare									
Startup Event	1/16/23 16:12	1/16/23 16:14	0.03	0.30 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			
Malfunction Event						117: Gas Collection		X	Automatic
Component: A-7 Flare									
Startup Event	1/16/23 16:30	1/16/23 16:32	0.03		Flare shut down due to high temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising		X	Automatic
Malfunction Event						117: Gas Collection			Manual
Component: A-7 Flare									
Startup Event	1/16/23 16:38	1/16/23 16:40	0.03	0.27 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	1/16/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection		X	Manual
Component: A-7 Flare									
Startup Event	1/16/23 16:54	1/16/23 16:56	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance	1/16/2023	Automatic	
Shutdown Event						116: Well Raising		X	Manual
Malfunction Event						117: Gas Collection			Automatic
Component: A-7 Flare									
Startup Event	1/18/23 06:32	1/18/23 06:34	0.03	0.80 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	1/18/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection		X	Manual
Component: A-7 Flare									
Startup Event	1/18/23 07:20	1/18/23 07:22	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance	1/18/2023	Automatic	
Shutdown Event						116: Well Raising		X	Manual
Malfunction Event						117: Gas Collection			Automatic
Component: A-7 Flare									
Startup Event	1/18/23 21:32	1/18/23 21:34	0.03	9.43 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	1/18/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection		X	Manual
Component: A-7 Flare									
Startup Event	1/19/23 06:58	1/19/23 07:00	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance	1/19/2023	Automatic	
Shutdown Event						116: Well Raising		X	Manual
Malfunction Event						117: Gas Collection			Automatic
Component: A-7 Flare									
Startup Event	1/20/23 23:50	1/20/23 23:52	0.03	7.43 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	1/20/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection		X	Manual
Component: A-7 Flare									
Startup Event	1/21/23 07:16	1/21/23 07:18	0.03		Flare shut down due to flame failure.	113: Inspection and Maintenance	1/21/2023	Automatic	
Shutdown Event						116: Well Raising		X	Manual
Malfunction Event						117: Gas Collection			Automatic
Component: A-7 Flare									
Startup Event	1/23/23 19:04	1/23/23 19:06	0.03	12.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	1/23/2023	Manual	
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection		X	Manual
Component: A-7 Flare									
Startup Event	1/24/23 07:38	1/24/23 07:40	0.03		Flare shut down due to flame failure.	113: Inspection and Maintenance	1/24/2023	Automatic	
Shutdown Event						116: Well Raising		X	Manual
Malfunction Event						117: Gas Collection			Automatic

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	1/24/23 16:42	1/24/23 16:44	0.03	14.53 hours	Flare shut down due to low temperature.	116: Well Raising	1/24/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	1/25/23 07:14	1/25/23 07:16	0.03		Flare shut down due to A-9 Flare testing.	116: Well Raising	1/25/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	1/25/23 16:22	1/25/23 16:24	0.03	3.70 hours	Flare shut down due to A-9 Flare testing.	116: Well Raising	1/25/2023	Manual	
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	1/25/23 20:04	1/25/23 20:06	0.03		Flare shut down due to flame failure.	116: Well Raising	1/25/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	1/29/23 20:00	1/29/23 20:02	0.03	10.83 hours	Flare shut down due to flame failure.	116: Well Raising	1/29/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	1/30/23 06:50	1/30/23 06:52	0.03		Flare shut down due to A-9 Flare component leak testing.	116: Well Raising	1/30/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	1/31/23 11:50	1/31/23 11:52	0.03	2.40 hours	Flare shut down due to A-9 Flare component leak testing.	116: Well Raising	1/31/2023	Manual	
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	1/31/23 14:14	1/31/23 14:16	0.03		Flare shut down due to low temperature.	116: Well Raising	1/31/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/01/23 19:10	2/01/23 19:12	0.03	12.10 hours	Flare shut down due to low temperature.	116: Well Raising	2/1/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/02/23 07:16	2/02/23 07:18	0.03		Flare shut down due to flame failure.	116: Well Raising	2/2/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/08/23 22:36	2/08/23 22:38	0.03	0.50 hours	Flare shut down due to flame failure.	116: Well Raising	2/8/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/08/23 23:06	2/08/23 23:08	0.03		Flare shut down due to flame failure.	116: Well Raising	2/8/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare									
Startup Event	2/09/23 01:38	2/09/23 01:40	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/9/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	2/09/23 01:50	2/09/23 01:52	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/9/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	2/09/23 02:10	2/09/23 02:12	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/9/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	2/09/23 02:20	2/09/23 02:22	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/9/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	2/09/23 17:10	2/09/23 17:12	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/9/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	2/09/23 17:20	2/09/23 17:22	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/9/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	2/09/23 18:56	2/09/23 18:58	0.03	0.13 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/9/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	2/09/23 19:04	2/09/23 19:06	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/9/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	2/10/23 11:02	2/10/23 11:04	0.03	0.30 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/10/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	2/10/23 11:20	2/10/23 11:22	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/10/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	2/10/23 21:08	2/10/23 21:10	0.03	11.63 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/10/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	2/11/23 08:46	2/11/23 08:48	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	2/11/2023	Manual	
Shutdown Event								X	Automatic
Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/12/23 19:56	2/12/23 19:58	0.03	11.77 hours	Flare shut down due to low temperature.	116: Well Raising	2/12/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/13/23 07:42	2/13/23 07:44	0.03		Flare shut down due to low temperature.	116: Well Raising	2/13/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/16/23 06:54	2/16/23 06:56	0.03	0.60 hours	Flare shut down due to low temperature.	116: Well Raising	2/16/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/16/23 07:30	2/16/23 07:32	0.03		Flare shut down due to low temperature.	116: Well Raising	2/16/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/16/23 22:44	2/16/23 22:46	0.03	8.20 hours	Flare shut down due to low temperature.	116: Well Raising	2/16/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/17/23 06:56	2/17/23 06:58	0.03		Flare shut down due to low temperature.	116: Well Raising	2/17/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/21/23 11:00	2/21/23 11:02	0.03	0.20 hours	Flare shut down due to low temperature.	116: Well Raising	2/21/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/21/23 11:12	2/21/23 11:14	0.03		Flare shut down due to low temperature.	116: Well Raising	2/21/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/21/23 14:24	2/21/23 14:26	0.03	18.30 hours	Flare shut down due to a Pacific Gas and Electric (PG&E) power outage.	116: Well Raising	2/21/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/22/23 08:42	2/22/23 08:44	0.03		Flare shut down due to low temperature.	116: Well Raising	2/22/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/23/23 02:26	2/23/23 02:28	0.03	4.97 hours	Flare shut down due to low temperature.	116: Well Raising	2/23/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
Startup Event	2/23/23 07:24	2/23/23 07:26	0.03		Flare shut down due to low temperature.	116: Well Raising	2/23/2023	Manual	
Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/25/23 11:12	2/25/23 11:14	0.03	2.50 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection 118: Construction Activities	2/25/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/25/23 13:42	2/25/23 13:44	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	2/25/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/25/23 13:52	2/25/23 13:54	0.03	0.07 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection 118: Construction Activities	2/25/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/25/23 13:56	2/25/23 13:58	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	2/25/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/25/23 14:04	2/25/23 14:06	0.03	0.13 hours	Flare shut down due to flame failure.	116: Well Raising 117: Gas Collection 118: Construction Activities	2/25/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/25/23 14:12	2/25/23 14:14	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	2/25/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/27/23 15:48	2/27/23 15:50	0.03	1.23 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection 118: Construction Activities	2/27/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/27/23 17:02	2/27/23 17:04	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	2/27/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/27/23 17:16	2/27/23 17:18	0.03	0.07 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection 118: Construction Activities	2/27/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/27/23 17:20	2/27/23 17:22	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	2/27/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/27/23 17:32	2/27/23 17:34	0.03	0.30 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection 118: Construction Activities	2/27/2023	Manual
Shutdown Event								X
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/27/23 17:50	2/27/23 17:52	0.03			116: Well Raising 117: Gas Collection 118: Construction Activities	2/27/2023	Manual
Shutdown Event								X
Malfunction Event								

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	2/28/23 17:00	2/28/23 17:02	0.03	14.17 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection	2/28/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/01/23 07:10	3/01/23 07:12	0.03			116: Well Raising 117: Gas Collection	3/1/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/01/23 08:06	3/01/23 08:08	0.03	0.67 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection	3/1/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/01/23 08:46	3/01/23 08:48	0.03			116: Well Raising 117: Gas Collection	3/1/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/02/23 02:22	3/02/23 02:24	0.03	4.63 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection	3/2/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/02/23 07:00	3/02/23 07:02	0.03			116: Well Raising 117: Gas Collection	3/2/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/02/23 09:34	3/02/23 09:36	0.03	0.33 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection	3/2/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/02/23 09:54	3/02/23 09:56	0.03			116: Well Raising 117: Gas Collection	3/2/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/04/23 16:54	3/04/23 16:56	0.03	1.97 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection	3/4/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/04/23 18:52	3/04/23 18:54	0.03			116: Well Raising 117: Gas Collection	3/4/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/04/23 22:00	3/04/23 22:02	0.03	14.13 hours	Flare shut down due to low temperature.	116: Well Raising 117: Gas Collection	3/4/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/05/23 12:08	3/05/23 12:10	0.03			116: Well Raising 117: Gas Collection	3/5/2023	Manual
Shutdown Event						118: Construction Activities		Automatic
Malfunction Event								

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare									
Startup Event	3/07/23 12:38	3/07/23 12:40	0.03	0.23 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/7/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/07/23 12:52	3/07/23 12:54	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/7/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/07/23 13:06	3/07/23 13:08	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/7/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/07/23 13:10	3/07/23 13:12	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/7/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/07/23 17:52	3/07/23 17:54	0.03	12.97 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/7/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/08/23 06:50	3/08/23 06:52	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/8/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/08/23 07:20	3/08/23 07:22	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/8/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/08/23 07:24	3/08/23 07:26	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/8/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/08/23 07:54	3/08/23 07:56	0.03	0.47 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/8/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/08/23 08:22	3/08/23 08:24	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/8/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/08/23 12:24	3/08/23 12:26	0.03	0.13 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/8/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/08/23 12:32	3/08/23 12:34	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/8/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									



CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/8/2023	X	Manual
Startup Event	3/08/23 14:56	3/08/23 14:58	0.03	0.07 hours	Flare shut down due to low flame failure.				Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/8/2023	X	Manual
Startup Event	3/08/23 15:00	3/08/23 15:02	0.03						Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/10/2023	X	Manual
Startup Event	3/10/23 14:22	3/10/23 14:24	0.03	0.37 hours	Flare shut down due to low temperature.				Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/10/2023	X	Manual
Startup Event	3/10/23 14:44	3/10/23 14:46	0.03						Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	X	Manual
Startup Event	3/13/23 14:30	3/13/23 14:32	0.03	0.27 hours	Flare shut down due to low temperature.				Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	X	Manual
Startup Event	3/13/23 14:46	3/13/23 14:48	0.03						Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	X	Manual
Startup Event	3/13/23 14:58	3/13/23 15:00	0.03	0.07 hours	Flare shut down due to low temperature.				Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	X	Manual
Startup Event	3/13/23 15:02	3/13/23 15:04	0.03						Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	X	Manual
Startup Event	3/13/23 15:10	3/13/23 15:12	0.03	0.13 hours	Flare shut down due to high temperature.				Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	X	Manual
Startup Event	3/13/23 15:18	3/13/23 15:20	0.03						Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	X	Manual
Startup Event	3/13/23 15:26	3/13/23 15:28	0.03	0.57 hours	Flare shut down due to high temperature.				Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	X	Manual
Startup Event	3/13/23 16:00	3/13/23 16:02	0.03						Automatic
Shutdown Event									
X Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare									
Startup Event	3/13/23 16:02	3/13/23 16:04	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/13/23 16:06	3/13/23 16:08	0.03		Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/13/23 16:10	3/13/23 16:12	0.03	0.30 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/13/23 16:28	3/13/23 16:30	0.03		Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/13/23 16:32	3/13/23 16:34	0.03	0.33 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/13/23 16:52	3/13/23 16:54	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/13/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/14/23 22:14	3/14/23 22:16	0.03	9.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/14/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/15/23 07:26	3/15/23 07:28	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/15/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/17/23 17:48	3/17/23 17:50	0.03	0.10 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/17/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/17/23 17:54	3/17/23 17:56	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/17/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/17/23 18:04	3/17/23 18:06	0.03	0.63 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/17/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									
Component: A-7 Flare									
Startup Event	3/17/23 18:42	3/17/23 18:44	0.03		Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/17/2023	Manual	
Shutdown Event						X		X	Automatic
Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/18/2023	X	Manual
Startup Event	3/18/23 11:12	3/18/23 11:14	0.03	0.37 hours	Flare shut down due to low temperature.				Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/18/2023	X	Manual
Startup Event	3/18/23 11:34	3/18/23 11:36	0.03						Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/19/2023	X	Manual
Startup Event	3/19/23 01:06	3/19/23 01:08	0.03	8.03 hours	Flare shut down due to low temperature.				Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/19/2023	X	Manual
Startup Event	3/19/23 09:08	3/19/23 09:10	0.03						Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/20/2023	X	Manual
Startup Event	3/20/23 09:50	3/20/23 09:52	0.03	1.57 hours	Flare shut down due to low temperature.				Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/20/2023	X	Manual
Startup Event	3/20/23 11:24	3/20/23 11:26	0.03						Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/21/2023	X	Manual
Startup Event	3/21/23 15:02	3/21/23 15:04	0.03	18.13 hours	Flare shut down due to a Pacific Gas and Electric (PG&E) power outage.				Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/22/2023	X	Manual
Startup Event	3/22/23 09:10	3/22/23 09:12	0.03						Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/23/2023	X	Manual
Startup Event	3/23/23 18:42	3/23/23 18:44	0.03	11.90 hours	Flare shut down due to a PG&E power outage.				Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/24/2023	X	Manual
Startup Event	3/24/23 06:36	3/24/23 06:38	0.03						Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/24/2023	X	Manual
Startup Event	3/24/23 09:40	3/24/23 09:42	0.03	0.13 hours	Flare shut down due to low temperature.				Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	3/24/2023	X	Manual
Startup Event	3/24/23 09:48	3/24/23 09:50	0.03						Automatic
Shutdown Event									
Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/25/23 08:44	3/25/23 08:46	0.03	0.23 hours	Flare shut down due to high temperature.	116: Well Raising	3/25/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/25/23 08:58	3/25/23 09:00	0.03			116: Well Raising	3/25/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/25/23 18:00	3/25/23 18:02	0.03	14.57 hours	Flare shut down due to low temperature.	116: Well Raising	3/25/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/26/23 08:34	3/26/23 08:36	0.03			116: Well Raising	3/26/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/26/23 20:42	3/26/23 20:44	0.03	10.63 hours	Flare shut down due to low temperature.	116: Well Raising	3/26/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/27/23 07:20	3/27/23 07:22	0.03			116: Well Raising	3/27/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/27/23 20:40	3/27/23 20:42	0.03	10.60 hours	Flare shut down due to low temperature.	116: Well Raising	3/27/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/28/23 07:16	3/28/23 07:18	0.03			116: Well Raising	3/28/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/30/23 07:18	3/30/23 07:20	0.03	0.13 hours	Flare shut down due to low temperature.	116: Well Raising	3/30/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/30/23 07:26	3/30/23 07:28	0.03			116: Well Raising	3/30/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/30/23 19:12	3/30/23 19:14	0.03	12.00 hours	Flare shut down due to low temperature.	116: Well Raising	3/30/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		
Component: A-7 Flare						113: Inspection and Maintenance		
Startup Event	3/31/23 07:12	3/31/23 07:14	0.03			116: Well Raising	3/31/2023	Manual
Shutdown Event						117: Gas Collection		X
Malfunction Event						118: Construction Activities		

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare						113: Inspection and Maintenance			
X Startup Event	3/31/23 10:38	3/31/23 10:40	0.03	0.20 hours	Flare shut down due to low temperature.	116: Well Raising	3/31/2023	Manual	
X Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
X Startup Event	3/31/23 10:50	3/31/23 10:52	0.03		Flare shut down due to low temperature.	116: Well Raising	3/31/2023	Manual	
X Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
X Startup Event	3/31/23 13:06	3/31/23 13:08	0.03	0.17 hours	Flare shut down due to low temperature.	116: Well Raising	3/31/2023	Manual	
X Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare						113: Inspection and Maintenance			
X Startup Event	3/31/23 13:16	3/31/23 13:18	0.03		Flare shut down due to low temperature.	116: Well Raising	3/31/2023	Manual	
X Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			

TOTAL DOWNTIME HOURS:	747.63
TOTAL AVAILABLE HOURS:	4,368.00
TOTAL REPORTING PERIOD RUNTIME (HOURS):	3,620.37
RUNTIME PERCENTAGE:	82.88%

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-8 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-8 Flare					The A-8 Flare did not operate for the reporting period of October 1, 2022 through March 31, 2023.	113: Inspection and Maintenance		Manual	
Startup Event						116: Well Raising		Manual	
Shutdown Event						117: Gas Collection		Automatic	
Malfunction Event						118: Construction Activities			
Component: A-8 Flare						113: Inspection and Maintenance			Manual
Startup Event						116: Well Raising			Manual
Shutdown Event					117: Gas Collection			Automatic	
Malfunction Event					118: Construction Activities				

TOTAL DOWNTIME HOURS:	4,368.00
TOTAL AVAILABLE HOURS:	4,368.00
TOTAL REPORTING PERIOD RUNTIME (HOURS):	0.00
RUNTIME PERCENTAGE:	0.00%

**CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG  
AFFECTED EQUIPMENT: A-9 Flare**

<b>Ox Mountain Landfill - Half Moon Bay, California</b>							
<b>SSMP REPORT - From October 1, 2022 through March 31, 2023</b>							
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed
Component: A-9 Flare Startup Event						113. Inspection and Maintenance	
Shutdown Event					Flare shutdown due to Ameresco landfill gas to energy (LFGTE) facility restart.	116. Well Raising 117. Gas Collection	
Malfunction Event				102.47 hours		118. Construction Activities	
Component: A-9 Flare Startup Event	10/05/22 06:28	10/05/22 06:30	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/05/2022
Shutdown Event						118. Construction Activities	
Malfunction Event							
Component: A-9 Flare Startup Event	10/05/22 06:54	10/05/22 06:56	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/05/2022
Shutdown Event					Flare shutdown due to Ameresco LFGTE facility restart.	118. Construction Activities	
Malfunction Event				0.27 hours			
Component: A-9 Flare Startup Event	10/05/22 07:10	10/05/22 07:12	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/05/2022
Shutdown Event						118. Construction Activities	
Malfunction Event							
Component: A-9 Flare Startup Event	10/05/22 07:16	10/05/22 07:18	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/05/2022
Shutdown Event					Flare shut down due to high temperature.	118. Construction Activities	
Malfunction Event				0.07 hours			
Component: A-9 Flare Startup Event	10/05/22 07:20	10/05/22 07:22	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/05/2022
Shutdown Event						118. Construction Activities	
Malfunction Event							
Component: A-9 Flare Startup Event	10/05/22 07:24	10/05/22 07:26	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/05/2022
Shutdown Event					Flare shut down due to high temperature.	118. Construction Activities	
Malfunction Event				0.57 hours			
Component: A-9 Flare Startup Event	10/05/22 07:58	10/05/22 08:00	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/05/2022
Shutdown Event						118. Construction Activities	
Malfunction Event							
Component: A-9 Flare Startup Event	10/05/22 08:18	10/05/22 08:20	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/05/2022
Shutdown Event					Flare shut down due to high temperature.	118. Construction Activities	
Malfunction Event				0.10 hours			
Component: A-9 Flare Startup Event	10/05/22 08:24	10/05/22 08:26	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/05/2022
Shutdown Event						118. Construction Activities	
Malfunction Event							
Component: A-9 Flare Startup Event	10/06/22 21:44	10/06/22 21:46	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/06/2022
Shutdown Event					Flare shutdown due to Ameresco LFGTE facility restart.	118. Construction Activities	
Malfunction Event				255.60 hours			
Component: A-9 Flare Startup Event	10/17/22 13:32	10/17/22 13:34	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/17/2022
Shutdown Event						118. Construction Activities	
Malfunction Event							
Component: A-9 Flare Startup Event	10/17/22 13:36	10/17/22 13:38	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/17/2022
Shutdown Event					Flare shut down due to high temperature.	118. Construction Activities	
Malfunction Event				73.03 hours			
Component: A-9 Flare Startup Event	10/20/22 14:38	10/20/22 14:40	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection	10/20/2022
Shutdown Event						118. Construction Activities	
Malfunction Event							

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG  
AFFECTED EQUIPMENT: A-9 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check-Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare									
X Startup Event	10/20/22 16:26	10/20/22 16:28	0.03				10/20/2022		Manual
X Shutdown Event					Flare shut down due to low temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event				183.07 hours					
Component: A-9 Flare									
X Startup Event	10/28/22 07:30	10/28/22 07:32	0.03				10/28/2022		Manual
X Shutdown Event						113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event									
Component: A-9 Flare									
X Startup Event	10/28/22 07:32	10/28/22 07:34	0.03				10/28/2022		Manual
X Shutdown Event					Flare shut down due to low temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event				171.80 hours					
Component: A-9 Flare									
X Startup Event	11/04/22 11:20	11/04/22 11:22	0.03				11/4/2022		Manual
X Shutdown Event						113. Construction Activities 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event									
Component: A-9 Flare									
X Startup Event	11/04/22 11:38	11/04/22 11:40	0.03				11/4/2022		Manual
X Shutdown Event					Flare shut down due to low temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event				0.30 hours					
Component: A-9 Flare									
X Startup Event	11/04/22 11:56	11/04/22 11:58	0.03				11/4/2022		Manual
X Shutdown Event						113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event									
Component: A-9 Flare									
X Startup Event	11/04/22 13:40	11/04/22 13:42	0.03				11/4/2022		Manual
X Shutdown Event					Flare shut down due to low temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event				74.17 hours					
Component: A-9 Flare									
X Startup Event	11/07/22 14:50	11/07/22 14:52	0.03				11/7/2022		Manual
X Shutdown Event						113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event									
Component: A-9 Flare									
X Startup Event	11/07/22 15:00	11/07/22 15:00	0.03				11/7/2022		Manual
X Shutdown Event					Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event				207.20 hours					
Component: A-9 Flare									
X Startup Event	11/16/22 06:10	11/16/22 06:12	0.03				11/16/2022		Manual
X Shutdown Event						113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event									
Component: A-9 Flare									
X Startup Event	11/16/22 06:16	11/16/22 06:18	0.03				11/16/2022		Manual
X Shutdown Event					Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event				0.30 hours					
Component: A-9 Flare									
X Startup Event	11/16/22 06:34	11/16/22 06:36	0.03				11/16/2022		Manual
X Shutdown Event						113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event									
Component: A-9 Flare									
X Startup Event	11/16/22 06:38	11/16/22 06:40	0.03				11/16/2022		Manual
X Shutdown Event					Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event				0.17 hours					
Component: A-9 Flare									
X Startup Event	11/16/22 06:48	11/16/22 06:50	0.03				11/16/2022		Manual
X Shutdown Event						113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event									
Component: A-9 Flare									
X Startup Event	11/16/22 06:50	11/16/22 06:52	0.03				11/16/2022		Manual
X Shutdown Event					Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event				0.10 hours					
Component: A-9 Flare									
X Startup Event	11/16/22 06:56	11/16/22 06:58	0.03				11/16/2022		Manual
X Shutdown Event						113. Inspection and Maintenance 116. Well Raising 117. Gas Collection		X	Automatic
Malfunction Event									



CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG  
AFFECTED EQUIPMENT: A-9 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check-Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare									
X Startup Event	11/16/22 06:58	11/16/22 07:00	0.03	0.17 hours	Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	11/16/2022	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	11/16/22 07:08	11/16/22 07:10	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	11/16/2022	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	11/16/22 07:10	11/16/22 07:12	0.03	0.13 hours	Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	11/16/2022	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	11/16/22 07:18	11/16/22 07:20	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	11/16/2022	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	11/16/22 11:30	11/16/22 11:32	0.03	0.07 hours	Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	11/16/2022	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	11/16/22 11:34	11/16/22 11:36	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	11/16/2022	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	11/16/22 11:50	11/16/22 11:52	0.03	44.60 hours	Flare shut down due to low temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	11/16/2022	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	11/18/22 08:26	11/18/22 08:28	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	11/18/2022	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	11/18/22 08:48	11/18/22 08:50	0.03	1,641.60 hours	Flare shut down to undergo refurbishment.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	11/18/2022	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	1/25/23 18:24	1/25/23 18:26	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	1/25/2023	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	1/25/23 19:34	1/25/23 19:36	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	1/25/2023	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	1/25/23 19:44	1/25/23 19:46	0.03	0.17 hours	Flare shut down to undergo testing.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	1/25/2023	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	1/25/23 19:52	1/25/23 19:54	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	1/25/2023	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	1/31/23 13:40	1/31/23 13:42	0.03	137.80 hours	Flare shut down to undergo testing.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	1/31/2023	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	1/31/23 14:00	1/31/23 14:02	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	1/31/2023	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	2/06/23 06:24	2/06/23 06:26	0.03	136.40 hours	Flare shutdown due to Ameresco LFG TE facility operation.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	2/6/2023	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	2/08/23 22:20	2/08/23 22:22	0.03	3.30 hours	Flare shut down due to flame failure.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	2/8/2023	Manual	
X Shutdown Event								Automatic	
Component: A-9 Flare									
X Startup Event	2/09/23 01:38	2/09/23 01:40	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	2/9/2023	Manual	
X Shutdown Event								Automatic	

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG  
AFFECTED EQUIPMENT: A-9 Flare

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2022 through March 31, 2023									
Identify Flare & Check-Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare									
X Startup Event	2/09/23 01:44	2/09/23 01:46	0.03	0.43 hours	Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	29/2/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/09/23 02:10	2/09/23 02:12	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	29/2/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/09/23 16:44	2/09/23 16:46	0.03	0.03 hours	Flare shut down due to inlet valve failure.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	29/2/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/09/23 16:46	2/09/23 16:48	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	29/2/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/09/23 17:02	2/09/23 17:04	0.03	0.07 hours	Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	29/2/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/09/23 17:06	2/09/23 17:08	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	29/2/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/09/23 17:12	2/09/23 17:14	0.03	0.03 hours	Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	29/2/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/09/23 17:14	2/09/23 17:16	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	29/2/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/09/23 17:36	2/09/23 17:38	0.03	0.33 hours	Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	29/2/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/09/23 17:56	2/09/23 17:58	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	29/2/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/10/23 14:46	2/10/23 14:48	0.03	114.67 hours	Flare shutdown due to Ameresco LFGTE facility restart.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	2/10/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/15/23 09:26	2/15/23 09:28	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	2/15/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	2/15/23 09:36	2/15/23 09:38	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	2/15/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	3/01/23 08:04	3/01/23 08:06	0.03	334.47 hours	Flare shutdown due to Ameresco LFGTE facility restart.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	3/1/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	3/01/23 08:08	3/01/23 08:10	0.03	0.10 hours	Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	3/1/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	3/01/23 08:14	3/01/23 08:16	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	3/1/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	3/01/23 08:32	3/01/23 08:34	0.03	166.63 hours	Flare shut down due to low temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	3/1/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	3/08/23 07:10	3/08/23 07:12	0.03	0.10 hours	Flare shut down due to high temperature.	113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	3/8/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	3/08/23 07:14	3/08/23 07:16	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	3/8/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare									
X Startup Event	3/08/23 07:20	3/08/23 07:22	0.03			113. Inspection and Maintenance 116. Well Raising 117. Gas Collection 118. Construction Activities	3/8/2023	Manual	
X Shutdown Event								Automatic	
Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG  
AFFECTED EQUIPMENT: A-9 Flare

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2022 through March 31, 2023								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-9 Flare								
X Startup Event	3/08/23 07:24	3/08/23 07:24	0.03	0.53 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection	3/8/2023	Manual
X Shutdown Event								Automatic
Component: A-9 Flare								
X Startup Event	3/08/23 07:54	3/08/23 07:56	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection	3/8/2023	Manual
X Shutdown Event								Automatic
Component: A-9 Flare								
X Startup Event	3/08/23 08:52	3/08/23 08:54	0.03	288.10 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection	3/8/2023	Manual
X Shutdown Event								Automatic
Component: A-9 Flare								
X Startup Event	3/20/23 10:00	3/20/23 10:00	0.03			113: Construction Activities 116: Well Raising 117: Gas Collection	3/20/2023	Manual
X Shutdown Event								Automatic
Component: A-9 Flare								
X Startup Event	3/20/23 10:02	3/20/23 10:04	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection	3/20/2023	Manual
X Shutdown Event								Automatic
Component: A-9 Flare								
X Startup Event	3/20/23 10:06	3/20/23 10:08	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection	3/20/2023	Manual
X Shutdown Event								Automatic
Component: A-9 Flare								
X Startup Event	3/20/23 10:30	3/20/23 10:32	0.03	0.07 hours	Flare shut down due to Ameresco LFGTE plant operation.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection	3/20/2023	Manual
X Shutdown Event								Automatic
Component: A-9 Flare								
X Startup Event	3/20/23 10:34	3/20/23 10:36	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection	3/20/2023	Manual
X Shutdown Event								Automatic
Component: A-9 Flare								
X Startup Event	3/20/23 12:48	3/20/23 12:50	0.03	275.20 hours	Flare shut down due to Ameresco LFGTE plant operation.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection	3/20/2023	Manual
X Shutdown Event								Automatic
Component: A-9 Flare								
X Startup Event						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection		Manual
X Shutdown Event								Automatic

TOTAL DOWNTIME HOURS: 4,214.47  
 TOTAL AVAILABLE HOURS: 4,368.00  
 TOTAL REPORTING PERIOD RUNTIME (HOURS): 153.53  
 RUNTIME PERCENTAGE: 3.51%

The A-9 Flare was offline at the beginning and end of the reporting period. For reporting purposes, the beginning and ending of the shutdown events are calculated as of October 1, 2022 at 00:00 and April 1, 2023 at 00:00, respectively.

**CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG**

**AFFECTED EQUIPMENT: IC Engines**

Completed By : Ameresco

Ox Mountain Landfill - Half Moon Bay, California						
SSMP REPORT - From October 1, 2022 through March 31, 2023						
Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/Time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
10/5/22 6:03	10/6/22 21:24	39.35	2	Unplanned	Line / Substation Maintenance	Replace, and Restart
10/5/22 6:03	10/6/22 21:47	39.73	1	Unplanned	Line / Substation Maintenance	Replace, and Restart
10/5/22 6:03	10/6/22 22:11	40.13	5	Unplanned	Line / Substation Maintenance	Restart Only
10/5/22 6:05	10/6/22 21:30	39.42	4	Unplanned	Line / Substation Maintenance	Restart Only
10/5/22 6:05	10/6/22 21:41	39.60	6	Unplanned	Line / Substation Maintenance	Restart Only
10/5/22 6:06	10/6/22 22:10	40.07	3	Unplanned	Line / Substation Maintenance	Restart Only
10/6/22 22:22	10/6/22 22:29	0.12	3	Unplanned	Engine	Repair, and Restart
10/7/22 10:46	10/7/22 13:43	2.95	4	Proactive	Engine	Replace, and Restart
10/8/22 2:53	10/8/22 7:42	4.82	5	Unplanned	Engine	Repair, and Restart
10/8/22 23:22	10/9/22 0:06	0.73	1	Unplanned	SCR / Catalyst / CEMS	Repair, Replace, and Restart
10/13/22 8:28	10/13/22 9:24	0.93	6	Unplanned	Engine	Replace, and Restart
10/18/22 9:55	10/18/22 14:40	4.75	5	Planned	Engine	Reconfigure, Replace, and Restart
10/18/22 15:43	10/18/22 16:18	0.58	1	Planned	Engine	Restart Only
10/19/22 7:53	10/19/22 17:54	10.02	3	Planned	Engine	Reconfigure, Replace, and Restart
10/19/22 18:02	10/19/22 19:52	1.83	1	Proactive	Generator	Replace, and Restart
10/20/22 9:43	10/20/22 10:22	0.65	4	Unplanned	Engine	Replace, and Restart
10/20/22 14:19	10/20/22 16:19	2.00	6	Unplanned	Oxygen Levels	Restart Only
10/20/22 14:19	10/20/22 16:46	2.45	4	Unplanned	Oxygen Levels	Restart Only
10/20/22 14:19	10/20/22 16:24	2.08	2	Unplanned	Oxygen Levels	Restart Only
10/20/22 14:20	10/20/22 16:31	2.18	3	Unplanned	Oxygen Levels	Restart Only
10/20/22 14:31	10/20/22 16:18	1.78	5	Unplanned	Oxygen Levels	Replace, and Restart
10/20/22 14:31	10/20/22 16:13	1.70	1	Unplanned	Oxygen Levels	Restart Only
10/21/22 9:02	10/21/22 10:01	0.98	4	Unplanned	Engine	Replace, and Restart
10/24/22 7:06	10/24/22 10:23	3.28	1	Unplanned	Engine	Replace, and Restart
10/28/22 6:45	10/28/22 7:49	1.07	6	Unplanned	Oxygen Levels	Restart Only
10/28/22 6:45	10/28/22 7:45	1.00	4	Unplanned	Oxygen Levels	Restart Only
10/28/22 6:45	10/28/22 7:53	1.13	5	Unplanned	Oxygen Levels	Restart Only
10/28/22 6:45	10/28/22 9:28	2.72	3	Unplanned	Oxygen Levels	Restart Only
10/28/22 6:45	10/28/22 9:50	3.08	1	Unplanned	Oxygen Levels	Reconfigure, and Restart
10/28/22 6:45	10/28/22 8:03	1.30	2	Unplanned	Oxygen Levels	Restart Only
10/31/22 8:22	10/31/22 8:37	0.25	6	Unplanned	Engine	Replace, and Restart
11/1/22 7:43	11/1/22 8:16	0.55	6	Unplanned	Engine	Replace, and Restart
11/4/22 11:14	11/4/22 13:15	2.02	1	Unplanned	Oxygen Levels	Restart Only
11/4/22 11:14	11/4/22 13:04	1.83	6	Unplanned	Oxygen Levels	Restart Only
11/4/22 11:14	11/4/22 13:42	2.47	4	Unplanned	Oxygen Levels	Restart Only
11/4/22 11:14	11/4/22 13:31	2.28	3	Unplanned	Oxygen Levels	Restart Only
11/4/22 11:14	11/4/22 13:48	2.57	5	Unplanned	Oxygen Levels	Restart Only
11/4/22 11:14	11/4/22 13:26	2.20	2	Unplanned	Oxygen Levels	Restart Only
11/5/22 16:14	11/5/22 17:52	1.63	3	Unplanned	Engine	Reconfigure, and Restart
11/6/22 20:16	11/6/22 21:02	0.77	1	Unplanned	Engine	Replace, and Restart
11/7/22 14:38	11/7/22 15:01	0.38	6	Unplanned	Oxygen Levels	Restart Only
11/7/22 14:44	11/7/22 15:24	0.67	4	Unplanned	Oxygen Levels	Restart Only
11/7/22 14:44	11/7/22 15:14	0.50	1	Unplanned	Oxygen Levels	Restart Only
11/7/22 14:44	11/7/22 16:15	1.52	3	Unplanned	Oxygen Levels	Restart Only

Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/Time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
11/7/22 14:44	11/7/22 15:26	0.70	5	Unplanned	Oxygen Levels	Restart Only
11/7/22 14:44	11/7/22 15:37	0.88	2	Unplanned	Oxygen Levels	Restart Only
11/8/22 12:04	11/8/22 17:39	5.58	1	Planned	Engine	Reconfigure, Replace, and Restart
11/9/22 7:54	11/9/22 18:30	10.60	4	Planned	Engine	Reconfigure, Replace, and Restart
11/9/22 18:41	11/9/22 19:02	0.35	4	Unplanned	Engine	Replace, and Restart
11/10/22 7:29	11/10/22 9:23	1.90	4	Planned	Engine	Repair, Reconfigure, and Restart
11/10/22 8:36	11/10/22 8:43	0.12	6	Unplanned	Oxygen Levels	Restart Only
11/10/22 9:41	11/10/22 10:43	1.03	4	Planned	Engine	Restart Only
11/10/22 10:54	11/10/22 11:44	0.83	5	Unplanned	Engine	Replace, and Restart
11/10/22 12:02	11/10/22 17:19	5.28	6	Planned	Engine	Reconfigure, Replace, and Restart
11/16/22 5:19	11/16/22 11:53	6.57	4	Unplanned	Electrical	Replace, and Restart
11/16/22 5:19	11/16/22 11:36	6.28	6	Unplanned	Electrical	Replace, and Restart
11/16/22 5:19	11/16/22 11:42	6.38	1	Unplanned	Electrical	Replace, and Restart
11/16/22 5:19	11/16/22 12:37	7.30	2	Unplanned	Electrical	Replace, and Restart
11/16/22 5:19	11/16/22 12:28	7.15	3	Unplanned	Electrical	Replace, and Restart
11/16/22 5:19	11/16/22 11:32	6.22	5	Unplanned	Electrical	Replace, and Restart
11/16/22 11:33	11/16/22 11:42	0.15	5	Unplanned	Engine	Restart Only
11/16/22 12:45	11/16/22 13:16	0.52	3	Unplanned	Engine	Reconfigure, and Restart
11/18/22 8:15	11/18/22 8:47	0.53	4	Unplanned	Oxygen Levels	Restart Only
11/18/22 8:15	11/18/22 8:36	0.35	6	Unplanned	Oxygen Levels	Restart Only
11/18/22 8:19	11/18/22 9:29	1.17	2	Unplanned	Oxygen Levels	Restart Only
11/18/22 8:19	11/18/22 8:37	0.30	1	Unplanned	Oxygen Levels	Restart Only
11/18/22 8:19	11/18/22 9:33	1.23	3	Unplanned	Oxygen Levels	Restart Only
11/18/22 8:19	11/18/22 8:42	0.38	5	Unplanned	Oxygen Levels	Restart Only
11/21/22 15:33	11/21/22 17:01	1.47	3	Proactive	Engine	Reconfigure, and Restart
11/22/22 9:54	11/22/22 10:34	0.67	6	Unplanned	Line / Substation Maintenance	Restart Only
11/22/22 9:56	11/22/22 10:45	0.82	5	Unplanned	Line / Substation Maintenance	Restart Only
11/22/22 9:56	11/22/22 10:42	0.77	4	Unplanned	Line / Substation Maintenance	Restart Only
11/22/22 9:57	11/22/22 10:36	0.65	3	Unplanned	Line / Substation Maintenance	Restart Only
11/22/22 9:57	11/22/22 11:17	1.33	2	Unplanned	Line / Substation Maintenance	Replace, and Restart
11/22/22 9:58	11/22/22 10:36	0.63	1	Unplanned	Line / Substation Maintenance	Restart Only
11/29/22 9:18	11/29/22 10:00	0.70	4	Unplanned	Engine	Replace, and Restart
11/29/22 18:29	11/29/22 19:48	1.32	5	Unplanned	Engine	Replace, and Restart
12/2/22 21:40	12/3/22 9:47	12.12	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/2/22 21:40	12/3/22 9:37	11.95	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/2/22 21:40	12/3/22 11:07	13.45	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/2/22 21:40	12/3/22 12:31	14.85	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/2/22 21:40	12/3/22 13:23	15.72	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/2/22 21:40	12/3/22 13:37	15.95	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/3/22 13:37	12/4/22 5:33	15.93	2	Unplanned	Engine	Reconfigure, Replace, and Restart
12/7/22 10:23	12/7/22 14:11	3.80	2	Planned	Engine	Reconfigure, Replace, and Restart
12/11/22 11:42	12/11/22 12:20	0.63	6	Unplanned	Engine	Repair, and Restart
12/16/22 13:24	12/16/22 13:51	0.45	6	Proactive	Engine	Replace, and Restart
12/21/22 22:08	12/21/22 23:02	0.90	5	Unplanned	Engine	Replace, and Restart
12/22/22 0:09	12/22/22 1:08	0.98	5	Unplanned	Engine	Replace, and Restart
12/23/22 12:33	12/23/22 13:24	0.85	5	Unplanned	Engine	Replace, and Restart
12/23/22 19:55	12/23/22 21:25	1.50	3	Unplanned	Engine	Replace, and Restart
12/24/22 13:55	12/24/22 14:22	0.45	4	Unplanned	Other	Restart Only
12/24/22 13:55	12/24/22 14:12	0.28	6	Unplanned	Other	Restart Only
12/24/22 13:55	12/24/22 14:38	0.72	2	Unplanned	Other	Restart Only
12/24/22 13:55	12/24/22 14:33	0.63	3	Unplanned	Other	Restart Only
12/24/22 13:55	12/24/22 14:26	0.52	1	Unplanned	Other	Restart Only

Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/Time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
12/24/22 13:55	12/24/22 14:42	0.78	5	Unplanned	Other	Restart Only
12/25/22 16:29	12/25/22 17:03	0.57	3	Proactive	Engine	Replace, and Restart
12/27/22 3:29	12/27/22 8:01	4.53	4	Unplanned	Valves	Repair, and Restart
12/27/22 3:29	12/27/22 8:17	4.80	6	Unplanned	Valves	Repair, and Restart
12/27/22 3:29	12/27/22 8:11	4.70	3	Unplanned	Valves	Repair, and Restart
12/27/22 3:29	12/27/22 7:49	4.33	1	Unplanned	Valves	Repair, and Restart
12/27/22 3:29	12/27/22 8:59	5.50	2	Unplanned	Valves	Repair, and Restart
12/27/22 3:29	12/27/22 8:18	4.82	5	Unplanned	Valves	Repair, and Restart
12/27/22 15:16	12/27/22 17:44	2.47	4	Unplanned	Valves	Replace, and Restart
12/27/22 15:16	12/27/22 17:37	2.35	6	Unplanned	Valves	Replace, and Restart
12/27/22 15:16	12/27/22 17:52	2.60	3	Unplanned	Valves	Replace, and Restart
12/27/22 15:16	12/27/22 17:55	2.65	2	Unplanned	Valves	Replace, and Restart
12/27/22 15:16	12/27/22 17:50	2.57	1	Unplanned	Valves	Replace, and Restart
12/27/22 15:16	12/27/22 17:43	2.45	5	Unplanned	Valves	Replace, and Restart
12/29/22 8:37	12/30/22 0:10	15.55	2	Unplanned	Engine	Repair, Replace, and Restart
12/30/22 0:10	12/30/22 15:42	15.53	2	Unplanned	Engine	Repair, Replace, and Restart
12/31/22 10:38	12/31/22 14:52	4.23	4	Unplanned	Valves	Repair, and Restart
12/31/22 10:38	12/31/22 15:17	3.95	6	Unplanned	Valves	Repair, and Restart
12/31/22 10:38	12/31/22 14:35	4.65	3	Unplanned	Valves	Repair, and Restart
12/31/22 10:38	12/31/22 14:55	4.28	5	Unplanned	Valves	Repair, and Restart
12/31/22 10:38	12/31/22 14:47	4.15	1	Unplanned	Valves	Repair, and Restart
12/31/22 10:38	12/31/22 15:04	4.43	2	Unplanned	Valves	Repair, and Restart
12/31/22 15:26	12/31/22 15:36	0.17	3	Unplanned	Engine	Repair, and Restart
1/1/23 3:21	1/1/23 7:32	4.18	4	Unplanned	Valves	Repair, and Restart
1/1/23 3:21	1/1/23 7:23	4.03	6	Unplanned	Valves	Repair, and Restart
1/1/23 3:21	1/1/23 7:48	4.45	2	Unplanned	Valves	Repair, and Restart
1/1/23 3:21	1/1/23 7:37	4.27	5	Unplanned	Valves	Repair, and Restart
1/1/23 3:21	1/1/23 7:28	4.12	1	Unplanned	Valves	Repair, and Restart
1/1/23 3:21	1/1/23 7:30	4.15	3	Unplanned	Valves	Repair, and Restart
1/3/23 2:51	1/3/23 3:57	1.10	1	Unplanned	Engine	Replace, and Restart
1/3/23 11:07	1/3/23 11:20	0.22	4	Unplanned	Engine	Replace, and Restart
1/3/23 11:22	1/3/23 11:42	0.33	4	Unplanned	Engine	Replace, and Restart
1/3/23 16:39	1/3/23 17:21	0.70	1	Unplanned	Engine	Replace, and Restart
1/3/23 18:39	1/3/23 20:32	1.88	1	Unplanned	Engine	Replace, and Restart
1/4/23 7:57	1/4/23 8:56	0.98	4	Unplanned	Building / HVAC	Restart Only
1/4/23 7:57	1/4/23 9:11	1.23	6	Unplanned	Building / HVAC	Restart Only
1/4/23 7:57	1/4/23 9:02	1.08	1	Unplanned	Building / HVAC	Restart Only
1/4/23 7:57	1/4/23 9:08	1.18	5	Unplanned	Building / HVAC	Restart Only
1/4/23 7:57	1/4/23 9:09	1.20	2	Unplanned	Building / HVAC	Restart Only
1/4/23 7:57	1/4/23 8:59	1.03	3	Unplanned	Building / HVAC	Restart Only
1/4/23 9:09	1/4/23 9:56	0.78	4	Unplanned	Engine	Restart Only
1/4/23 9:58	1/4/23 10:14	0.27	4	Unplanned	Engine	Restart Only
1/7/23 7:23	1/7/23 9:47	2.40	5	Unplanned	Engine	Restart Only
1/9/23 4:20	1/9/23 5:57	1.62	6	Unplanned	Engine	Replace, and Restart
1/11/23 8:37	1/11/23 9:12	0.58	6	Unplanned	Engine	Replace, and Restart
1/11/23 9:18	1/11/23 9:27	0.15	6	Unplanned	Engine	Restart Only
1/12/23 8:43	1/12/23 8:53	0.17	1	Unplanned	Engine	Restart Only
1/12/23 9:27	1/12/23 17:12	7.75	5	Planned	Engine	Replace, and Restart
1/12/23 9:28	1/12/23 12:37	3.15	6	Proactive	Other	Reconfigure, and Restart
1/12/23 9:29	1/12/23 12:38	3.15	3	Proactive	Other	Reconfigure, and Restart
1/12/23 9:29	1/12/23 13:02	3.55	2	Proactive	Other	Reconfigure, and Restart
1/12/23 9:30	1/12/23 12:42	3.20	1	Proactive	Other	Reconfigure, and Restart

Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/Time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
1/12/23 9:30	1/12/23 12:44	3.23	4	Proactive	Other	Reconfigure, and Restart
1/12/23 12:46	1/12/23 12:58	0.20	4	Unplanned	Engine	Restart Only
1/12/23 22:41	1/12/23 23:19	0.63	6	Unplanned	Engine	Replace, and Restart
1/14/23 0:10	1/14/23 1:10	1.00	4	Unplanned	Engine	Restart Only
1/14/23 1:21	1/14/23 2:23	1.03	4	Unplanned	Engine	Restart Only
1/14/23 2:34	1/14/23 3:00	0.43	4	Unplanned	Engine	Restart Only
1/14/23 3:02	1/14/23 3:19	0.28	4	Unplanned	Engine	Restart Only
1/14/23 3:36	1/14/23 3:44	0.13	4	Unplanned	Engine	Restart Only
1/14/23 3:48	1/14/23 4:13	0.42	4	Unplanned	Engine	Replace, and Restart
1/14/23 19:45	1/14/23 22:31	2.77	4	Unplanned	Oxygen Levels	Restart Only
1/14/23 19:45	1/14/23 22:02	2.28	6	Unplanned	Oxygen Levels	Restart Only
1/14/23 19:45	1/15/23 8:40	12.92	2	Unplanned	Oxygen Levels	Restart Only
1/14/23 19:45	1/15/23 7:58	12.22	1	Unplanned	Oxygen Levels	Restart Only
1/14/23 19:45	1/14/23 22:56	3.18	5	Unplanned	Oxygen Levels	Restart Only
1/14/23 19:45	1/14/23 22:17	2.53	3	Unplanned	Oxygen Levels	Restart Only
1/14/23 22:42	1/14/23 23:16	0.57	6	Unplanned	Engine	Replace, and Restart
1/14/23 23:20	1/15/23 7:48	8.47	4	Unplanned	Oxygen Levels	Restart Only
1/14/23 23:20	1/15/23 7:36	8.27	6	Unplanned	Oxygen Levels	Restart Only
1/14/23 23:20	1/15/23 7:43	8.38	5	Unplanned	Oxygen Levels	Restart Only
1/14/23 23:20	1/15/23 8:04	8.73	3	Unplanned	Oxygen Levels	Restart Only
1/16/23 2:30	1/16/23 8:57	6.45	4	Unplanned	Oxygen Levels	Restart Only
1/16/23 2:30	1/16/23 9:02	6.53	2	Unplanned	Oxygen Levels	Restart Only
1/16/23 2:30	1/16/23 8:55	6.42	6	Unplanned	Oxygen Levels	Restart Only
1/16/23 2:30	1/16/23 9:05	6.58	1	Unplanned	Oxygen Levels	Restart Only
1/16/23 2:30	1/16/23 9:24	6.90	3	Unplanned	Oxygen Levels	Restart Only
1/16/23 2:30	1/16/23 9:00	6.50	5	Unplanned	Oxygen Levels	Restart Only
1/16/23 9:26	1/16/23 9:34	0.13	6	Unplanned	Engine	Replace, and Restart
1/16/23 9:31	1/16/23 9:41	0.17	3	Unplanned	Engine	Restart Only
1/16/23 9:35	1/16/23 9:44	0.15	6	Unplanned	Engine	Restart Only
1/16/23 9:48	1/16/23 9:57	0.15	3	Unplanned	Engine	Restart Only
1/16/23 9:57	1/16/23 10:04	0.12	6	Unplanned	Engine	Replace, and Restart
1/17/23 13:11	1/17/23 13:42	0.52	6	Proactive	Engine	Replace, and Restart
1/18/23 10:06	1/18/23 16:14	6.13	3	Planned	Engine	Reconfigure, Replace, and Restart
1/18/23 19:39	1/18/23 21:28	1.82	3	Unplanned	Engine	Reconfigure, and Restart
1/22/23 23:17	1/22/23 0:02	0.75	3	Unplanned	Engine	Restart Only
1/22/23 1:16	1/22/23 8:56	7.67	3	Unplanned	Engine	Reconfigure, and Restart
1/22/23 13:40	1/22/23 17:18	3.63	3	Unplanned	Engine	Replace, and Restart
1/23/23 9:00	1/23/23 9:55	0.92	2	Proactive	Engine	Replace, and Restart
1/23/23 23:17	1/24/23 1:26	2.15	3	Unplanned	Engine	Reconfigure, and Restart
1/24/23 1:32	1/24/23 9:04	7.53	3	Unplanned	Engine	Restart Only
1/24/23 9:13	1/24/23 10:23	1.17	4	Proactive	Engine	Replace, and Restart
1/24/23 15:17	1/24/23 16:36	1.32	3	Unplanned	Engine	Restart Only
1/25/23 4:21	1/25/23 8:14	3.88	5	Unplanned	Engine	Replace, and Restart
1/25/23 8:09	1/25/23 12:14	4.08	1	Unplanned	Engine	Replace, and Restart
1/28/23 20:15	1/28/23 22:25	2.17	2	Unplanned	Engine	Replace, and Restart
1/29/23 1:24	1/29/23 7:57	6.55	1	Unplanned	Engine	Replace, and Restart
1/31/23 12:53	1/31/23 14:40	1.78	3	Unplanned	Engine	Replace, and Restart
2/1/23 8:20	2/1/23 19:06	10.77	1	Planned	Engine	Reconfigure, Replace, and Restart
2/1/23 9:53	2/1/23 10:34	0.68	6	Unplanned	Engine	Reconfigure, and Restart
2/1/23 19:30	2/1/23 19:49	0.32	1	Unplanned	Engine	Restart Only
2/3/23 13:11	2/3/23 13:53	0.70	2	Proactive	Engine	Replace, and Restart
2/6/23 6:16	2/10/23 14:39	104.38	2	Planned	Electrical	Replace, and Restart

Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/Time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
2/6/23 6:16	2/10/23 13:34	103.30	1	Planned	Electrical	Replace, and Restart
2/6/23 6:16	2/10/23 17:03	106.78	3	Planned	Electrical	Replace, and Restart
2/6/23 6:16	2/10/23 14:00	103.73	5	Planned	Electrical	Replace, and Restart
2/6/23 6:18	2/10/23 16:57	106.65	4	Planned	Electrical	Replace, and Restart
2/6/23 6:18	2/10/23 13:09	102.85	6	Planned	Electrical	Replace, and Restart
2/10/23 13:37	2/10/23 13:47	0.17	1	Unplanned	Engine	Restart Only
2/12/23 9:14	2/12/23 10:00	0.77	3	Unplanned	Engine	Replace, and Restart
2/12/23 10:07	2/12/23 10:16	0.15	1	Proactive	Engine	Reconfigure, Replace, and Restart
2/12/23 19:10	2/12/23 19:52	0.70	3	Unplanned	Engine	Replace, and Restart
2/13/23 9:07	2/13/23 10:23	1.27	1	Unplanned	Engine	Reconfigure, Replace, and Restart
2/13/23 10:41	2/13/23 11:21	0.67	3	Unplanned	Engine	Replace, and Restart
2/13/23 14:56	2/13/23 15:28	0.53	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
2/13/23 20:31	2/13/23 22:32	2.02	1	Unplanned	Engine	Replace, and Restart
2/14/23 6:17	2/14/23 7:53	1.60	4	Unplanned	Engine	Replace, and Restart
2/14/23 7:55	2/14/23 8:04	0.15	4	Unplanned	Engine	Restart Only
2/14/23 8:49	2/14/23 9:31	0.70	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
2/14/23 10:29	2/14/23 11:04	0.58	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
2/15/23 8:15	2/15/23 18:19	10.07	6	Planned	Engine	Reconfigure, Replace, and Restart
2/15/23 8:31	2/15/23 10:04	1.55	3	Unplanned	Engine	Reconfigure, and Restart
2/15/23 8:57	2/15/23 9:43	0.77	4	Unplanned	Other	Reconfigure, and Restart
2/15/23 8:57	2/15/23 9:46	0.82	1	Unplanned	Other	Reconfigure, and Restart
2/15/23 8:57	2/15/23 9:40	0.72	5	Unplanned	Other	Reconfigure, and Restart
2/15/23 8:57	2/15/23 9:49	0.87	2	Unplanned	Other	Reconfigure, and Restart
2/15/23 18:46	2/15/23 18:55	0.15	5	Unplanned	Engine	Reconfigure, and Restart
2/15/23 21:53	2/16/23 6:44	8.85	3	Unplanned	Engine	Restart Only
2/16/23 6:47	2/16/23 7:33	0.77	3	Unplanned	Engine	Reconfigure, and Restart
2/16/23 7:40	2/16/23 8:07	0.45	3	Unplanned	Electrical	Reconfigure, and Restart
2/16/23 11:36	2/16/23 15:03	3.45	1	Proactive	SCR / Catalyst / CEMS	Replace, and Restart
2/16/23 15:40	2/16/23 15:57	0.28	1	Proactive	SCR / Catalyst / CEMS	Restart Only
2/16/23 15:59	2/16/23 16:38	0.65	1	Unplanned	Engine	Reconfigure, and Restart
2/16/23 17:38	2/16/23 17:48	0.17	1	Unplanned	Engine	Reconfigure, and Restart
2/17/23 23:51	2/18/23 0:26	0.58	4	Unplanned	Engine	Replace, and Restart
2/20/23 11:36	2/20/23 12:05	0.48	5	Unplanned	Engine	Replace, and Restart
2/20/23 19:20	2/20/23 20:04	0.73	5	Unplanned	Engine	Replace, and Restart
2/20/23 20:14	2/20/23 20:33	0.32	5	Unplanned	Engine	Restart Only
2/20/23 20:38	2/20/23 21:09	0.52	5	Unplanned	Engine	Reconfigure, and Restart
2/21/23 10:34	2/21/23 11:24	0.83	5	Unplanned	Engine	Replace, and Restart
2/21/23 11:30	2/21/23 11:58	0.47	5	Unplanned	Engine	Reconfigure, and Restart
2/22/23 4:07	2/22/23 5:13	1.10	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
2/22/23 9:15	2/22/23 18:31	9.27	4	Planned	Engine	Repair, Reconfigure, Replace, and Restart
2/22/23 20:32	2/22/23 21:23	0.85	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
2/22/23 22:18	2/23/23 12:11	13.88	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
2/23/23 12:22	2/23/23 12:37	0.25	1	Unplanned	SCR / Catalyst / CEMS	Restart Only
2/23/23 14:02	2/23/23 15:04	1.03	1	Unplanned	SCR / Catalyst / CEMS	Repair, Replace, and Restart
2/23/23 15:11	2/23/23 15:35	0.40	1	Unplanned	Engine	Replace, and Restart
2/23/23 21:04	2/23/23 22:10	1.10	1	Unplanned	Engine	Replace, and Restart
2/24/23 0:49	2/24/23 6:31	5.70	1	Unplanned	SCR / Catalyst / CEMS	Restart Only
2/25/23 10:57	2/25/23 13:30	2.55	6	Unplanned	Engine	Replace, and Restart
2/25/23 18:02	2/25/23 18:45	0.72	1	Unplanned	Engine	Replace, and Restart
2/25/23 20:47	2/25/23 21:44	0.95	5	Unplanned	Engine	Replace, and Restart
2/26/23 16:20	2/26/23 17:09	0.82	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
2/27/23 7:39	2/27/23 9:05	1.43	3	Unplanned	Engine	Replace, and Restart



Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/Time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
2/27/23 11:19	2/27/23 11:51	0.53	3	Unplanned	Engine	Replace, and Restart
2/27/23 11:58	2/27/23 12:13	0.25	3	Unplanned	Engine	Replace, and Restart
2/27/23 13:10	2/27/23 13:45	0.58	3	Unplanned	Engine	Reconfigure, Replace, and Restart
2/27/23 14:41	2/27/23 14:53	0.20	3	Unplanned	Engine	Restart Only
2/27/23 14:56	2/27/23 15:45	0.82	3	Unplanned	Engine	Reconfigure, and Restart
2/28/23 1:17	2/28/23 1:57	0.67	1	Unplanned	Engine	Replace, and Restart
2/28/23 10:31	2/28/23 11:52	1.35	1	Unplanned	Engine	Replace, and Restart
2/28/23 16:53	2/28/23 18:32	1.65	2	Unplanned	Engine	Replace, and Restart
2/28/23 18:35	2/28/23 18:43	0.13	2	Unplanned	Engine	Restart Only
2/28/23 18:46	2/28/23 19:27	0.68	2	Unplanned	Engine	Replace, and Restart
3/1/23 6:13	3/1/23 8:52	2.65	6	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
3/1/23 6:13	3/1/23 8:33	2.33	4	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
3/1/23 6:13	3/1/23 8:25	2.20	1	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
3/1/23 6:13	3/1/23 8:36	2.38	5	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
3/1/23 6:13	3/1/23 8:29	2.37	3	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
3/1/23 6:13	3/1/23 8:59	2.77	2	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
3/2/23 13:30	3/2/23 14:16	0.77	6	Unplanned	Engine	Replace, and Restart
3/2/23 14:18	3/2/23 14:36	0.30	6	Unplanned	Engine	Replace, and Restart
3/4/23 13:55	3/4/23 15:48	1.88	6	Unplanned	Engine	Replace, and Restart
3/4/23 15:50	3/4/23 16:15	0.42	6	Unplanned	Engine	Reconfigure, and Restart
3/4/23 16:17	3/4/23 16:51	0.57	6	Unplanned	Engine	Restart Only
3/4/23 16:53	3/4/23 17:20	0.45	6	Unplanned	Engine	Repair, and Restart
3/4/23 17:22	3/30/23 18:11	624.82	6	Unplanned	Engine	Reconfigure, Replace, and Restart
3/9/23 14:42	3/9/23 17:40	2.97	3	Unplanned	Engine	Replace, and Restart
3/9/23 17:44	3/9/23 18:28	0.73	3	Unplanned	Engine	Replace, and Restart
3/12/23 20:03	3/12/23 21:22	1.32	5	Unplanned	Engine	Replace, and Restart
3/12/23 21:26	3/12/23 21:42	0.27	5	Unplanned	Engine	Replace, and Restart
3/12/23 21:45	3/12/23 21:58	0.22	5	Unplanned	Engine	Replace, and Restart
3/12/23 22:59	3/13/23 0:53	1.90	5	Unplanned	Engine	Replace, and Restart
3/20/23 9:52	3/20/23 11:56	2.07	2	Planned	TSA / H2S / Siloxane Removal	Restart Only
3/20/23 9:52	3/20/23 11:30	1.63	1	Planned	TSA / H2S / Siloxane Removal	Restart Only
3/20/23 9:52	3/20/23 11:44	1.87	5	Planned	TSA / H2S / Siloxane Removal	Restart Only
3/20/23 9:52	3/20/23 11:51	1.98	3	Planned	TSA / H2S / Siloxane Removal	Restart Only
3/20/23 9:54	3/20/23 11:37	1.72	4	Planned	TSA / H2S / Siloxane Removal	Restart Only
3/21/23 1:02	3/21/23 1:38	0.60	2	Unplanned	Engine	Replace, and Restart
3/21/23 16:34	3/21/23 17:18	0.73	3	Unplanned	Engine	Reconfigure, and Restart
3/22/23 5:59	3/22/23 8:17	2.30	3	Unplanned	Engine	Reconfigure, and Restart
3/25/23 8:39	3/25/23 9:53	1.23	4	Unplanned	Oxygen Levels	Restart Only
3/25/23 8:39	3/25/23 10:06	1.45	1	Unplanned	Oxygen Levels	Restart Only
3/25/23 8:39	3/25/23 10:09	1.50	2	Unplanned	Oxygen Levels	Restart Only
3/25/23 8:39	3/25/23 10:13	1.57	3	Unplanned	Oxygen Levels	Restart Only
3/25/23 8:39	3/25/23 9:59	1.33	5	Unplanned	Oxygen Levels	Restart Only
3/27/23 8:06	3/27/23 8:48	0.70	3	Unplanned	Engine	Replace, and Restart
3/27/23 10:20	3/27/23 14:17	3.95	3	Unplanned	Engine	Restart Only
3/30/23 6:53	3/30/23 17:23	10.50	2	Unplanned	Oxygen Levels	Restart Only
3/30/23 6:53	3/30/23 17:20	10.45	1	Unplanned	Oxygen Levels	Restart Only
3/30/23 6:53	3/30/23 17:33	10.67	5	Unplanned	Oxygen Levels	Restart Only

Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/Time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
3/30/23 6:53	3/30/23 17:31	10.63	3	Unplanned	Oxygen Levels	Restart Only
3/30/23 6:55	3/30/23 17:28	10.55	4	Unplanned	Oxygen Levels	Restart Only
3/30/23 20:44	3/30/23 21:07	0.38	6	Unplanned	Engine	Replace, and Restart
3/31/23 11:52	3/31/23 12:19	0.45	5	Unplanned	Engine	Restart Only

TSA = Thermal Swing Adsorber

H2S = Hydrogen Sulfide

SCR = Selective Catalytic Reducer

HVAC = Heating, Ventilation, and Air Conditioning

BOP = Blowout Preventer

## APPENDIX E

### GCCS DOWNTIME

Emission Control Devices  
Gas Collection and Control System (GCCS) Downtime Summary

Ox Mountain Landfill, Half Moon Bay, CA GCCS Downtime Report Period October 1, 2022 through March 31, 2023				
SHUTDOWN DATE/TIME	START-UP DATE/TIME	TOTAL DOWNTIME (hours)	COMMENTS OR REASONS	ACTION TAKEN
10/5/22 6:22	10/5/22 6:28	0.10	The Ameresco landfill gas to energy (LFGTE) facility operation was shut down due to Line/Substation Maintenance. The A-7 Flare was shut down due to high temperature. The A-9 Flare was shut down due to Ameresco LFGTE facility operation.	The A-7 Flare was started up.
10/5/22 6:54	10/5/22 7:06	0.20	The Ameresco LFGTE facility operation was shut down due to Line/Substation Maintenance. The A-7 Flare was shut down due to high temperature. The A-9 Flare was shut down due to Ameresco LFGTE facility operation.	The A-7 Flare was started up.
10/5/22 7:32	10/5/22 7:50	0.30	The Ameresco LFGTE facility operation was shut down due to Line/Substation Maintenance. The A-7 Flare was shut down due to high temperature. The A-9 Flare was shut down due to Ameresco LFGTE facility operation and high temperature.	The A-7 Flare was started up.
10/28/22 6:45	10/28/22 7:30	0.75	The Ameresco LFGTE facility operation was shut down due to flame failure. The A-7 Flare was shut down due to flame failure. The A-9 Flare was shut down due to low temperature.	The A-7 Flare was started up.
10/28/22 7:32	10/28/22 7:45	0.22	The Ameresco LFGTE facility operation was shut down due to oxygen levels. The A-7 Flare was shut down due to flame failure. The A-9 Flare was shut down due to low temperature.	The Ameresco LFGTE facility was started up.
11/4/22 11:38	11/4/22 11:52	0.23	The Ameresco LFGTE facility operation was shut down due to oxygen levels. A-7 Flare was shut down due to high temperature. A-9 Flare was shut down due to low temperature.	The A-7 Flare was started up.
11/7/22 14:58	11/7/22 15:01	0.05	The Ameresco LFGTE facility operation was shut down due to flame failure. The A-9 Flare was shut down due to flame failure. The A-9 Flare was shut down due to Ameresco LFGTE operation.	The Ameresco LFGTE facility was started up.
11/16/22 5:40	11/16/22 6:10	0.50	The Ameresco LFGTE facility operation was shut down due to electrical maintenance. The A-7 Flare was shut down due to high temperature. The A-9 Flare was shut down due to high temperature.	The A-9 Flare was started up.
11/16/22 6:16	11/16/22 6:34	0.30	The Ameresco LFGTE facility operation was shut down due to electrical maintenance. The A-7 Flare was shut down due to high temperature. The A-9 Flare was shut down due to high temperature.	The A-9 Flare was started up.
11/16/22 6:38	11/16/22 6:48	0.17	The Ameresco LFGTE facility operation was shut down due to electrical maintenance. The A-7 Flare was shut down due to high temperature. The A-9 Flare was shut down due to high temperature.	The A-9 Flare was started up.
11/16/22 6:50	11/16/22 6:56	0.10	The Ameresco LFGTE facility operation was shut down due to electrical maintenance. The A-7 Flare was shut down due to high temperature. The A-9 Flare was shut down due to high temperature.	The A-9 Flare was started up.
11/16/22 6:58	11/16/22 7:08	0.17	The Ameresco LFGTE facility operation was shut down due to electrical maintenance. The A-7 Flare was shut down due to high temperature. The A-9 Flare was shut down due to high temperature.	The A-7 Flare was started up.
12/2/22 22:02	12/2/22 22:38	0.60	The Ameresco LFGTE facility operation was shut down due to TSA-H2S/Siloxane removal. The A-7 Flare was shut down due to high temperature. As of November 21, 2022 at 8:30 AM the A-9 Flare was removed from service and is undergoing refurbishment.	The A-7 Flare was started up.
12/27/22 3:52	12/27/22 4:34	0.70	The Ameresco LFGTE facility operation was shut down due to other reasons. The A-7 Flare was shut down due to high temperature. As of November 21, 2022 at 8:30 AM the A-9 Flare was removed from service and is undergoing refurbishment.	The A-7 Flare was started up.
12/27/22 15:40	12/27/22 16:12	0.53	The Ameresco LFGTE facility operation was shut down due to valve issues. The A-7 Flare was shut down due to high temperature. As of November 21, 2022 at 8:30 AM the A-9 Flare was removed from service and is undergoing refurbishment.	The A-7 Flare was started up.
12/31/22 11:02	12/31/22 14:20	3.30	The Ameresco LFGTE facility operation was shut down due to valve issues. The A-7 Flare was shut down due to high temperature. As of November 21, 2022 at 8:30 AM the A-9 Flare was removed from service and is undergoing refurbishment.	The A-7 Flare was started up.
1/1/23 3:44	1/1/23 4:52	1.13	The Ameresco LFGTE facility operation was shut down due to valve issues. The A-7 Flare was shut down due to high temperature. As of November 21, 2022 at 8:30 AM the A-9 Flare was removed from service and is undergoing refurbishment.	The A-7 Flare was started up.
1/14/23 19:45	1/14/23 22:02	2.28	The Ameresco LFGTE facility operation was shut down due to flame failure. The A-7 Flare was shut down due to flame failure. As of November 21, 2022 at 6:30 AM the A-9 Flare was removed from service and is undergoing refurbishment.	The Ameresco LFGTE facility was started up.
1/14/23 23:20	1/15/23 7:28	8.13	The Ameresco LFGTE facility operation was shut down due to high oxygen levels. The A-7 Flare was shut down due to flame failure. As of November 21, 2022 at 8:30 AM the A-9 Flare was removed from service and is undergoing refurbishment.	The A-7 Flare was started up.
1/16/23 2:30	1/16/23 7:30	5.00	The Ameresco LFGTE facility operation was shut down due to high oxygen levels. The A-7 Flare was shut down due to flame failure. As of November 21, 2022 at 6:30 AM the A-9 Flare was removed from service and is undergoing refurbishment.	The A-7 Flare was started up.

**Emission Control Devices  
Gas Collection and Control System (GCCS) Downtime Summary**

**Ox Mountain Landfill, Half Moon Bay, CA  
GCCS Downtime Report Period October 1, 2022 through March 31, 2023**

SHUTDOWN DATE/TIME	START-UP DATE/TIME	TOTAL DOWNTIME (hours)	COMMENTS OR REASONS	ACTION TAKEN
2/8/23 22:36	2/8/23 23:06	0.50	The Ameresco LFGTE facility operation was shut down due to a electrical issue. The A-7 Flare was shut down due to low temperature. The A-9 Flare was shut down due to high temperature.	The A-7 Flare was started up.
2/9/23 1:44	2/9/23 1:50	0.10	The Ameresco LFGTE facility operation was shut down due to a electrical issue. The A-7 Flare was shut down due to low temperature. The A-9 Flare was shut down due to high temperature.	The A-7 Flare was started up.
2/9/23 17:12	2/9/23 17:14	0.03	The Ameresco LFGTE facility operation was shut down due to a electrical issue. The A-7 Flare was shut down due to low temperature. The A-9 Flare was shut down due to high temperature.	The A-9 Flare was started up.
3/1/23 6:13	3/1/23 7:10	0.95	The Ameresco LFGTE facility operation was shut down due to TSA / H2S / Siloxane removal. The A-7 Flare was shut down due to low temperature. The A-9 flare was offline due to Ameresco LFGTE facility operation.	The A-7 Flare was started up.
3/1/23 8:08	3/1/23 8:14	0.10	The Ameresco LFGTE facility operation was shut down due to TSA / H2S / Siloxane removal. The A-7 Flare was shut down due to low temperature. The A-9 flare was offline due to Ameresco LFGTE facility operation.	The A-9 Flare was started up.
3/20/23 9:52	3/20/23 9:58	0.10	The Ameresco LFGTE facility operation was shut down due to TSA / H2S / Siloxane removal. The A-7 Flare was shut down due to low temperature. The A-9 flare was offline due to Ameresco LFGTE facility operation.	The A-9 Flare was started up.
3/20/23 10:02	3/20/23 10:06	0.07	The Ameresco LFGTE facility operation was shut down due to TSA / H2S / Siloxane removal. The A-7 Flare was shut down due to low temperature. The A-9 flare was offline due to Ameresco LFGTE facility operation.	The A-9 Flare was started up.
3/20/23 10:30	3/20/23 10:34	0.07	The Ameresco LFGTE facility operation was shut down due to TSA / H2S / Siloxane removal. The A-7 Flare was shut down due to low temperature. The A-9 flare was offline due to Ameresco LFGTE facility operation.	The A-9 Flare was started up.
3/25/23 8:44	3/25/23 8:58	0.23	The Ameresco LFGTE facility operation was shut down due to high oxygen levels. The A-7 Flare was shut down due to low temperature. The A-9 flare was offline due to Ameresco LFGTE facility operation.	The A-7 Flare was started up.
3/30/23 7:18	3/30/23 7:26	0.13	The Ameresco LFGTE facility operation was shut down due to high oxygen levels. The A-7 Flare was shut down due to low temperature. The A-9 flare was offline due to Ameresco LFGTE facility operation.	The A-7 Flare was started up.

<b>Combined Emission Control Devices</b>	
OCTOBER 1, 2022 THROUGH MARCH 31, 2023 TOTAL DOWNTIME (HOURS):	27.05
2022 TOTAL DOWNTIME (HOURS):	17.05
2023 TOTAL DOWNTIME (HOURS):	18.83
TOTAL PERMITTED DOWNTIME (HOURS):	240
2022 DOWNTIME PERCENT OF 240 HOURS:	7.10%
2023 DOWNTIME PERCENT OF 240 HOURS:	7.85%

Notes: 1- GCCS Downtime is when all emission control devices are not operating.

## **APPENDIX F**

### **FLARE FLOW AND TEMPERATURE DEVIATION/INOPERATIVE MONITORING/MISSING DATA REPORTS**

**Ox Mountain Landfill, Half Moon Bay, California  
A-7 FLARE TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT OCTOBER 1, 2022 THROUGH MARCH 31, 2023**

**REPORT PREPARED BY:** Tetra Tech  
**TEMPERATURE SENSING DEVICE:** Thermocouple

**DATE:** April 1, 2023  
**MODEL:** Thermo-Electric

START DATE & TIME	END DATE & TIME	TEMP (°F) / FLOW	CAUSE	EXPLANATION	ACTION TAKEN
No deviations or inoperative monitors were reported during the October 1, 2022 through March 31, 2023 Reporting Period.					
<p><b>COMMENTS:</b></p> <ol style="list-style-type: none"> <li>1 In accordance with Title V Permit Condition Number 10164, Part 23(a), the A-7 Flare combustion zone 3-hour average temperature did not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation.</li> <li>2 The A-7 Flare combustion zone 3-hour average temperature did not drop below the 1,492°F limit (source test temperature minus 50 degrees) established during the August 6, 2021 annual source test or below the 1,454°F limit (source test temperature minus 50 degrees) established during the July 22, 2022 source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 23, and 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) in Subpart WWW of the New Source Performance Standard (NSPS).</li> <li>3 As of March 31, 2016, Republic Services, Inc. (RSI) will only consider Title V Permit Condition Number 10164, Part 23(b) as referred to in comment 1 above, a deviation.</li> </ol>					

**Ox Mountain Landfill, Half Moon Bay, California**  
**A-8 FLARE TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT OCTOBER 1, 2022 THROUGH MARCH 31, 2023**

**REPORT PREPARED BY:** Tetra Tech  
**TEMPERATURE SENSING DEVICE:** Thermocouple

**DATE:** April 1, 2023  
**MODEL:** Thermo-Electric

START DATE & TIME	END DATE & TIME	TEMP (°F) / FLOW	CAUSE	EXPLANATION	ACTION TAKEN
No deviations or inoperative monitors were reported during the October 1, 2022 through March 31, 2023 Reporting Period.					
<p><b>COMMENTS:</b></p> <ol style="list-style-type: none"> <li>1 In accordance with Title V Permit Condition Number 10164, Part 23(b), the A-8 Flare combustion zone 3-hour average temperature did not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation.</li> <li>2 The A-8 Flare combustion zone 3-hour average temperature did not drop below the 1,521°F limit established during the September 13, 2016 annual source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 23, and 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) in Subpart WWW of the New Source Performance Standard (NSPS).</li> <li>3 As of March 31, 2016, Republic Services, Inc. (RSI) will only consider Title V Permit Condition Number 10164, Part 23(b) as referred to in comment 1 above, a deviation.</li> </ol>					



**Ox Mountain Landfill, Half Moon Bay, California**  
**A-9 FLARE TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT OCTOBER 1, 2022 THROUGH MARCH 31, 2023**

**REPORT PREPARED BY:** Tetra Tech  
**TEMPERATURE SENSING DEVICE:** Thermocouple

**DATE:** April 1, 2023  
**MODEL:** Thermo-Electric

START DATE & TIME	END DATE & TIME	TEMP (°F) / FLOW	CAUSE	EXPLANATION	ACTION TAKEN
<p><b>COMMENTS:</b></p> <p>No deviations or inoperative monitors were reported during the October 1, 2022 through March 31, 2023 Reporting Period.</p> <ol style="list-style-type: none"> <li>1 In accordance with Title V Permit Condition Number 10164, Part 23(c), the A-9 Flare combustion zone 3-hour average temperature shall not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation.</li> <li>2 The A-9 Flare combustion zone 3-hour average temperature did not drop below the 1,418°F limit (source test temperature minus 50 degrees) established during the August 6, 2021 annual source test or below the 1,538°F limit (source test temperature minus 50 degrees) established during the July 21, 2022 annual source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 23, and 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) in Subpart WWW of the New Source Performance Standard (NSPS).</li> <li>3 As of March 31, 2016, Republic Services, Inc. (RSI) will only consider Title V Permit Condition Number 10164, Part 23(b) as referred to in comment 1 above, a deviation.</li> <li>4 GCCS = Gas Collection and Control System</li> </ol>					

## APPENDIX G

### COVER INTEGRITY MONITORING LOGS

**OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT  
COVER INTEGRITY INSPECTION**

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 10-27-22  
**TECHNICIAN:** Lusi Naivalurua

<b>SECURITY &amp; ACCESS</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Entrance locked and secured	X		
Signs clearly posted	X		
Evidence of trespassing		X	
Litter or debris on-site		X	
Fence in good condition	X		

<b>COVER &amp; VEGETATION</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes		X	Reported bench road erosion near 1912 to Ben Wade in late August (ongoing)
Ponding of water on cap		X	
Surface cracking	X		Identified crack near EW2006, informed site (ongoing)
Acceptable vegetation	X		
Exposed waste		X	

<b>LFG SYSTEM</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Extraction wells in good condition	X		
Flare/Blower station secured	X		

**OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT  
COVER INTEGRITY INSPECTION**

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 11-11-22  
**TECHNICIAN:** Matt Bowman

<b>SECURITY &amp; ACCESS</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Entrance locked and secured	X		
Signs clearly posted	X		
Evidence of trespassing		X	
Litter or debris on-site		X	
Fence in good condition	X		

<b>COVER &amp; VEGETATION</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes	X		Reported bench road erosion near 2207 to site (ongoing)
Ponding of water on cap	X		Minor ponding on bench roads, site has been informed and is working on drainage
Surface cracking	X		Identified crack near ew2006, repairs are ongoing
Acceptable vegetation	X		
Exposed waste		X	

<b>LFG SYSTEM</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Extraction wells in good condition	X		
Flare/Blower station secured	X		

**OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT  
COVER INTEGRITY INSPECTION**

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 12-19-22  
**TECHNICIAN:** Lusi Naivalurua

<b>SECURITY &amp; ACCESS</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Entrance locked and secured	X		
Signs clearly posted	X		
Evidence of trespassing		X	
Litter or debris on-site		X	
Fence in good condition	X		

<b>COVER &amp; VEGETATION</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes	X		Reported bench road erosion near 2207 to site (ongoing)
Ponding of water on cap	X		Minor ponding on bench roads, site has been informed and is working on drainage
Surface cracking	X		Identified crack near ew2006, repairs are ongoing
Acceptable vegetation	X		
Exposed waste		X	

<b>LFG SYSTEM</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Extraction wells in good condition	X		
Flare/Blower station secured	X		

**OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT  
COVER INTEGRITY INSPECTION**

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 1-25-23  
**TECHNICIAN:** Lusi Naivalurua

SECURITY & ACCESS	YES	NO	COMMENTS
Entrance locked and secured	X		
Signs clearly posted	X		
Evidence of trespassing		X	
Litter or debris on-site		X	
Fence in good condition	X		

COVER & VEGETATION	YES	NO	COMMENTS
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes	X		Reported erosion site wide due to heavy rain
Ponding of water on cap	X		Ponding on bench roads and side roads, site has been informed / is working on drainage
Surface cracking	X		Identified major cracks site wide due to heavy rain. Site is aware.
Acceptable vegetation	X		
Exposed waste		X	

LFG SYSTEM	YES	NO	COMMENTS
Extraction wells in good condition	X		
Flare/Blower station secured	X		

**OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT  
COVER INTEGRITY INSPECTION**

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 2-27-23  
**TECHNICIAN:** Lusi Naivalurua

<b>SECURITY &amp; ACCESS</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Entrance locked and secured	X		
Signs clearly posted	X		
Evidence of trespassing		X	
Litter or debris on-site		X	
Fence in good condition	X		

<b>COVER &amp; VEGETATION</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes	X		Reported erosion site wide due to heavy rain, repairs ongoing
Ponding of water on cap	X		Ponding on bench roads, site has been informed / is working on drainage
Surface cracking	X		Identified major cracks site wide due to heavy rain. Site is aware.
Acceptable vegetation	X		
Exposed waste		X	

<b>LFG SYSTEM</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Extraction wells in good condition	X		
Flare/Blower station secured	X		

**OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT  
COVER INTEGRITY INSPECTION**

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 3-28-23  
**TECHNICIAN:** Lusi Naivalurua

SECURITY & ACCESS	YES	NO	COMMENTS
Entrance locked and secured	X		
Signs clearly posted	X		
Evidence of trespassing		X	
Litter or debris on-site		X	
Fence in good condition	X		

COVER & VEGETATION	YES	NO	COMMENTS
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes	X		Reported erosion around site from winter, repairs ongoing
Ponding of water on cap	X		Ponding on bench roads, site has been informed and is addressing
Surface cracking	X		Major cracks have been reported, and are being addressed
Acceptable vegetation	X		
Exposed waste		X	

LFG SYSTEM	YES	NO	COMMENTS
Extraction wells in good condition	X		
Flare/Blower station secured	X		



## APPENDIX H

### SURFACE EMISSIONS MONITORING REPORTS



November 3, 2022

Ms. Kelly McDonnell  
Browning-Ferris Industries of California, Inc.  
Ox Mountain Landfill  
12310 San Mateo Road  
Half Moon Bay, CA 94019

Subject: Third Quarter 2022 Surface Emissions Monitoring Results for the Ox Mountain Landfill,  
Half Moon Bay, CA

Dear Ms. McDonnell:

This report provides results of the Third Quarter 2022 New Source Performance Standards (NSPS) and California Air Resources Board (CARB) Landfill Methane Rule (LMR) surface emissions monitoring (SEM) performed by Tetra Tech and a Tetra Tech subcontractor at the Ox Mountain Landfill. All work was performed in accordance with Republic Services' Standard Operating Procedures (SOP), federal NSPS and state LMR requirements.

## **SUMMARY AND CONCLUSIONS**

As stipulated in the LMR, if uncorrectable exceedances within the 10-day limitation are detected the landfill must perform monitoring on a 25-foot pathway on a quarterly basis for active disposal sites. If four (4) consecutive quarters of monitoring are performed without any exceedances, as stipulated in the LMR, the landfill may increase the spacing to 100-foot pathways. Therefore, based on the previous monitoring events, in which exceedances were observed, the monitoring at the Ox Mountain Landfill was performed on 25-foot pathways in accordance with the LMR.

As required by the LMR, the landfill was divided into 50,000 square foot or less (partial) areas. The Ox Mountain Landfill surface area was therefore, divided into one hundred and sixty-four (164) individual grids as shown in Appendix A.

The Third Quarter 2022 SEM testing results indicated twenty-seven (27) locations that exceeded the NSPS and LMR (Grids, Penetrations, and Parameter) instantaneous methane concentration threshold of 500 parts per million by volume (ppmv) and six (6) exceedances of the LMR integrated threshold limit of 25 ppmv as measured as methane above background were detected during the initial monitoring event. One integrated grid and one instantaneous point were monitored but were exempt from monitoring due to a 118 Construction Plan submitted to the Bay Area Air Quality Management District (BAAQMD) on July 11, 2022. The exceedance is not included in the results discussed in this report, but the data is provided in the appendices for reference only. System adjustments and repair work was performed by site personnel. The subsequent 10-day re-monitoring event indicated that twenty (20) areas with instantaneous had returned to compliance, one (1) location had been decommissioned, and five (5) locations remained in exceedance, and five (5) of six (6) integrated grids remained in

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exceedance. The second 10-day re-monitoring indicated that the five (5) integrated grids remained in exceedance, triggering the 120-day timeline, and the five (5) instantaneous locations cleared. The one-month re-monitoring indicated there were zero (0) locations with remaining instantaneous exceedances. The 120-day timeline for wellfield expansion due to the five (5) grid exceedances is December 18, 2022.

Additionally, during this event, some grids were not monitored as these areas were deemed unsafe by Tetra Tech, Tetra Tech's subcontractor, and/or site personnel for entry due to active filling operations, heavy traffic, or steep slopes, which could cause a potential for injury of monitoring personnel as follows:

- Full grids 22, 30, 31, 37, 44, 50, 57, 66, 74, 81, 88, 94, 95, 100, 106, 107, 112, 113, 118, 119, 124, 125, 130, 131, and 136 were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).
- Partial grids 21, 25, 26, 28, 34, 35, 38, 45, 51, 55, 58, 63, 65, 67, 71, 73, 75, 76, 79, 82, 85, 89, 92, 98, 101, 154, 155, and 159 were partially monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).

Areas consisting of native soil (no waste in place) were also exempted from monitoring, in accordance with the LMR. Any wells located in grids noted as exempt from monitoring due to health and safety concerns but remained accessible were monitored on an as-needed basis. Excluded areas are provided on the field map in Appendix A.

Further, as required under the LMR, any location on the landfill that has an observed instantaneous methane concentration greater than or equal to 500 ppmv, must be stake-marked and Global Positioning System (GPS) located on a site figure. When concentrations greater than or equal to 500 ppmv are observed during monitoring events, they are reported to site personnel and included in the quarterly report for that event for inclusion into the annual report as required.

Locations with concentrations between 200 ppmv and 499 ppmv are for reporting purposes only and require no remediation, as they are not an exceedance. Forty (40) locations were found during the monitoring between the LMR instantaneous recording levels of 200 ppmv to 499 ppmv.

Finally, to help prevent potential future exceedances, Tetra Tech recommends that the landfill surface be routinely inspected, any observed surface erosion be routinely repaired, and flowrates to the destruction devices be maximized.

## **BACKGROUND**

The Ox Mountain Landfill is an active municipal solid waste disposal site. By way of background, municipal solid waste buried in a landfill decompose anaerobically (in the absence of oxygen) producing a combustible gas, which contains approximately 50 to 60 percent methane, 40 to 50 percent carbon dioxide, and trace amounts of various other gases, some of which are odorous. The Ox Mountain Landfill property contains a Gas Collection and Control System (GCCS) to control the combustible gases generated in the landfill that may otherwise either vent vertically to the atmosphere or migrate horizontally through subsurface soil to locations on adjacent properties.

## **SURFACE EMISSIONS MONITORING**

Instantaneous and integrated SEM was performed over the surface of the subject site on August 24, 25, 26, 27, 29, 30, and 31, 2022 and September 2, 9, 23, and 28, 2022. The intent of the monitoring was to identify any specific locations or areas of the landfill surface with organic compound concentrations exceeding the NSPS and/or LMR threshold limit values of 500 ppmv measured as methane for instantaneous monitoring or exceeding the threshold limit values of 25 ppmv for the integrated monitoring in the 50,000 square foot grids as required under the LMR. During this event Tetra Tech performed the monitoring on 25-foot pathways in all accessible areas, in accordance with the rules as required.

## **EMISSIONS TESTING INSTRUMENTATION/CALIBRATION**

Instruments used to perform the landfill surface emission testing consisted of the following:

- Trimble SiteFID Landfill Gas Monitor Portable Flame Ionization Detector (FID). This instrument measures methane in air over a range of 1 to 50,000 ppmv. The FID meets the CARB requirements for combined instantaneous and integrated monitoring and was calibrated in accordance with United States Environmental Protection Agency (US EPA) Method 21 and manufacturers specifications.
- A portable wind data logger by Secure Digital is used to monitor and log wind speeds while performing emissions monitoring. Field observations and local weather station information is used to track weather conditions and rain events.

Instrument calibration logs and instantaneous weather information are shown in Appendix D and E.

## **SURFACE EMISSIONS MONITORING PROCEDURES**

Instantaneous and integrated SEM was conducted in accordance with NSPS and LMR requirements. Monitoring was performed with the FID inlet held within 3 inches of the landfill surface while a technician walked a grid in parallel paths not more than 25-feet apart over the surface of the landfill unless site safety conditions or prior monitoring results allowed 100-foot pathways. Cracks, holes, and all cover penetrations in the surface were also tested. Instantaneous surface emissions readings were monitored continuously and recorded every 5 seconds. Any areas in exceedance of the 500 ppmv threshold limits (reporting and compliance levels, respectively) were GPS tagged, any locations exceeding the 500 ppmv threshold limit were also stake-marked for on-site personnel to perform remediation or repairs.

The integrated average is based on the readings stored on the instrument which are recorded every 5 seconds. The readings are then downloaded, and the averages are calculated for each grid using software provided by the instrument manufacturer. The readings are not provided in the report due to the volume of data but can be furnished upon request.

Recorded wind speed results are shown in Appendix F. Wind speed 15-minute averages were observed to remain below the alternative requested 10 miles per hour (based on 60 second intervals), and no instantaneous speeds exceeded 20 miles per hour during the testing. Monitoring was terminated when average wind speed exceeded 5 miles per hour.

The LMR states that monitoring may not take place if any measurable precipitation is recorded onsite within 72-hours. Weather conditions for the monitoring events are included in Appendix E.

## TESTING RESULTS

During the initial monitoring events on August 24, 25, 26, 27, 29, 30, and 31, 2022 and September 2, 2022, there were twenty-eight (27) locations that exceeded the NSPS (Grids) and LMR (Grids and Penetrations) instantaneous level of 500 ppmv. There were six (6) exceedances of the LMR integrated threshold limit of 25 ppmv as measured as methane above background detected. System adjustments and repair work (repair of boreholes, vacuum increases to nearby extraction wells and re-compaction of soil) was performed by site personnel. The subsequent 10-day re-monitoring events on September 2 and 9, 2022 indicated that twenty-one (21) areas with instantaneous had returned to compliance, one (1) location had been decommissioned, and five (5) of six (6) integrated locations remained in exceedance. The second 10-day re-monitoring event on September 23, 2022, indicated that the five (5) integrated grids remained in exceedance, triggering the 120-day timeline, and the five (5) instantaneous locations cleared. The one-month re-monitoring events on September 9, 23, and 28, 2022 indicated there were zero (0) locations with remaining instantaneous exceedances.

The 120-day timeline for wellfield expansion due to the five (5) grid exceedances is December 18, 2022. Based on these results, no further monitoring is required until the Fourth Quarter of 2022. Results of the monitoring are shown in Appendix B and C. Calibration logs for the monitoring equipment are provided in Appendix D.

The landfill perimeter was walked and tested. Results of this testing indicated that no exceedances of the 500 ppmv limit were observed, therefore the site perimeter was in compliance with the requirements of the rule.

As mentioned above:

- Full grids 22, 30, 31, 37, 44, 50, 57, 66, 74, 81, 88, 94, 95, 100, 106, 107, 112, 113, 118, 119, 124, 125, 130, 131, and 136 were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).
- Partial grids 21, 25, 26, 28, 34, 35, 38, 45, 51, 55, 58, 63, 65, 67, 71, 73, 75, 76, 79, 82, 85, 89, 92, 98, 101, 154, 155, and 159 were partially monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).

These areas were deemed unsafe by the Tetra Tech subcontractor personnel for entry due to active filling operations, construction, and other dangerous or unsafe conditions, which could cause a potential for injury of monitoring personnel (Appendix A).

Areas consisting of native soil (no waste in place) are also exempt from monitoring, in accordance with the LMR.

Any wells located in grids noted as exempt from monitoring due to health and safety concerns but remained accessible were monitored on an as-needed basis.

## PROJECT SCHEDULE

Following the initial events performed on August 24, 25, 26, 27, 29, 30, and 31, 2022 and September 2, 2022, subsequent re-monitoring was scheduled for ten days later. The first 10-day re-monitoring events were performed on September 2 and 9, 2022 and indicated that twenty-one (21) areas with instantaneous had returned to compliance, one (1) location had been decommissioned, and five (5) of six (6) integrated locations remained in exceedance. The second additional 10-day re-monitoring event took place on September 23, 2022 and indicated that the five (5) integrated grids remained in exceedance, triggering the 120-day timeline, and the six (6) instantaneous locations cleared. The one-month confirmation testing on abated instantaneous readings was performed on September 9, 23, and 28, 2022, and indicated the six (6) instantaneous exceedances remained below LMR thresholds of compliance.

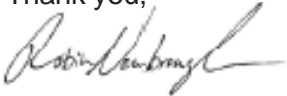
In accordance with the approved Scope of Work, Tetra Tech is scheduled to perform the Fourth Quarter 2022 NSPS and LMR monitoring event by the end of December 2022 in all areas deemed safe for entry.

## STANDARD PROVISIONS

This report addresses conditions of the subject site during the testing dates only. Accordingly, we assume no responsibility for any changes that may occur subsequent to testing which could affect the surface emissions at the subject site or adjacent properties.

If you have any questions regarding this report, please contact Rob Newbrough at (503) 720-0925.

Thank you,



Rob Newbrough – O&M West Area Manager

This report contains the following Appendices:

**Appendix A:** Surface Grid Map

**Appendix B:** Integrated Monitoring Results

**Appendix C:** Instantaneous Monitoring Results

**Appendix D:** Calibration Logs

**Appendix E:** Weather Data

**Appendix F:** Wind Speed Data

## APPENDIX A

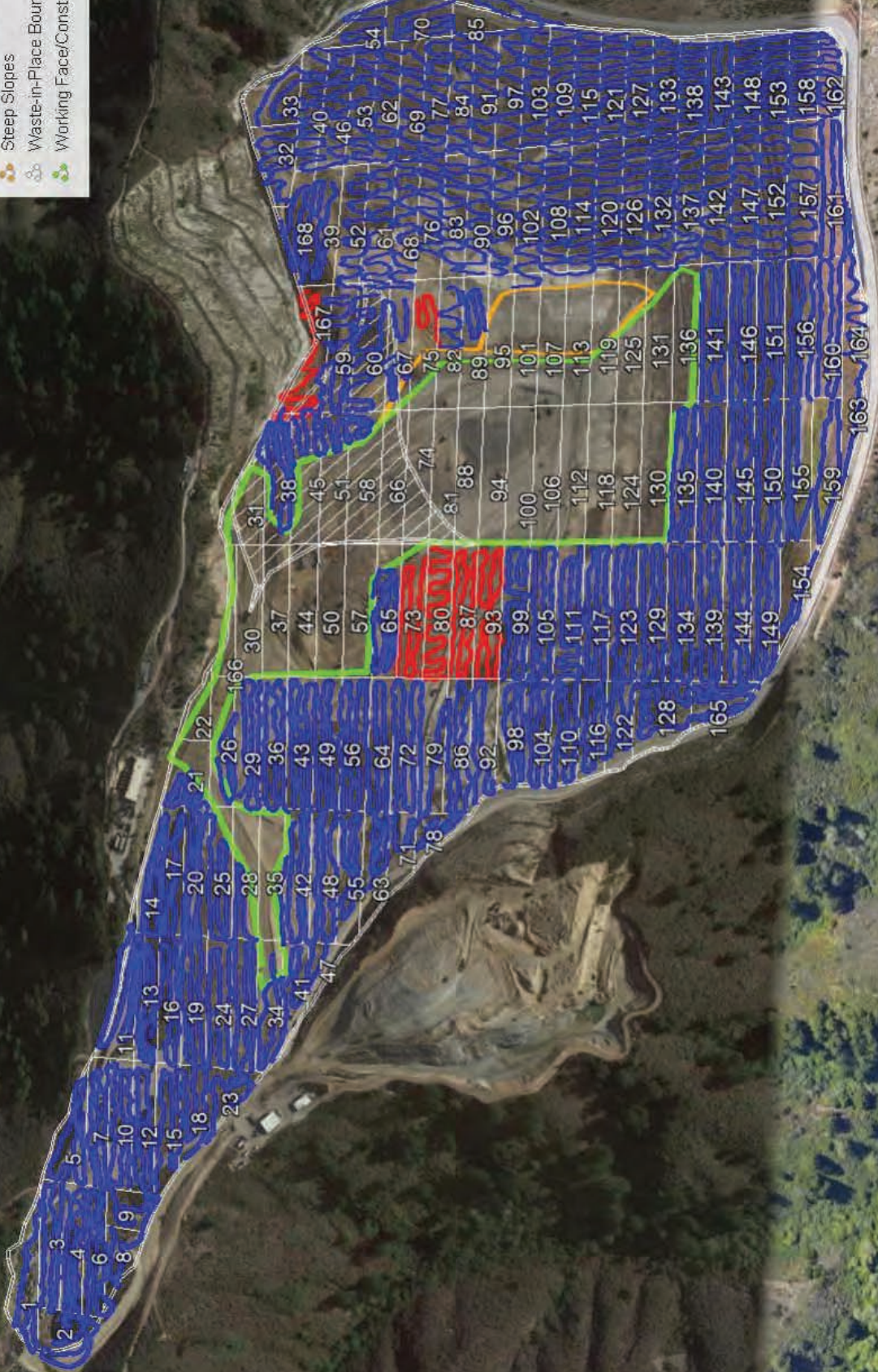
### SURFACE GRID MAP

# Ox Mountain 3Q2022

Field Map

## Legend

- Integrated Walking Path - Above 25ppmv
- Integrated Walking Path - Below 25ppmv
- Steep Slopes
- Waste-in-Place Boundary
- Working Face/Construction





**INTEGRATED MONITORING RESULTS**

**Table 1**  
**SUMMARY OF INTEGRATED GRID INITIAL MONITORING**  
**3Q2022 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_1_2022_Q3_Initial.csv	8/27/2022	1	0.2
MONITOR_ox_mtn_GRID_2_2022_Q3_Initial.csv	8/27/2022	2	0.1
MONITOR_ox_mtn_GRID_3_2022_Q3_Initial.csv	8/27/2022	3	0.6
MONITOR_ox_mtn_GRID_4_2022_Q3_Initial.csv	8/27/2022	4	0.2
MONITOR_ox_mtn_GRID_5_2022_Q3_Initial.csv	8/27/2022	5	0.1
MONITOR_ox_mtn_GRID_6_2022_Q3_Initial.csv	8/27/2022	6	0.1
MONITOR_ox_mtn_GRID_7_2022_Q3_Initial.csv	8/27/2022	7	0.1
MONITOR_ox_mtn_GRID_8_2022_Q3_Initial.csv	8/27/2022	8	10.7
MONITOR_ox_mtn_GRID_9_2022_Q3_Initial.csv	8/27/2022	9	0.2
MONITOR_ox_mtn_GRID_10_2022_Q3_Initial.csv	8/27/2022	10	0.1
MONITOR_ox_mtn_GRID_11_2022_Q3_Initial.csv	8/29/2022	11	0.1
MONITOR_ox_mtn_GRID_12_2022_Q3_Initial.csv	8/29/2022	12	0.1
MONITOR_ox_mtn_GRID_13_2022_Q3_Initial.csv	8/29/2022	13	0.2
MONITOR_ox_mtn_GRID_14_2022_Q3_Initial.csv	8/29/2022	14	0.2
MONITOR_ox_mtn_GRID_15_2022_Q3_Initial.csv	8/29/2022	15	0.2
MONITOR_ox_mtn_GRID_16_2022_Q3_Initial.csv	8/29/2022	16	0.1
MONITOR_ox_mtn_GRID_17_2022_Q3_Initial.csv	8/29/2022	17	0.0
MONITOR_ox_mtn_GRID_18_2022_Q3_Initial.csv	8/29/2022	18	3.1
MONITOR_ox_mtn_GRID_19_2022_Q3_Initial.csv	8/29/2022	19	0.1
MONITOR_ox_mtn_GRID_20_2022_Q3_Initial.csv	8/29/2022	20	0.0
MONITOR_ox_mtn_GRID_21_2022_Q3_Initial.csv	8/29/2022	21	0.1
MONITOR_ox_mtn_GRID_23_2022_Q3_Initial.csv	8/29/2022	23	19.9
MONITOR_ox_mtn_GRID_24_2022_Q3_Initial.csv	8/29/2022	24	0.1
MONITOR_ox_mtn_GRID_25_2022_Q3_Initial.csv	8/29/2022	25	0.0
MONITOR_ox_mtn_GRID_26_2022_Q3_Initial.csv	8/29/2022	26	1.6
MONITOR_ox_mtn_GRID_27_2022_Q3_Initial.csv	8/29/2022	27	0.1
MONITOR_ox_mtn_GRID_28_2022_Q3_Initial.csv	8/29/2022	28	0.0
MONITOR_ox_mtn_GRID_29_2022_Q3_Initial.csv	8/29/2022	29	4.7
MONITOR_ox_mtn_GRID_32_2022_Q3_Initial.csv	8/31/2022	32	6.2
MONITOR_ox_mtn_GRID_33_2022_Q3_Initial.csv	8/31/2022	33	1.6
MONITOR_ox_mtn_GRID_34_2022_Q3_Initial.csv	8/29/2022	34	1.0
MONITOR_ox_mtn_GRID_35_2022_Q3_Initial.csv	8/29/2022	35	6.7
MONITOR_ox_mtn_GRID_36_2022_Q3_Initial.csv	8/29/2022	36	4.7
MONITOR_ox_mnt_GRID_38_2022_Q3_Initial.csv	9/2/2022	38	4.2
MONITOR_ox_mnt_GRID_39_2022_Q3_Initial.csv	9/3/2022	39	3.8
MONITOR_ox_mtn_GRID_40_2022_Q3_Initial.csv	8/30/2022	40	2.9
MONITOR_ox_mtn_GRID_41_2022_Q3_Initial.csv	8/29/2022	41	0.2
MONITOR_ox_mtn_GRID_42_2022_Q3_Initial.csv	8/29/2022	42	8.2
MONITOR_ox_mtn_GRID_43_2022_Q3_Initial.csv	8/29/2022	43	2.4
MONITOR_ox_mnt_GRID_45_2022_Q3_Initial.csv	9/2/2022	45	6.8
MONITOR_ox_mtn_GRID_46_2022_Q3_Initial.csv	8/30/2022	46	3.3
MONITOR_ox_mtn_GRID_47_2022_Q3_Initial.csv	8/29/2022	47	2.6
MONITOR_ox_mtn_GRID_48_2022_Q3_Initial.csv	8/29/2022	48	0.1
MONITOR_ox_mtn_GRID_49_2022_Q3_Initial.csv	8/29/2022	49	4.3
MONITOR_ox_mtn_GRID_51_2022_Q3_Initial.csv	8/31/2022	51	13.3
MONITOR_ox_mtn_GRID_52_2022_Q3_Initial.csv	8/31/2022	52	8.2
MONITOR_ox_mtn_GRID_53_2022_Q3_Initial.csv	8/30/2022	53	2.0
MONITOR_ox_mtn_GRID_54_2022_Q3_Initial.csv	8/30/2022	54	0.1
MONITOR_ox_mtn_GRID_55_2022_Q3_Initial.csv	8/29/2022	55	0.3
MONITOR_ox_mtn_GRID_56_2022_Q3_Initial.csv	8/29/2022	56	5.8
MONITOR_ox_mnt_GRID_58_2022_Q3_Initial.csv	9/2/2022	58	7.5
MONITOR_ox_mnt_GRID_59_2022_Q3_Initial.csv	9/2/2022	59	15.1
MONITOR_ox_mnt_GRID_60_2022_Q3_Initial.csv	9/2/2022	60	0.8
MONITOR_ox_mtn_GRID_61_2022_Q3_Initial.csv	8/31/2022	61	19.6

**Table 1**  
**SUMMARY OF INTEGRATED GRID INITIAL MONITORING**  
**3Q2022 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_62_2022_Q3_Initial.csv	8/30/2022	62	1.2
MONITOR_ox_mtn_GRID_63_2022_Q3_Initial.csv	8/29/2022	63	0.3
MONITOR_ox_mtn_GRID_64_2022_Q3_Initial.csv	8/29/2022	64	13.0
MONITOR_ox_mnt_GRID_65_2022_Q3_Initial.csv	9/3/2022	65	23.0
MONITOR_ox_mtn_GRID_67_2022_Q3_Initial.csv	8/31/2022	67	3.8
MONITOR_ox_mtn_GRID_68_2022_Q3_Initial.csv	8/31/2022	68	15.5
MONITOR_ox_mtn_GRID_69_2022_Q3_Initial.csv	8/30/2022	69	1.0
MONITOR_ox_mtn_GRID_70_2022_Q3_Initial.csv	8/30/2022	70	0.1
MONITOR_ox_mtn_GRID_71_2022_Q3_Initial.csv	8/29/2022	71	0.7
MONITOR_ox_mtn_GRID_72_2022_Q3_Initial.csv	8/30/2022	72	12.3
MONITOR_ox_mtn_GRID_73_2022_Q3_Initial.csv	8/30/2022	73	41.6
MONITOR_ox_mtn_GRID_75_2022_Q3_Initial.csv	8/31/2022	75	40.5
MONITOR_ox_mtn_GRID_76_2022_Q3_Initial.csv	8/31/2022	76	12.8
MONITOR_ox_mtn_GRID_77_2022_Q3_Initial.csv	8/30/2022	77	1.0
MONITOR_ox_mtn_GRID_78_2022_Q3_Initial.csv	8/29/2022	78	5.5
MONITOR_ox_mtn_GRID_79_2022_Q3_Initial.csv	8/29/2022	79	11.7
MONITOR_ox_mtn_GRID_80_2022_Q3_Initial.csv	8/30/2022	80	28.9
MONITOR_ox_mtn_GRID_82_2022_Q3_Initial.csv	8/31/2022	82	11.9
MONITOR_ox_mtn_GRID_83_2022_Q3_Initial.csv	8/31/2022	83	27.7
MONITOR_ox_mtn_GRID_84_2022_Q3_Initial.csv	8/30/2022	84	0.6
MONITOR_ox_mtn_GRID_85_2022_Q3_Initial.csv	8/30/2022	85	0.1
MONITOR_ox_mtn_GRID_86_2022_Q3_Initial.csv	8/29/2022	86	15.1
MONITOR_ox_mtn_GRID_87_2022_Q3_Initial.csv	8/30/2022	87	49.9
MONITOR_ox_mtn_GRID_89_2022_Q3_Initial.csv	8/31/2022	89	20.0
MONITOR_ox_mtn_GRID_90_2022_Q3_Initial.csv	8/31/2022	90	12.0
MONITOR_ox_mtn_GRID_91_2022_Q3_Initial.csv	8/30/2022	91	0.3
MONITOR_ox_mtn_GRID_92_2022_Q3_Initial.csv	8/29/2022	92	12.5
MONITOR_ox_mtn_GRID_93_2022_Q3_Initial.csv	8/30/2022	93	36.7
MONITOR_ox_mtn_GRID_96_2022_Q3_Initial.csv	8/31/2022	96	20.3
MONITOR_ox_mtn_GRID_97_2022_Q3_Initial.csv	8/30/2022	97	0.0
MONITOR_ox_mtn_GRID_98_2022_Q3_Initial.csv	8/29/2022	98	6.0
MONITOR_ox_mtn_GRID_99_2022_Q3_Initial.csv	8/30/2022	99	9.5
MONITOR_ox_mtn_GRID_102_2022_Q3_Initial.csv	8/31/2022	102	12.6
MONITOR_ox_mtn_GRID_103_2022_Q3_Initial.csv	8/30/2022	103	0.6
MONITOR_ox_mtn_GRID_104_2022_Q3_Initial.csv	8/29/2022	104	7.4
MONITOR_ox_mtn_GRID_105_2022_Q3_Initial.csv	8/30/2022	105	10.9
MONITOR_ox_mtn_GRID_108_2022_Q3_Initial.csv	8/30/2022	108	7.2
MONITOR_ox_mtn_GRID_109_2022_Q3_Initial.csv	8/30/2022	109	0.6
MONITOR_ox_mtn_GRID_110_2022_Q3_Initial.csv	8/29/2022	110	7.4
MONITOR_ox_mtn_GRID_111_2022_Q3_Initial.csv	8/30/2022	111	8.7
MONITOR_ox_mtn_GRID_114_2022_Q3_Initial.csv	8/30/2022	114	3.7
MONITOR_ox_mtn_GRID_115_2022_Q3_Initial.csv	8/30/2022	115	0.2
MONITOR_ox_mtn_GRID_116_2022_Q3_Initial.csv	8/29/2022	116	4.9
MONITOR_ox_mtn_GRID_117_2022_Q3_Initial.csv	8/30/2022	117	8.9
MONITOR_ox_mtn_GRID_120_2022_Q3_Initial.csv	8/30/2022	120	1.9
MONITOR_ox_mtn_GRID_121_2022_Q3_Initial.csv	8/30/2022	121	0.3
MONITOR_ox_mtn_GRID_122_2022_Q3_Initial.csv	8/29/2022	122	9.5
MONITOR_ox_mtn_GRID_123_2022_Q3_Initial.csv	8/30/2022	123	1.8
MONITOR_ox_mtn_GRID_126_2022_Q3_Initial.csv	8/30/2022	126	2.4
MONITOR_ox_mtn_GRID_127_2022_Q3_Initial.csv	8/30/2022	127	0.1
MONITOR_ox_mtn_GRID_128_2022_Q3_Initial.csv	8/29/2022	128	11.2
MONITOR_ox_mtn_GRID_129_2022_Q3_Initial.csv	8/30/2022	129	0.2
MONITOR_ox_mtn_GRID_132_2022_Q3_Initial.csv	8/31/2022	132	2.6

**Table 1**  
**SUMMARY OF INTEGRATED GRID INITIAL MONITORING**  
**3Q2022 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_133_2022_Q3_Initial.csv	8/30/2022	133	0.2
MONITOR_ox_mtn_GRID_134_2022_Q3_Initial.csv	8/30/2022	134	1.5
MONITOR_ox_mtn_GRID_135_2022_Q3_Initial.csv	8/31/2022	135	2.8
MONITOR_ox_mtn_GRID_137_2022_Q3_Initial.csv	8/31/2022	137	3.9
MONITOR_ox_mtn_GRID_138_2022_Q3_Initial.csv	8/30/2022	138	0.1
MONITOR_ox_mtn_GRID_139_2022_Q3_Initial.csv	8/30/2022	139	1.4
MONITOR_ox_mtn_GRID_140_2022_Q3_Initial.csv	8/31/2022	140	9.6
MONITOR_ox_mtn_GRID_141_2022_Q3_Initial.csv	8/31/2022	141	0.9
MONITOR_ox_mtn_GRID_142_2022_Q3_Initial.csv	8/31/2022	142	0.9
MONITOR_ox_mtn_GRID_143_2022_Q3_Initial.csv	8/30/2022	143	0.2
MONITOR_ox_mtn_GRID_144_2022_Q3_Initial.csv	8/30/2022	144	1.6
MONITOR_ox_mtn_GRID_145_2022_Q3_Initial.csv	8/29/2022	145	1.5
MONITOR_ox_mtn_GRID_146_2022_Q3_Initial.csv	8/31/2022	146	0.8
MONITOR_ox_mtn_GRID_147_2022_Q3_Initial.csv	8/31/2022	147	0.3
MONITOR_ox_mtn_GRID_148_2022_Q3_Initial.csv	8/30/2022	148	0.2
MONITOR_ox_mtn_GRID_149_2022_Q3_Initial.csv	8/30/2022	149	0.1
MONITOR_ox_mtn_GRID_150_2022_Q3_Initial.csv	8/29/2022	150	2.1
MONITOR_ox_mtn_GRID_151_2022_Q3_Initial.csv	8/31/2022	151	0.2
MONITOR_ox_mtn_GRID_152_2022_Q3_Initial.csv	8/31/2022	152	1.1
MONITOR_ox_mtn_GRID_153_2022_Q3_Initial.csv	8/30/2022	153	0.3
MONITOR_ox_mtn_GRID_154_2022_Q3_Initial.csv	8/29/2022	154	0.0
MONITOR_ox_mtn_GRID_155_2022_Q3_Initial.csv	8/29/2022	155	3.2
MONITOR_ox_mtn_GRID_156_2022_Q3_Initial.csv	8/31/2022	156	0.2
MONITOR_ox_mtn_GRID_157_2022_Q3_Initial.csv	8/31/2022	157	0.1
MONITOR_ox_mtn_GRID_158_2022_Q3_Initial.csv	8/30/2022	158	0.2
MONITOR_ox_mtn_GRID_159_2022_Q3_Initial.csv	8/29/2022	159	0.0
MONITOR_ox_mtn_GRID_160_2022_Q3_Initial.csv	8/31/2022	160	0.1
MONITOR_ox_mtn_GRID_161_2022_Q3_Initial.csv	8/31/2022	161	0.0
MONITOR_ox_mtn_GRID_162_2022_Q3_Initial.csv	8/30/2022	162	0.1
MONITOR_ox_mtn_GRID_163_2022_Q3_Initial.csv	8/29/2022	163	10.3
MONITOR_ox_mtn_GRID_164_2022_Q3_Initial.csv	8/31/2022	164	7.8
MONITOR_ox_mtn_GRID_165_2022_Q3_Initial.csv	8/30/2022	165	0.6
MONITOR_ox_mnt_GRID_167_2022_Q3_Initial.csv	9/2/2022	167	30.9
MONITOR_ox_mnt_GRID_168_2022_Q3_Initial.csv	9/3/2022	168	19.2

**Table 2**  
**SUMMARY OF INTEGRATED GRID REMONITORING**  
**FOR METHANE CONCENTRATIONS ≥25 PPMV**  
**3Q2022 Ox Mountain Landfill**

INITIAL MONITORING				FIRST 10DAY		SECOND 10DAY	
File Name	DATE	Grid ID	METHANE CONCENTRATION (ppmv)	DATE	METHANE CONCENTRATION (ppmv)	DATE <sup>1</sup>	METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_73_2022_Q3_Initial.csv	8/30/2022	73	41.6	9/9/2022	79.3	9/23/2022	38.7
MONITOR_ox_mtn_GRID_75_2022_Q3_Initial.csv	8/31/2022	75	40.5	9/9/2022	31.2	9/23/2022	54.0
MONITOR_ox_mtn_GRID_80_2022_Q3_Initial.csv	8/30/2022	80	28.9	9/9/2022	84.8	9/23/2022	44.9
MONITOR_ox_mtn_GRID_83_2022_Q3_Initial.csv	8/31/2022	83	27.7	9/9/2022	15.4	NA	NA
MONITOR_ox_mtn_GRID_87_2022_Q3_Initial.csv	8/30/2022	87	49.9	9/9/2022	68.9	9/23/2022	41.5
MONITOR_ox_mtn_GRID_93_2022_Q3_Initial.csv	8/30/2022	93	36.7	9/9/2022	95.7	9/23/2022	91.9
MONITOR_ox_mnt_GRID_167_2022_Q2_Initial.csv	9/2/2022	167 <sup>2</sup>	30.9	9/9/2022	46.1	9/23/2022	94.1

1. Due to measureable rain in Half Moon Bay the Second 10-day retesting had to be postponed until there was 72 hours of dry weather.
2. Grid 167 was covered under a 118 construction plan during the period of monitoring, the testing was performed to assist with the construction plan.

## APPENDIX C

### INSTANTANEOUS MONITORING RESULTS

Summary of Instantaneous Targeted Penetrations Monitored  
3Q2022 Ox Mountain Landfill

INITIAL MONITORING					
FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_CP01_2022_Q3_Initial.csv	8/24/2022	CP01	37.500413	-122.414580	0.0
MONITOR_OX_MTNwells_GRID_CP13_2022_Q3_Initial.csv	8/24/2022	CP13	37.495482	-122.410800	0.0
MONITOR_OX_MTNwells_GRID_CP15_2022_Q3_Initial.csv	8/24/2022	CP15	37.495663	-122.410418	0.0
MONITOR_OX_MTNwells_GRID_CP16_2022_Q3_Initial.csv	8/24/2022	CP16	37.496025	-122.410658	0.0
MONITOR_OX_MTNwells_GRID_CP17_2022_Q3_Initial.csv	8/24/2022	CP17	37.497335	-122.413405	0.0
MONITOR_OX_MTNwells_GRID_CP18_2022_Q3_Initial.csv	8/24/2022	CP18	37.497235	-122.412763	1.6
MONITOR_OX_MTNwells_GRID_CP19_2022_Q3_Initial.csv	8/24/2022	CP19	37.497153	-122.411542	0.0
MONITOR_OX_MTNwells_GRID_CP21_2022_Q3_Initial.csv	8/24/2022	CP21	37.500068	-122.415248	2460.2
MONITOR_OX_MTNwells_GRID_CP22_2022_Q3_Initial.csv	8/24/2022	CP22	37.501820	-122.414683	0.0
MONITOR_OX_MTNwells_GRID_CP23_2022_Q3_Initial.csv	8/24/2022	CP23	37.495638	-122.410383	0.0
MONITOR_OX_MTNwells_GRID_CP24_2022_Q3_Initial.csv	8/24/2022	CP24	37.495647	-122.410335	0.0
MONITOR_OX_MTNwells_GRID_CP25_2022_Q3_Initial.csv	8/24/2022	CP25	37.495930	-122.410353	0.0
MONITOR_OX_MTNwells_GRID_CP26_2022_Q3_Initial.csv	8/24/2022	CP26	37.498783	-122.408180	34.3
MONITOR_OX_MTNwells_GRID_CP27_2022_Q3_Initial.csv	8/24/2022	CP27	37.498857	-122.413088	92.9
MONITOR_OX_MTNwells_GRID_CP28_2022_Q3_Initial.csv	8/25/2022	CP28	37.499318	-122.411215	4589.0
MONITOR_OX_MTNwells_GRID_CP29_2022_Q3_Initial.csv	8/25/2022	CP29	37.499330	-122.411583	344.4
MONITOR_OX_MTNwells_GRID_CP2_2022_Q3_Initial.csv	8/24/2022	CP2	37.500947	-122.414718	0.0
MONITOR_OX_MTNwells_GRID_CP32_2022_Q3_Initial.csv	8/24/2022	CP32	37.496212	-122.412535	0.0
MONITOR_OX_MTNwells_GRID_CP33_2022_Q3_Initial.csv	8/24/2022	CP33	37.496283	-122.412785	0.0
MONITOR_OX_MTNwells_GRID_CP34_2022_Q3_Initial.csv	8/26/2022	CP34	37.499087	-122.411165	18.0
MONITOR_OX_MTNwells_GRID_CP35_2022_Q3_Initial.csv	8/24/2022	CP35	37.498997	-122.412132	1.8
MONITOR_OX_MTNwells_GRID_CP38_2022_Q3_Initial.csv	8/24/2022	CP38	37.495648	-122.410348	0.0
MONITOR_OX_MTNwells_GRID_CP39_2022_Q3_Initial.csv	8/24/2022	CP39	37.499130	-122.415245	1927.4
MONITOR_OX_MTNwells_GRID_CP3_2022_Q3_Initial.csv	8/24/2022	CP3	37.496175	-122.411633	0.0
MONITOR_OX_MTNwells_GRID_CP40_2022_Q3_Initial.csv	8/24/2022	CP40	37.497165	-122.414553	0.0
MONITOR_OX_MTNwells_GRID_CP41_2022_Q3_Initial.csv	8/24/2022	CP41	37.495640	-122.410332	0.0
MONITOR_OX_MTNwells_GRID_CP42_2022_Q3_Initial.csv	8/24/2022	CP42	37.495665	-122.410320	0.0
MONITOR_OX_MTNwells_GRID_CP43_2022_Q3_Initial.csv	8/24/2022	CP43	37.495635	-122.410322	0.0
MONITOR_OX_MTNwells_GRID_CP44_2022_Q3_Initial.csv	8/24/2022	CP44	37.495687	-122.410302	0.0
MONITOR_OX_MTNwells_GRID_CP45_2022_Q3_Initial.csv	8/24/2022	CP45	37.495653	-122.410302	0.0
MONITOR_OX_MTNwells_GRID_CP46_2022_Q3_Initial.csv	8/26/2022	CP46	37.495645	-122.410312	0.0
MONITOR_OX_MTNwells_GRID_CP47_2022_Q3_Initial.csv	8/24/2022	CP47	37.495652	-122.410288	0.0
MONITOR_OX_MTNwells_GRID_CP4_2022_Q3_Initial.csv	8/24/2022	CP4	37.496402	-122.414010	0.0
MONITOR_OX_MTNwells_GRID_CP4_2022_Q3_Initial.csv	8/24/2022	CP4	37.496087	-122.411052	0.0
MONITOR_OX_MTNwells_GRID_CP51_2022_Q3_Initial.csv	8/25/2022	CP51	37.502210	-122.410925	0.0
MONITOR_OX_MTNwells_GRID_CP52_2022_Q3_Initial.csv	8/25/2022	CP52	37.502202	-122.410930	9.1
MONITOR_OX_MTNwells_GRID_CP53_2022_Q3_Initial.csv	8/24/2022	CP53	37.495485	-122.410790	0.0
MONITOR_OX_MTNwells_GRID_CP54_2022_Q3_Initial.csv	8/24/2022	CP54	37.495472	-122.410787	0.0
MONITOR_OX_MTNwells_GRID_CP56_2022_Q3_Initial.csv	8/24/2022	CP56	37.496777	-122.407305	0.0
MONITOR_OX_MTNwells_GRID_CP5_2022_Q3_Initial.csv	8/25/2022	CP5	37.503738	-122.409675	62.8
MONITOR_OX_MTNwells_GRID_CP60_2022_Q3_Initial.csv	8/25/2022	CP60	37.501727	-122.410225	60.2
MONITOR_OX_MTNwells_GRID_CP61_2022_Q3_Initial.csv	8/25/2022	CP61	37.501742	-122.410227	30.4
MONITOR_OX_MTNwells_GRID_CP62_2022_Q3_Initial.csv	8/25/2022	CP62	37.502368	-122.407270	85.5
MONITOR_OX_MTNwells_GRID_CP63_2022_Q3_Initial.csv	8/25/2022	CP63	37.502387	-122.407305	4.1
MONITOR_OX_MTNwells_GRID_CP64_2022_Q3_Initial.csv	8/25/2022	CP64	37.502358	-122.407305	64.9
MONITOR_OX_MTNwells_GRID_CP65_2022_Q3_Initial.csv	8/26/2022	CP65	37.503707	-122.409702	11.9
MONITOR_OX_MTNwells_GRID_CP66_2022_Q3_Initial.csv	8/25/2022	CP66	37.502725	-122.410282	180.7
MONITOR_OX_MTNwells_GRID_CP67_2022_Q3_Initial.csv	8/24/2022	CP67	37.500322	-122.413660	4.2
MONITOR_OX_MTNwells_GRID_CP68_2022_Q3_Initial.csv	8/25/2022	CP68	37.508420	-122.405853	0.0
MONITOR_OX_MTNwells_GRID_CP69_2022_Q3_Initial.csv	8/25/2022	CP69	37.506397	-122.406387	0.0
MONITOR_OX_MTNwells_GRID_CP6_2022_Q3_Initial.csv	8/24/2022	CP6	37.496273	-122.412263	0.0
MONITOR_OX_MTNwells_GRID_CP72_2022_Q3_Initial.csv	8/24/2022	CP72	37.499300	-122.415295	349.4

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FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_CP73_2022_Q3_Initial.csv	8/25/2022	CP73	37.503270	-122.409130	0.0
MONITOR_OX_MTNwells_GRID_CP76_2022_Q3_Initial.csv	8/25/2022	CP76	37.502073	-122.411010	0.0
MONITOR_OX_MTNwells_GRID_CP80_2022_Q3_Initial.csv	8/26/2022	CP80	37.495692	-122.410645	0.0
MONITOR_OX_MTNwells_GRID_CP83_2022_Q3_Initial.csv	8/24/2022	CP83	37.499363	-122.408212	75.1
MONITOR_OX_MTNwells_GRID_CP87_2022_Q3_Initial.csv	8/24/2022	CP87	37.495587	-122.410213	0.0
MONITOR_OX_MTNwells_GRID_CP88_2022_Q3_Initial.csv	8/26/2022	CP88	37.495882	-122.407810	0.0
MONITOR_OX_MTNwells_GRID_CP89_2022_Q3_Initial.csv	8/24/2022	CP89	37.498475	-122.407800	8.5
MONITOR_OX_MTNwells_GRID_CP89_2022_Q3_Initial.csv	8/24/2022	CP89	37.498492	-122.407803	261.3
MONITOR_OX_MTNwells_GRID_CP90_2022_Q3_Initial.csv	8/25/2022	CP90	37.503583	-122.411717	270.9
MONITOR_OX_MTNwells_GRID_CP91_2022_Q3_Initial.csv	8/25/2022	CP91	37.503610	-122.411712	159.8
MONITOR_OX_MTNwells_GRID_CP92_2022_Q3_Initial.csv	8/25/2022	CP92	37.503508	-122.411852	0.0
MONITOR_OX_MTNwells_GRID_CP93_2022_Q3_Initial.csv	8/25/2022	CP93	37.503547	-122.411822	64.9
MONITOR_OX_MTNwells_GRID_CP94_2022_Q3_Initial.csv	8/25/2022	CP94	37.503518	-122.411713	60.9
MONITOR_OX_MTNwells_GRID_CP95_2022_Q3_Initial.csv	8/24/2022	CP95	37.501370	-122.414168	0.0
MONITOR_OX_MTNwells_GRID_CP96_2022_Q3_Initial.csv	8/24/2022	CP96	37.499317	-122.414067	1.8
MONITOR_OX_MTNwells_GRID_CP97_2022_Q3_Initial.csv	8/24/2022	CP97	37.501720	-122.414653	0.0
MONITOR_OX_MTNwells_GRID_CP98_2022_Q3_Initial.csv	8/24/2022	CP98	37.500995	-122.414963	0.0
MONITOR_OX_MTNwells_GRID_CP9_2022_Q3_Initial.csv	8/24/2022	CP9	37.496330	-122.412667	0.0
MONITOR_OX_MTNwells_GRID_E302D_2022_Q3_Initial.csv	8/24/2022	E302D	37.496708	-122.408143	23.2
MONITOR_OX_MTNwells_GRID_E306D_2022_Q3_Initial.csv	8/26/2022	E306D	37.496478	-122.409033	994.4
MONITOR_OX_MTNwells_GRID_E312D_2022_Q3_Initial.csv	8/24/2022	E312D	37.497957	-122.411738	0.0
MONITOR_OX_MTNwells_GRID_E316D_2022_Q3_Initial.csv	8/24/2022	E316D	37.501252	-122.413463	6.7
MONITOR_OX_MTNwells_GRID_E317D_2022_Q3_Initial.csv	8/24/2022	E317D	37.500612	-122.413593	0.0
MONITOR_OX_MTNwells_GRID_EW101_2022_Q3_Initial.csv	8/25/2022	EW101	37.504842	-122.409402	0.0
MONITOR_OX_MTNwells_GRID_EW104_2022_Q3_Initial.csv	8/24/2022	EW104	37.501640	-122.414700	0.0
MONITOR_OX_MTNwells_GRID_EW107_2022_Q3_Initial.csv	8/24/2022	EW107	37.501598	-122.414710	0.0
MONITOR_OX_MTNwells_GRID_EW113_2022_Q3_Initial.csv	8/24/2022	EW113	37.497503	-122.414598	0.0
MONITOR_OX_MTNwells_GRID_EW122_2022_Q3_Initial.csv	8/24/2022	EW122	37.495642	-122.410328	0.0
MONITOR_OX_MTNwells_GRID_EW126_2022_Q3_Initial.csv	8/24/2022	EW126	37.500073	-122.415228	395.2
MONITOR_OX_MTNwells_GRID_EW133B_2022_Q3_Initial.csv	8/24/2022	EW133B	37.497525	-122.414590	0.0
MONITOR_OX_MTNwells_GRID_EW134A_2022_Q3_Initial.csv	8/24/2022	EW134A	37.497523	-122.414598	0.0
MONITOR_OX_MTNwells_GRID_EW134B_2022_Q3_Initial.csv	8/24/2022	EW134B	37.497500	-122.414605	0.0
MONITOR_OX_MTNwells_GRID_EW137B_2022_Q3_Initial.csv	8/24/2022	EW137B	37.496360	-122.413223	0.0
MONITOR_OX_MTNwells_GRID_EW138_2022_Q3_Initial.csv	8/24/2022	EW138	37.496348	-122.413170	0.0
MONITOR_OX_MTNwells_GRID_EW145_2022_Q3_Initial.csv	8/24/2022	EW145	37.497908	-122.414580	0.0
MONITOR_OX_MTNwells_GRID_EW156R_2022_Q3_Initial.csv	8/25/2022	EW156R	37.506347	-122.406378	0.0
MONITOR_OX_MTNwells_GRID_EW156V_2022_Q3_Initial.csv	8/25/2022	EW156V	37.506450	-122.405940	0.0
MONITOR_OX_MTNwells_GRID_EW158_2022_Q3_Initial.csv	8/24/2022	EW158	37.501110	-122.414872	0.0
MONITOR_OX_MTNwells_GRID_EW159_2022_Q3_Initial.csv	8/24/2022	EW159	37.500895	-122.414953	0.0
MONITOR_OX_MTNwells_GRID_EW1601_2022_Q3_Initial.csv	8/25/2022	EW1601	37.502030	-122.411688	0.0
MONITOR_OX_MTNwells_GRID_EW1602_2022_Q3_Initial.csv	8/25/2022	EW1602	37.501623	-122.412550	0.0
MONITOR_OX_MTNwells_GRID_EW1611_2022_Q3_Initial.csv	8/25/2022	EW1611	37.499312	-122.411320	110.3
MONITOR_OX_MTNwells_GRID_EW1612_2022_Q3_Initial.csv	8/24/2022	EW1612	37.502170	-122.412590	0.0
MONITOR_OX_MTNwells_GRID_EW1614_2022_Q3_Initial.csv	8/24/2022	EW1614	37.499243	-122.413058	21.0
MONITOR_OX_MTNwells_GRID_EW1616_2022_Q3_Initial.csv	8/24/2022	EW1616	37.498490	-122.412233	0.0
MONITOR_OX_MTNwells_GRID_EW1617_2022_Q3_Initial.csv	8/24/2022	EW1617	37.498005	-122.412388	0.0
MONITOR_OX_MTNwells_GRID_EW1618_2022_Q3_Initial.csv	8/24/2022	EW1618	37.500033	-122.413093	0.0
MONITOR_OX_MTNwells_GRID_EW1619_2022_Q3_Initial.csv	8/24/2022	EW1619	37.496725	-122.412772	0.0
MONITOR_OX_MTNwells_GRID_EW1620_2022_Q3_Initial.csv	8/24/2022	EW1620	37.496677	-122.412100	0.0
MONITOR_OX_MTNwells_GRID_EW1621_2022_Q3_Initial.csv	8/24/2022	EW1621	37.497228	-122.412778	0.0
MONITOR_OX_MTNwells_GRID_EW1622_2022_Q3_Initial.csv	8/24/2022	EW1622	37.496752	-122.413552	0.0
MONITOR_OX_MTNwells_GRID_EW1625R_2022_Q3_Initial.csv	8/25/2022	EW1625R	37.502990	-122.410273	4.7



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MONITOR_OX_MTNwells_GRID_EW1626R_2022_Q3_Initial.csv	8/25/2022	EW1626R	37.502995	-122.410275	2.8
MONITOR_OX_MTNwells_GRID_EW162_2022_Q3_Initial.csv	8/24/2022	EW162	37.496272	-122.411910	0.0
MONITOR_OX_MTNwells_GRID_EW164_2022_Q3_Initial.csv	8/24/2022	EW164	37.496200	-122.411252	112.0
MONITOR_OX_MTNwells_GRID_EW1701_2022_Q3_Initial.csv	8/24/2022	EW1701	37.497525	-122.408445	0.0
MONITOR_OX_MTNwells_GRID_EW1702_2022_Q3_Initial.csv	8/24/2022	EW1702	37.497792	-122.408713	0.0
MONITOR_OX_MTNwells_GRID_EW1703_2022_Q3_Initial.csv	8/24/2022	EW1703	37.498113	-122.409430	2.7
MONITOR_OX_MTNwells_GRID_EW1705_2022_Q3_Initial.csv	8/24/2022	EW1705	37.498843	-122.411417	7.3
MONITOR_OX_MTNwells_GRID_EW170_2022_Q3_Initial.csv	8/25/2022	EW170	37.508690	-122.405115	0.0
MONITOR_OX_MTNwells_GRID_EW1711AR_2022_Q3_Initial.csv	8/25/2022	EW1711AR	37.502987	-122.410255	9.7
MONITOR_OX_MTNwells_GRID_EW1712AR_2022_Q3_Initial.csv	8/25/2022	EW1712AR	37.503013	-122.410280	8.8
MONITOR_OX_MTNwells_GRID_EW1713R_2022_Q3_Initial.csv	8/25/2022	EW1713R	37.502992	-122.410265	4.0
MONITOR_OX_MTNwells_GRID_EW1715_2022_Q3_Initial.csv	8/25/2022	EW1715	37.503240	-122.410125	0.0
MONITOR_OX_MTNwells_GRID_EW1716_2022_Q3_Initial.csv	8/25/2022	EW1716	37.507652	-122.406363	0.0
MONITOR_OX_MTNwells_GRID_EW1717_2022_Q3_Initial.csv	8/25/2022	EW1717	37.506837	-122.406357	0.0
MONITOR_OX_MTNwells_GRID_EW173_2022_Q3_Initial.csv	8/25/2022	EW173	37.507295	-122.405947	0.0
MONITOR_OX_MTNwells_GRID_EW174R_2022_Q3_Initial.csv	8/25/2022	EW174R	37.506422	-122.406363	0.0
MONITOR_OX_MTNwells_GRID_EW174V_2022_Q3_Initial.csv	8/25/2022	EW174V	37.506692	-122.405922	0.0
MONITOR_OX_MTNwells_GRID_EW175R_2022_Q3_Initial.csv	8/25/2022	EW175R	37.506300	-122.406353	0.0
MONITOR_OX_MTNwells_GRID_EW175V_2022_Q3_Initial.csv	8/25/2022	EW175V	37.506313	-122.406243	0.0
MONITOR_OX_MTNwells_GRID_EW176_2022_Q3_Initial.csv	8/25/2022	EW176	37.503310	-122.408607	0.0
MONITOR_OX_MTNwells_GRID_EW1801_2022_Q3_Initial.csv	8/24/2022	EW1801	37.498850	-122.413030	6.9
MONITOR_OX_MTNwells_GRID_EW1804_2022_Q3_Initial.csv	8/24/2022	EW1804	37.500635	-122.413038	2.6
MONITOR_OX_MTNwells_GRID_EW1805_2022_Q3_Initial.csv	8/24/2022	EW1805	37.501048	-122.412960	0.0
MONITOR_OX_MTNwells_GRID_EW1806_2022_Q3_Initial.csv	8/24/2022	EW1806	37.497383	-122.410790	0.0
MONITOR_OX_MTNwells_GRID_EW1807_2022_Q3_Initial.csv	8/24/2022	EW1807	37.498323	-122.410655	6.5
MONITOR_OX_MTNwells_GRID_EW1809_2022_Q3_Initial.csv	8/25/2022	EW1809	37.502727	-122.411307	0.0
MONITOR_OX_MTNwells_GRID_EW1810_2022_Q3_Initial.csv	8/25/2022	EW1810	37.508357	-122.405218	0.0
MONITOR_OX_MTNwells_GRID_EW1812_2022_Q3_Initial.csv	8/24/2022	EW1812	37.501413	-122.413830	436.4
MONITOR_OX_MTNwells_GRID_EW1813_2022_Q3_Initial.csv	8/24/2022	EW1813	37.498523	-122.411702	9.2
MONITOR_OX_MTNwells_GRID_EW1815_2022_Q3_Initial.csv	8/24/2022	EW1815	37.496840	-122.408440	3.6
MONITOR_OX_MTNwells_GRID_EW1816_2022_Q3_Initial.csv	8/24/2022	EW1816	37.498075	-122.408473	0.0
MONITOR_OX_MTNwells_GRID_EW1817_2022_Q3_Initial.csv	8/26/2022	EW1817	37.498802	-122.408903	8.4
MONITOR_OX_MTNwells_GRID_EW181_2022_Q3_Initial.csv	8/24/2022	EW181	37.501772	-122.413943	104.9
MONITOR_OX_MTNwells_GRID_EW1821_2022_Q3_Initial.csv	8/25/2022	EW1821	37.509737	-122.405623	0.0
MONITOR_OX_MTNwells_GRID_EW1822_2022_Q3_Initial.csv	8/25/2022	EW1822	37.509437	-122.405825	0.0
MONITOR_OX_MTNwells_GRID_EW1823_2022_Q3_Initial.csv	8/25/2022	EW1823	37.509145	-122.405973	0.0
MONITOR_OX_MTNwells_GRID_EW1824_2022_Q3_Initial.csv	8/25/2022	EW1824	37.508548	-122.405328	0.0
MONITOR_OX_MTNwells_GRID_EW1825_2022_Q3_Initial.csv	8/25/2022	EW1825	37.508152	-122.405303	0.0
MONITOR_OX_MTNwells_GRID_EW1826_2022_Q3_Initial.csv	8/24/2022	EW1826	37.501265	-122.414300	0.0
MONITOR_OX_MTNwells_GRID_EW182_2022_Q3_Initial.csv	8/24/2022	EW182	37.499242	-122.413752	4.4
MONITOR_OX_MTNwells_GRID_EW183_2022_Q3_Initial.csv	8/24/2022	EW183	37.498693	-122.414138	0.0
MONITOR_OX_MTNwells_GRID_EW184_2022_Q3_Initial.csv	8/24/2022	EW184	37.497610	-122.414060	0.0
MONITOR_OX_MTNwells_GRID_EW185_2022_Q3_Initial.csv	8/24/2022	EW185	37.497300	-122.413898	0.0
MONITOR_OX_MTNwells_GRID_EW186_2022_Q3_Initial.csv	8/24/2022	EW186	37.497940	-122.412895	101.6
MONITOR_OX_MTNwells_GRID_EW187_2022_Q3_Initial.csv	8/24/2022	EW187	37.497468	-122.412935	5.1
MONITOR_OX_MTNwells_GRID_EW188_2022_Q3_Initial.csv	8/24/2022	EW188	37.498687	-122.409295	775.6
MONITOR_OX_MTNwells_GRID_EW189_2022_Q3_Initial.csv	8/24/2022	EW189	37.497125	-122.411688	2.7
MONITOR_OX_MTNwells_GRID_EW1901_2022_Q3_Initial.csv	8/24/2022	EW1901	37.496620	-122.410443	30.9
MONITOR_OX_MTNwells_GRID_EW1902_2022_Q3_Initial.csv	8/24/2022	EW1902	37.497375	-122.408887	0.0
MONITOR_OX_MTNwells_GRID_EW1902_2022_Q3_Initial.csv	8/24/2022	EW1902	37.497883	-122.409200	7.7
MONITOR_OX_MTNwells_GRID_EW1904R_2022_Q3_Initial.csv	8/24/2022	EW1904R	37.498378	-122.409667	2.2
MONITOR_OX_MTNwells_GRID_EW1904V_2022_Q3_Initial.csv	8/24/2022	EW1904V	37.498203	-122.410112	20.5

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FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_EW190_2022_Q3_Initial.csv	8/24/2022	EW190	37.497948	-122.411552	0.0
MONITOR_OX_MTNwells_GRID_EW1911_2022_Q3_Initial.csv	8/24/2022	EW1911	37.501720	-122.412822	3.7
MONITOR_OX_MTNwells_GRID_EW1912_2022_Q3_Initial.csv	8/25/2022	EW1912	37.502020	-122.412263	4.0
MONITOR_OX_MTNwells_GRID_EW1913_2022_Q3_Initial.csv	8/24/2022	EW1913	37.502648	-122.413627	52.1
MONITOR_OX_MTNwells_GRID_EW1914_2022_Q3_Initial.csv	8/24/2022	EW1914	37.502760	-122.412410	58.3
MONITOR_OX_MTNwells_GRID_EW1915R_2022_Q3_Initial.csv	8/25/2022	EW1915R	37.506078	-122.406370	0.0
MONITOR_OX_MTNwells_GRID_EW1915V_2022_Q3_Initial.csv	8/25/2022	EW1915V	37.506050	-122.406160	0.0
MONITOR_OX_MTNwells_GRID_EW1916_2022_Q3_Initial.csv	8/26/2022	EW1916	37.507140	-122.407673	6.7
MONITOR_OX_MTNwells_GRID_EW1917_2022_Q3_Initial.csv	8/25/2022	EW1917	37.506460	-122.408007	0.0
MONITOR_OX_MTNwells_GRID_EW1919_2022_Q3_Initial.csv	8/25/2022	EW1919	37.509453	-122.406108	0.0
MONITOR_OX_MTNwells_GRID_EW191_2022_Q3_Initial.csv	8/25/2022	EW191	37.507182	-122.406637	0.0
MONITOR_OX_MTNwells_GRID_EW1921_2022_Q3_Initial.csv	8/25/2022	EW1921	37.508482	-122.405780	0.0
MONITOR_OX_MTNwells_GRID_EW192_2022_Q3_Initial.csv	8/25/2022	EW192	37.505110	-122.406952	0.0
MONITOR_OX_MTNwells_GRID_EW194_2022_Q3_Initial.csv	8/24/2022	EW194	37.500838	-122.414477	0.0
MONITOR_OX_MTNwells_GRID_EW196_2022_Q3_Initial.csv	8/24/2022	EW196	37.498758	-122.413607	0.0
MONITOR_OX_MTNwells_GRID_EW199_2022_Q3_Initial.csv	8/24/2022	EW199	37.498053	-122.413348	0.0
MONITOR_OX_MTNwells_GRID_EW2001_2022_Q3_Initial.csv	8/25/2022	EW2001	37.505422	-122.407488	0.0
MONITOR_OX_MTNwells_GRID_EW2002_2022_Q3_Initial.csv	8/25/2022	EW2002	37.506067	-122.406695	0.0
MONITOR_OX_MTNwells_GRID_EW2003_2022_Q3_Initial.csv	8/25/2022	EW2003	37.506762	-122.406800	0.0
MONITOR_OX_MTNwells_GRID_EW2004_2022_Q3_Initial.csv	8/25/2022	EW2004	37.507333	-122.406215	0.0
MONITOR_OX_MTNwells_GRID_EW2005_2022_Q3_Initial.csv	8/25/2022	EW2005	37.508197	-122.405825	0.0
MONITOR_OX_MTNwells_GRID_EW2007_2022_Q3_Initial.csv	8/25/2022	EW2007	37.508822	-122.405733	0.0
MONITOR_OX_MTNwells_GRID_EW2008_2022_Q3_Initial.csv	8/25/2022	EW2008	37.509237	-122.405390	0.0
MONITOR_OX_MTNwells_GRID_EW2009_2022_Q3_Initial.csv	8/25/2022	EW2009	37.505545	-122.408373	8.7
MONITOR_OX_MTNwells_GRID_EW200_2022_Q3_Initial.csv	8/24/2022	EW200	37.497470	-122.413350	0.0
MONITOR_OX_MTNwells_GRID_EW2010_2022_Q3_Initial.csv	8/25/2022	EW2010	37.506195	-122.408175	0.0
MONITOR_OX_MTNwells_GRID_EW2011_2022_Q3_Initial.csv	8/25/2022	EW2011	37.506828	-122.407397	0.0
MONITOR_OX_MTNwells_GRID_EW2012_2022_Q3_Initial.csv	8/25/2022	EW2012	37.505390	-122.406837	0.0
MONITOR_OX_MTNwells_GRID_EW201_2022_Q3_Initial.csv	8/24/2022	EW201	37.497222	-122.413535	0.0
MONITOR_OX_MTNwells_GRID_EW2020_2022_Q3_Initial.csv	8/24/2022	EW2020	37.496968	-122.408957	0.0
MONITOR_OX_MTNwells_GRID_EW2021_2022_Q3_Initial.csv	8/24/2022	EW2021	37.496762	-122.407915	7.5
MONITOR_OX_MTNwells_GRID_EW2022R_2022_Q3_Initial.csv	8/24/2022	EW2022R	37.498370	-122.409682	19.2
MONITOR_OX_MTNwells_GRID_EW2022V_2022_Q3_Initial.csv	8/24/2022	EW2022V	37.497775	-122.410137	173.3
MONITOR_OX_MTNwells_GRID_EW2023_2022_Q3_Initial.csv	8/24/2022	EW2023	37.498548	-122.409655	780.9
MONITOR_OX_MTNwells_GRID_EW2024_2022_Q3_Initial.csv	8/25/2022	EW2024	37.499420	-122.409720	0.0
MONITOR_OX_MTNwells_GRID_EW2026_2022_Q3_Initial.csv	8/25/2022	EW2026	37.499882	-122.409773	1456.1
MONITOR_OX_MTNwells_GRID_EW2028R_2022_Q3_Initial.csv	8/25/2022	EW2028R	37.500172	-122.409378	212.2
MONITOR_OX_MTNwells_GRID_EW2029_2022_Q3_Initial.csv	8/24/2022	EW2029	37.497883	-122.410977	0.0
MONITOR_OX_MTNwells_GRID_EW2030_2022_Q3_Initial.csv	8/24/2022	EW2030	37.498870	-122.412157	127.1
MONITOR_OX_MTNwells_GRID_EW203_2022_Q3_Initial.csv	8/24/2022	EW203	37.496727	-122.414523	0.0
MONITOR_OX_MTNwells_GRID_EW204_2022_Q3_Initial.csv	8/24/2022	EW204	37.496648	-122.413950	0.0
MONITOR_OX_MTNwells_GRID_EW205_2022_Q3_Initial.csv	8/24/2022	EW205	37.497507	-122.412115	0.0
MONITOR_OX_MTNwells_GRID_EW209_2022_Q3_Initial.csv	8/24/2022	EW209	37.497372	-122.409552	0.0
MONITOR_OX_MTNwells_GRID_EW2101_2022_Q3_Initial.csv	8/24/2022	EW2101	37.497288	-122.411272	0.0
MONITOR_OX_MTNwells_GRID_EW2102R_2022_Q3_Initial.csv	8/25/2022	EW2102R	37.499267	-122.411335	38.5
MONITOR_OX_MTNwells_GRID_EW2102V_2022_Q3_Initial.csv	8/24/2022	EW2102V	37.498867	-122.410998	819.4
MONITOR_OX_MTNwells_GRID_EW2103_2022_Q3_Initial.csv	8/25/2022	EW2103	37.499370	-122.410287	0.0
MONITOR_OX_MTNwells_GRID_EW2104_2022_Q3_Initial.csv	8/25/2022	EW2104	37.501708	-122.410220	740.4
MONITOR_OX_MTNwells_GRID_EW2106_2022_Q3_Initial.csv	8/25/2022	EW2106	37.502397	-122.411628	1464.7
MONITOR_OX_MTNwells_GRID_EW2107_2022_Q3_Initial.csv	8/25/2022	EW2107	37.505010	-122.407458	0.0
MONITOR_OX_MTNwells_GRID_EW2108_2022_Q3_Initial.csv	8/25/2022	EW2108	37.505860	-122.406932	0.0
MONITOR_OX_MTNwells_GRID_EW2109_2022_Q3_Initial.csv	8/25/2022	EW2109	37.506425	-122.407350	0.0

Summary of Instantaneous Targeted Penetrations Monitored  
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INITIAL MONITORING					
FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_EW210_2022_Q3_Initial.csv	8/24/2022	EW210	37.496283	-122.408695	779.9
MONITOR_OX_MTNwells_GRID_EW2110V_2022_Q3_Initial.csv	8/24/2022	EW2110V	37.498755	-122.410315	1689.5
MONITOR_OX_MTNwells_GRID_EW2110_2022_Q3_Initial.csv	8/24/2022	EW2110	37.498897	-122.410567	685.8
MONITOR_OX_MTNwells_GRID_EW2112_2022_Q3_Initial.csv	8/25/2022	EW2112	37.501808	-122.410050	41.1
MONITOR_OX_MTNwells_GRID_EW2113_2022_Q3_Initial.csv	8/25/2022	EW2113	37.501822	-122.411003	0.0
MONITOR_OX_MTNwells_GRID_EW300_2022_Q3_Initial.csv	8/24/2022	EW300	37.497023	-122.407817	0.0
MONITOR_OX_MTNwells_GRID_EW302_2022_Q3_Initial.csv	8/24/2022	EW302	37.496733	-122.408130	0.0
MONITOR_OX_MTNwells_GRID_EW303_2022_Q3_Initial.csv	8/26/2022	EW303	37.496285	-122.407838	3553.7
MONITOR_OX_MTNwells_GRID_EW306_2022_Q3_Initial.csv	8/24/2022	EW306	37.496467	-122.409008	2635.6
MONITOR_OX_MTNwells_GRID_EW307_2022_Q3_Initial.csv	8/24/2022	EW307	37.498565	-122.414700	0.0
MONITOR_OX_MTNwells_GRID_EW309_2022_Q3_Initial.csv	8/24/2022	EW309	37.497095	-122.409530	1.9
MONITOR_OX_MTNwells_GRID_EW310_2022_Q3_Initial.csv	8/24/2022	EW310	37.498573	-122.413247	261.2
MONITOR_OX_MTNwells_GRID_EW311_2022_Q3_Initial.csv	8/24/2022	EW311	37.496643	-122.411363	0.0
MONITOR_OX_MTNwells_GRID_EW312_2022_Q3_Initial.csv	8/24/2022	EW312	37.497945	-122.411747	0.0
MONITOR_OX_MTNwells_GRID_EW315_2022_Q3_Initial.csv	8/24/2022	EW315	37.497290	-122.408377	1.2
MONITOR_OX_MTNwells_GRID_EW316_2022_Q3_Initial.csv	8/24/2022	EW316	37.501282	-122.413472	3500.7
MONITOR_OX_MTNwells_GRID_EW317_2022_Q3_Initial.csv	8/24/2022	EW317	37.500632	-122.413605	0.0
MONITOR_OX_MTNwells_GRID_EW318_2022_Q3_Initial.csv	8/24/2022	EW318	37.499963	-122.413722	2.6
MONITOR_OX_MTNwells_GRID_EW319_2022_Q3_Initial.csv	8/24/2022	EW319	37.499367	-122.413325	0.0
MONITOR_OX_MTNwells_GRID_EW320_2022_Q3_Initial.csv	8/24/2022	EW320	37.498273	-122.411243	5.1
MONITOR_OX_MTNwells_GRID_EW322_2022_Q3_Initial.csv	8/24/2022	EW322	37.502133	-122.413260	11.2
MONITOR_OX_MTNwells_GRID_EW323_2022_Q3_Initial.csv	8/24/2022	EW323	37.502413	-122.412060	10.9
MONITOR_OX_MTNwells_GRID_EW325_2022_Q3_Initial.csv	8/25/2022	EW325	37.501828	-122.411333	0.0
MONITOR_OX_MTNwells_GRID_EW328_2022_Q3_Initial.csv	8/25/2022	EW328	37.501493	-122.412117	4.3
MONITOR_OX_MTNwells_GRID_EW59_2022_Q3_Initial.csv	8/25/2022	EW59	37.507718	-122.405747	0.0
MONITOR_OX_MTNwells_GRID_EW72_2022_Q3_Initial.csv	8/24/2022	EW72	37.500115	-122.415200	265.4
MONITOR_OX_MTNwells_GRID_EW99_2022_Q3_Initial.csv	8/25/2022	EW99	37.504673	-122.406327	0.0
MONITOR_OX_MTNwells_GRID_EWHC1_2022_Q3_Initial.csv	8/24/2022	EWHC1	37.499155	-122.415227	3156.6
MONITOR_OX_MTNwells_GRID_EWHC6A_2022_Q3_Initial.csv	8/25/2022	EWHC6A	37.506340	-122.406385	0.0
MONITOR_OX_MTNwells_GRID_EWW05_2022_Q3_Initial.csv	8/25/2022	EWW05	37.505340	-122.408130	15.9
MONITOR_OX_MTNwells_GRID_EWW06_2022_Q3_Initial.csv	8/25/2022	EWW06	37.504678	-122.408422	43.6
MONITOR_OX_MTNwells_GRID_EWW08_2022_Q3_Initial.csv	8/25/2022	EWW08	37.504748	-122.407098	0.0
MONITOR_OX_MTNwells_GRID_EWW15_2022_Q3_Initial.csv	8/25/2022	EWW15	37.503278	-122.409155	0.0
MONITOR_OX_MTNwells_GRID_EWW17_2022_Q3_Initial.csv	8/25/2022	EWW17	37.503442	-122.410080	35.7
MONITOR_OX_MTNwells_GRID_EWW18R_2022_Q3_Initial.csv	8/25/2022	EWW18R	37.503315	-122.410780	171.9
MONITOR_OX_MTNwells_GRID_EWW18V_2022_Q3_Initial.csv	8/25/2022	EWW18V	37.503150	-122.410825	1.1
MONITOR_OX_MTNwells_GRID_EWW1G_2022_Q3_Initial.csv	8/25/2022	EWW1G	37.506173	-122.408338	0.0
MONITOR_OX_MTNwells_GRID_EWW1I_2022_Q3_Initial.csv	8/25/2022	EWW1I	37.505598	-122.408677	0.0
MONITOR_OX_MTNwells_GRID_EWW1J_2022_Q3_Initial.csv	8/25/2022	EWW1J	37.505320	-122.408852	0.0
MONITOR_OX_MTNwells_GRID_EWW1K_2022_Q3_Initial.csv	8/25/2022	EWW1K	37.504932	-122.409165	0.0
MONITOR_OX_MTNwells_GRID_EWW1S_2022_Q3_Initial.csv	8/25/2022	EWW1S	37.504323	-122.410322	6.5
MONITOR_OX_MTNwells_GRID_EWW26R_2022_Q3_Initial.csv	8/25/2022	EWW26R	37.503320	-122.410763	48.5
MONITOR_OX_MTNwells_GRID_HC1922_2022_Q3_Initial.csv	8/25/2022	HC1922	37.501792	-122.411333	0.0
MONITOR_OX_MTNwells_GRID_HC2013_2022_Q3_Initial.csv	8/25/2022	HC2013	37.503253	-122.410120	0.0
MONITOR_OX_MTNwells_GRID_HCF03_2022_Q3_Initial.csv	8/24/2022	HCF03	37.495467	-122.410808	0.0
MONITOR_OX_MTNwells_GRID_HCF04_2022_Q3_Initial.csv	8/24/2022	HCF04	37.495465	-122.410812	0.0
MONITOR_OX_MTNwells_GRID_HCF06_2022_Q3_Initial.csv	8/24/2022	HCF06	37.495477	-122.410807	0.0
MONITOR_OX_MTNwells_GRID_LCRS07_2022_Q3_Initial.csv	8/24/2022	LCRS07	37.497865	-122.407458	95.3
MONITOR_OX_MTNwells_GRID_LCRS3A_2022_Q3_Initial.csv	8/24/2022	LCRS3A	37.496342	-122.413227	0.0
MONITOR_OX_MTNwells_GRID_LCRS3B_2022_Q3_Initial.csv	8/24/2022	LCRS3B	37.496338	-122.413222	0.0
MONITOR_OX_MTNwells_GRID_LCRS7B_2022_Q3_Initial.csv	8/24/2022	LCRS7B	37.497855	-122.407452	45.4
MONITOR_OX_MTNwells_GRID_PEW30A_2022_Q3_Initial.csv	8/25/2022	PEW30A	37.507298	-122.407375	0.0

Summary of Instantaneous Targeted Penetrations Monitored  
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INITIAL MONITORING					
FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_PEW30_2022_Q3_Initial.csv	8/25/2022	PEW30	37.507210	-122.407317	0.0
MONITOR_OX_MTNwells_GRID_PEW31_2022_Q3_Initial.csv	8/25/2022	PEW31	37.506632	-122.407758	0.0
MONITOR_OX_MTNwells_GRID_PEW32_2022_Q3_Initial.csv	8/25/2022	PEW32	37.506067	-122.406380	0.0
MONITOR_OX_MTNwells_GRID_PEW33_2022_Q3_Initial.csv	8/25/2022	PEW33	37.505468	-122.406507	0.0
MONITOR_OX_MTNwells_GRID_PEW35_2022_Q3_Initial.csv	8/25/2022	PEW35	37.506023	-122.407357	0.0
MONITOR_OX_MTNwells_GRID_PEW36_2022_Q3_Initial.csv	8/26/2022	PEW36	37.505878	-122.407855	0.0
MONITOR_OX_MTNwells_GRID_PEW44_2022_Q3_Initial.csv	8/25/2022	PEW44	37.504033	-122.410128	0.0
MONITOR_OX_MTNwells_GRID_PEW46_2022_Q3_Initial.csv	8/25/2022	PEW46	37.503238	-122.410118	0.0
MONITOR_OX_MTNwells_GRID_SUMP1_2022_Q3_Initial.csv	8/25/2022	SUMP1	37.506137	-122.405983	0.0
MONITOR_OX_MTNwells_GRID_SUMP2_2022_Q3_Initial.csv	8/24/2022	SUMP2	37.499130	-122.415260	42.1
MONITOR_OX_MTNwells_GRID_TLTS01_2022_Q3_Initial.csv	8/24/2022	TLTS01	37.498658	-122.415008	0.0
MONITOR_OX_MTNwells_GRID_TLTS02_2022_Q3_Initial.csv	8/24/2022	TLTS02	37.497958	-122.414837	0.0
MONITOR_OX_MTNwells_GRID_TLTS03_2022_Q3_Initial.csv	8/24/2022	TLTS03	37.497552	-122.414778	0.0
MONITOR_OX_MTNwells_GRID_TLTS04_2022_Q3_Initial.csv	8/26/2022	TLTS04	37.496420	-122.413992	0.0
MONITOR_OX_MTNwells_GRID_TLTS05_2022_Q3_Initial.csv	8/24/2022	TLTS05	37.496407	-122.413585	0.0
MONITOR_OX_MTNwells_GRID_TLTS06_2022_Q3_Initial.csv	8/24/2022	TLTS06	37.496388	-122.413290	0.0
MONITOR_OX_MTNwells_GRID_TLTS07_2022_Q3_Initial.csv	8/24/2022	TLTS07	37.496367	-122.413115	0.0
MONITOR_OX_MTNwells_GRID_TLTS08_2022_Q3_Initial.csv	8/24/2022	TLTS08	37.496345	-122.412802	0.0
MONITOR_OX_MTNwells_GRID_TLTS09_2022_Q3_Initial.csv	8/26/2022	TLTS09	37.496315	-122.412657	0.0
MONITOR_OX_MTNwells_GRID_TLTS10_2022_Q3_Initial.csv	8/24/2022	TLTS10	37.496242	-122.412150	0.0
MONITOR_OX_MTNwells_GRID_TLTS11_2022_Q3_Initial.csv	8/24/2022	TLTS11	37.496223	-122.411782	0.0
MONITOR_OX_MTNwells_GRID_TLTS12_2022_Q3_Initial.csv	8/24/2022	TLTS12	37.496170	-122.411420	0.0
MONITOR_OX_MTNwells_GRID_TLTS15_2022_Q3_Initial.csv	8/24/2022	TLTS15	37.495915	-122.410238	0.0
MONITOR_OX_MTNwells_GRID_TLTS16_2022_Q3_Initial.csv	8/24/2022	TLTS16	37.495743	-122.409767	0.0
MONITOR_OX_MTNwells_GRID_TLTS17_2022_Q3_Initial.csv	8/24/2022	TLTS17	37.495597	-122.409418	0.0
MONITOR_OX_MTNwells_GRID_TLTS18_2022_Q3_Initial.csv	8/24/2022	TLTS18	37.495495	-122.409052	0.0
MONITOR_OX_MTNwells_GRID_TLTS19_2022_Q3_Initial.csv	8/24/2022	TLTS19	37.495572	-122.408507	0.0
MONITOR_OX_MTNwells_GRID_TLTS20_2022_Q3_Initial.csv	8/24/2022	TLTS20	37.495793	-122.407987	0.0

**Table 3**  
**SUMMARY OF INSTANTANEOUS METHANE CONCENTRATIONS BETWEEN 200-499 PPMV**  
**3Q2022 Ox Mountain Landfill**

INITIAL MONITORING						
FILE NAME	DATE	GRID / Penetration ID	Point ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_ox_mnt_GRID_167_2022_Q3_Initial.csv	9/2/2022	167	81	37.499517	-122.408218	222.7
MONITOR_ox_mnt_GRID_167_2022_Q3_Initial.csv	9/2/2022	167	87	37.499447	-122.408243	217.8
MONITOR_ox_mnt_GRID_167_2022_Q3_Initial.csv	9/2/2022	167	96	37.499295	-122.408280	227.2
MONITOR_ox_mnt_GRID_167_2022_Q3_Initial.csv	9/2/2022	167	103	37.499178	-122.408223	266.5
MONITOR_ox_mnt_GRID_167_2022_Q3_Initial.csv	9/2/2022	167	110	37.499147	-122.408215	297.8
MONITOR_ox_mnt_GRID_167_2022_Q3_Initial.csv	9/2/2022	167	153	37.498785	-122.408090	307.1
MONITOR_ox_mnt_GRID_168_2022_Q3_Initial.csv	9/3/2022	168	95	37.498448	-122.407833	251.5
MONITOR_ox_mnt_GRID_168_2022_Q3_Initial.csv	9/3/2022	168	98	37.498455	-122.407833	450.0
MONITOR_ox_mnt_GRID_168_2022_Q3_Initial.csv	9/3/2022	168	99	37.498448	-122.407828	269.8
MONITOR_ox_mnt_GRID_168_2022_Q3_Initial.csv	9/3/2022	168	106	37.498535	-122.407888	314.4
MONITOR_ox_mnt_GRID_65_2022_Q3_Initial.csv	9/3/2022	65	8	37.502340	-122.409228	349.6
MONITOR_ox_mnt_GRID_65_2022_Q3_Initial.csv	9/3/2022	65	84	37.502707	-122.409440	208.7
MONITOR_ox_mnt_GRID_104_2022_Q3_Initial.csv	8/29/2022	104	82	37.503645	-122.411557	220.5
MONITOR_ox_mtn_GRID_128_2022_Q3_Initial.csv	8/29/2022	128	15	37.503278	-122.412672	339.5
MONITOR_ox_mtn_GRID_23_2022_Q3_Initial.csv	8/29/2022	23	6	37.507677	-122.407290	281.2
MONITOR_ox_mtn_GRID_23_2022_Q3_Initial.csv	8/29/2022	23	11	37.507665	-122.407328	313.4
MONITOR_ox_mtn_GRID_61_2022_Q3_Initial.csv	8/31/2022	61	34	37.498407	-122.408728	231.5
MONITOR_ox_mtn_GRID_73_2022_Q3_Initial.csv	8/30/2022	73	41	37.501828	-122.409643	200.5
MONITOR_ox_mtn_GRID_80_2022_Q3_Initial.csv	8/30/2022	80	90	37.502645	-122.409960	218.2
MONITOR_ox_mtn_GRID_83_2022_Q3_Initial.csv	8/31/2022	83	84	37.498262	-122.410077	245.8
MONITOR_ox_mtn_GRID_87_2022_Q3_Initial.csv	8/30/2022	87	17	37.502203	-122.410240	299.0
MONITOR_ox_mtn_GRID_87_2022_Q3_Initial.csv	8/30/2022	87	39	37.501515	-122.410263	241.5
MONITOR_ox_mtn_GRID_87_2022_Q3_Initial.csv	8/30/2022	87	71	37.502633	-122.410372	213.6
MONITOR_ox_mtn_GRID_87_2022_Q3_Initial.csv	8/30/2022	87	75	37.502787	-122.410372	265.6
MONITOR_ox_mtn_GRID_87_2022_Q3_Initial.csv	8/30/2022	87	92	37.502297	-122.410512	202.2
MONITOR_ox_mtn_GRID_8_2022_Q3_Initial.csv	8/27/2022	8	59	37.508867	-122.406375	461.8
MONITOR_ox_mtn_GRID_93_2022_Q3_Initial.csv	8/30/2022	93	29	37.501737	-122.410683	231.2
MONITOR_ox_mtn_GRID_93_2022_Q3_Initial.csv	8/30/2022	93	30	37.501715	-122.410710	302.9
MONITOR_ox_mtn_GRID_93_2022_Q3_Initial.csv	8/30/2022	93	35	37.501525	-122.410722	474.3
MONITOR_ox_mtn_GRID_96_2022_Q3_Initial.csv	8/31/2022	96	77	37.498255	-122.410623	239.5
MONITOR_ox_mtn_GRID_96_2022_Q3_Initial.csv	8/31/2022	96	112	37.498613	-122.410637	235.8
MONITOR_OX_MTNwells_GRID_CP29_2022_Q3_Initial.csv	8/25/2022	CP29	1	37.499330	-122.411583	344.4
MONITOR_OX_MTNwells_GRID_CP72_2022_Q3_Initial.csv	8/24/2022	CP72	1	37.499300	-122.415295	349.4
MONITOR_OX_MTNwells_GRID_CP89_2022_Q3_Initial.csv	8/24/2022	CP89	2	37.498492	-122.407803	261.3
MONITOR_OX_MTNwells_GRID_CP90_2022_Q3_Initial.csv	8/25/2022	CP90	1	37.503583	-122.411717	270.9
MONITOR_OX_MTNwells_GRID_EW126_2022_Q3_Initial.csv	8/24/2022	EW126	1	37.500073	-122.415228	395.2
MONITOR_OX_MTNwells_GRID_EW1812_2022_Q3_Initial.csv	8/24/2022	EW1812	1	37.501413	-122.413830	436.4
MONITOR_OX_MTNwells_GRID_EW2028R_2022_Q3_Initial.csv	8/25/2022	EW2028R	1	37.500172	-122.409378	212.2
MONITOR_OX_MTNwells_GRID_EW310_2022_Q3_Initial.csv	8/24/2022	EW310	1	37.498573	-122.413247	261.2
MONITOR_OX_MTNwells_GRID_EW72_2022_Q3_Initial.csv	8/24/2022	EW72	1	37.500115	-122.415200	265.4

**Table 4**  
**SUMMARY OF INSTANTANEOUS MONITORING POINTS**  
**WITH METHANE CONCENTRATIONS ≥500 PPMV**  
**(INCLUDING RETESTING RESULTS)**  
**302022 Ox Mountain Landfill**

INITIAL MONITORING						FIRST 10DAY		SECOND 10DAY		MONTH CONFIRMATION	
FILE NAME	DATE	POINT ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)	DATE	METHANE CONCENTRATION (ppmv)	DATE	METHANE CONCENTRATION (ppmv)	DATE	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_CP21_2022_Q3_Initial.csv	8/24/2022	CP21	37.500068	-122.415248	2460.2	9/2/2022	189.7	NA	NA	9/23/2022	25.5
MONITOR_OX_MTNwells_GRID_CP39_2022_Q3_Initial.csv	8/24/2022	CP39	37.499130	-122.415245	1927.4	9/2/2022	6.9	NA	NA	9/9/2022	116.0
MONITOR_OX_MTNwells_GRID_CP82_2022_Q3_Initial.csv	8/24/2022	CP82	37.499340	-122.408220	1391.5	9/2/2022	0.0	NA	NA	9/23/2022	105.7
MONITOR_OX_MTNwells_GRID_EW188_2022_Q3_Initial.csv	8/24/2022	EW1808 <sup>1</sup>	37.498687	-122.409295	775.6	9/2/2022	72.0	NA	NA	9/23/2022	189.7
MONITOR_OX_MTNwells_GRID_EW2023_2022_Q3_Initial.csv	8/24/2022	EW2023	37.498548	-122.409655	780.9	9/2/2022	83.3	NA	NA	9/23/2022	0.0
MONITOR_OX_MTNwells_GRID_EW2102V_2022_Q3_Initial.csv	8/24/2022	EW2102V	37.498867	-122.410998	819.4	9/2/2022	2.5	NA	NA	9/9/2022	38.0
MONITOR_OX_MTNwells_GRID_EW210_2022_Q3_Initial.csv	8/24/2022	EW210	37.496283	-122.408695	779.9	9/2/2022	17.9	NA	NA	9/9/2022	21.0
MONITOR_OX_MTNwells_GRID_EW2110V_2022_Q3_Initial.csv	8/24/2022	EW2110V	37.498755	-122.410315	1689.5	9/2/2022	5.0	NA	NA	9/9/2022	2.0
MONITOR_OX_MTNwells_GRID_EW2110_2022_Q3_Initial.csv	8/24/2022	EW2110	37.498897	-122.410567	685.8	9/2/2022	249.9	NA	NA	9/23/2022	163.6
MONITOR_OX_MTNwells_GRID_EW306_2022_Q3_Initial.csv	8/24/2022	EW306	37.496467	-122.409008	2635.6	9/2/2022	0.0	NA	NA	9/9/2022	0.0
MONITOR_OX_MTNwells_GRID_EW316_2022_Q3_Initial.csv	8/24/2022	EW316	37.501282	-122.413472	3500.7	9/2/2022	52.1	NA	NA	9/23/2022	11.2
MONITOR_OX_MTNwells_GRID_EWHC1_2022_Q3_Initial.csv	8/24/2022	EWHC1	37.499155	-122.415227	3156.6	9/2/2022	128.6	NA	NA	9/9/2022	12.0
MONITOR_OX_MTNwells_GRID_EW2026_2022_Q3_Initial.csv	8/25/2022	EW2026	37.499882	-122.409773	1456.1	9/2/2022	5.0	NA	NA	9/9/2022	22.0
MONITOR_OX_MTNwells_GRID_CP28_2022_Q3_Initial.csv	8/25/2022	CP28	37.499318	-122.411215	4589.0	9/2/2022	7.5	NA	NA	9/9/2022	48.0
MONITOR_OX_MTNwells_GRID_EW2104_2022_Q3_Initial.csv	8/25/2022	EW2014 <sup>2</sup>	37.501708	-122.410220	740.4	9/2/2022	110.2	NA	NA	9/23/2022	51.9
MONITOR_OX_MTNwells_GRID_EW2106_2022_Q3_Initial.csv	8/25/2022	EW2106	37.502397	-122.411628	1464.7	9/2/2022	29.3	NA	NA	9/23/2022	169.6
MONITOR_OX_MTNwells_GRID_EW303_2022_Q3_Initial.csv	8/26/2022	EW303 <sup>3</sup>	37.496265	-122.407852	3554.0	9/2/2022	DECOM	DECOM	DECOM	DECOM	DECOM
MONITOR_OX_MTNwells_GRID_E306D_2022_Q3_Initial.csv	8/26/2022	E306D	37.496457	-122.409005	994.6	9/2/2022	0.0	NA	NA	9/9/2022	0.0
MONITOR_ox_mtn_GRID_128_2022_Q3_Initial.csv	8/29/2022	16	37.503265	-122.412650	1747.8	9/9/2022	3125.0	9/23/2022	18.3	9/28/2022	0.0
MONITOR_ox_mtn_GRID_46_2022_Q3_Initial.csv	8/30/2022	67	37.496523	-122.408118	1456.4	9/9/2022	36122.0	9/23/2022	52.5	9/28/2022	0.0
MONITOR_ox_mtn_GRID_87_2022_Q3_Initial.csv	8/30/2022	45	37.501590	-122.410290	1842.2	9/9/2022	5255.0	9/23/2022	143.2	9/28/2022	62.0
MONITOR_ox_mtn_GRID_96_2022_Q3_Initial.csv	8/31/2022	118	37.498648	-122.410612	1423.9	9/9/2022	1525.0	9/23/2022	132.9	9/28/2022	188.1
MONITOR_ox_mnt_GRID_59_2022_Q2_Initial.csv	9/2/2022	71	37.499325	-122.408383	886.7	9/9/2022	0.0	NA	NA	9/28/2022	0.0
MONITOR_ox_mnt_GRID_168_2022_Q2_Initial.csv	9/3/2022	101	37.498462	-122.407813	547.8	9/9/2022	6.0	NA	NA	9/28/2022	0.0
MONITOR_ox_mnt_GRID_168_2022_Q2_Initial.csv	9/3/2022	107	37.498553	-122.407895	1843.7	9/9/2022	210.0	NA	NA	9/28/2022	0.0
MONITOR_ox_mnt_GRID_168_2022_Q2_Initial.csv	9/3/2022	108	37.498573	-122.407905	1777.7	9/9/2022	25.0	NA	NA	9/28/2022	99.1
MONITOR_ox_mnt_GRID_167_2022_Q2_Initial.csv	9/3/2022	156 <sup>4</sup>	37.498772	-122.408082	2142.8	9/9/2022	792.0	9/23/2022	162.3	9/28/2022	14.4
MONITOR_ox_mnt_GRID_999_2022_Q2_Initial.csv	9/3/2022	109 <sup>5</sup>	37.499720	-122.408067	3157.0	9/9/2022	5651.0	9/23/2022	8.0	9/28/2022	0.0

1. Point EW188 was recorded in the Nomad, but the well ID of this well is actually EW1808.
2. Point EW2104 was recorded in the Nomad, but the well ID of this well is actually EW2014
3. This well was removed capped and buried, therefore no monitoring is necessary.
4. Grid 167 was covered under a 118 construction plan during the period of monitoring, the testing was performed to assist with the construction plan.
5. Point 109 was recorded in the Nomad under Grid 999, but this point was recorded while walking the Waste-in-place Perimeter.

## APPENDIX D

### CALIBRATION LOGS

<b>MONITORING TYPE</b> VERIFICATION SUMMARY	<b>INSTRUMENT ID</b> 8860FAGE6F6	<b>FILE SAVE TIME</b> 8/24/2022 9:29	<b>AVG PRECISION (%)</b> 0.1	<b>AVG RESPONSE TIME (SECONDS)</b> 5.3
<b>OPERATOR NAME</b> FSH				
<b>CAL GAS SERIAL NUMBER</b>	<b>DETECTOR CONCENTRATION (ppm)</b>	<b>DIFFERENCE (ppm)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>
	500	0	0	0
	500.2	0.2	0	0
	501.8	1.8	0.4	0
<b>CAL GAS SERIAL NUMBER</b>	<b>TARGET CONCENTRATION (ppm)</b>	<b>INITIAL CONCENTRATION (ppm)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIME STAMP</b>
	475.6	0	5	8/24/2022 9:28
	475.6	0	6	8/24/2022 9:29
	475.6	0	5	8/24/2022 9:29
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>INSTRUMENT ID</b> 8860F62C147	<b>FILE SAVE TIME</b> 8/24/2022 9:33	<b>AVG PRECISION (%)</b> -0.4	<b>AVG RESPONSE TIME (SECONDS)</b> 5.3	<b>INSTRUMENT ID</b> 8860F62C147
<b>OPERATOR NAME</b> FSH				
<b>CAL GAS SERIAL NUMBER</b>	<b>DETECTOR CONCENTRATION (ppm)</b>	<b>DIFFERENCE (ppm)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>
	500	-2.1	-0.4	0
	497.9	-2.1	-0.4	0
	498.3	-1.7	-0.3	0
	498	-2	-0.4	0
<b>CAL GAS SERIAL NUMBER</b>	<b>TARGET CONCENTRATION (ppm)</b>	<b>INITIAL CONCENTRATION (ppm)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIME STAMP</b>
	473.2	0	6	8/24/2022 9:32
	473.2	0	5	8/24/2022 9:33
	473.2	0	5	8/24/2022 9:33
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>INSTRUMENT ID</b> 8860FAGE68F	<b>FILE SAVE TIME</b> 8/24/2022 21:33	<b>AVG PRECISION (%)</b> -0.7	<b>AVG RESPONSE TIME (SECONDS)</b> 4.3	<b>INSTRUMENT ID</b> 8860FAGE68F
<b>OPERATOR NAME</b> V				
<b>CAL GAS SERIAL NUMBER</b>	<b>DETECTOR CONCENTRATION (ppm)</b>	<b>DIFFERENCE (ppm)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>
	500	-3.4	-0.7	0
	496.6	-3.4	-0.6	0
	496.9	-3.1	-0.6	0
	496.3	-3.7	-0.7	0
<b>CAL GAS SERIAL NUMBER</b>	<b>TARGET CONCENTRATION (ppm)</b>	<b>INITIAL CONCENTRATION (ppm)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIME STAMP</b>
	471.8	0	5	8/24/2022 21:32
	471.8	0	4	8/24/2022 21:33
	471.8	0	4	8/24/2022 21:33
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>INSTRUMENT ID</b> 000780DABAC4	<b>FILE SAVE TIME</b> 8/25/2022 10:19	<b>AVG PRECISION (%)</b> -1.3	<b>AVG RESPONSE TIME (SECONDS)</b> 4.3	<b>INSTRUMENT ID</b> 000780DABAC4
<b>OPERATOR NAME</b> V				
<b>CAL GAS SERIAL NUMBER</b>	<b>DETECTOR CONCENTRATION (ppm)</b>	<b>DIFFERENCE (ppm)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>
	500	-7	-1.4	0
	493	-6.3	-1.3	0
	493.7	-6.3	-1.3	0
	493.3	-6.7	-1.3	0
<b>CAL GAS SERIAL NUMBER</b>	<b>TARGET CONCENTRATION (ppm)</b>	<b>INITIAL CONCENTRATION (ppm)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIME STAMP</b>
	446.7	0	3	8/25/2022 10:18
	445.7	14.5	3	8/25/2022 10:18
	468.7	0	5	8/25/2022 10:19
	468.7	0	5	8/25/2022 10:19
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>INSTRUMENT ID</b> 8860F62C147	<b>FILE SAVE TIME</b> 8/25/2022 10:20	<b>AVG PRECISION (%)</b> 0	<b>AVG RESPONSE TIME (SECONDS)</b> 5	<b>INSTRUMENT ID</b> 8860F62C147
<b>OPERATOR NAME</b> FSH				
<b>CAL GAS SERIAL NUMBER</b>	<b>DETECTOR CONCENTRATION (ppm)</b>	<b>DIFFERENCE (ppm)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>
	500	-0.4	-0.1	0
	499.6	1.6	0.3	0
	501.6	-1.6	-0.3	0
	498.4	-1.6	-0.3	0
<b>CAL GAS SERIAL NUMBER</b>	<b>TARGET CONCENTRATION (ppm)</b>	<b>INITIAL CONCENTRATION (ppm)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIME STAMP</b>
	474.9	0	5	8/25/2022 10:19
	474.9	0	5	8/25/2022 10:20
	474.9	0	5	8/25/2022 10:20
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>INSTRUMENT ID</b> 8860FAGE6F6	<b>FILE SAVE TIME</b> 8/25/2022 10:21	<b>AVG PRECISION (%)</b> -1	<b>AVG RESPONSE TIME (SECONDS)</b> 4.7	<b>INSTRUMENT ID</b> 8860FAGE6F6
<b>OPERATOR NAME</b> FSH				
<b>CAL GAS SERIAL NUMBER</b>	<b>DETECTOR CONCENTRATION (ppm)</b>	<b>DIFFERENCE (ppm)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>
	500	-5.2	-1	0
	498.8	-5.5	-1.1	0
	498.5	-3.9	-0.8	0
	496.1	-3.9	-0.8	0
<b>CAL GAS SERIAL NUMBER</b>	<b>TARGET CONCENTRATION (ppm)</b>	<b>INITIAL CONCENTRATION (ppm)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIME STAMP</b>
	470.4	0	4	8/25/2022 10:20
	470.4	0	5	8/25/2022 10:21
	470.4	0	5	8/25/2022 10:21
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>INSTRUMENT ID</b> 8860F62C147	<b>FILE SAVE TIME</b> 8/26/2022 9:27	<b>AVG PRECISION (%)</b> -0.4	<b>AVG RESPONSE TIME (SECONDS)</b> 5.3	<b>INSTRUMENT ID</b> 8860F62C147
<b>OPERATOR NAME</b> FSH				
<b>CAL GAS SERIAL NUMBER</b>	<b>DETECTOR CONCENTRATION (ppm)</b>	<b>DIFFERENCE (ppm)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>
	500	-2.3	-0.5	0
	497.7	-1.9	-0.4	0
	498.1	-1.8	-0.4	0
	498.2	-1.9	-0.4	0
<b>CAL GAS SERIAL NUMBER</b>	<b>TARGET CONCENTRATION (ppm)</b>	<b>INITIAL CONCENTRATION (ppm)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIME STAMP</b>
	473.1	0	5	8/26/2022 9:26
	473.1	0	6	8/26/2022 9:27
	473.1	0	5	8/26/2022 9:27
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS TYPE</b> CH4 (Methane) CH4 (Methane) CH4 (Methane)			



<b>MONITORING TYPE</b> VERIFICATION SUMMARY		<b>OPERATOR NAME</b> FSJ	<b>FILE SAVE TIME</b> 8/27/2022 13:25	<b>AVG PRECISION (%)</b> -1.3	<b>AVG RESPONSE TIME (SECONDS)</b> 4.3	<b>DETECTOR CONCENTRATION (ppmv)</b> 493.5 491.7 495.9	<b>DIFFERENCE (%)</b> -1.3 -1.7 -0.8	<b>ZERO AIR PPM</b> 0 0 0	<b>TIMESTAMP</b> 8/27/2022 13:23 8/27/2022 13:23 8/27/2022 13:23	<b>INSTRUMENT ID</b> 8880FA6E6F6 8880FA6E6F6 8880FA6E6F6
<b>MONITORING TYPE</b> PRECISION MEASUREMENT		<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>		<b>DIFFERENCE (%)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>TIME STAMP</b>	<b>INSTRUMENT ID</b>
<b>MONITORING TYPE</b> PRECISION MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> VERIFICATION SUMMARY		<b>OPERATOR NAME</b> FSJ	<b>FILE SAVE TIME</b> 8/29/2022 9:50	<b>AVG PRECISION (%)</b> -0.3	<b>AVG RESPONSE TIME (SECONDS)</b> 5.7	<b>DETECTOR CONCENTRATION (ppmv)</b> 499 498.2 498.7	<b>DIFFERENCE (%)</b> -0.2 -0.4 -0.3	<b>ZERO AIR PPM</b> 0 0 0	<b>TIMESTAMP</b> 8/29/2022 9:47 8/29/2022 9:48 8/29/2022 9:48	<b>INSTRUMENT ID</b> 8880FA6E6F6 8880FA6E6F6 8880FA6E6F6
<b>MONITORING TYPE</b> PRECISION MEASUREMENT		<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>		<b>DIFFERENCE (%)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>TIME STAMP</b>	<b>INSTRUMENT ID</b>
<b>MONITORING TYPE</b> PRECISION MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> VERIFICATION SUMMARY		<b>OPERATOR NAME</b> J	<b>FILE SAVE TIME</b> 8/29/2022 12:20	<b>AVG PRECISION (%)</b> -1	<b>AVG RESPONSE TIME (SECONDS)</b> 3.7	<b>DETECTOR CONCENTRATION (ppmv)</b> 495.9 492.9 496	<b>DIFFERENCE (%)</b> -0.8 -1.4 -0.8	<b>ZERO AIR PPM</b> 0 0 0	<b>TIMESTAMP</b> 8/29/2022 12:18 8/29/2022 12:18 8/29/2022 12:18	<b>INSTRUMENT ID</b> 000780DABAC4 000780DABAC4 000780DABAC4
<b>MONITORING TYPE</b> PRECISION MEASUREMENT		<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>		<b>DIFFERENCE (%)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>TIME STAMP</b>	<b>INSTRUMENT ID</b>
<b>MONITORING TYPE</b> PRECISION MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> VERIFICATION SUMMARY		<b>OPERATOR NAME</b> FSJ	<b>FILE SAVE TIME</b> 8/29/2022 12:25	<b>AVG PRECISION (%)</b> -1.2	<b>AVG RESPONSE TIME (SECONDS)</b> 4.7	<b>DETECTOR CONCENTRATION (ppmv)</b> 498.1 495.9 494.6	<b>DIFFERENCE (%)</b> -1.8 -0.8 -1.1	<b>ZERO AIR PPM</b> 0 0 0	<b>TIMESTAMP</b> 8/29/2022 12:22 8/29/2022 12:23 8/29/2022 12:23	<b>INSTRUMENT ID</b> 8880FA6E6F6 8880FA6E6F6 8880FA6E6F6
<b>MONITORING TYPE</b> PRECISION MEASUREMENT		<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>		<b>DIFFERENCE (%)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>TIME STAMP</b>	<b>INSTRUMENT ID</b>
<b>MONITORING TYPE</b> PRECISION MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> VERIFICATION SUMMARY		<b>OPERATOR NAME</b> FSJ	<b>FILE SAVE TIME</b> 8/30/2022 9:05	<b>AVG PRECISION (%)</b> -0.2	<b>AVG RESPONSE TIME (SECONDS)</b> 5	<b>DETECTOR CONCENTRATION (ppmv)</b> 499.7 498.2 499	<b>DIFFERENCE (%)</b> -0.1 -0.4 -0.2	<b>ZERO AIR PPM</b> 0 0 0	<b>TIMESTAMP</b> 8/30/2022 8:58 8/30/2022 9:03 8/30/2022 9:03	<b>INSTRUMENT ID</b> 8880FA6E6F6 8880FA6E6F6 8880FA6E6F6
<b>MONITORING TYPE</b> PRECISION MEASUREMENT		<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>		<b>DIFFERENCE (%)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>TIME STAMP</b>	<b>INSTRUMENT ID</b>
<b>MONITORING TYPE</b> PRECISION MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> VERIFICATION SUMMARY		<b>OPERATOR NAME</b> J	<b>FILE SAVE TIME</b> 8/30/2022 10:14	<b>AVG PRECISION (%)</b> 0.3	<b>AVG RESPONSE TIME (SECONDS)</b> 6	<b>DETECTOR CONCENTRATION (ppmv)</b> 499.1 501 504.9	<b>DIFFERENCE (%)</b> -0.2 0.2 1	<b>ZERO AIR PPM</b> 0 0 0	<b>TIMESTAMP</b> 8/30/2022 10:12 8/30/2022 10:12 8/30/2022 10:12	<b>INSTRUMENT ID</b> 000780DABAC4 000780DABAC4 000780DABAC4
<b>MONITORING TYPE</b> PRECISION MEASUREMENT		<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>		<b>DIFFERENCE (%)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>TIME STAMP</b>	<b>INSTRUMENT ID</b>
<b>MONITORING TYPE</b> PRECISION MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> VERIFICATION SUMMARY		<b>OPERATOR NAME</b> FSJ	<b>FILE SAVE TIME</b> 8/30/2022 10:15	<b>AVG PRECISION (%)</b> -1.5	<b>AVG RESPONSE TIME (SECONDS)</b> 4.7	<b>DETECTOR CONCENTRATION (ppmv)</b> 489.4 494.3 494.5	<b>DIFFERENCE (%)</b> -2.1 -1.1 -1.1	<b>ZERO AIR PPM</b> 0 0 0	<b>TIMESTAMP</b> 8/30/2022 10:14 8/30/2022 10:14 8/30/2022 10:14	<b>INSTRUMENT ID</b> 8880FA6E6F6 8880FA6E6F6 8880FA6E6F6
<b>MONITORING TYPE</b> PRECISION MEASUREMENT		<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>		<b>DIFFERENCE (%)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>TIME STAMP</b>	<b>INSTRUMENT ID</b>
<b>MONITORING TYPE</b> PRECISION MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT										

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID
VERIFICATION SUMMARY	F51	8860F6C147	8/31/2022 8:53	-0.3	5				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)					
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	DIFFERENCE (%)					
RESPONSE TIME MEASUREMENT									
RESPONSE TIME MEASUREMENT									
VERIFICATION SUMMARY	F51	8860F6E6F6	8/31/2022 9:39	-0.9	4.7				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)					
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	DIFFERENCE (%)					
RESPONSE TIME MEASUREMENT									
RESPONSE TIME MEASUREMENT									
VERIFICATION SUMMARY	J	000780DABAC4	8/31/2022 9:59	0.3	6				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)					
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	DIFFERENCE (%)					
RESPONSE TIME MEASUREMENT									
RESPONSE TIME MEASUREMENT									
VERIFICATION SUMMARY	F51	000780DABAC4	9/2/2022 9:12	-0.6	6				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)					
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	DIFFERENCE (%)					
RESPONSE TIME MEASUREMENT									
RESPONSE TIME MEASUREMENT									
VERIFICATION SUMMARY	V	8860F6E6F8	9/2/2022 22:18	-1.5	4.7				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)					
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	DIFFERENCE (%)					
RESPONSE TIME MEASUREMENT									
RESPONSE TIME MEASUREMENT									
VERIFICATION SUMMARY	F51	8860F6C147	9/9/2022 7:55	-0.4	5.3				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)					
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	DIFFERENCE (%)					
RESPONSE TIME MEASUREMENT									
RESPONSE TIME MEASUREMENT									
VERIFICATION SUMMARY	F51	8860F6C147	9/23/2022 9:22	-1.1	5				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)					
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
PRECISION MEASUREMENT									
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	DIFFERENCE (%)					
RESPONSE TIME MEASUREMENT									
RESPONSE TIME MEASUREMENT									

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID
VERIFICATION SUMMARY	F51	886B0FAGE6F6	9/23/2022 9:30	-1.1	5				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)				
PRECISION MEASUREMENT		CH4 (Methane)	500	495	-5	0	9/23/2022 9:28	886B0FAGE6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	497.3	-2.7	0	9/23/2022 9:28	886B0FAGE6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	491.2	-8.8	0	9/23/2022 9:29	886B0FAGE6F6	
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.8	0	5	9/23/2022 9:29	886B0FAGE6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.8	1.1	5	9/23/2022 9:29	886B0FAGE6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.8	0	5	9/23/2022 9:30	886B0FAGE6F6	
MONITORING TYPE									
VERIFICATION SUMMARY	F51	886B0FAGE6F6	9/28/2022 9:27	-1.1	5.3				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)				
PRECISION MEASUREMENT		CH4 (Methane)	500	493.7	-6.3	0	9/28/2022 9:26	886B0FAGE6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	494.3	-5.7	0	9/28/2022 9:26	886B0FAGE6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	495.2	-4.8	0	9/28/2022 9:26	886B0FAGE6F6	
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.7	0	5	9/28/2022 9:27	886B0FAGE6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.7	0	5	9/28/2022 9:27	886B0FAGE6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.7	0	6	9/28/2022 9:27	886B0FAGE6F6	

## APPENDIX E

### WEATHER DATA

MONITORING TYPE VERIFICATION SUMMARY					AVG RESPONSE TIME (SECONDS)	AVG PRECISION (%)		AVG RESPONSE TIME (SECONDS)				DIFFERENCE (%)	RESPONSE TIME (SECONDS)	
OPERATOR NAME	FSH	FILE SAVE TIME	8/24/2022 9:29	DETECTOR CONCENTRATION (ppm)	0.1	DETECTOR CONCENTRATION (ppm)	0	DIFFERENCE (%)	0	0	0	0	0	0
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	500	DETECTOR CONCENTRATION (ppm)	500.2	DIFFERENCE (%)	0.4	0	0	0	0	0
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	501.8	DETECTOR CONCENTRATION (ppm)	501.8	DIFFERENCE (%)	0	5	5	5	5	5
MONITORING TYPE		PRECISION MEASUREMENT												
PRECISION MEASUREMENT		PRECISION MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
OPERATOR NAME	FSH	FILE SAVE TIME	8/24/2022 9:33	DETECTOR CONCENTRATION (ppm)	-0.4	DETECTOR CONCENTRATION (ppm)	-2.1	DIFFERENCE (%)	-0.4	-2.1	-2.1	-0.4	-2.1	-0.4
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	497.9	DETECTOR CONCENTRATION (ppm)	498.3	DIFFERENCE (%)	-0.3	0	0	0	0	0
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	498	DETECTOR CONCENTRATION (ppm)	498	DIFFERENCE (%)	-0.4	0	0	0	0	0
MONITORING TYPE		PRECISION MEASUREMENT												
PRECISION MEASUREMENT		PRECISION MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
OPERATOR NAME	V	FILE SAVE TIME	8/24/2022 21:33	DETECTOR CONCENTRATION (ppm)	-0.7	DETECTOR CONCENTRATION (ppm)	-3.4	DIFFERENCE (%)	-0.7	-3.4	-3.4	-0.7	-3.4	-0.7
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	496.6	DETECTOR CONCENTRATION (ppm)	496.9	DIFFERENCE (%)	-0.6	0	0	0	0	0
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	496.5	DETECTOR CONCENTRATION (ppm)	496.3	DIFFERENCE (%)	-0.7	0	0	0	0	0
MONITORING TYPE		PRECISION MEASUREMENT												
PRECISION MEASUREMENT		PRECISION MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
OPERATOR NAME	V	FILE SAVE TIME	8/25/2022 10:19	DETECTOR CONCENTRATION (ppm)	-1.3	DETECTOR CONCENTRATION (ppm)	4.3	DIFFERENCE (%)	-1.4	4.3	4.3	-1.4	4.3	-1.4
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	493	DETECTOR CONCENTRATION (ppm)	493.7	DIFFERENCE (%)	-1.3	0	0	0	0	0
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	493.3	DETECTOR CONCENTRATION (ppm)	493.3	DIFFERENCE (%)	-1.3	0	0	0	0	0
MONITORING TYPE		PRECISION MEASUREMENT												
PRECISION MEASUREMENT		PRECISION MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
OPERATOR NAME	FSH	FILE SAVE TIME	8/25/2022 10:20	DETECTOR CONCENTRATION (ppm)	0	DETECTOR CONCENTRATION (ppm)	0	DIFFERENCE (%)	0	0	0	0	0	0
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	499.6	DETECTOR CONCENTRATION (ppm)	501.6	DIFFERENCE (%)	0.3	0	0	0	0	0
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	498.4	DETECTOR CONCENTRATION (ppm)	498.4	DIFFERENCE (%)	-0.3	0	0	0	0	0
MONITORING TYPE		PRECISION MEASUREMENT												
PRECISION MEASUREMENT		PRECISION MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
OPERATOR NAME	FSH	FILE SAVE TIME	8/25/2022 10:21	DETECTOR CONCENTRATION (ppm)	-1	DETECTOR CONCENTRATION (ppm)	4.7	DIFFERENCE (%)	-1	4.7	4.7	-1	4.7	-1
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	498.8	DETECTOR CONCENTRATION (ppm)	495.1	DIFFERENCE (%)	-0.8	-5.2	-5.2	-0.8	-5.2	-0.8
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	496.1	DETECTOR CONCENTRATION (ppm)	496.1	DIFFERENCE (%)	-0.8	-5.5	-5.5	-0.8	-5.5	-0.8
MONITORING TYPE		PRECISION MEASUREMENT												
PRECISION MEASUREMENT		PRECISION MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
OPERATOR NAME	FSH	FILE SAVE TIME	8/26/2022 9:27	DETECTOR CONCENTRATION (ppm)	-0.4	DETECTOR CONCENTRATION (ppm)	5.3	DIFFERENCE (%)	-0.5	5.3	5.3	-0.5	5.3	-0.5
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	497.7	DETECTOR CONCENTRATION (ppm)	498.1	DIFFERENCE (%)	-0.4	-2.3	-2.3	-0.4	-2.3	-0.4
CAL GAS SERIAL NUMBER		CAL GAS CONCENTRATION (ppm)	500	TARGET CONCENTRATION (ppm)	498.2	DETECTOR CONCENTRATION (ppm)	498.2	DIFFERENCE (%)	-0.4	-1.9	-1.9	-0.4	-1.9	-0.4
MONITORING TYPE		PRECISION MEASUREMENT												
PRECISION MEASUREMENT		PRECISION MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												
RESPONSE TIME MEASUREMENT		RESPONSE TIME MEASUREMENT												

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID
VERIFICATION SUMMARY	F51	886B0FA6E6F6	8/27/2022 13:25	-1.3	4.3				
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	493.5	-1.3	0	8/27/2022 13:23	886B0FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	491.7	-1.7	0	8/27/2022 13:23	886B0FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	495.9	-0.8	0	8/27/2022 13:23	886B0FA6E6F6	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469	2.6	4	8/27/2022 13:24	886B0FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469	1.9	5	8/27/2022 13:24	886B0FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469	0	4	8/27/2022 13:25	886B0FA6E6F6	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID
VERIFICATION SUMMARY	F51	886B0FA6E6F6	8/29/2022 9:50	-0.3	5.7				
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	499	-1	0	8/29/2022 9:47	886B0FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	498.2	-1.8	0	8/29/2022 9:48	886B0FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	498.7	-1.3	0	8/29/2022 9:48	886B0FA6E6F6	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.7	0	6	8/29/2022 9:49	886B0FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.7	0	6	8/29/2022 9:49	886B0FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.7	0	5	8/29/2022 9:49	886B0FA6E6F6	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID
VERIFICATION SUMMARY	J	000780DABAC4	8/29/2022 12:20	-1	3.7				
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	495.9	-4.1	0	8/29/2022 12:18	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	492.9	-7.1	0	8/29/2022 12:18	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	496	-4	0	8/29/2022 12:18	000780DABAC4	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.2	141.6	2	8/29/2022 12:19	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.2	0	4	8/29/2022 12:20	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.2	0	5	8/29/2022 12:20	000780DABAC4	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID
VERIFICATION SUMMARY	F51	886B0FA6E6F6	8/29/2022 12:25	-1.2	4.7				
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	490.8	-9.2	0	8/29/2022 12:22	886B0FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	495.9	-4.1	0	8/29/2022 12:23	886B0FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	494.6	-5.4	0	8/29/2022 12:23	886B0FA6E6F6	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469.1	0	6	8/29/2022 12:24	886B0FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469.1	0	3	8/29/2022 12:24	886B0FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469.1	0	5	8/29/2022 12:25	886B0FA6E6F6	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID
VERIFICATION SUMMARY	F51	886B0FA6E6F6	8/30/2022 9:05	-0.2	5				
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	499.7	-0.3	0	8/30/2022 8:58	886B0FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	498.2	-1.8	0	8/30/2022 9:03	886B0FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	499	-1	0	8/30/2022 9:03	886B0FA6E6F6	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474	0	5	8/30/2022 9:04	886B0FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474	0	1	8/30/2022 9:04	886B0FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474	0	5	8/30/2022 9:04	886B0FA6E6F6	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID
VERIFICATION SUMMARY	J	000780DABAC4	8/30/2022 10:14	0.3	6				
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	499.1	-0.9	0	8/30/2022 10:12	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	501	0.2	0	8/30/2022 10:12	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	504.9	4.9	0	8/30/2022 10:12	000780DABAC4	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	476.6	0	7	8/30/2022 10:13	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	476.6	0	6	8/30/2022 10:14	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	476.6	0	5	8/30/2022 10:14	000780DABAC4	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID
VERIFICATION SUMMARY	F51	886B0FA6E6F6	8/30/2022 10:15	-1.5	4.7				
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	489.4	-10.6	0	8/30/2022 10:14	886B0FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	494.3	-5.7	0	8/30/2022 10:14	886B0FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	494.5	-5.5	0	8/30/2022 10:14	886B0FA6E6F6	
MONITORING TYPE		CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.1	0	5	8/30/2022 10:15	886B0FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.1	0	6	8/30/2022 10:15	886B0FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.1	20.6	3	8/30/2022 10:15	886B0FA6E6F6	

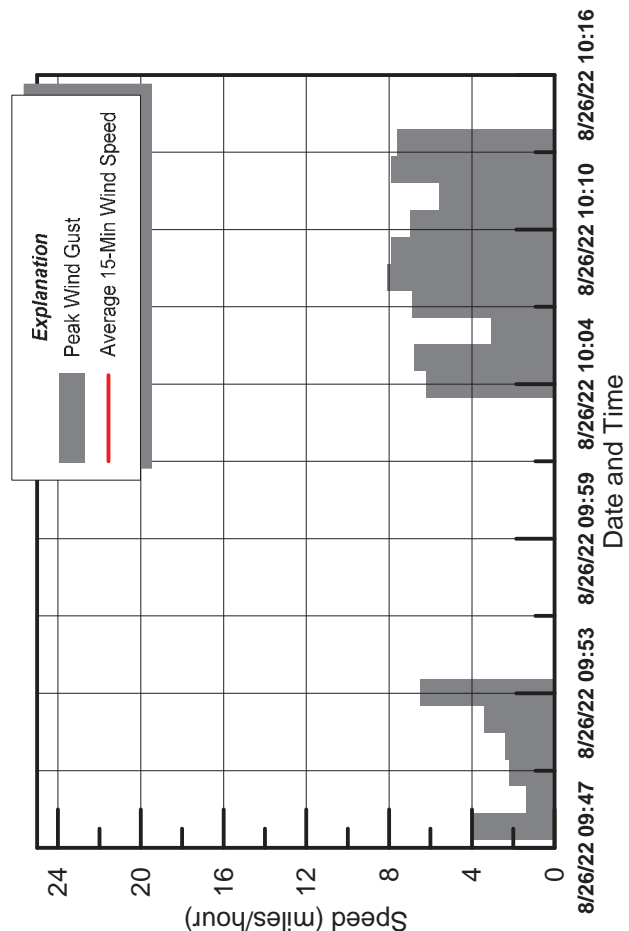
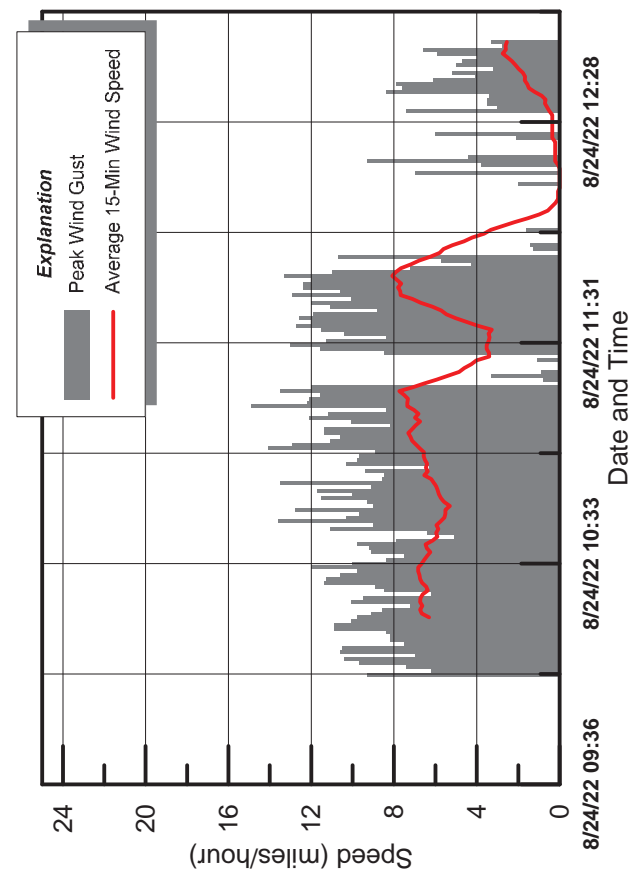
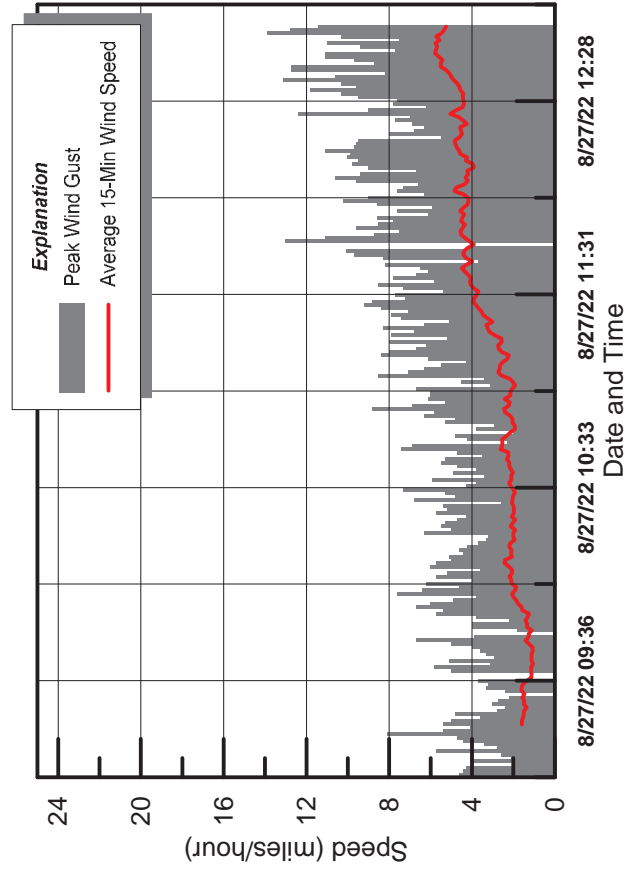
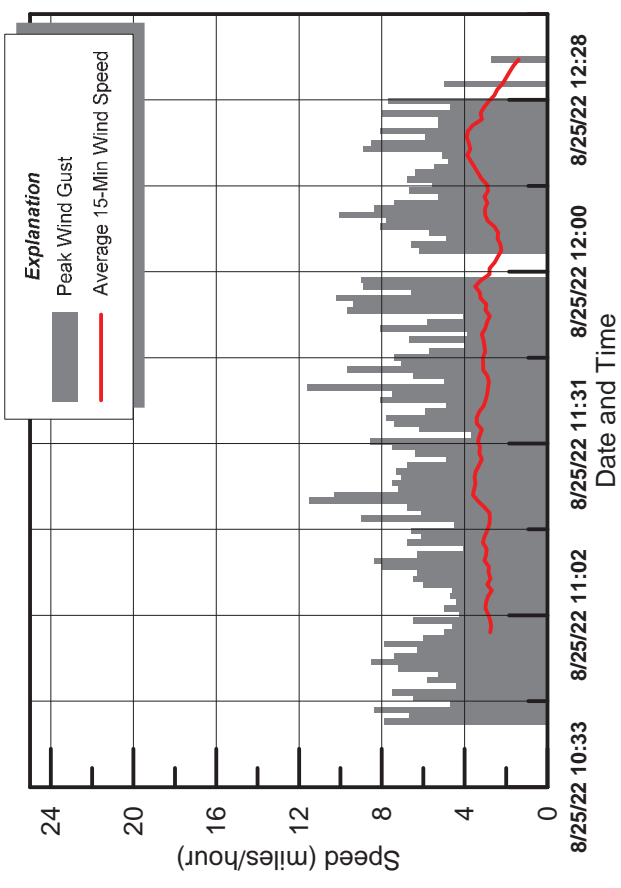
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VERIFICATION SUMMARY		F5I	8/31/2022 8:53	-0.3	5	0	8/31/2022 8:50	886B0F6C147
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	0	8/31/2022 8:51	886B0F6C147
PRECISION MEASUREMENT			500	499.2	-0.2	0	8/31/2022 8:52	886B0F6C147
PRECISION MEASUREMENT			500	498.6	-0.5	0		
PRECISION MEASUREMENT			500	498.6	-0.3	0		
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	RESPONSE TIME (seconds)			INSTRUMENT ID
RESPONSE TIME MEASUREMENT			500	473.6	5			886B0F6C147
RESPONSE TIME MEASUREMENT			500	473.6	5			886B0F6C147
RESPONSE TIME MEASUREMENT			500	473.6	5			886B0F6C147
MONITORING TYPE		OPERATOR NAME	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
VERIFICATION SUMMARY		F5I	8/31/2022 9:39	-0.9	4.7	0	8/31/2022 9:36	886B0F6E6F6
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	0	8/31/2022 9:37	886B0F6E6F6
PRECISION MEASUREMENT			500	495.8	-0.8	0	8/31/2022 9:37	886B0F6E6F6
PRECISION MEASUREMENT			500	494.5	-1.1	1		
PRECISION MEASUREMENT			500	495.6	-0.9	0		
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	RESPONSE TIME (seconds)			INSTRUMENT ID
RESPONSE TIME MEASUREMENT			500	4705	6			886B0F6E6F6
RESPONSE TIME MEASUREMENT			500	4705	5			886B0F6E6F6
RESPONSE TIME MEASUREMENT			500	4705	3			886B0F6E6F6
MONITORING TYPE		OPERATOR NAME	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
VERIFICATION SUMMARY		J	8/31/2022 9:59	0.3	6	0	8/31/2022 9:57	000780DABAC4
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	0	8/31/2022 9:57	000780DABAC4
PRECISION MEASUREMENT			500	500.3	0.1	0	8/31/2022 9:57	000780DABAC4
PRECISION MEASUREMENT			500	502.6	0.5	0		
PRECISION MEASUREMENT			500	501.3	0.3	0		
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	RESPONSE TIME (seconds)			INSTRUMENT ID
RESPONSE TIME MEASUREMENT			500	4763	7			000780DABAC4
RESPONSE TIME MEASUREMENT			500	4763	5			000780DABAC4
RESPONSE TIME MEASUREMENT			500	4763	6			000780DABAC4
MONITORING TYPE		OPERATOR NAME	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
VERIFICATION SUMMARY		F5I	9/2/2022 9:12	-0.6	6	0	9/2/2022 9:10	000780DABAC4
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	0	9/2/2022 9:10	000780DABAC4
PRECISION MEASUREMENT			500	496.3	-0.7	0	9/2/2022 9:10	000780DABAC4
PRECISION MEASUREMENT			500	497.2	-0.6	0		
PRECISION MEASUREMENT			500	497.9	-0.4	0		
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	RESPONSE TIME (seconds)			INSTRUMENT ID
RESPONSE TIME MEASUREMENT			500	472.3	6			000780DABAC4
RESPONSE TIME MEASUREMENT			500	472.3	6			000780DABAC4
RESPONSE TIME MEASUREMENT			500	472.3	6			000780DABAC4
MONITORING TYPE		OPERATOR NAME	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
VERIFICATION SUMMARY		V	9/2/2022 22:18	-1.5	4.7	0	9/2/2022 22:16	886B0F6E68F
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	0	9/2/2022 22:16	886B0F6E68F
PRECISION MEASUREMENT			500	493.7	-1.3	0	9/2/2022 22:16	886B0F6E68F
PRECISION MEASUREMENT			500	491.3	-1.7	0		
PRECISION MEASUREMENT			500	492.5	-1.5	0		
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	RESPONSE TIME (seconds)			INSTRUMENT ID
RESPONSE TIME MEASUREMENT			500	467.9	5			886B0F6E68F
RESPONSE TIME MEASUREMENT			500	467.9	5			886B0F6E68F
RESPONSE TIME MEASUREMENT			500	467.9	4			886B0F6E68F
MONITORING TYPE		OPERATOR NAME	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
VERIFICATION SUMMARY		F5I	9/9/2022 7:55	-0.4	5.3	0	9/9/2022 7:54	886B0F6C147
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	0	9/9/2022 7:54	886B0F6C147
PRECISION MEASUREMENT			500	497.9	-2.1	0	9/9/2022 7:54	886B0F6C147
PRECISION MEASUREMENT			500	498.4	-1.6	0		
PRECISION MEASUREMENT			500	498.3	-1.7	0		
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	RESPONSE TIME (seconds)			INSTRUMENT ID
RESPONSE TIME MEASUREMENT			500	473.3	5			886B0F6C147
RESPONSE TIME MEASUREMENT			500	473.3	6			886B0F6C147
RESPONSE TIME MEASUREMENT			500	473.3	5			886B0F6C147
MONITORING TYPE		OPERATOR NAME	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
VERIFICATION SUMMARY		F5I	9/23/2022 9:22	-1.1	5	0	9/23/2022 9:20	886B0F6C147
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	0	9/23/2022 9:21	886B0F6C147
PRECISION MEASUREMENT			500	492.6	-1.5	0	9/23/2022 9:21	886B0F6C147
PRECISION MEASUREMENT			500	495.7	-4.3	0		
PRECISION MEASUREMENT			500	495	-5	0		
MONITORING TYPE		CAL GAS SERIAL NUMBER	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	RESPONSE TIME (seconds)			INSTRUMENT ID
RESPONSE TIME MEASUREMENT			500	4667	5			886B0F6C147
RESPONSE TIME MEASUREMENT			500	4667	5			886B0F6C147
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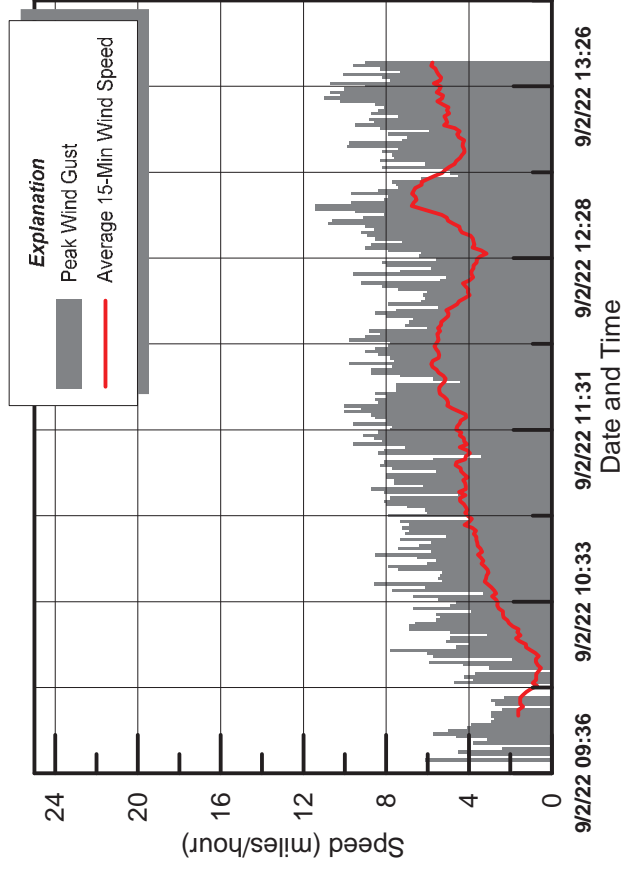
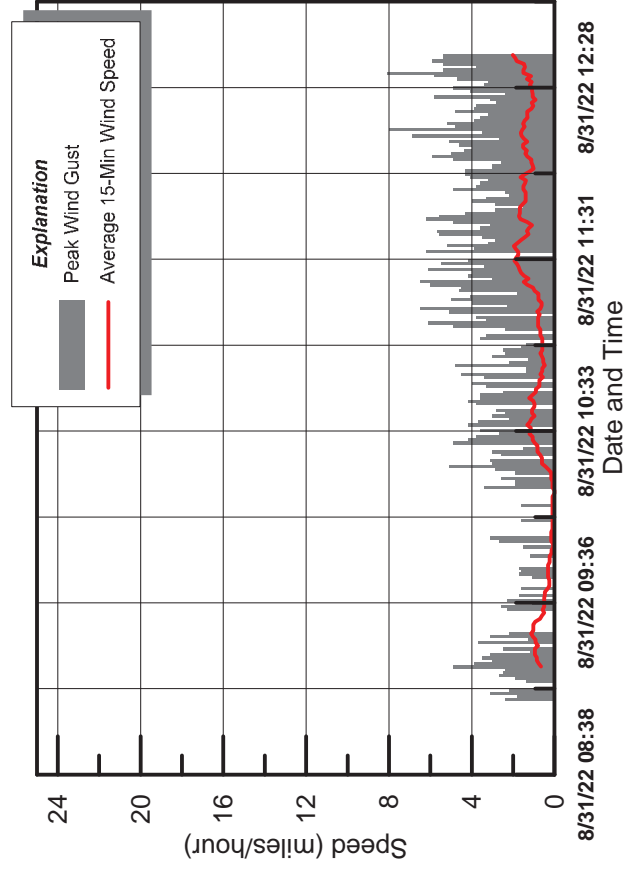
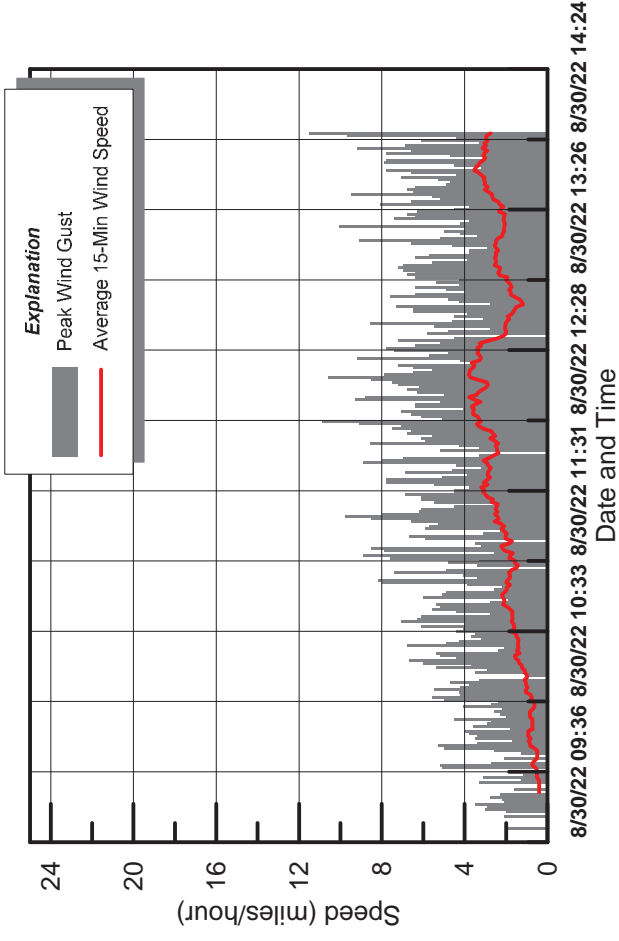
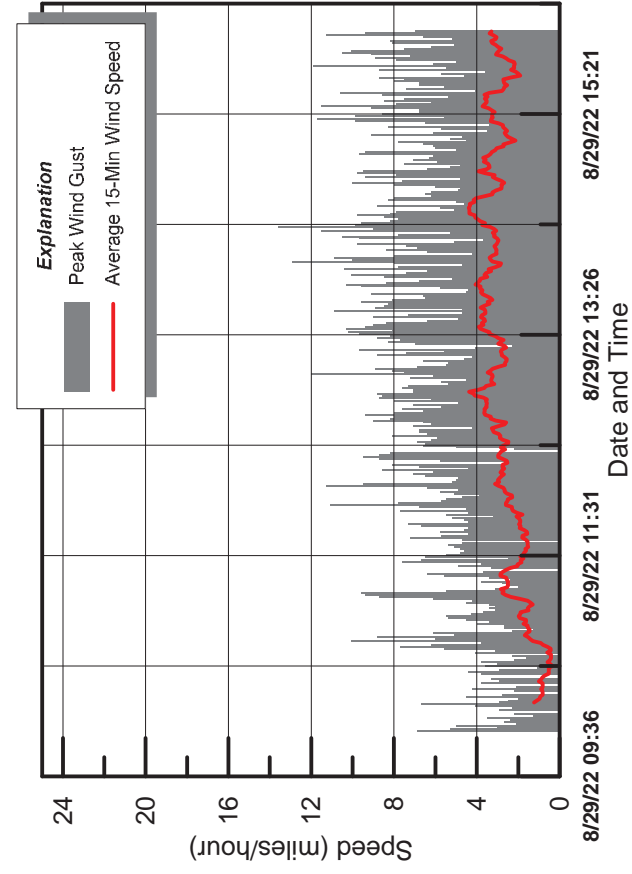
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VERIFICATION SUMMARY	F51	886B0FAGE6F6	9/23/2022 9:30	-1.1	5				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)				
PRECISION MEASUREMENT		CH4 (Methane)	500	495	-5		0	9/23/2022 9:28	886B0FAGE6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	497.3	-2.7		0	9/23/2022 9:28	886B0FAGE6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	491.2	-8.8		0	9/23/2022 9:29	886B0FAGE6F6
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.8	0	5	9/23/2022 9:29	886B0FAGE6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.8	1.1	5	9/23/2022 9:29	886B0FAGE6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.8	0	5	9/23/2022 9:30	886B0FAGE6F6	
MONITORING TYPE									
VERIFICATION SUMMARY	F51	886B0FAGE6F6	9/28/2022 9:27	-1.1	5.3				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)				
PRECISION MEASUREMENT		CH4 (Methane)	500	493.7	-6.3		0	9/28/2022 9:26	886B0FAGE6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	494.3	-5.7		0	9/28/2022 9:26	886B0FAGE6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	495.2	-4.8		0	9/28/2022 9:26	886B0FAGE6F6
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.7	0	5	9/28/2022 9:27	886B0FAGE6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.7	0	5	9/28/2022 9:27	886B0FAGE6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	489.7	0	6	9/28/2022 9:27	886B0FAGE6F6	

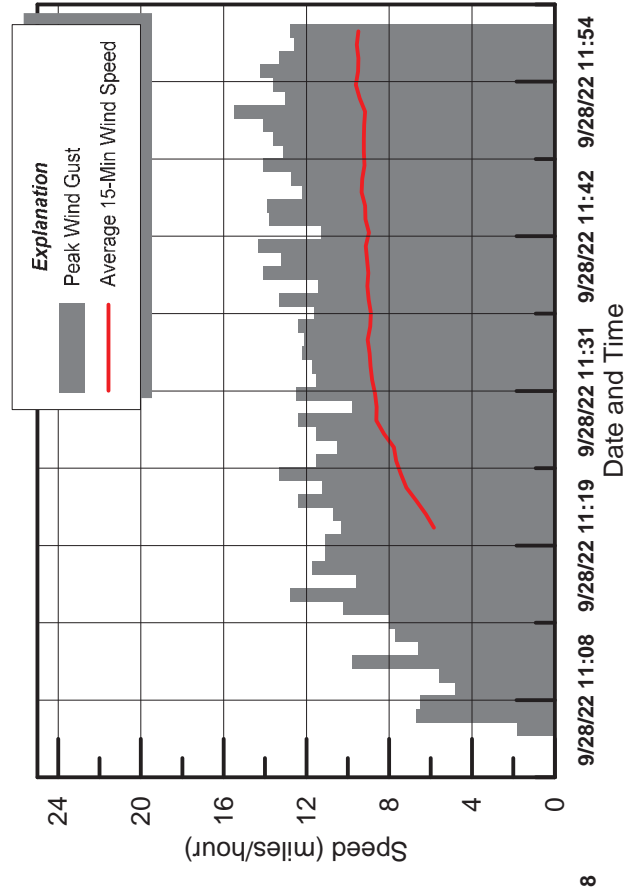
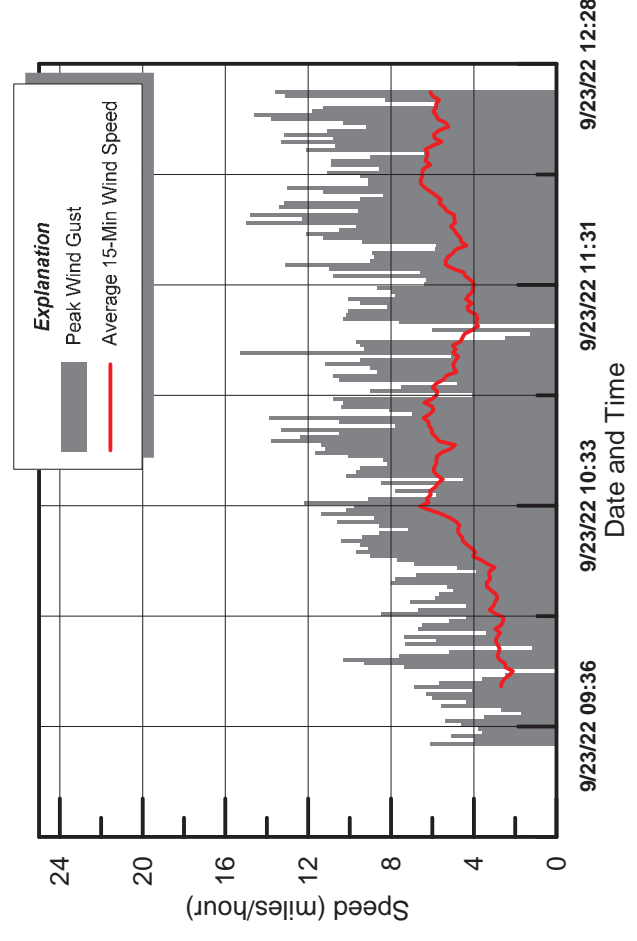
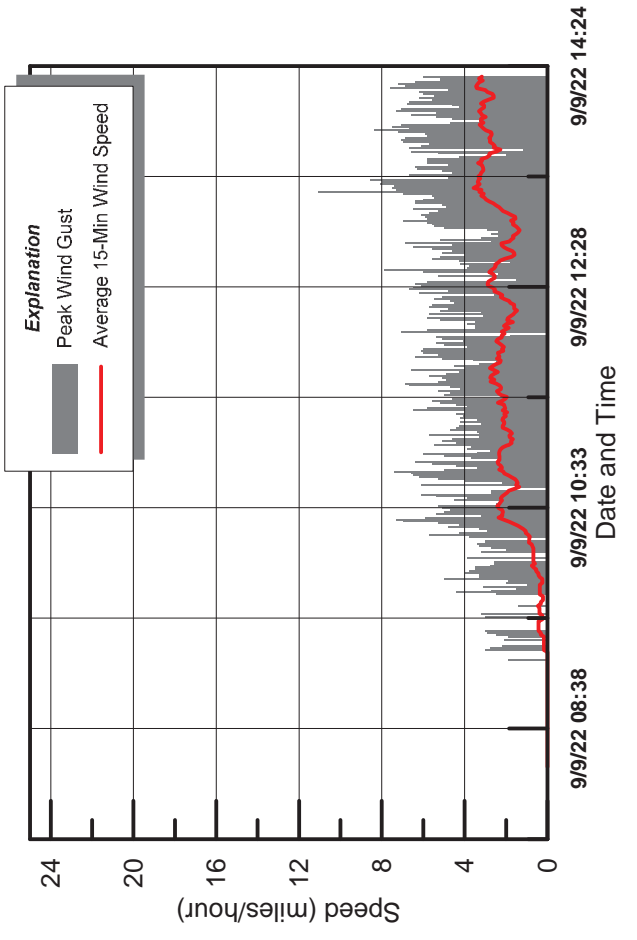
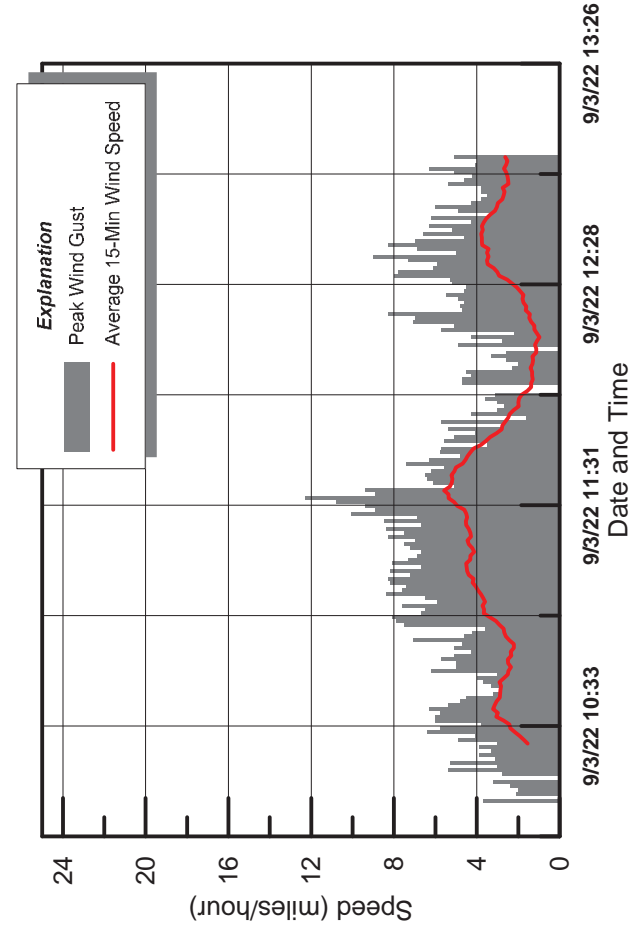


## APPENDIX F

### WIND SPEED DATA









January 30, 2023

Ms. Kelly McDonnell  
Browning-Ferris Industries of California, Inc.  
Ox Mountain Landfill  
12310 San Mateo Road  
Half Moon Bay, CA 94019

Subject: Fourth Quarter 2022 Surface Emissions Monitoring Results for the Ox Mountain Landfill, Half Moon Bay, CA

Dear Ms. McDonnell:

This report provides results of the Fourth Quarter 2022 New Source Performance Standards (NSPS) and California Air Resources Board (CARB) Landfill Methane Rule (LMR) surface emissions monitoring (SEM) performed by Tetra Tech and a Tetra Tech subcontractor at the Ox Mountain Landfill. All work was performed in accordance with Republic Services' Standard Operating Procedures (SOP), federal NSPS and state LMR requirements.

## **SUMMARY AND CONCLUSIONS**

As stipulated in the LMR, if uncorrectable exceedances within the 10-day limitation are detected the landfill must perform monitoring on a 25-foot pathway on a quarterly basis for active disposal sites. If four (4) consecutive quarters of monitoring are performed without any exceedances, as stipulated in the LMR, the landfill may increase the spacing to 100-foot pathways. Therefore, based on the previous monitoring events, in which exceedances were observed, the monitoring at the Ox Mountain Landfill was performed on 25-foot pathways in accordance with the LMR.

As required by the LMR, the landfill was divided into 50,000 square foot or less (partial) areas. The Ox Mountain Landfill surface area was therefore, divided into one hundred and sixty-four (164) individual grids as shown in Appendix A.

The Fourth Quarter 2022 SEM testing results indicated nine (9) locations that exceeded the NSPS and LMR (Grids, Penetrations, and Parameter) instantaneous methane concentration threshold of 500 parts per million by volume (ppmv) and one (1) exceedance of the LMR integrated threshold limit of 25 ppmv as measured as methane above background were detected during the initial monitoring event. System adjustments and repair work was performed by site personnel. The subsequent 10-day re-monitoring event indicated that all nine (9) areas with instantaneous had returned to compliance and the one (1) integrated grid also had returned to compliance. The one-month re-monitoring indicated there were zero (0) locations with remaining instantaneous exceedances.

Additionally, during this event, some grids were not monitored as these areas were deemed unsafe by Tetra Tech, Tetra Tech's subcontractor, and/or site personnel for entry due to active filling operations,

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heavy traffic, or steep slopes, which could cause a potential for injury of monitoring personnel as follows:

- Full grids 21, 22, 30, 31, 35, 38, 45, 51, 58, 66, 74, 81, 88, 94, 95, 100, 101, 106, 107, 112, 113, 118, 119, 124, 125, 131, 136, 159, 161, and 162, were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).
- Partial grids 25, 26, 28, 37, 44, 47, 55, 56, 57, 59, 60, 63, 64, 65, 67, 71, 73, 75, 76, 82, 83, 89, 90, 96, 102, 108, 114, 120, 126, 132, 137, 154, 159, 160, 163, 164, and 167 were partially monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).

Areas consisting of native soil (no waste in place) were also exempted from monitoring, in accordance with the LMR. Any wells located in grids noted as exempt from monitoring due to health and safety concerns but remained accessible were monitored on an as-needed basis. Excluded areas are provided on the field map in Appendix A.

Further, as required under the LMR, any location on the landfill that has an observed instantaneous methane concentration greater than or equal to 500 ppmv, must be stake-marked and Global Positioning System (GPS) located on a site figure. When concentrations greater than or equal to 500 ppmv are observed during monitoring events, they are reported to site personnel and included in the quarterly report for that event for inclusion into the annual report as required.

Locations with concentrations between 200 ppmv and 499 ppmv are for reporting purposes only and require no remediation, as they are not an exceedance. Thirty-three (33) locations were found during the monitoring between the LMR instantaneous recording levels of 200 ppmv to 499 ppmv.

Finally, to help prevent potential future exceedances, Tetra Tech recommends that the landfill surface be routinely inspected, any observed surface erosion be routinely repaired, and flowrates to the destruction devices be maximized.

## **BACKGROUND**

The Ox Mountain Landfill is an active municipal solid waste disposal site. By way of background, municipal solid waste buried in a landfill decompose anaerobically (in the absence of oxygen) producing a combustible gas, which contains approximately 50 to 60 percent methane, 40 to 50 percent carbon dioxide, and trace amounts of various other gases, some of which are odorous. The Ox Mountain Landfill property contains a Gas Collection and Control System (GCCS) to control the combustible gases generated in the landfill that may otherwise either vent vertically to the atmosphere or migrate horizontally through subsurface soil to locations on adjacent properties.

## **SURFACE EMISSIONS MONITORING**

Instantaneous and integrated SEM was performed over the surface of the subject site on November 14, 15, 21, 22, 23, 28, 29, and 30, 2022 and December 1, 19 and 26, 2022. The intent of the monitoring was to identify any specific locations or areas of the landfill surface with organic compound concentrations exceeding the NSPS and/or LMR threshold limit values of 500 ppmv measured as methane for instantaneous monitoring or exceeding the threshold limit values of 25 ppmv for the

integrated monitoring in the 50,000 square foot grids as required under the LMR. During this event Tetra Tech performed the monitoring on 25-foot pathways in all accessible areas, in accordance with the rules as required.

## **EMISSIONS TESTING INSTRUMENTATION/CALIBRATION**

Instruments used to perform the landfill surface emission testing consisted of the following:

- Trimble SiteFID Landfill Gas Monitor Portable Flame Ionization Detector (FID). This instrument measures methane in air over a range of 1 to 50,000 ppmv. The FID meets the CARB requirements for combined instantaneous and integrated monitoring and was calibrated in accordance with United States Environmental Protection Agency (US EPA) Method 21 and manufacturers specifications.
- A portable wind data logger by Secure Digital is used to monitor and log wind speeds while performing emissions monitoring. Field observations and local weather station information is used to track weather conditions and rain events.

Instrument calibration logs and instantaneous weather information are shown in Appendix D and E.

## **SURFACE EMISSIONS MONITORING PROCEDURES**

Instantaneous and integrated SEM was conducted in accordance with NSPS and LMR requirements. Monitoring was performed with the FID inlet held within 3 inches of the landfill surface while a technician walked a grid in parallel paths not more than 25-feet apart over the surface of the landfill unless site safety conditions or prior monitoring results allowed 100-foot pathways. Cracks, holes, and all cover penetrations in the surface were also tested. Instantaneous surface emissions readings were monitored continuously and recorded every 5 seconds. Any areas in exceedance of the 500 ppmv threshold limits (reporting and compliance levels, respectively) were GPS tagged, any locations exceeding the 500 ppmv threshold limit were also stake-marked for on-site personnel to perform remediation or repairs.

The integrated average is based on the readings stored on the instrument which are recorded every 5 seconds. The readings are then downloaded, and the averages are calculated for each grid using software provided by the instrument manufacturer. The readings are not provided in the report due to the volume of data but can be furnished upon request.

Recorded wind speed results are shown in Appendix F. Wind speed 15-minute averages were observed to remain below the alternative requested 10 miles per hour (based on 60 second intervals), and no instantaneous speeds exceeded 20 miles per hour during the testing. Monitoring was terminated when average wind speed exceeded 5 miles per hour.

The LMR states that monitoring may not take place if any measurable precipitation is recorded onsite within 72-hours. Weather conditions for the monitoring events are included in Appendix E.

## **TESTING RESULTS**

During the initial monitoring events on November 14, 15, 21, 22, 23, 28, 29, and 30, 2022 and December 1, 2022, there were nine (9) locations that exceeded the NSPS (Grids) and LMR (Grids and

Penetrations) instantaneous level of 500 ppmv. There was one (1) exceedance of the LMR integrated threshold limit of 25 ppmv as measured as methane above background detected. System adjustments and repair work (repair of boreholes, vacuum increases to nearby extraction wells and re-compaction of soil) was performed by site personnel. The subsequent 10-day re-monitoring events on November 21, 2022, and December 19, 2022 indicated that all nine (9) areas with instantaneous had returned to compliance and that the one (1) integrated location had also returned to compliance. The one-month re-monitoring events on December 19 and 26, 2022, indicated there were zero (0) locations with remaining instantaneous exceedances.

Based on these results, no further monitoring is required until the First Quarter of 2023. Results of the monitoring are shown in Appendix B and C. Calibration logs for the monitoring equipment are provided in Appendix D.

The landfill perimeter was walked and tested. Results of this testing indicated that no exceedances of the 500 ppmv limit were observed, therefore the site perimeter was in compliance with the requirements of the rule.

As mentioned above:

- Full grids 21, 22, 30, 31, 35, 38, 45, 51, 58, 66, 74, 81, 88, 94, 95, 100, 101, 106, 107, 112, 113, 118, 119, 124, 125, 131, 136, 159, 161, and 162, were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).
- Partial grids 25, 26, 28, 37, 44, 47, 55, 56, 57, 59, 60, 63, 64, 65, 67, 71, 73, 75, 76, 82, 83, 89, 90, 96, 102, 108, 114, 120, 126, 132, 137, 154, 159, 160, 163, 164, and 167 were partially monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).

These areas were deemed unsafe by the Tetra Tech subcontractor personnel for entry due to active filling operations, construction, and other dangerous or unsafe conditions, which could cause a potential for injury of monitoring personnel (Appendix A).

Areas consisting of native soil (no waste in place) are also exempt from monitoring, in accordance with the LMR.

Any wells located in grids noted as exempt from monitoring due to health and safety concerns but remained accessible were monitored on an as-needed basis.

## **PROJECT SCHEDULE**

Following the initial events performed on November 14, 15, 22, 23, 28, 29, and 30, 2022 and December 1, 2022, subsequent re-monitoring was scheduled for ten days later. The first 10-day re-monitoring events were performed on November 21, 2022, and December 19, 2022, and indicated that all nine (9) areas with instantaneous had returned to compliance and that the one (1) integrated location had also returned to compliance. The one-month confirmation testing on abated instantaneous readings was performed on December 19 and 26, 2022 and indicated the nine (9) instantaneous exceedances remained below LMR thresholds of compliance.



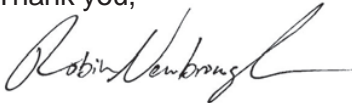
In accordance with the approved Scope of Work, Tetra Tech is scheduled to perform the First Quarter 2023 NSPS and LMR monitoring event by the end of March 2023 in all areas deemed safe for entry.

## **STANDARD PROVISIONS**

This report addresses conditions of the subject site during the testing dates only. Accordingly, we assume no responsibility for any changes that may occur subsequent to testing which could affect the surface emissions at the subject site or adjacent properties.

If you have any questions regarding this report, please contact Rob Newbrough at (503) 720-0925.

Thank you,



Rob Newbrough – O&M West Area Manager

This report contains the following Appendices:

**Appendix A:** Surface Grid Map

**Appendix B:** Integrated Monitoring Results

**Appendix C:** Instantaneous Monitoring Results

**Appendix D:** Calibration Logs

**Appendix E:** Weather Data

**Appendix F:** Wind Speed Data

# APPENDIX A

## SURFACE GRID MAP

# Ox Mountain Landfill

4Q2022 Field Map

## Legend

- Grid Exceeding 25ppmv
- Grids Below 25ppmv
- Roads/Construction/Traffic
- Steep Slopes
- Working Face



**INTEGRATED MONITORING RESULTS**

**Table 1**  
**SUMMARY OF INTEGRATED GRID INITIAL MONITORING**  
**4Q2022 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_1_2022_Q4_Initial.csv	11/22/2022	1	2.0
MONITOR_ox_mtn_GRID_2_2022_Q4_Initial.csv	11/22/2022	2	0.1
MONITOR_ox_mtn_GRID_3_2022_Q4_Initial.csv	11/22/2022	3	0.0
MONITOR_ox_mtn_GRID_4_2022_Q4_Initial.csv	11/22/2022	4	0.1
MONITOR_ox_mtn_GRID_5_2022_Q4_Initial.csv	11/22/2022	5	0.0
MONITOR_ox_mtn_GRID_6_2022_Q4_Initial.csv	11/22/2022	6	0.1
MONITOR_ox_mtn_GRID_7_2022_Q4_Initial.csv	11/22/2022	7	0.1
MONITOR_ox_mtn_GRID_8_2022_Q4_Initial.csv	11/22/2022	8	1.0
MONITOR_ox_mtn_GRID_9_2022_Q4_Initial.csv	11/22/2022	9	10.8
MONITOR_ox_mtn_GRID_10_2022_Q4_Initial.csv	11/22/2022	10	0.1
MONITOR_ox_mtn_GRID_11_2022_Q4_Initial.csv	11/22/2022	11	1.0
MONITOR_ox_mtn_GRID_12_2022_Q4_Initial.csv	11/22/2022	12	0.2
MONITOR_ox_mtn_GRID_13_2022_Q4_Initial.csv	11/22/2022	13	1.5
MONITOR_ox_mtn_GRID_14_2022_Q4_Initial.csv	11/23/2022	14	2.1
MONITOR_ox_mtn_GRID_15_2022_Q4_Initial.csv	11/22/2022	15	11.4
MONITOR_ox_mtn_GRID_16_2022_Q4_Initial.csv	11/22/2022	16	0.4
MONITOR_ox_mtn_GRID_17_2022_Q4_Initial.csv	11/23/2022	17	0.0
MONITOR_ox_mtn_GRID_18_2022_Q4_Initial.csv	11/22/2022	18	5.4
MONITOR_ox_mtn_GRID_19_2022_Q4_Initial.csv	11/22/2022	19	2.5
MONITOR_ox_mtn_GRID_20_2022_Q4_Initial.csv	11/23/2022	20	0.5
MONITOR_ox_mtn_GRID_23_2022_Q4_Initial.csv	11/22/2022	23	9.6
MONITOR_ox_mtn_GRID_24_2022_Q4_Initial.csv	11/22/2022	24	0.0
MONITOR_ox_mtn_GRID_25_2022_Q4_Initial.csv	11/23/2022	25	0.4
MONITOR_ox_mtn_GRID_26_2022_Q4_Initial.csv	11/28/2022	26	1.2
MONITOR_ox_mtn_GRID_27_2022_Q4_Initial.csv	11/22/2022	27	0.3
MONITOR_ox_mtn_GRID_28_2022_Q4_Initial.csv	11/23/2022	28	0.2
MONITOR_ox_mtn_GRID_29_2022_Q4_Initial.csv	11/28/2022	29	0.7
MONITOR_ox_mtn_GRID_32_2022_Q4_Initial.csv	11/28/2022	32	2.3
MONITOR_ox_mtn_GRID_33_2022_Q4_Initial.csv	11/28/2022	33	0.5
MONITOR_ox_mtn_GRID_34_2022_Q4_Initial.csv	11/22/2022	34	0.4
MONITOR_ox_mtn_GRID_35_2022_Q4_Initial.csv	11/23/2022	35	22.3
MONITOR_ox_mtn_GRID_36_2022_Q4_Initial.csv	11/28/2022	36	1.4
MONITOR_ox_mtn_GRID_37_2022_Q4_Initial.csv	11/29/2022	37	2.9
MONITOR_ox_mtn_GRID_39_2022_Q4_Initial.csv	11/30/2022	39	11.1
MONITOR_ox_mtn_GRID_40_2022_Q4_Initial.csv	11/28/2022	40	2.1
MONITOR_ox_mtn_GRID_41_2022_Q4_Initial.csv	11/22/2022	41	4.6
MONITOR_ox_mtn_GRID_42_2022_Q4_Initial.csv	11/23/2022	42	8.4
MONITOR_ox_mtn_GRID_43_2022_Q4_Initial.csv	11/28/2022	43	2.1
MONITOR_ox_mtn_GRID_44_2022_Q4_Initial.csv	11/29/2022	44	5.3
MONITOR_ox_mtn_GRID_46_2022_Q4_Initial.csv	11/28/2022	46	4.0
MONITOR_ox_mtn_GRID_47_2022_Q4_Initial.csv	11/22/2022	47	4.4
MONITOR_ox_mtn_GRID_48_2022_Q4_Initial.csv	11/23/2022	48	5.0
MONITOR_ox_mtn_GRID_49_2022_Q4_Initial.csv	11/28/2022	49	7.1
MONITOR_ox_mtn_GRID_50_2022_Q4_Initial.csv	11/29/2022	50	2.5
MONITOR_ox_mtn_GRID_52_2022_Q4_Initial.csv	11/30/2022	52	2.6
MONITOR_ox_mtn_GRID_53_2022_Q4_Initial.csv	11/30/2022	53	1.9
MONITOR_ox_mtn_GRID_54_2022_Q4_Initial.csv	11/28/2022	54	1.5
MONITOR_ox_mtn_GRID_55_2022_Q4_Initial.csv	11/23/2022	55	1.6
MONITOR_ox_mtn_GRID_56_2022_Q4_Initial.csv	11/28/2022	56	0.1
MONITOR_ox_mtn_GRID_57_2022_Q4_Initial.csv	11/29/2022	57	8.7
MONITOR_ox_mtn_GRID_59_2022_Q4_Initial.csv	11/30/2022	59	5.8
MONITOR_ox_mtn_GRID_60_2022_Q4_Initial.csv	11/30/2022	60	2.3
MONITOR_ox_mtn_GRID_61_2022_Q4_Initial.csv	11/30/2022	61	8.9
MONITOR_ox_mtn_GRID_62_2022_Q4_Initial.csv	11/28/2022	62	1.3

**Table 1**  
**SUMMARY OF INTEGRATED GRID INITIAL MONITORING**  
**4Q2022 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_63_2022_Q4_Initial.csv	11/23/2022	63	0.4
MONITOR_ox_mtn_GRID_64_2022_Q4_Initial.csv	11/28/2022	64	3.0
MONITOR_ox_mtn_GRID_65_2022_Q4_Initial.csv	11/29/2022	65	11.0
MONITOR_ox_mtn_GRID_67_2022_Q4_Initial.csv	11/30/2022	67	3.3
MONITOR_ox_mtn_GRID_68_2022_Q4_Initial.csv	11/30/2022	68	8.8
MONITOR_ox_mtn_GRID_69_2022_Q4_Initial.csv	11/28/2022	69	1.3
MONITOR_ox_mtn_GRID_70_2022_Q4_Initial.csv	11/28/2022	70	0.2
MONITOR_ox_mtn_GRID_71_2022_Q4_Initial.csv	11/23/2022	71	0.3
MONITOR_ox_mtn_GRID_72_2022_Q4_Initial.csv	11/28/2022	72	10.3
MONITOR_ox_mtn_GRID_73_2022_Q4_Initial.csv	11/29/2022	73	13.7
MONITOR_ox_mtn_GRID_75_2022_Q4_Initial.csv	11/30/2022	75	14.4
MONITOR_ox_mtn_GRID_76_2022_Q4_Initial.csv	11/30/2022	76	2.7
MONITOR_ox_mtn_GRID_77_2022_Q4_Initial.csv	11/28/2022	77	2.0
MONITOR_ox_mtn_GRID_78_2022_Q4_Initial.csv	11/23/2022	78	0.4
MONITOR_ox_mtn_GRID_79_2022_Q4_Initial.csv	11/28/2022	79	20.1
MONITOR_ox_mtn_GRID_80_2022_Q4_Initial.csv	11/29/2022	80	14.6
MONITOR_ox_mtn_GRID_82_2022_Q4_Initial.csv	11/30/2022	82	16.1
MONITOR_ox_mtn_GRID_83_2022_Q4_Initial.csv	11/30/2022	83	6.5
MONITOR_ox_mtn_GRID_84_2022_Q4_Initial.csv	11/28/2022	84	8.4
MONITOR_ox_mtn_GRID_85_2022_Q4_Initial.csv	11/28/2022	85	0.1
MONITOR_ox_mtn_GRID_86_2022_Q4_Initial.csv	11/28/2022	86	14.3
MONITOR_ox_mtn_GRID_87_2022_Q4_Initial.csv	11/29/2022	87	19.9
MONITOR_ox_mtn_GRID_89_2022_Q4_Initial.csv	11/30/2022	89	13.9
MONITOR_ox_mtn_GRID_90_2022_Q4_Initial.csv	11/30/2022	90	4.9
MONITOR_ox_mtn_GRID_91_2022_Q4_Initial.csv	11/28/2022	91	2.4
MONITOR_ox_mtn_GRID_92_2022_Q4_Initial.csv	11/28/2022	92	15.1
MONITOR_ox_mtn_GRID_93_2022_Q4_Initial.csv	11/29/2022	93	24.4
MONITOR_ox_mtn_GRID_96_2022_Q4_Initial.csv	11/30/2022	96	2.2
MONITOR_ox_mtn_GRID_97_2022_Q4_Initial.csv	11/28/2022	97	2.1
MONITOR_ox_mtn_GRID_98_2022_Q4_Initial.csv	11/28/2022	98	7.0
MONITOR_ox_mtn_GRID_99_2022_Q4_Initial.csv	11/29/2022	99	11.6
MONITOR_ox_mtn_GRID_102_2022_Q4_Initial.csv	11/30/2022	102	9.0
MONITOR_ox_mtn_GRID_103_2022_Q4_Initial.csv	11/28/2022	103	1.7
MONITOR_ox_mtn_GRID_104_2022_Q4_Initial.csv	11/28/2022	104	10.2
MONITOR_ox_mtn_GRID_105_2022_Q4_Initial.csv	11/29/2022	105	6.8
MONITOR_ox_mtn_GRID_108_2022_Q4_Initial.csv	11/30/2022	108	8.6
MONITOR_ox_mtn_GRID_109_2022_Q4_Initial.csv	11/29/2022	109	2.4
MONITOR_ox_mtn_GRID_110_2022_Q4_Initial.csv	11/28/2022	110	6.7
MONITOR_ox_mtn_GRID_111_2022_Q4_Initial.csv	11/29/2022	111	4.4
MONITOR_ox_mtn_GRID_114_2022_Q4_Initial.csv	11/30/2022	114	4.4
MONITOR_ox_mtn_GRID_115_2022_Q4_Initial.csv	11/29/2022	115	2.3
MONITOR_ox_mtn_GRID_116_2022_Q4_Initial.csv	11/28/2022	116	8.7
MONITOR_ox_mtn_GRID_117_2022_Q4_Initial.csv	11/29/2022	117	10.2
MONITOR_ox_mtn_GRID_120_2022_Q4_Initial.csv	11/30/2022	120	0.6
MONITOR_ox_mtn_GRID_121_2022_Q4_Initial.csv	11/29/2022	121	0.3
MONITOR_ox_mtn_GRID_122_2022_Q4_Initial.csv	11/28/2022	122	15.9
MONITOR_ox_mtn_GRID_123_2022_Q4_Initial.csv	11/29/2022	123	2.3
MONITOR_ox_mtn_GRID_126_2022_Q4_Initial.csv	11/30/2022	126	0.7
MONITOR_ox_mtn_GRID_127_2022_Q4_Initial.csv	11/29/2022	127	0.2
MONITOR_ox_mtn_GRID_128_2022_Q4_Initial.csv	11/28/2022	128	4.8
MONITOR_ox_mtn_GRID_129_2022_Q4_Initial.csv	11/29/2022	129	0.4
MONITOR_ox_mtn_GRID_130_2022_Q4_Initial.csv	11/30/2022	130	17.6
MONITOR_ox_mtn_GRID_132_2022_Q4_Initial.csv	11/30/2022	132	3.9

**Table 1**  
**SUMMARY OF INTEGRATED GRID INITIAL MONITORING**  
**4Q2022 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_133_2022_Q4_Initial.csv	11/29/2022	133	0.2
MONITOR_ox_mtn_GRID_134_2022_Q4_Initial.csv	11/29/2022	134	0.3
MONITOR_ox_mtn_GRID_135_2022_Q4_Initial.csv	11/30/2022	135	11.5
MONITOR_ox_mtn_GRID_137_2022_Q4_Initial.csv	11/29/2022	137	4.6
MONITOR_ox_mtn_GRID_138_2022_Q4_Initial.csv	11/29/2022	138	0.3
MONITOR_ox_mtn_GRID_139_2022_Q4_Initial.csv	11/29/2022	139	3.4
MONITOR_ox_mtn_GRID_140_2022_Q4_Initial.csv	11/30/2022	140	6.4
MONITOR_ox_mtn_GRID_141_2022_Q4_Initial.csv	11/30/2022	141	2.0
MONITOR_ox_mtn_GRID_142_2022_Q4_Initial.csv	11/29/2022	142	2.7
MONITOR_ox_mtn_GRID_143_2022_Q4_Initial.csv	11/29/2022	143	0.1
MONITOR_ox_mtn_GRID_144_2022_Q4_Initial.csv	11/29/2022	144	5.3
MONITOR_ox_mtn_GRID_145_2022_Q4_Initial.csv	11/30/2022	145	1.1
MONITOR_ox_mtn_GRID_146_2022_Q4_Initial.csv	11/30/2022	146	8.2
MONITOR_ox_mtn_GRID_147_2022_Q4_Initial.csv	11/29/2022	147	0.3
MONITOR_ox_mtn_GRID_148_2022_Q4_Initial.csv	11/29/2022	148	0.4
MONITOR_ox_mtn_GRID_149_2022_Q4_Initial.csv	11/29/2022	149	0.5
MONITOR_ox_mtn_GRID_150_2022_Q4_Initial.csv	11/30/2022	150	3.2
MONITOR_ox_mtn_GRID_151_2022_Q4_Initial.csv	11/30/2022	151	0.0
MONITOR_ox_mtn_GRID_152_2022_Q4_Initial.csv	11/29/2022	152	0.7
MONITOR_ox_mtn_GRID_153_2022_Q4_Initial.csv	11/29/2022	153	0.2
MONITOR_ox_mtn_GRID_154_2022_Q4_Initial.csv	11/29/2022	154	0.2
MONITOR_ox_mtn_GRID_155_2022_Q4_Initial.csv	11/30/2022	155	3.3
MONITOR_ox_mtn_GRID_156_2022_Q4_Initial.csv	11/30/2022	156	0.1
MONITOR_ox_mtn_GRID_157_2022_Q4_Initial.csv	11/29/2022	157	0.4
MONITOR_ox_mtn_GRID_158_2022_Q4_Initial.csv	11/29/2022	158	0.3
MONITOR_ox_mtn_GRID_159_2022_Q4_Initial.csv	11/30/2022	159	0.9
MONITOR_ox_mtn_GRID_160_2022_Q4_Initial.csv	11/30/2022	160	0.8
MONITOR_ox_mtn_GRID_161_2022_Q4_Initial.csv	11/29/2022	161	0.3
MONITOR_ox_mtn_GRID_162_2022_Q4_Initial.csv	11/29/2022	162	0.3
MONITOR_ox_mtn_GRID_164_2022_Q4_Initial.csv	11/30/2022	164	0.5
MONITOR_ox_mtn_GRID_165_2022_Q4_Initial.csv	11/28/2022	165	24.2
MONITOR_ox_mtn_GRID_167_2022_Q4_Initial.csv	11/30/2022	167	45.8
MONITOR_ox_mtn_GRID_168_2022_Q4_Initial.csv	11/30/2022	168	17.0

**Table 2**  
**SUMMARY OF INTEGRATED GRID REMONITORING**  
**FOR METHANE CONCENTRATIONS  $\geq$ 25 PPMV**  
**4Q2022 Ox Mountain Landfill**

INITIAL MONITORING				FIRST 10DAY <sup>1</sup>		SECOND 10DAY	
File Name	DATE	Grid ID	METHANE CONCENTRATION (ppmv)	DATE	METHANE CONCENTRATION (ppmv)	DATE	METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_167_2022_Q4_Initial.csv	11/30/2022	167	45.8	12/19/2022	3.2	N/A	N/A

1. Due to measureable rain in Half Moon Bay the First 10-day retesting had to be postponed until there was 72 hours of dry weather.



## APPENDIX C

### INSTANTANEOUS MONITORING RESULTS

Summary of Instantaneous Targeted Penetrations Monitored  
4Q2022 Ox Mountain Landfill

INITIAL MONITORING					
FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_CP13_2022_Q4_Initial.csv	11/14/2022	CP13	37.495472	-122.410805	1.8
MONITOR_OX_MTNwells_GRID_CP15_2022_Q4_Initial.csv	11/14/2022	CP15	37.495647	-122.410378	0.0
MONITOR_OX_MTNwells_GRID_CP16_2022_Q4_Initial.csv	11/14/2022	CP16	37.495987	-122.410650	0.0
MONITOR_OX_MTNwells_GRID_CP17_2022_Q4_Initial.csv	11/14/2022	CP17	37.497345	-122.413395	0.0
MONITOR_OX_MTNwells_GRID_CP18_2022_Q4_Initial.csv	11/14/2022	CP18	37.497283	-122.412762	0.0
MONITOR_OX_MTNwells_GRID_CP19_2022_Q4_Initial.csv	11/14/2022	CP19	37.497188	-122.411547	0.0
MONITOR_OX_MTNwells_GRID_CP1_2022_Q4_Initial.csv	11/15/2022	CP1	37.500355	-122.414583	1.1
MONITOR_OX_MTNwells_GRID_CP21_2022_Q4_Initial.csv	11/15/2022	CP21	37.500125	-122.415230	3261.7
MONITOR_OX_MTNwells_GRID_CP22_2022_Q4_Initial.csv	11/15/2022	CP22	37.501793	-122.414688	0.0
MONITOR_OX_MTNwells_GRID_CP23_2022_Q4_Initial.csv	11/14/2022	CP23	37.495660	-122.410400	0.0
MONITOR_OX_MTNwells_GRID_CP24_2022_Q4_Initial.csv	11/14/2022	CP24	37.495635	-122.410302	0.0
MONITOR_OX_MTNwells_GRID_CP25_2022_Q4_Initial.csv	11/14/2022	CP25	37.495870	-122.410373	0.0
MONITOR_OX_MTNwells_GRID_CP26_2022_Q4_Initial.csv	11/14/2022	CP26	37.498788	-122.408212	10.5
MONITOR_OX_MTNwells_GRID_CP27_2022_Q4_Initial.csv	11/15/2022	CP27	37.498845	-122.413083	95.3
MONITOR_OX_MTNwells_GRID_CP28_2022_Q4_Initial.csv	11/14/2022	CP28	37.499300	-122.411258	0.0
MONITOR_OX_MTNwells_GRID_CP29_2022_Q4_Initial.csv	11/14/2022	CP29	37.499345	-122.411568	213.8
MONITOR_OX_MTNwells_GRID_CP2_2022_Q4_Initial.csv	11/15/2022	CP2	37.500915	-122.414712	0.0
MONITOR_OX_MTNwells_GRID_CP32_2022_Q4_Initial.csv	11/14/2022	CP32	37.496218	-122.412485	0.0
MONITOR_OX_MTNwells_GRID_CP33_2022_Q4_Initial.csv	11/14/2022	CP33	37.496262	-122.412787	0.0
MONITOR_OX_MTNwells_GRID_CP34_2022_Q4_Initial.csv	11/14/2022	CP34	37.498947	-122.411095	275.0
MONITOR_OX_MTNwells_GRID_CP35_2022_Q4_Initial.csv	11/14/2022	CP35	37.498997	-122.412137	0.0
MONITOR_OX_MTNwells_GRID_CP38_2022_Q4_Initial.csv	11/14/2022	CP38	37.495622	-122.410382	0.0
MONITOR_OX_MTNwells_GRID_CP39_2022_Q4_Initial.csv	11/15/2022	CP39	37.499095	-122.415173	2097.5
MONITOR_OX_MTNwells_GRID_CP3_2022_Q4_Initial.csv	11/14/2022	CP3	37.496133	-122.411628	0.0
MONITOR_OX_MTNwells_GRID_CP40_2022_Q4_Initial.csv	11/15/2022	CP40	37.497163	-122.414580	0.0
MONITOR_OX_MTNwells_GRID_CP41_2022_Q4_Initial.csv	11/14/2022	CP41	37.495663	-122.410375	0.0
MONITOR_OX_MTNwells_GRID_CP42_2022_Q4_Initial.csv	11/14/2022	CP42	37.495660	-122.410370	0.0
MONITOR_OX_MTNwells_GRID_CP43_2022_Q4_Initial.csv	11/14/2022	CP43	37.495653	-122.410348	0.0
MONITOR_OX_MTNwells_GRID_CP44_2022_Q4_Initial.csv	11/14/2022	CP44	37.495615	-122.410388	0.0
MONITOR_OX_MTNwells_GRID_CP45_2022_Q4_Initial.csv	11/14/2022	CP45	37.495635	-122.410343	0.0
MONITOR_OX_MTNwells_GRID_CP46_2022_Q4_Initial.csv	11/14/2022	CP46	37.495635	-122.410308	0.0
MONITOR_OX_MTNwells_GRID_CP47_2022_Q4_Initial.csv	11/14/2022	CP47	37.495622	-122.410298	0.0
MONITOR_OX_MTNwells_GRID_CP48_2022_Q4_Initial.csv	11/14/2022	CP48	37.500575	-122.407560	0.0
MONITOR_OX_MTNwells_GRID_CP49_2022_Q4_Initial.csv	11/15/2022	CP49	37.503265	-122.409155	0.0
MONITOR_OX_MTNwells_GRID_CP4_2022_Q4_Initial.csv	11/14/2022	CP4	37.496080	-122.411078	0.0
MONITOR_OX_MTNwells_GRID_CP51_2022_Q4_Initial.csv	11/14/2022	CP51	37.502193	-122.410943	0.0
MONITOR_OX_MTNwells_GRID_CP53_2022_Q4_Initial.csv	11/14/2022	CP53	37.495447	-122.410827	0.0
MONITOR_OX_MTNwells_GRID_CP54_2022_Q4_Initial.csv	11/14/2022	CP54	37.495485	-122.410810	4.1
MONITOR_OX_MTNwells_GRID_CP56_2022_Q4_Initial.csv	11/14/2022	CP56	37.496780	-122.407325	0.0
MONITOR_OX_MTNwells_GRID_CP60_2022_Q4_Initial.csv	11/14/2022	CP60	37.501697	-122.410223	38.2
MONITOR_OX_MTNwells_GRID_CP61_2022_Q4_Initial.csv	11/14/2022	CP61	37.501698	-122.410233	42.2
MONITOR_OX_MTNwells_GRID_CP65_2022_Q4_Initial.csv	11/15/2022	CP65	37.503250	-122.409578	0.0
MONITOR_OX_MTNwells_GRID_CP66_2022_Q4_Initial.csv	11/14/2022	CP66	37.502628	-122.410055	39.3
MONITOR_OX_MTNwells_GRID_CP68_2022_Q4_Initial.csv	11/15/2022	CP68	37.508410	-122.405827	0.0
MONITOR_OX_MTNwells_GRID_CP69_2022_Q4_Initial.csv	11/14/2022	CP69	37.506417	-122.406387	0.0
MONITOR_OX_MTNwells_GRID_CP6_2022_Q4_Initial.csv	11/14/2022	CP6	37.496272	-122.412252	0.0
MONITOR_OX_MTNwells_GRID_CP76_2022_Q4_Initial.csv	11/15/2022	CP76	37.502058	-122.411280	3.1
MONITOR_OX_MTNwells_GRID_CP77_2022_Q4_Initial.csv	11/14/2022	CP77	37.501692	-122.410208	2.4
MONITOR_OX_MTNwells_GRID_CP79_2022_Q4_Initial.csv	11/14/2022	CP79	37.498857	-122.409995	3.8
MONITOR_OX_MTNwells_GRID_CP80_2022_Q4_Initial.csv	11/14/2022	CP80	37.495713	-122.410618	0.0
MONITOR_OX_MTNwells_GRID_CP81_2022_Q4_Initial.csv	11/15/2022	CP81	37.496133	-122.412255	22.3
MONITOR_OX_MTNwells_GRID_CP82_2022_Q4_Initial.csv	11/14/2022	CP82	37.499315	-122.408250	3178.4

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FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_CP83_2022_Q4_Initial.csv	11/14/2022	CP83	37.499327	-122.408238	0.0
MONITOR_OX_MTNwells_GRID_CP84_2022_Q4_Initial.csv	11/14/2022	CP84	37.499908	-122.407940	0.0
MONITOR_OX_MTNwells_GRID_CP85_2022_Q4_Initial.csv	11/14/2022	CP85	37.499325	-122.408907	0.0
MONITOR_OX_MTNwells_GRID_CP87_2022_Q4_Initial.csv	11/14/2022	CP87	37.495585	-122.410173	0.0
MONITOR_OX_MTNwells_GRID_CP88_2022_Q4_Initial.csv	11/14/2022	CP88	37.495978	-122.407652	0.0
MONITOR_OX_MTNwells_GRID_CP89_2022_Q4_Initial.csv	11/14/2022	CP89	37.498415	-122.407808	3.3
MONITOR_OX_MTNwells_GRID_CP90_2022_Q4_Initial.csv	11/15/2022	CP90	37.503530	-122.411717	35.8
MONITOR_OX_MTNwells_GRID_CP91_2022_Q4_Initial.csv	11/15/2022	CP91	37.503548	-122.411752	150.2
MONITOR_OX_MTNwells_GRID_CP93_2022_Q4_Initial.csv	11/15/2022	CP93	37.503515	-122.411800	77.5
MONITOR_OX_MTNwells_GRID_CP95_2022_Q4_Initial.csv	11/15/2022	CP95	37.501498	-122.414727	0.0
MONITOR_OX_MTNwells_GRID_CP97_2022_Q4_Initial.csv	11/15/2022	CP97	37.501782	-122.414642	0.0
MONITOR_OX_MTNwells_GRID_CP98_2022_Q4_Initial.csv	11/15/2022	CP98	37.500962	-122.415017	0.0
MONITOR_OX_MTNwells_GRID_E302D_2022_Q4_Initial.csv	11/14/2022	E302D	37.496753	-122.408127	22.3
MONITOR_OX_MTNwells_GRID_E306D_2022_Q4_Initial.csv	11/14/2022	E306D	37.496490	-122.409005	0.0
MONITOR_OX_MTNwells_GRID_E312D_2022_Q4_Initial.csv	11/14/2022	E312D	37.497933	-122.411728	0.0
MONITOR_OX_MTNwells_GRID_E316D_2022_Q4_Initial.csv	11/15/2022	E316D	37.501255	-122.413480	29.3
MONITOR_OX_MTNwells_GRID_E317D_2022_Q4_Initial.csv	11/15/2022	E317D	37.500605	-122.413608	0.0
MONITOR_OX_MTNwells_GRID_EW101_2022_Q4_Initial.csv	11/14/2022	EW101	37.504808	-122.409413	0.0
MONITOR_OX_MTNwells_GRID_EW104_2022_Q4_Initial.csv	11/15/2022	EW104	37.501667	-122.414707	0.0
MONITOR_OX_MTNwells_GRID_EW107_2022_Q4_Initial.csv	11/15/2022	EW107	37.501640	-122.414712	0.0
MONITOR_OX_MTNwells_GRID_EW113_2022_Q4_Initial.csv	11/15/2022	EW113	37.497505	-122.414607	0.0
MONITOR_OX_MTNwells_GRID_EW122_2022_Q4_Initial.csv	11/14/2022	EW122	37.495627	-122.410348	0.0
MONITOR_OX_MTNwells_GRID_EW126_2022_Q4_Initial.csv	11/15/2022	EW126	37.500142	-122.415208	86.4
MONITOR_OX_MTNwells_GRID_EW133B_2022_Q4_Initial.csv	11/15/2022	EW133B	37.497507	-122.414600	0.0
MONITOR_OX_MTNwells_GRID_EW134A_2022_Q4_Initial.csv	11/15/2022	EW134A	37.497503	-122.414608	0.0
MONITOR_OX_MTNwells_GRID_EW134B_2022_Q4_Initial.csv	11/15/2022	EW134B	37.497512	-122.414602	2.6
MONITOR_OX_MTNwells_GRID_EW137B_2022_Q4_Initial.csv	11/14/2022	EW137B	37.496340	-122.413247	0.0
MONITOR_OX_MTNwells_GRID_EW138_2022_Q4_Initial.csv	11/14/2022	EW138	37.496342	-122.413190	0.0
MONITOR_OX_MTNwells_GRID_EW145_2022_Q4_Initial.csv	11/15/2022	EW145	37.497888	-122.414607	0.0
MONITOR_OX_MTNwells_GRID_EW156R_2022_Q4_Initial.csv	11/14/2022	EW156R	37.506360	-122.406377	0.0
MONITOR_OX_MTNwells_GRID_EW156_2022_Q4_Initial.csv	11/14/2022	EW156	37.506443	-122.405933	136.3
MONITOR_OX_MTNwells_GRID_EW158_2022_Q4_Initial.csv	11/15/2022	EW158	37.501088	-122.414910	0.0
MONITOR_OX_MTNwells_GRID_EW159_2022_Q4_Initial.csv	11/15/2022	EW159	37.500865	-122.415025	0.0
MONITOR_OX_MTNwells_GRID_EW1601_2022_Q4_Initial.csv	11/14/2022	EW1601	37.501965	-122.411718	5.7
MONITOR_OX_MTNwells_GRID_EW1602_2022_Q4_Initial.csv	11/15/2022	EW1602	37.501625	-122.412578	0.0
MONITOR_OX_MTNwells_GRID_EW1603_2022_Q4_Initial.csv	11/15/2022	EW1603	37.500910	-122.412288	70.2
MONITOR_OX_MTNwells_GRID_EW1604_2022_Q4_Initial.csv	11/15/2022	EW1604	37.500287	-122.412773	15.9
MONITOR_OX_MTNwells_GRID_EW1611_2022_Q4_Initial.csv	11/14/2022	EW1611	37.499268	-122.411295	0.0
MONITOR_OX_MTNwells_GRID_EW1612_2022_Q4_Initial.csv	11/15/2022	EW1612	37.502143	-122.412620	0.0
MONITOR_OX_MTNwells_GRID_EW1613_2022_Q4_Initial.csv	11/15/2022	EW1613	37.499807	-122.412810	65.0
MONITOR_OX_MTNwells_GRID_EW1614_2022_Q4_Initial.csv	11/15/2022	EW1614	37.499260	-122.413065	1.3
MONITOR_OX_MTNwells_GRID_EW1616_2022_Q4_Initial.csv	11/14/2022	EW1616	37.498488	-122.412228	0.0
MONITOR_OX_MTNwells_GRID_EW1617_2022_Q4_Initial.csv	11/14/2022	EW1617	37.498018	-122.412388	2.4
MONITOR_OX_MTNwells_GRID_EW1618_2022_Q4_Initial.csv	11/15/2022	EW1618	37.500010	-122.413113	0.0
MONITOR_OX_MTNwells_GRID_EW1619_2022_Q4_Initial.csv	11/14/2022	EW1619	37.496752	-122.412763	0.0
MONITOR_OX_MTNwells_GRID_EW1620_2022_Q4_Initial.csv	11/14/2022	EW1620	37.496695	-122.412098	0.0
MONITOR_OX_MTNwells_GRID_EW1621_2022_Q4_Initial.csv	11/14/2022	EW1621	37.497245	-122.412757	0.0
MONITOR_OX_MTNwells_GRID_EW1622_2022_Q4_Initial.csv	11/14/2022	EW1622	37.496872	-122.413530	0.0
MONITOR_OX_MTNwells_GRID_EW1625R_2022_Q4_Initial.csv	11/14/2022	EW1625R	37.503075	-122.410275	30.2
MONITOR_OX_MTNwells_GRID_EW1626R_2022_Q4_Initial.csv	11/14/2022	EW1626R	37.502985	-122.410280	42.2
MONITOR_OX_MTNwells_GRID_EW162_2022_Q4_Initial.csv	11/14/2022	EW162	37.496260	-122.411930	0.0
MONITOR_OX_MTNwells_GRID_EW164_2022_Q4_Initial.csv	11/14/2022	EW164	37.496158	-122.411247	9.7

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MONITOR_OX_MTNwells_GRID_EW1701_2022_Q4_Initial.csv	11/14/2022	EW1701	37.497530	-122.408460	0.0
MONITOR_OX_MTNwells_GRID_EW1702_2022_Q4_Initial.csv	11/14/2022	EW1702	37.497818	-122.408713	0.0
MONITOR_OX_MTNwells_GRID_EW1703_2022_Q4_Initial.csv	11/14/2022	EW1703	37.498140	-122.409448	3.4
MONITOR_OX_MTNwells_GRID_EW1705_2022_Q4_Initial.csv	11/14/2022	EW1705	37.498858	-122.411407	21.9
MONITOR_OX_MTNwells_GRID_EW170_2022_Q4_Initial.csv	11/14/2022	EW170	37.508732	-122.405103	0.0
MONITOR_OX_MTNwells_GRID_EW1712AR_2022_Q4_Initial.csv	11/14/2022	EW1712AR	37.503003	-122.410297	0.0
MONITOR_OX_MTNwells_GRID_EW1713R_2022_Q4_Initial.csv	11/14/2022	EW1713R	37.503042	-122.410298	0.0
MONITOR_OX_MTNwells_GRID_EW1715_2022_Q4_Initial.csv	11/14/2022	EW1715	37.503228	-122.410148	0.0
MONITOR_OX_MTNwells_GRID_EW1716_2022_Q4_Initial.csv	11/14/2022	EW1716	37.507652	-122.406412	0.0
MONITOR_OX_MTNwells_GRID_EW1717_2022_Q4_Initial.csv	11/14/2022	EW1717	37.506808	-122.406348	0.0
MONITOR_OX_MTNwells_GRID_EW173_2022_Q4_Initial.csv	11/14/2022	EW173	37.507292	-122.405945	0.0
MONITOR_OX_MTNwells_GRID_EW174R_2022_Q4_Initial.csv	11/14/2022	EW174R	37.506397	-122.406375	0.0
MONITOR_OX_MTNwells_GRID_EW174_2022_Q4_Initial.csv	11/14/2022	EW174	37.506695	-122.405922	0.0
MONITOR_OX_MTNwells_GRID_EW175R_2022_Q4_Initial.csv	11/14/2022	EW175R	37.506298	-122.406370	0.0
MONITOR_OX_MTNwells_GRID_EW175V_2022_Q4_Initial.csv	11/14/2022	EW175V	37.506323	-122.406238	0.0
MONITOR_OX_MTNwells_GRID_EW176_2022_Q4_Initial.csv	11/15/2022	EW176	37.503275	-122.408597	0.0
MONITOR_OX_MTNwells_GRID_EW1801_2022_Q4_Initial.csv	11/15/2022	EW1801	37.498802	-122.413058	0.0
MONITOR_OX_MTNwells_GRID_EW1804_2022_Q4_Initial.csv	11/15/2022	EW1804	37.500628	-122.413052	0.0
MONITOR_OX_MTNwells_GRID_EW1805_2022_Q4_Initial.csv	11/15/2022	EW1805	37.501008	-122.412968	0.0
MONITOR_OX_MTNwells_GRID_EW1806_2022_Q4_Initial.csv	11/14/2022	EW1806	37.497418	-122.410797	0.0
MONITOR_OX_MTNwells_GRID_EW1807_2022_Q4_Initial.csv	11/14/2022	EW1807	37.498330	-122.410650	0.0
MONITOR_OX_MTNwells_GRID_EW1808_2022_Q4_Initial.csv	11/14/2022	EW1808	37.498695	-122.409298	100.0
MONITOR_OX_MTNwells_GRID_EW1809_2022_Q4_Initial.csv	11/14/2022	EW1809	37.502723	-122.411283	2.4
MONITOR_OX_MTNwells_GRID_EW1810_2022_Q4_Initial.csv	11/14/2022	EW1810	37.508348	-122.405242	0.0
MONITOR_OX_MTNwells_GRID_EW1811_2022_Q4_Initial.csv	11/15/2022	EW1811	37.500395	-122.414573	0.0
MONITOR_OX_MTNwells_GRID_EW1812_2022_Q4_Initial.csv	11/15/2022	EW1812	37.501393	-122.413855	0.0
MONITOR_OX_MTNwells_GRID_EW1813_2022_Q4_Initial.csv	11/14/2022	EW1813	37.498533	-122.411723	0.0
MONITOR_OX_MTNwells_GRID_EW1815_2022_Q4_Initial.csv	11/14/2022	EW1815	37.496853	-122.408430	6.1
MONITOR_OX_MTNwells_GRID_EW1816_2022_Q4_Initial.csv	11/14/2022	EW1816	37.498088	-122.408468	0.0
MONITOR_OX_MTNwells_GRID_EW1817_2022_Q4_Initial.csv	11/14/2022	EW1817	37.498843	-122.408918	283.3
MONITOR_OX_MTNwells_GRID_EW181_2022_Q4_Initial.csv	11/15/2022	EW181	37.501777	-122.413945	14.0
MONITOR_OX_MTNwells_GRID_EW1821_2022_Q4_Initial.csv	11/14/2022	EW1821	37.509708	-122.405660	0.0
MONITOR_OX_MTNwells_GRID_EW1822_2022_Q4_Initial.csv	11/14/2022	EW1822	37.509473	-122.405823	0.0
MONITOR_OX_MTNwells_GRID_EW1823_2022_Q4_Initial.csv	11/14/2022	EW1823	37.509142	-122.405985	0.0
MONITOR_OX_MTNwells_GRID_EW1824_2022_Q4_Initial.csv	11/14/2022	EW1824	37.508580	-122.405330	0.0
MONITOR_OX_MTNwells_GRID_EW1825_2022_Q4_Initial.csv	11/14/2022	EW1825	37.508133	-122.405297	0.0
MONITOR_OX_MTNwells_GRID_EW1826_2022_Q4_Initial.csv	11/15/2022	EW1826	37.501242	-122.414313	0.0
MONITOR_OX_MTNwells_GRID_EW182_2022_Q4_Initial.csv	11/15/2022	EW182	37.499253	-122.413735	0.0
MONITOR_OX_MTNwells_GRID_EW183_2022_Q4_Initial.csv	11/15/2022	EW183	37.498662	-122.414130	0.0
MONITOR_OX_MTNwells_GRID_EW184_2022_Q4_Initial.csv	11/15/2022	EW184	37.497593	-122.414097	0.0
MONITOR_OX_MTNwells_GRID_EW185_2022_Q4_Initial.csv	11/14/2022	EW185	37.497300	-122.413918	0.0
MONITOR_OX_MTNwells_GRID_EW186_2022_Q4_Initial.csv	11/14/2022	EW186	37.497937	-122.412898	0.0
MONITOR_OX_MTNwells_GRID_EW187_2022_Q4_Initial.csv	11/14/2022	EW187	37.497468	-122.412930	5.6
MONITOR_OX_MTNwells_GRID_EW188_2022_Q4_Initial.csv	11/14/2022	EW188	37.497210	-122.412412	0.0
MONITOR_OX_MTNwells_GRID_EW189_2022_Q4_Initial.csv	11/14/2022	EW189	37.497133	-122.411695	23.8
MONITOR_OX_MTNwells_GRID_EW1901_2022_Q4_Initial.csv	11/14/2022	EW1901	37.496617	-122.410450	892.8
MONITOR_OX_MTNwells_GRID_EW1902_2022_Q4_Initial.csv	11/14/2022	EW1902	37.497390	-122.408893	0.0
MONITOR_OX_MTNwells_GRID_EW1904R_2022_Q4_Initial.csv	11/14/2022	EW1904R	37.498387	-122.409702	10.2
MONITOR_OX_MTNwells_GRID_EW1904V_2022_Q4_Initial.csv	11/14/2022	EW1904V	37.498198	-122.410117	112.3
MONITOR_OX_MTNwells_GRID_EW1908_2022_Q4_Initial.csv	11/15/2022	EW1908	37.499973	-122.411840	1432.6
MONITOR_OX_MTNwells_GRID_EW190_2022_Q4_Initial.csv	11/14/2022	EW190	37.497963	-122.411537	0.0
MONITOR_OX_MTNwells_GRID_EW1910_2022_Q4_Initial.csv	11/15/2022	EW1910	37.501080	-122.411697	0.0

Summary of Instantaneous Targeted Penetrations Monitored  
4Q2022 Ox Mountain Landfill

INITIAL MONITORING					
FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_EW1911_2022_Q4_Initial.csv	11/15/2022	EW1911	37.501717	-122.412822	307.6
MONITOR_OX_MTNwells_GRID_EW1912_2022_Q4_Initial.csv	11/14/2022	EW1912	37.502007	-122.412283	0.0
MONITOR_OX_MTNwells_GRID_EW1913_2022_Q4_Initial.csv	11/15/2022	EW1913	37.502648	-122.413638	1033.5
MONITOR_OX_MTNwells_GRID_EW1914_2022_Q4_Initial.csv	11/15/2022	EW1914	37.502808	-122.412403	67.8
MONITOR_OX_MTNwells_GRID_EW1915R_2022_Q4_Initial.csv	11/14/2022	EW1915R	37.506077	-122.406380	2.1
MONITOR_OX_MTNwells_GRID_EW1915V_2022_Q4_Initial.csv	11/14/2022	EW1915V	37.506022	-122.406162	0.0
MONITOR_OX_MTNwells_GRID_EW1916_2022_Q4_Initial.csv	11/14/2022	EW1916	37.507137	-122.407643	0.0
MONITOR_OX_MTNwells_GRID_EW1917_2022_Q4_Initial.csv	11/14/2022	EW1917	37.506507	-122.408030	39.4
MONITOR_OX_MTNwells_GRID_EW1919_2022_Q4_Initial.csv	11/14/2022	EW1919	37.509445	-122.406117	1.4
MONITOR_OX_MTNwells_GRID_EW191_2022_Q4_Initial.csv	11/14/2022	EW191	37.507198	-122.406625	0.0
MONITOR_OX_MTNwells_GRID_EW1920_2022_Q4_Initial.csv	11/14/2022	EW1920	37.509920	-122.405668	0.0
MONITOR_OX_MTNwells_GRID_EW1921_2022_Q4_Initial.csv	11/14/2022	EW1921	37.508490	-122.405755	0.0
MONITOR_OX_MTNwells_GRID_EW192_2022_Q4_Initial.csv	11/14/2022	EW192	37.505110	-122.406962	0.0
MONITOR_OX_MTNwells_GRID_EW194_2022_Q4_Initial.csv	11/15/2022	EW194	37.500807	-122.414505	0.0
MONITOR_OX_MTNwells_GRID_EW196_2022_Q4_Initial.csv	11/15/2022	EW196	37.498753	-122.413532	0.0
MONITOR_OX_MTNwells_GRID_EW199_2022_Q4_Initial.csv	11/14/2022	EW199	37.498060	-122.413343	0.0
MONITOR_OX_MTNwells_GRID_EW2001_2022_Q4_Initial.csv	11/14/2022	EW2001	37.505430	-122.407493	0.0
MONITOR_OX_MTNwells_GRID_EW2002_2022_Q4_Initial.csv	11/14/2022	EW2002	37.506063	-122.406713	0.0
MONITOR_OX_MTNwells_GRID_EW2003_2022_Q4_Initial.csv	11/14/2022	EW2003	37.506753	-122.406800	0.0
MONITOR_OX_MTNwells_GRID_EW2004_2022_Q4_Initial.csv	11/14/2022	EW2004	37.507320	-122.406215	0.0
MONITOR_OX_MTNwells_GRID_EW2005_2022_Q4_Initial.csv	11/14/2022	EW2005	37.508165	-122.405832	0.0
MONITOR_OX_MTNwells_GRID_EW2007_2022_Q4_Initial.csv	11/14/2022	EW2007	37.508815	-122.405720	0.0
MONITOR_OX_MTNwells_GRID_EW2008_2022_Q4_Initial.csv	11/14/2022	EW2008	37.509228	-122.405328	0.0
MONITOR_OX_MTNwells_GRID_EW2009_2022_Q4_Initial.csv	11/14/2022	EW2009	37.505537	-122.408393	258.9
MONITOR_OX_MTNwells_GRID_EW200_2022_Q4_Initial.csv	11/14/2022	EW200	37.497460	-122.413340	0.0
MONITOR_OX_MTNwells_GRID_EW2010_2022_Q4_Initial.csv	11/14/2022	EW2010	37.506192	-122.408210	192.2
MONITOR_OX_MTNwells_GRID_EW2011_2022_Q4_Initial.csv	11/14/2022	EW2011	37.506810	-122.407397	0.0
MONITOR_OX_MTNwells_GRID_EW2012_2022_Q4_Initial.csv	11/14/2022	EW2012	37.505403	-122.406817	0.0
MONITOR_OX_MTNwells_GRID_EW2016_2022_Q4_Initial.csv	11/15/2022	EW2016	37.500600	-122.412495	9.5
MONITOR_OX_MTNwells_GRID_EW2017_2022_Q4_Initial.csv	11/15/2022	EW2017	37.501173	-122.412470	5.6
MONITOR_OX_MTNwells_GRID_EW201_2022_Q4_Initial.csv	11/14/2022	EW201	37.497253	-122.413532	0.0
MONITOR_OX_MTNwells_GRID_EW2020_2022_Q4_Initial.csv	11/14/2022	EW2020	37.496977	-122.408967	0.0
MONITOR_OX_MTNwells_GRID_EW2021_2022_Q4_Initial.csv	11/14/2022	EW2021	37.496768	-122.407927	61.0
MONITOR_OX_MTNwells_GRID_EW2022R_2022_Q4_Initial.csv	11/14/2022	EW2022R	37.498380	-122.409668	4.7
MONITOR_OX_MTNwells_GRID_EW2022V_2022_Q4_Initial.csv	11/14/2022	EW2022V	37.497783	-122.410133	0.0
MONITOR_OX_MTNwells_GRID_EW2023_2022_Q4_Initial.csv	11/14/2022	EW2023	37.498530	-122.409678	1.2
MONITOR_OX_MTNwells_GRID_EW2024_2022_Q4_Initial.csv	11/14/2022	EW2024	37.499407	-122.409737	288.2
MONITOR_OX_MTNwells_GRID_EW2029_2022_Q4_Initial.csv	11/14/2022	EW2029	37.497890	-122.410970	6.2
MONITOR_OX_MTNwells_GRID_EW2030_2022_Q4_Initial.csv	11/14/2022	EW2030	37.498873	-122.412163	0.0
MONITOR_OX_MTNwells_GRID_EW2031_2022_Q4_Initial.csv	11/15/2022	EW2031	37.499507	-122.412573	268.3
MONITOR_OX_MTNwells_GRID_EW203_2022_Q4_Initial.csv	11/14/2022	EW203	37.496737	-122.414513	0.0
MONITOR_OX_MTNwells_GRID_EW204_2022_Q4_Initial.csv	11/14/2022	EW204	37.496660	-122.413912	0.0
MONITOR_OX_MTNwells_GRID_EW205_2022_Q4_Initial.csv	11/14/2022	EW205	37.497500	-122.412110	0.0
MONITOR_OX_MTNwells_GRID_EW209_2022_Q4_Initial.csv	11/14/2022	EW209	37.497388	-122.409523	3.0
MONITOR_OX_MTNwells_GRID_EW2101_2022_Q4_Initial.csv	11/14/2022	EW2101	37.497295	-122.411297	0.0
MONITOR_OX_MTNwells_GRID_EW2102R_2022_Q4_Initial.csv	11/14/2022	EW2102R	37.499275	-122.411337	4.3
MONITOR_OX_MTNwells_GRID_EW2102V_2022_Q4_Initial.csv	11/14/2022	EW2102V	37.498833	-122.411015	39.9
MONITOR_OX_MTNwells_GRID_EW2103_2022_Q4_Initial.csv	11/14/2022	EW2103	37.499383	-122.410298	15.3
MONITOR_OX_MTNwells_GRID_EW2104_2022_Q4_Initial.csv	11/14/2022	EW2104	37.499778	-122.409043	0.0
MONITOR_OX_MTNwells_GRID_EW2105_2022_Q4_Initial.csv	11/15/2022	EW2105	37.500425	-122.411668	2744.5
MONITOR_OX_MTNwells_GRID_EW2106_2022_Q4_Initial.csv	11/14/2022	EW2106	37.502393	-122.411615	23.8
MONITOR_OX_MTNwells_GRID_EW2107_2022_Q4_Initial.csv	11/14/2022	EW2107	37.505015	-122.407458	0.0

Summary of Instantaneous Targeted Penetrations Monitored  
4Q2022 Ox Mountain Landfill

INITIAL MONITORING					
FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_EW2108_2022_Q4_Initial.csv	11/14/2022	EW2108	37.505877	-122.406933	0.0
MONITOR_OX_MTNwells_GRID_EW2109_2022_Q4_Initial.csv	11/14/2022	EW2109	37.506400	-122.407350	8.2
MONITOR_OX_MTNwells_GRID_EW210_2022_Q4_Initial.csv	11/14/2022	EW210	37.496282	-122.408738	0.0
MONITOR_OX_MTNwells_GRID_EW2110R_2022_Q4_Initial.csv	11/14/2022	EW2110R	37.498895	-122.410530	11.3
MONITOR_OX_MTNwells_GRID_EW2110_2022_Q4_Initial.csv	11/14/2022	EW2110	37.498750	-122.410320	0.0
MONITOR_OX_MTNwells_GRID_EW2111_2022_Q4_Initial.csv	11/14/2022	EW2111	37.501343	-122.411033	15.5
MONITOR_OX_MTNwells_GRID_EW2112_2022_Q4_Initial.csv	11/14/2022	EW2112	37.501798	-122.410062	92.0
MONITOR_OX_MTNwells_GRID_EW2113_2022_Q4_Initial.csv	11/14/2022	EW2113	37.501783	-122.410985	0.0
MONITOR_OX_MTNwells_GRID_EW300_2022_Q4_Initial.csv	11/14/2022	EW300	37.497035	-122.407808	208.3
MONITOR_OX_MTNwells_GRID_EW302_2022_Q4_Initial.csv	11/14/2022	EW302	37.496790	-122.408163	0.0
MONITOR_OX_MTNwells_GRID_EW306_2022_Q4_Initial.csv	11/14/2022	EW306	37.496462	-122.408992	0.0
MONITOR_OX_MTNwells_GRID_EW307_2022_Q4_Initial.csv	11/15/2022	EW307	37.498578	-122.414718	0.0
MONITOR_OX_MTNwells_GRID_EW309_2022_Q4_Initial.csv	11/14/2022	EW309	37.497110	-122.409523	100.3
MONITOR_OX_MTNwells_GRID_EW310_2022_Q4_Initial.csv	11/15/2022	EW310	37.498557	-122.413252	3.2
MONITOR_OX_MTNwells_GRID_EW311_2022_Q4_Initial.csv	11/14/2022	EW311	37.496637	-122.411375	0.0
MONITOR_OX_MTNwells_GRID_EW312_2022_Q4_Initial.csv	11/14/2022	EW312	37.497955	-122.411737	0.0
MONITOR_OX_MTNwells_GRID_EW315_2022_Q4_Initial.csv	11/14/2022	EW315	37.497283	-122.408367	0.0
MONITOR_OX_MTNwells_GRID_EW317_2022_Q4_Initial.csv	11/15/2022	EW317	37.500605	-122.413612	0.0
MONITOR_OX_MTNwells_GRID_EW318_2022_Q4_Initial.csv	11/15/2022	EW318	37.499973	-122.413733	0.0
MONITOR_OX_MTNwells_GRID_EW319_2022_Q4_Initial.csv	11/15/2022	EW319	37.499372	-122.413337	0.0
MONITOR_OX_MTNwells_GRID_EW320_2022_Q4_Initial.csv	11/14/2022	EW320	37.498288	-122.411248	0.0
MONITOR_OX_MTNwells_GRID_EW322_2022_Q4_Initial.csv	11/15/2022	EW322	37.502143	-122.413232	0.0
MONITOR_OX_MTNwells_GRID_EW323_2022_Q4_Initial.csv	11/15/2022	EW323	37.502388	-122.412067	74.4
MONITOR_OX_MTNwells_GRID_EW328_2022_Q4_Initial.csv	11/15/2022	EW328	37.501487	-122.412153	6.1
MONITOR_OX_MTNwells_GRID_EW59_2022_Q4_Initial.csv	11/14/2022	EW59	37.507742	-122.405780	0.0
MONITOR_OX_MTNwells_GRID_EW72_2022_Q4_Initial.csv	11/15/2022	EW72	37.500113	-122.415268	257.5
MONITOR_OX_MTNwells_GRID_EW99_2022_Q4_Initial.csv	11/14/2022	EW99	37.504677	-122.406337	0.0
MONITOR_OX_MTNwells_GRID_EWHC1_2022_Q4_Initial.csv	11/15/2022	EWHC1	37.499118	-122.415222	218.3
MONITOR_OX_MTNwells_GRID_EWHC6A_2022_Q4_Initial.csv	11/14/2022	EWHC6A	37.506342	-122.406368	0.0
MONITOR_OX_MTNwells_GRID_EWW05_2022_Q4_Initial.csv	11/14/2022	EWW05	37.505352	-122.408100	37.6
MONITOR_OX_MTNwells_GRID_EWW06_2022_Q4_Initial.csv	11/14/2022	EWW06	37.504658	-122.408447	20.4
MONITOR_OX_MTNwells_GRID_EWW08_2022_Q4_Initial.csv	11/14/2022	EWW08	37.504745	-122.407108	0.0
MONITOR_OX_MTNwells_GRID_EWW15_2022_Q4_Initial.csv	11/15/2022	EWW15	37.503250	-122.409142	0.0
MONITOR_OX_MTNwells_GRID_EWW17_2022_Q4_Initial.csv	11/14/2022	EWW17	37.503400	-122.410060	239.7
MONITOR_OX_MTNwells_GRID_EWW18R_2022_Q4_Initial.csv	11/14/2022	EWW18R	37.503263	-122.410793	118.4
MONITOR_OX_MTNwells_GRID_EWW18V_2022_Q4_Initial.csv	11/14/2022	EWW18V	37.503145	-122.410868	830.3
MONITOR_OX_MTNwells_GRID_EWW1G_2022_Q4_Initial.csv	11/14/2022	EWW1G	37.506178	-122.408363	0.0
MONITOR_OX_MTNwells_GRID_EWW1I_2022_Q4_Initial.csv	11/14/2022	EWW1I	37.505587	-122.408703	0.0
MONITOR_OX_MTNwells_GRID_EWW1J_2022_Q4_Initial.csv	11/14/2022	EWW1J	37.505322	-122.408848	0.0
MONITOR_OX_MTNwells_GRID_EWW1K_2022_Q4_Initial.csv	11/14/2022	EWW1K	37.504942	-122.409157	0.0
MONITOR_OX_MTNwells_GRID_EWW1S_2022_Q4_Initial.csv	11/14/2022	EWW1S	37.504297	-122.410333	0.0
MONITOR_OX_MTNwells_GRID_EWW26R_2022_Q4_Initial.csv	11/14/2022	EWW26R	37.503313	-122.410795	284.5
MONITOR_OX_MTNwells_GRID_HC1922_2022_Q4_Initial.csv	11/14/2022	HC1922	37.501807	-122.411318	0.0
MONITOR_OX_MTNwells_GRID_HC2013_2022_Q4_Initial.csv	11/14/2022	HC2013	37.503245	-122.410143	0.0
MONITOR_OX_MTNwells_GRID_HC2014_2022_Q4_Initial.csv	11/14/2022	HC2014	37.501708	-122.410242	83.0
MONITOR_OX_MTNwells_GRID_HCF03_2022_Q4_Initial.csv	11/14/2022	HCF03	37.495467	-122.410798	0.0
MONITOR_OX_MTNwells_GRID_HCF04_2022_Q4_Initial.csv	11/14/2022	HCF04	37.495487	-122.410818	0.0
MONITOR_OX_MTNwells_GRID_HCF06_2022_Q4_Initial.csv	11/14/2022	HCF06	37.495430	-122.410822	0.0
MONITOR_OX_MTNwells_GRID_LCRS07_2022_Q4_Initial.csv	11/14/2022	LCRS07	37.497870	-122.407482	0.0
MONITOR_OX_MTNwells_GRID_LCRS3A_2022_Q4_Initial.csv	11/14/2022	LCRS3A	37.496355	-122.413217	0.0
MONITOR_OX_MTNwells_GRID_LCRS3B_2022_Q4_Initial.csv	11/14/2022	LCRS3B	37.496367	-122.413212	0.0
MONITOR_OX_MTNwells_GRID_PEW30_2022_Q4_Initial.csv	11/14/2022	PEW30	37.507190	-122.407325	0.0

Summary of Instantaneous Targeted Penetrations Monitored  
4Q2022 Ox Mountain Landfill

INITIAL MONITORING					
FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_PEW31_2022_Q4_Initial.csv	11/14/2022	PEW31	37.506658	-122.407757	0.0
MONITOR_OX_MTNwells_GRID_PEW32_2022_Q4_Initial.csv	11/15/2022	PEW32	37.506073	-122.406350	13.4
MONITOR_OX_MTNwells_GRID_PEW33_2022_Q4_Initial.csv	11/14/2022	PEW33	37.505465	-122.406485	0.0
MONITOR_OX_MTNwells_GRID_PEW35_2022_Q4_Initial.csv	11/14/2022	PEW35	37.506015	-122.407358	0.0
MONITOR_OX_MTNwells_GRID_PEW36_2022_Q4_Initial.csv	11/14/2022	PEW36	37.505885	-122.407838	0.0
MONITOR_OX_MTNwells_GRID_PEW44_2022_Q4_Initial.csv	11/14/2022	PEW44	37.504000	-122.410098	0.0
MONITOR_OX_MTNwells_GRID_SUMP1_2022_Q4_Initial.csv	11/14/2022	SUMP1	37.506143	-122.406017	182.5
MONITOR_OX_MTNwells_GRID_TLTS01_2022_Q4_Initial.csv	11/15/2022	TLTS01	37.498670	-122.415012	0.0
MONITOR_OX_MTNwells_GRID_TLTS02_2022_Q4_Initial.csv	11/15/2022	TLTS02	37.498022	-122.414853	0.0
MONITOR_OX_MTNwells_GRID_TLTS03_2022_Q4_Initial.csv	11/15/2022	TLTS03	37.497552	-122.414770	0.0
MONITOR_OX_MTNwells_GRID_TLTS04_2022_Q4_Initial.csv	11/14/2022	TLTS04	37.496393	-122.414018	0.0
MONITOR_OX_MTNwells_GRID_TLTS05_2022_Q4_Initial.csv	11/14/2022	TLTS05	37.496402	-122.413603	0.0
MONITOR_OX_MTNwells_GRID_TLTS06_2022_Q4_Initial.csv	11/14/2022	TLTS06	37.496382	-122.413310	0.0
MONITOR_OX_MTNwells_GRID_TLTS07_2022_Q4_Initial.csv	11/14/2022	TLTS07	37.496393	-122.413113	0.0
MONITOR_OX_MTNwells_GRID_TLTS08_2022_Q4_Initial.csv	11/14/2022	TLTS08	37.496348	-122.412813	0.0
MONITOR_OX_MTNwells_GRID_TLTS09_2022_Q4_Initial.csv	11/14/2022	TLTS09	37.496318	-122.412652	0.0
MONITOR_OX_MTNwells_GRID_TLTS10_2022_Q4_Initial.csv	11/14/2022	TLTS10	37.496270	-122.412157	0.0
MONITOR_OX_MTNwells_GRID_TLTS11_2022_Q4_Initial.csv	11/14/2022	TLTS11	37.496212	-122.411785	0.0
MONITOR_OX_MTNwells_GRID_TLTS12_2022_Q4_Initial.csv	11/14/2022	TLTS12	37.496153	-122.411435	0.0
MONITOR_OX_MTNwells_GRID_TLTS15_2022_Q4_Initial.csv	11/14/2022	TLTS15	37.495923	-122.410223	0.0
MONITOR_OX_MTNwells_GRID_TLTS16_2022_Q4_Initial.csv	11/14/2022	TLTS16	37.495755	-122.409762	0.0
MONITOR_OX_MTNwells_GRID_TLTS17_2022_Q4_Initial.csv	11/14/2022	TLTS17	37.495597	-122.409420	0.0
MONITOR_OX_MTNwells_GRID_TLTS18_2022_Q4_Initial.csv	11/14/2022	TLTS18	37.495495	-122.409053	0.0
MONITOR_OX_MTNwells_GRID_TLTS19_2022_Q4_Initial.csv	11/14/2022	TLTS19	37.495575	-122.408498	0.0
MONITOR_OX_MTNwells_GRID_TLTS20_2022_Q4_Initial.csv	11/14/2022	TLTS20	37.495822	-122.408000	0.0





**Table 4**  
**SUMMARY OF INSTANTANEOUS MONITORING POINTS**  
**WITH METHANE CONCENTRATIONS ≥500 PPMV**  
**(INCLUDING RETESTING RESULTS)**  
**4Q2022 Ox Mountain Landfill**

INITIAL MONITORING							FIRST 10DAY		SECOND 10DAY		MONTH CONFIRMATION <sup>1</sup>	
FILE NAME	DATE	POINT ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)		DATE	METHANE CONCENTRATION (ppmv)	DATE	METHANE CONCENTRATION (ppmv)	DATE	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNNwells_GRID_CP21_2022_Q4_Initial.csv	11/15/2022	CP21	37.500125	-122.415230	3261.7		11/21/2022	15.0	N/A	N/A	12/19/2022	49.6
MONITOR_OX_MTNNwells_GRID_CP39_2022_Q4_Initial.csv	11/15/2022	CP39	37.499095	-122.415173	2097.5		11/21/2022	135.3	N/A	N/A	12/19/2022	0.0
MONITOR_OX_MTNNwells_GRID_CP82_2022_Q4_Initial.csv	11/14/2022	CP82	37.499315	-122.408250	3178.4		11/21/2022	38.7	N/A	N/A	12/19/2022	23.0
MONITOR_OX_MTNNwells_GRID_EW1901_2022_Q4_Initial.csv	11/14/2022	EW1901	37.496617	-122.410450	892.8		11/21/2022	10.0	N/A	N/A	12/19/2022	0.0
MONITOR_OX_MTNNwells_GRID_EW1908_2022_Q4_Initial.csv	11/15/2022	EW1908	37.499973	-122.411840	1432.6		11/21/2022	217.5	N/A	N/A	12/19/2022	22.9
MONITOR_OX_MTNNwells_GRID_EW1913_2022_Q4_Initial.csv	11/15/2022	EW1913	37.502648	-122.413638	1033.5		11/21/2022	165.9	N/A	N/A	12/19/2022	90.0
MONITOR_OX_MTNNwells_GRID_EW2105_2022_Q4_Initial.csv	11/15/2022	EW2105	37.500425	-122.411668	2744.5		11/21/2022	220.1	N/A	N/A	12/19/2022	195.6
MONITOR_OX_MTNNwells_GRID_EWV18V_2022_Q4_Initial.csv	11/14/2022	EWV18V	37.503145	-122.410868	830.3		11/21/2022	8.1	N/A	N/A	12/19/2022	13.3
MONITOR_OX_MTN_GRID_168_2022_Q4_Initial.csv	11/30/2022	63	37.498515	-122.40787	981.6		12/19/2022 <sup>1</sup>	160.4	N/A	N/A	12/26/2022	34.9

<sup>1</sup>. Due to measureable rain in Half Moon Bay the First 10-day and the Month Confirmation retesting had to be postponed until there was 72 hours of dry weather.

## APPENDIX D

### CALIBRATION LOGS

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
VERIFICATION SUMMARY	F51	8860F6C147	11/14/2022 8:35	-0.5	5.7			0	#####	8860F6C147
Precision Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		DIFFERENCE (%)			0	#####	8860F6C147
		CH4 (Methane)	500	498.2	-1.8	498.2	-0.4	0	#####	8860F6C147
		CH4 (Methane)	500	497.7	-2.3	497.7	-0.5	0	#####	8860F6C147
		CH4 (Methane)	500	496.7	-3.3	496.7	-0.7	0	#####	8860F6C147
Response Time Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		RESPONSE TIME (seconds)				#####	8860F6C147
		CH4 (Methane)	500	472.7	5	472.7	6		#####	8860F6C147
		CH4 (Methane)	500	472.7	6	472.7	6		#####	8860F6C147
VERIFICATION SUMMARY	F51	8860F6E6F6	11/14/2022 9:23	-2.5	5.3			0	#####	8860F6E6F6
Precision Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		DIFFERENCE (%)			0	#####	8860F6E6F6
		CH4 (Methane)	500	486.4	-13.6	486.4	-2.7	0	11/14/2022 9:21	8860F6E6F6
		CH4 (Methane)	500	487	-2.6	487	-0.6	0	11/14/2022 9:22	8860F6E6F6
		CH4 (Methane)	500	488.5	-11.5	488.5	-2.3	0	11/14/2022 9:22	8860F6E6F6
Response Time Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		RESPONSE TIME (seconds)				#####	8860F6E6F6
		CH4 (Methane)	500	462.9	5	462.9	6		#####	8860F6E6F6
		CH4 (Methane)	500	462.9	6	462.9	6		#####	8860F6E6F6
		CH4 (Methane)	500	462.9	5	462.9	5		#####	8860F6E6F6
VERIFICATION SUMMARY	V	000780DABAC4	11/14/2022 20:21	-1.8	6			0	#####	000780DABAC4
Precision Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		DIFFERENCE (%)			0	#####	000780DABAC4
		CH4 (Methane)	500	490.4	-9.6	490.4	-1.9	0	11/14/2022 20:19	000780DABAC4
		CH4 (Methane)	500	488.2	-11.8	488.2	-2.4	0	11/14/2022 20:19	000780DABAC4
		CH4 (Methane)	500	494.8	-5.2	494.8	-1	1.1	11/14/2022 20:20	000780DABAC4
Response Time Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		RESPONSE TIME (seconds)				#####	000780DABAC4
		CH4 (Methane)	500	468.6	6	468.6	7		#####	000780DABAC4
		CH4 (Methane)	500	468.6	5	468.6	5		#####	000780DABAC4
		CH4 (Methane)	500	468.6	7	468.6	7		#####	000780DABAC4
VERIFICATION SUMMARY	F51	8860F6C147	11/15/2022 8:12	-0.3	4.7			0	#####	8860F6C147
Precision Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		DIFFERENCE (%)			0	#####	8860F6C147
		CH4 (Methane)	500	498.1	-1.9	498.1	-0.4	0	11/15/2022 8:08	8860F6C147
		CH4 (Methane)	500	498	-2	498	-0.4	0	11/15/2022 8:08	8860F6C147
		CH4 (Methane)	500	499	-1	499	-0.2	0	11/15/2022 8:10	8860F6C147
Response Time Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		RESPONSE TIME (seconds)				#####	8860F6C147
		CH4 (Methane)	500	473.5	4	473.5	4		#####	8860F6C147
		CH4 (Methane)	500	473.5	5	473.5	5		#####	8860F6C147
		CH4 (Methane)	500	473.5	5	473.5	5		#####	8860F6C147
VERIFICATION SUMMARY	F51	8860F6E6F6	11/15/2022 9:23	-0.3	4			0	#####	8860F6E6F6
Precision Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		DIFFERENCE (%)			0	#####	8860F6E6F6
		CH4 (Methane)	500	498	-2	498	-0.4	0	11/15/2022 9:20	8860F6E6F6
		CH4 (Methane)	500	497.8	-2.2	497.8	-0.4	0	11/15/2022 9:20	8860F6E6F6
		CH4 (Methane)	500	499.1	-0.9	499.1	-0.2	0	11/15/2022 9:21	8860F6E6F6
Response Time Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		RESPONSE TIME (seconds)				#####	8860F6E6F6
		CH4 (Methane)	500	473.4	4	473.4	4		#####	8860F6E6F6
		CH4 (Methane)	500	40.3	3	40.3	3		#####	8860F6E6F6
		CH4 (Methane)	500	473.4	5	473.4	5		#####	8860F6E6F6
VERIFICATION SUMMARY	F51	8860F6C147	11/21/2022 8:43	-0.4	5			0	#####	8860F6C147
Precision Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		DIFFERENCE (%)			0	#####	8860F6C147
		CH4 (Methane)	500	498.4	-1.6	498.4	-0.3	0	11/21/2022 8:41	8860F6C147
		CH4 (Methane)	500	498.9	-1.1	498.9	-0.2	0	11/21/2022 8:41	8860F6C147
		CH4 (Methane)	500	497.5	-2.7	497.5	-0.5	0	11/21/2022 8:41	8860F6C147
Response Time Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		RESPONSE TIME (seconds)				#####	8860F6C147
		CH4 (Methane)	500	473.3	5	473.3	5		#####	8860F6C147
		CH4 (Methane)	500	473.3	5	473.3	5		#####	8860F6C147
		CH4 (Methane)	500	473.3	5	473.3	5		#####	8860F6C147
VERIFICATION SUMMARY	F51	8860F6E6F6	11/22/2022 9:34	-0.9	5.3			0	#####	8860F6E6F6
Precision Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		DIFFERENCE (%)			0	#####	8860F6E6F6
		CH4 (Methane)	500	496.5	-3.7	496.5	-0.7	0	11/22/2022 9:29	8860F6E6F6
		CH4 (Methane)	500	495.7	-4.3	495.7	-0.9	0	11/22/2022 9:30	8860F6E6F6
		CH4 (Methane)	500	494.5	-5.1	494.5	-1.1	0	11/22/2022 9:32	8860F6E6F6
Response Time Measurement		CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)		RESPONSE TIME (seconds)				#####	8860F6E6F6
		CH4 (Methane)	500	470.7	5	470.7	5		#####	8860F6E6F6
		CH4 (Methane)	500	470.7	5	470.7	5		#####	8860F6E6F6
		CH4 (Methane)	500	470.7	6	470.7	6		#####	8860F6E6F6

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
VERIFICATION SUMMARY	V	000780DABAC4	11/22/2022 20:37	-2	5				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	487	-2.6	0	11/22/2022 20:35	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	487.8	-2.4	0	11/22/2022 20:35	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	495	-1	0	11/22/2022 20:35	000780DABAC4	
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	RESPONSE TIME (seconds)	INITIAL CONCENTRATION (ppm)	TIMESTAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	465.5	4	0	11/22/2022 20:36	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	465.5	6	0	11/22/2022 20:37	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	465.5	5	0	11/22/2022 20:37	000780DABAC4	
VERIFICATION SUMMARY	FSH	8880FA6E6F6	11/23/2022 9:34	-1.9	5				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	489.5	-2.1	0	11/23/2022 9:32	8880FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	491	-1.8	0	11/23/2022 9:32	8880FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	490.8	-1.8	0	11/23/2022 9:33	8880FA6E6F6	
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	RESPONSE TIME (seconds)	INITIAL CONCENTRATION (ppm)	TIMESTAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	465.9	5	0	11/23/2022 9:33	8880FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	465.9	5	0	11/23/2022 9:34	8880FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	465.9	5	0	11/23/2022 9:34	8880FA6E6F6	
VERIFICATION SUMMARY	FSH	8880F6C147	11/28/2022 8:24	0	5				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	499.2	-0.2	0	11/28/2022 8:22	8880F6C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	500.1	0.1	0	11/28/2022 8:22	8880F6C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	500.3	0.1	0	11/28/2022 8:23	8880F6C147	
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	RESPONSE TIME (seconds)	INITIAL CONCENTRATION (ppm)	TIMESTAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474.9	5	0	11/28/2022 8:23	8880F6C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474.9	5	0	11/28/2022 8:24	8880F6C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474.9	5	0	11/28/2022 8:24	8880F6C147	
VERIFICATION SUMMARY	FSH	8880FA6E6F6	11/28/2022 8:50	-1	5				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	501.3	0.3	0	11/28/2022 8:48	8880FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	492.2	-1.6	0	11/28/2022 8:48	8880FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	499.8	-0.2	0	11/28/2022 8:49	8880FA6E6F6	
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	RESPONSE TIME (seconds)	INITIAL CONCENTRATION (ppm)	TIMESTAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	5	0	11/28/2022 8:49	8880FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	5	0	11/28/2022 8:50	8880FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	5	0	11/28/2022 8:50	8880FA6E6F6	
VERIFICATION SUMMARY	V	000780DABAC4	11/28/2022 20:52	-0.6	4.7				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	497.1	-0.6	0	11/28/2022 20:48	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	497.5	-0.5	0	11/28/2022 20:49	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	496.5	-0.7	0	11/28/2022 20:50	000780DABAC4	
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	RESPONSE TIME (seconds)	INITIAL CONCENTRATION (ppm)	TIMESTAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.1	5	0	11/28/2022 20:51	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.1	5	0	11/28/2022 20:51	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.1	4	0	11/28/2022 20:52	000780DABAC4	
VERIFICATION SUMMARY	FSH	8880F6C147	11/29/2022 8:04	-0.4	5.3				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	497.7	-0.5	0	11/29/2022 7:59	8880F6C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	497.9	-0.4	0	11/29/2022 8:00	8880F6C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	498.9	-0.2	0	11/29/2022 8:02	8880F6C147	
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	RESPONSE TIME (seconds)	INITIAL CONCENTRATION (ppm)	TIMESTAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.3	5	0	8880F6C147	8880F6C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.3	5	0	8880F6C147	8880F6C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.3	6	0	8880F6C147	8880F6C147	
VERIFICATION SUMMARY	FSH	8880FA6E6F6	11/29/2022 8:31	0.2	5.3				
MONITORING TYPE									
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	DETECTOR CONCENTRATION (ppm)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID	
PRECISION MEASUREMENT		CH4 (Methane)	500	500.1	0.1	0	11/29/2022 8:29	8880FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	500.6	0.6	0	11/29/2022 8:29	8880FA6E6F6	
PRECISION MEASUREMENT		CH4 (Methane)	500	501.7	1.7	0	11/29/2022 8:29	8880FA6E6F6	
MONITORING TYPE									
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppm)	TARGET CONCENTRATION (ppm)	RESPONSE TIME (seconds)	INITIAL CONCENTRATION (ppm)	TIMESTAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.7	5	0	11/29/2022 8:30	8880FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.7	5	0	11/29/2022 8:30	8880FA6E6F6	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.7	6	0	11/29/2022 8:31	8880FA6E6F6	

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)	DIFFERENCE (%)	ZERO AIR PPM	TIME STAMP	INSTRUMENT ID
VERIFICATION SUMMARY	FSJ	886B0F62C147	11/30/2022 9:06	-0.5	5.7				
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)				
PRECISION MEASUREMENT		CH4 (Methane)	500	498.6	-1.4	0	11/30/2022 9:04	886B0F62C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	497.1	-2.9	0	11/30/2022 9:05	886B0F62C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	496.5	-3.5	0	11/30/2022 9:05	886B0F62C147	
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.5	0	5	11/30/2022 9:06	886B0F62C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.5	0	6	11/30/2022 9:06	886B0F62C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.5	0	6	11/30/2022 9:06	886B0F62C147	
VERIFICATION SUMMARY	FSJ	886B0F62C147	11/30/2022 12:50	-0.8	5.7				
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)				
PRECISION MEASUREMENT		CH4 (Methane)	500	495.8	-4.2	0	11/30/2022 12:48	886B0F62C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	496.4	-3.6	0	11/30/2022 12:49	886B0F62C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	496.2	-3.8	0	11/30/2022 12:49	886B0F62C147	
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	471.3	0	6	11/30/2022 12:50	886B0F62C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	471.3	0	5	11/30/2022 12:50	886B0F62C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	471.3	0	6	11/30/2022 12:50	886B0F62C147	
VERIFICATION SUMMARY	V	000780DABACA	12/17/2022 0:50	-1.1	6				
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)				
PRECISION MEASUREMENT		CH4 (Methane)	500	494.2	-5.8	0	12/17/2022 0:48	000780DABACA	
PRECISION MEASUREMENT		CH4 (Methane)	500	492.4	-7.6	0	12/17/2022 0:48	000780DABACA	
PRECISION MEASUREMENT		CH4 (Methane)	500	497.6	-2.4	0	12/17/2022 0:49	000780DABACA	
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	0	8	12/17/2022 0:49	000780DABACA	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	0	5	12/17/2022 0:49	000780DABACA	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	0	5	12/17/2022 0:49	000780DABACA	
VERIFICATION SUMMARY	FSJ	886B0F62C147	12/19/2022 9:09	-0.9	6.3				
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)				
PRECISION MEASUREMENT		CH4 (Methane)	500	497.2	-2.8	0	12/19/2022 9:07	886B0F62C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	494.2	-5.8	0	12/19/2022 9:07	886B0F62C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	494.8	-5.2	0	12/19/2022 9:08	886B0F62C147	
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.6	0	9	12/19/2022 9:08	886B0F62C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.6	0	7	12/19/2022 9:08	886B0F62C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.6	0	6	12/19/2022 9:08	886B0F62C147	
VERIFICATION SUMMARY	FSJ	886B0F62C147	12/26/2022 11:22	-0.7	5.3				
PRECISION MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)				
PRECISION MEASUREMENT		CH4 (Methane)	500	485.7	-14.3	0	12/26/2022 11:16	886B0F62C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	501.7	1.7	0	12/26/2022 11:20	886B0F62C147	
PRECISION MEASUREMENT		CH4 (Methane)	500	502.2	2.2	0	12/26/2022 11:21	886B0F62C147	
RESPONSE TIME MEASUREMENT	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIME STAMP	INSTRUMENT ID	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	471.7	0	5	12/26/2022 11:21	886B0F62C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	471.7	1.8	5	12/26/2022 11:21	886B0F62C147	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	471.7	0	5	12/26/2022 11:22	886B0F62C147	

## APPENDIX E

### WEATHER DATA



Date/Time	Temperature (°F)	Average Wind Speed (mph)	Wind Direction	Precipitation
11/14/22 12:00	54.0	4.0	East-Northeast	None
11/15/22 12:00	57.0	3.0	Northeast	None
11/21/22 12:00	57.0	2.0	North-Northeast	None
11/22/22 12:00	56.0	5.0	East	None
11/23/22 12:00	60.0	3.0	East-Northeast	None
11/28/22 12:00	57.0	10.0	East	None
11/29/22 12:00	53.0	3.0	North	None
11/30/22 12:00	56.0	1.0	East-Southeast	None
12/1/22 12:00	48.0	6.0	East	None
12/19/22 12:00	48.0	6.0	West-Northwest	None
12/26/22 12:00	50.0	5.0	East-Southeast	None

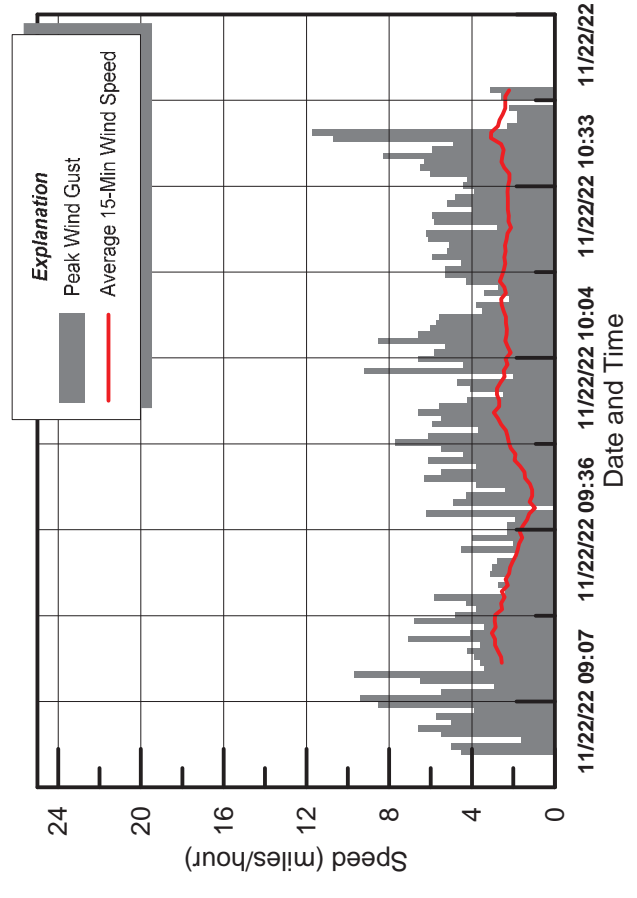
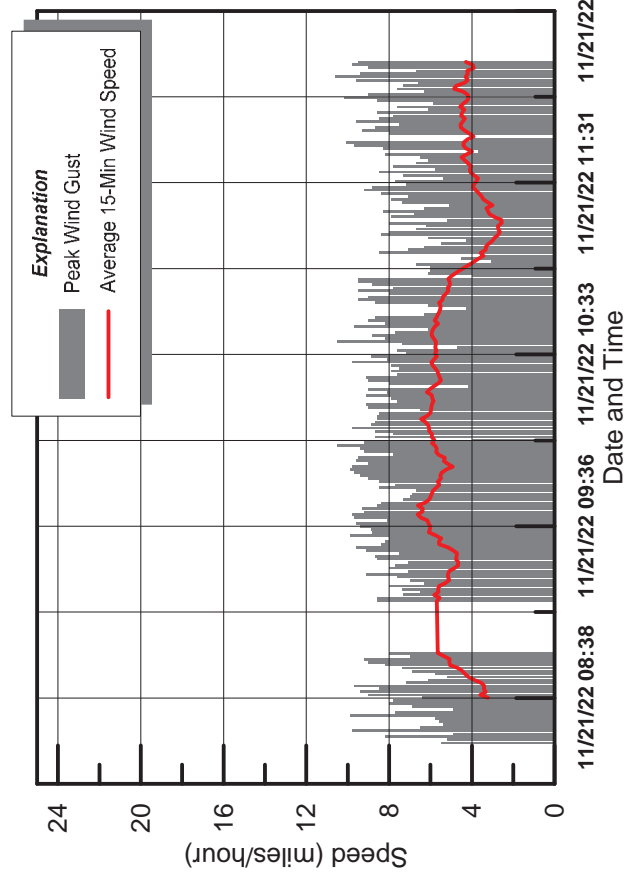
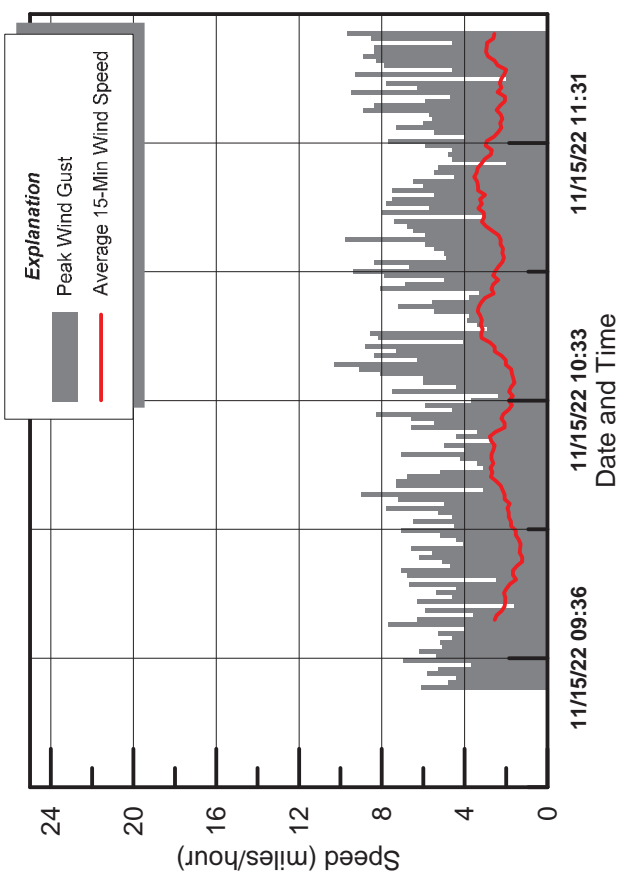
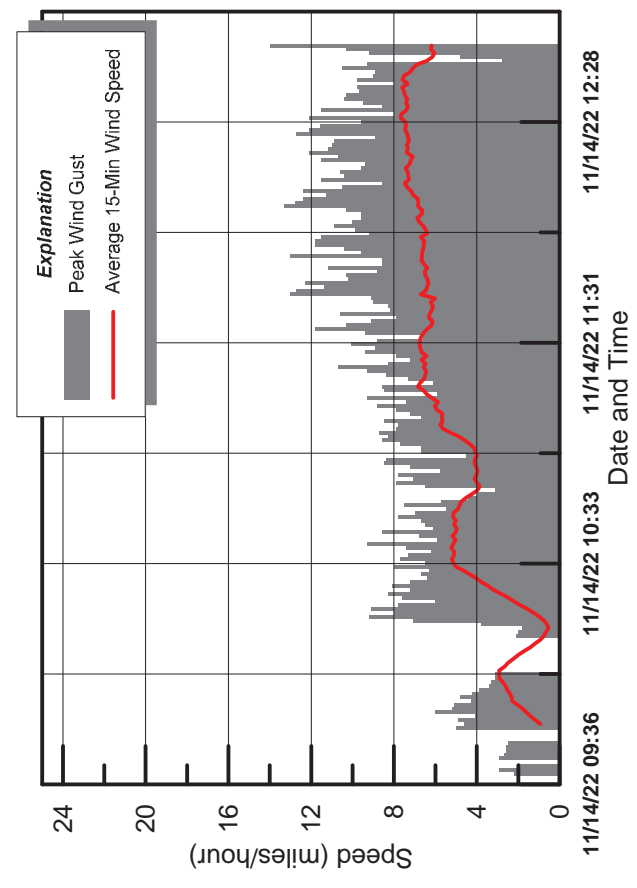
Ox Mountain's onsite Davis Instruments weather station

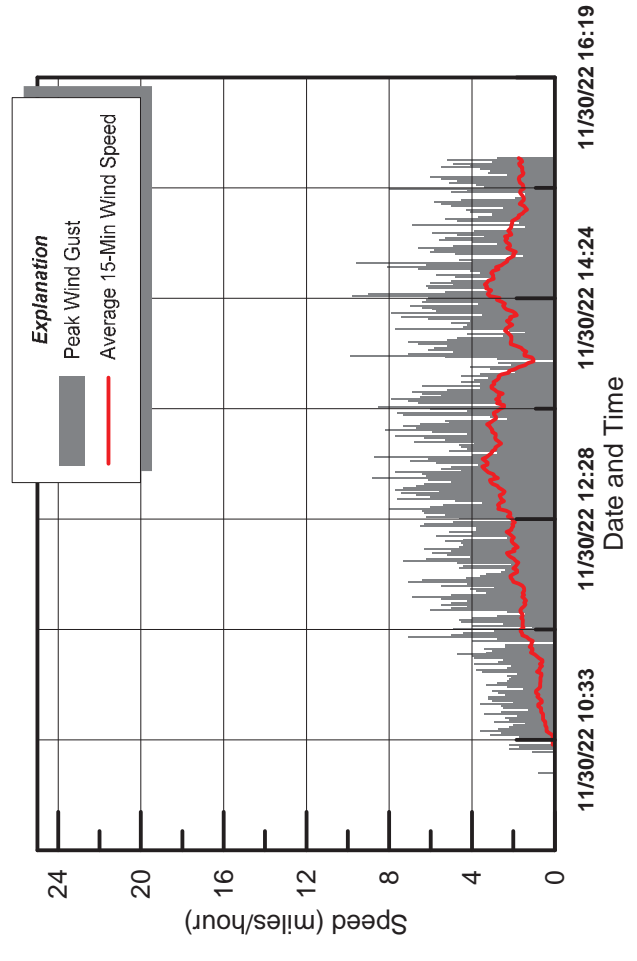
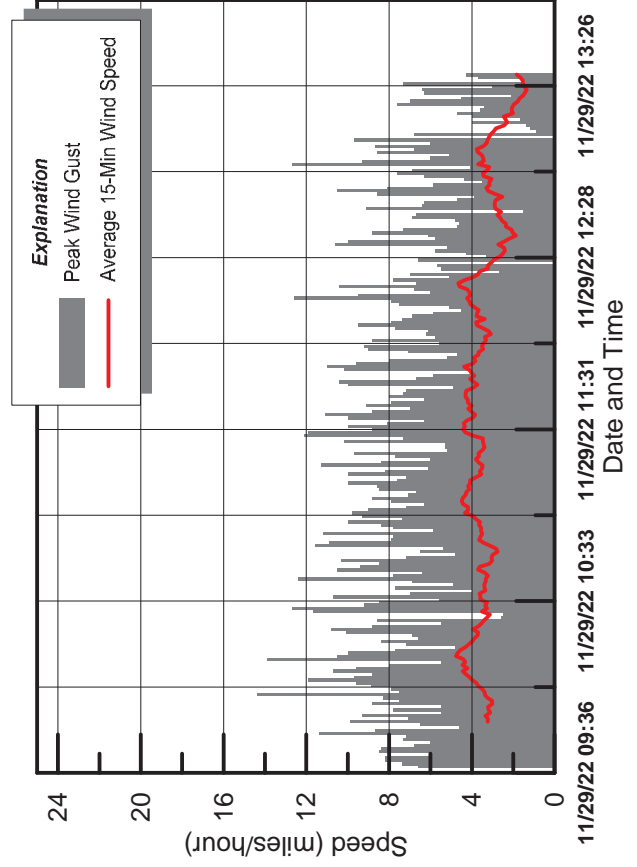
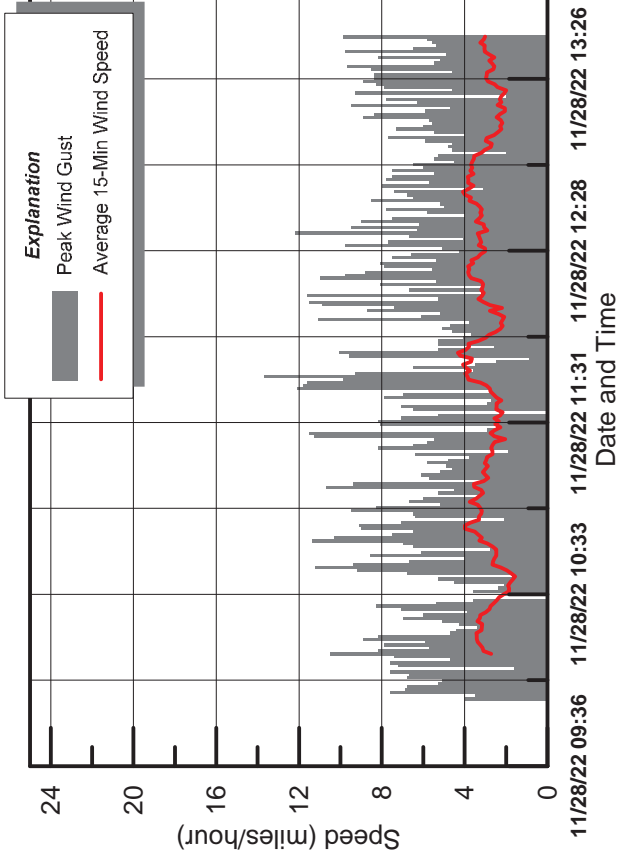
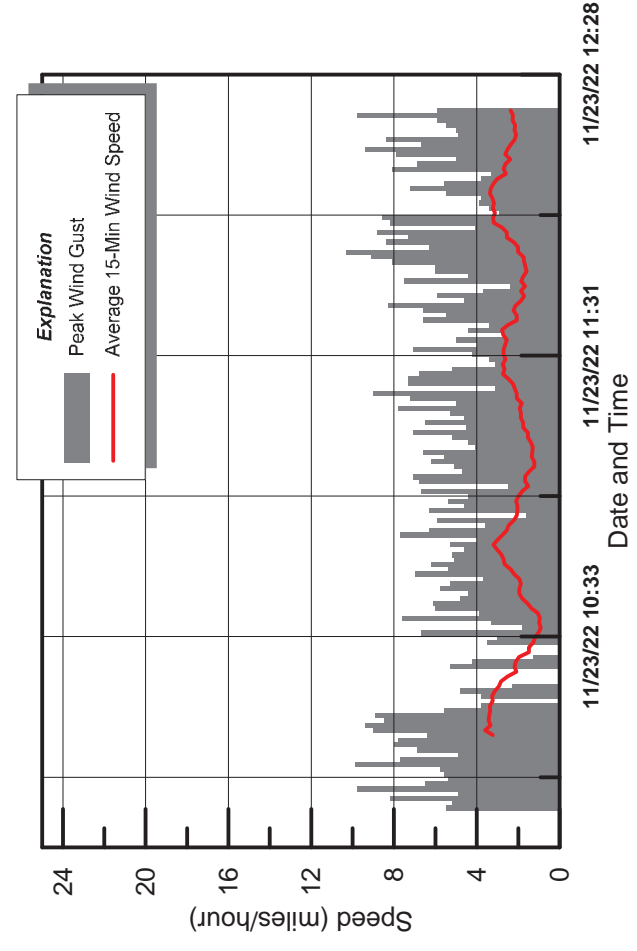
N/A - Not Applicable

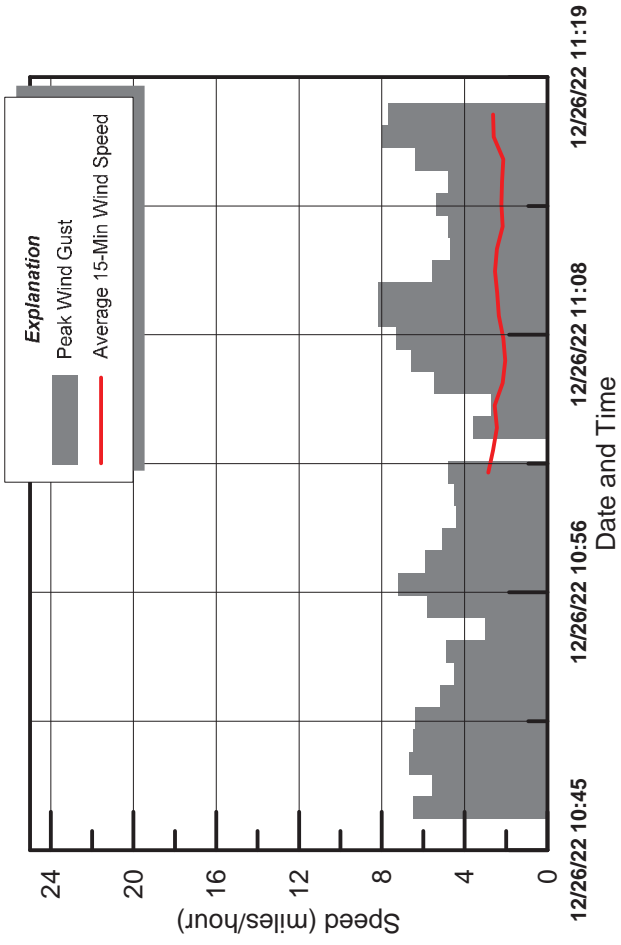
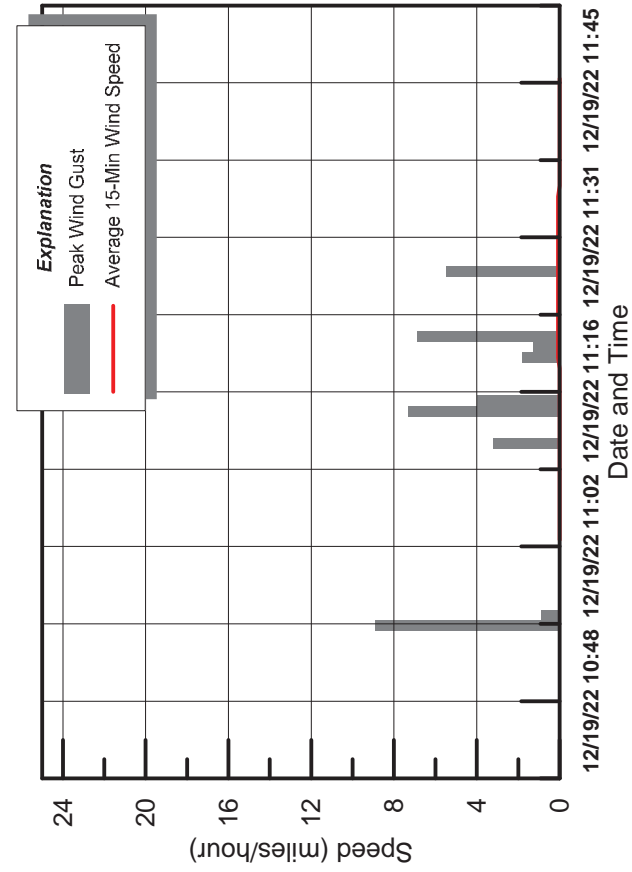
## APPENDIX F

### WIND SPEED DATA











April 26, 2023

Ms. Kelly McDonnell  
Browning-Ferris Industries of California, Inc.  
Ox Mountain Landfill  
12310 San Mateo Road  
Half Moon Bay, CA 94019

Subject: First Quarter 2023 Surface Emissions Monitoring Results for the Ox Mountain Landfill,  
Half Moon Bay, CA

Dear Ms. McDonnell:

This report provides results of the First Quarter 2023 New Source Performance Standards (NSPS) and California Air Resources Board (CARB) Landfill Methane Rule (LMR) surface emissions monitoring (SEM) performed by Tetra Tech and a Tetra Tech subcontractor at the Ox Mountain Landfill. All work was performed in accordance with Republic Services' Standard Operating Procedures (SOP), federal NSPS and state LMR requirements.

## **SUMMARY AND CONCLUSIONS**

As stipulated in the LMR, if uncorrectable exceedances within the 10-day limitation are detected the landfill must perform monitoring on a 25-foot pathway on a quarterly basis for active disposal sites. If four (4) consecutive quarters of monitoring are performed without any exceedances, as stipulated in the LMR, the landfill may increase the spacing to 100-foot pathways. Therefore, based on the previous monitoring events, in which exceedances were observed, the monitoring at the Ox Mountain Landfill was performed on 25-foot pathways in accordance with the LMR.

As required by the LMR, the landfill was divided into 50,000 square foot or less (partial) areas. The Ox Mountain Landfill surface area was therefore, divided into one hundred and sixty-four (164) individual grids as shown in Appendix A.

The First Quarter 2023 SEM testing results indicated eight (8) locations that exceeded the NSPS and LMR (Grids, Penetrations, and Parameter) instantaneous methane concentration threshold of 500 parts per million by volume (ppmv) and one (1) exceedance of the LMR integrated threshold limit of 25 ppmv as measured as methane above background were detected during the initial monitoring event. System adjustments and repair work was performed by site personnel. The subsequent 10-day re-monitoring event indicated that all eight (8) areas with instantaneous had returned to compliance and the one (1) integrated grid also had returned to compliance. The one-month re-monitoring indicated there were zero (0) locations with remaining instantaneous exceedances.

Additionally, during this event, some grids were not monitored as these areas were deemed unsafe by Tetra Tech, Tetra Tech's subcontractor, and/or site personnel for entry due to active filling operations,

**Tetra Tech**  
21700 Copley Drive, Ste. 200 Diamond Bar, CA 91765  
Tel 909.860.7777 Fax 909.860.8017 [tetratech.com](http://tetratech.com)

ongoing construction, heavy traffic, or steep slopes, which could cause a potential for injury of monitoring personnel as follows:

- Full grids 22, 30, 37, 44, 49, 50, 56, 57, 64, 65, 66, 71, 72, 73, 74, 78, 79, 80, 81, 86, 87, 88, 92, 93, 94, 98, and 100, were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).
- Partial grids 2, 6, 8, 9, 15, 18, 21, 23, 25, 26, 28, 29, 31, 34, 35, 36, 38, 41, 43, 45, 47, 48, 51, 55, 58, 63, and 166, were partially monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).

Areas consisting of native soil (no waste in place) were also exempted from monitoring, in accordance with the LMR. Any wells located in grids noted as exempt from monitoring due to health and safety concerns but remained accessible were monitored on an as-needed basis. Excluded areas are provided on the field map in Appendix A.

Further, as required under the LMR, any location on the landfill that has an observed instantaneous methane concentration greater than or equal to 500 ppmv, must be stake-marked and Global Positioning System (GPS) located on a site figure. When concentrations greater than or equal to 500 ppmv are observed during monitoring events, they are reported to site personnel and included in the quarterly report for that event for inclusion into the annual report as required.

Locations with concentrations between 200 ppmv and 499 ppmv are for reporting purposes only and require no remediation, as they are not an exceedance. Fifty-nine (59) locations were found during the monitoring between the LMR instantaneous recording levels of 200 ppmv to 499 ppmv.

Finally, to help prevent potential future exceedances, Tetra Tech recommends that the landfill surface be routinely inspected, any observed surface erosion be routinely repaired, and flowrates to the destruction devices be maximized.

## **BACKGROUND**

The Ox Mountain Landfill is an active municipal solid waste disposal site. By way of background, municipal solid waste buried in a landfill decompose anaerobically (in the absence of oxygen) producing a combustible gas, which contains approximately 50 to 60 percent methane, 40 to 50 percent carbon dioxide, and trace amounts of various other gases, some of which are odorous. The Ox Mountain Landfill property contains a Gas Collection and Control System (GCCS) to control the combustible gases generated in the landfill that may otherwise either vent vertically to the atmosphere or migrate horizontally through subsurface soil to locations on adjacent properties.

## **SURFACE EMISSIONS MONITORING**

Instantaneous and integrated SEM was performed over the surface of the subject site on February 20, 2023, March 3, 17, 18, 24, 25, and 27, 2023, and April 5, 2023. The intent of the monitoring was to identify any specific locations or areas of the landfill surface with organic compound concentrations exceeding the NSPS and/or LMR threshold limit values of 500 ppmv measured as methane for instantaneous monitoring or exceeding the threshold limit values of 25 ppmv for the integrated monitoring in the 50,000 square foot grids as required under the LMR. During this event Tetra Tech

performed the monitoring on 25-foot pathways in all accessible areas, in accordance with the rules as required.

## **EMISSIONS TESTING INSTRUMENTATION/CALIBRATION**

Instruments used to perform the landfill surface emission testing consisted of the following:

- Inficon IRwin Methane Leak Detector (Gas Chromatograph and IR-sensor combination). This instrument measures methane in air over a range of 1 ppm to 100% by volume. The IRwin meets the CARB requirements for combined instantaneous and integrated monitoring and was calibrated in accordance with United States Environmental Protection Agency (USEPA) Method 21 and manufacturers specifications.
- A portable Anemometer by EXTECH was used to monitor and log wind speeds while performing emissions monitoring. Field observations and local weather station information is used to track weather conditions and rain events.

Instrument calibration logs and instantaneous weather information are shown in Appendix D and E.

## **SURFACE EMISSIONS MONITORING PROCEDURES**

Instantaneous and integrated SEM was conducted in accordance with NSPS and LMR requirements. Monitoring was performed with the FID inlet held within 3 inches of the landfill surface while a technician walked a grid in parallel paths not more than 25-feet apart over the surface of the landfill unless site safety conditions or prior monitoring results allowed 100-foot pathways. Cracks, holes, and all cover penetrations in the surface were also tested. Instantaneous surface emissions readings were monitored continuously and recorded every 5 seconds. Any areas in exceedance of the 500 ppmv threshold limits (reporting and compliance levels, respectively) were GPS tagged, any locations exceeding the 500 ppmv threshold limit were also stake-marked for on-site personnel to perform remediation or repairs.

The integrated average is based on the readings stored on the instrument which are recorded every 5 seconds. The readings are then downloaded, and the averages are calculated for each grid using software provided by the instrument manufacturer. The readings are not provided in the report due to the volume of data but can be furnished upon request.

Recorded wind speed results are shown in Appendix F. Wind speed 15-minute averages were observed to remain below the alternative requested 10 miles per hour (based on 60 second intervals), and no instantaneous speeds exceeded 20 miles per hour during the testing. Monitoring was terminated when average wind speed exceeded 5 miles per hour.

The LMR states that monitoring may not take place if any measurable precipitation is recorded onsite within 72-hours. Weather conditions for the monitoring events are included in Appendix E.

## **TESTING RESULTS**

During the initial monitoring events on February 20, 2023 and March 3, 17, 18, 24, 25, and 27, 2023, there were eight (8) locations that exceeded the NSPS (Grids) and LMR (Grids and Penetrations) instantaneous level of 500 ppmv. There was one (1) exceedance of the LMR integrated threshold limit

of 25 ppmv as measured as methane above background detected. System adjustments and repair work (repair of boreholes, vacuum increases to nearby extraction wells and re-compaction of soil) was performed by site personnel. The subsequent 10-day re-monitoring events on March 18 and 25, 2023, indicated that all eight (8) areas with instantaneous had returned to compliance and that the one (1) integrated location had also returned to compliance. The one-month re-monitoring events on April 5, 2023, indicated there were zero (0) locations with remaining instantaneous exceedances.

Based on these results, no further monitoring is required until the Second Quarter of 2023. Results of the monitoring are shown in Appendix B and C. Calibration logs for the monitoring equipment are provided in Appendix D.

The landfill perimeter was walked and tested. Results of this testing indicated that no exceedances of the 500 ppmv limit were observed, therefore the site perimeter was in compliance with the requirements of the rule.

As mentioned above:

- Full grids 22, 30, 37, 44, 49, 50, 56, 57, 64, 65, 66, 71, 72, 73, 74, 78, 79, 80, 81, 86, 87, 88, 92, 93, 94, 98, and 100, were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).
- Partial grids 2, 6, 8, 9, 15, 18, 21, 23, 25, 26, 28, 29, 31, 34, 35, 36, 38, 41, 43, 45, 47, 48, 51, 55, 58, 63, and 166, were partially monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).

These areas were deemed unsafe by the Tetra Tech subcontractor personnel for entry due to active filling operations, construction, and other dangerous or unsafe conditions, which could cause a potential for injury of monitoring personnel (Appendix A).

Areas consisting of native soil (no waste in place) are also exempt from monitoring, in accordance with the LMR.

Any wells located in grids noted as exempt from monitoring due to health and safety concerns but remained accessible were monitored on an as-needed basis.

## **PROJECT SCHEDULE**

Following the initial events performed on February 20, 2023 and March 3, 17, 18, 24, 25, and 27, 2023, subsequent re-monitoring was scheduled for ten days later. The first 10-day re-monitoring events were performed on March 18 and 25, 2023, and indicated that all eight (8) areas with instantaneous had returned to compliance and that the one (1) integrated location had also returned to compliance. The one-month confirmation testing on abated instantaneous readings was performed on April 5, 2023, and indicated the eight (8) instantaneous exceedances remained below LMR thresholds of compliance.

In accordance with the approved Scope of Work, Tetra Tech is scheduled to perform the Second Quarter 2023 NSPS and LMR monitoring event by the end of June 2023 in all areas deemed safe for entry.

## **STANDARD PROVISIONS**

This report addresses conditions of the subject site during the testing dates only. Accordingly, we assume no responsibility for any changes that may occur subsequent to testing which could affect the surface emissions at the subject site or adjacent properties.

If you have any questions regarding this report, please contact Rob Newbrough at (503) 720-0925.

Thank you,

A handwritten signature in black ink, appearing to read "Rob Newbrough". The signature is fluid and cursive, with the first name "Rob" being more prominent.

Rob Newbrough – O&M West Area Manager

This report contains the following Appendices:

**Appendix A:** Surface Grid Map

**Appendix B:** Integrated Monitoring Results

**Appendix C:** Instantaneous Monitoring Results

**Appendix D:** Calibration Logs

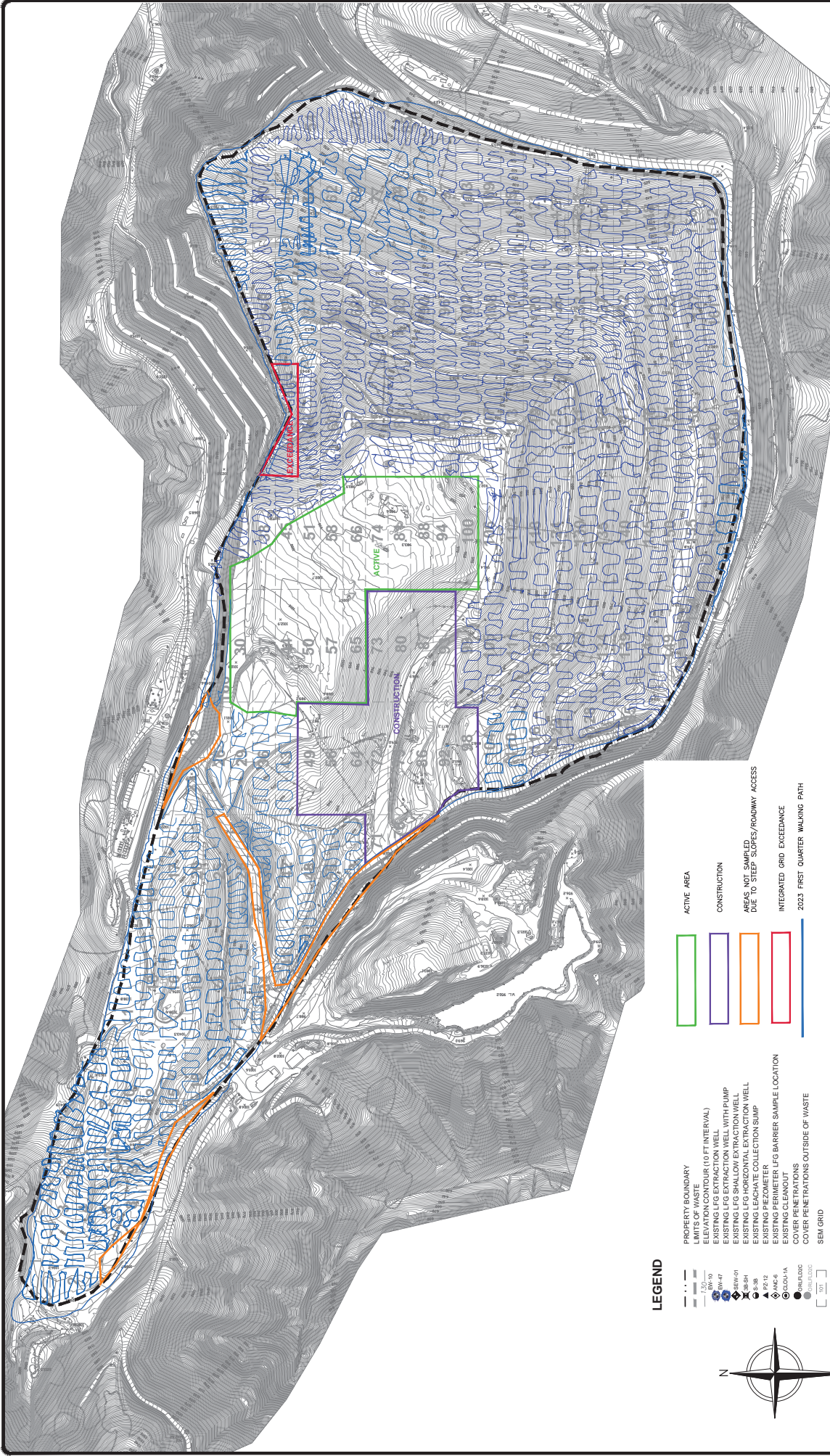
**Appendix E:** Weather Data

**Appendix F:** Wind Speed Data



# APPENDIX A

## SURFACE GRID MAP



**LEGEND**

- - - PROPERTY BOUNDARY
- - - LIMITS OF SITE
- 1:20 VERTICAL CURVE (10 FT INTERVAL)
- BW 10 EXISTING LFG EXTRACTION WELL
- BW 47 EXISTING LFG EXTRACTION WELL WITH PUMP
- BW 01 EXISTING LFG SHALLOW EXTRACTION WELL
- B-38 EXISTING LFG HORIZONTAL EXTRACTION WELL
- EX-1 EXISTING LEACHATE COLLECTION SUMP
- ER EXISTING PERIMETER LFG BARRIER
- GL001/A EXISTING PERIMETER LFG BARRIER SAMPLE LOCATION
- GL002/BG COVER PENETRATIONS
- GL003/BG COVER PENETRATIONS OUTSIDE OF WASTE
- SEM GRID

- ACTIVE AREA
- CONSTRUCTION
- AREAS NOT SAMPLED DUE TO STEEP SLOPES/ROADWAY ACCESS
- INTEGRATED GRID EXCEEDANCE
- 2023 FIRST QUARTER WALKING PATH



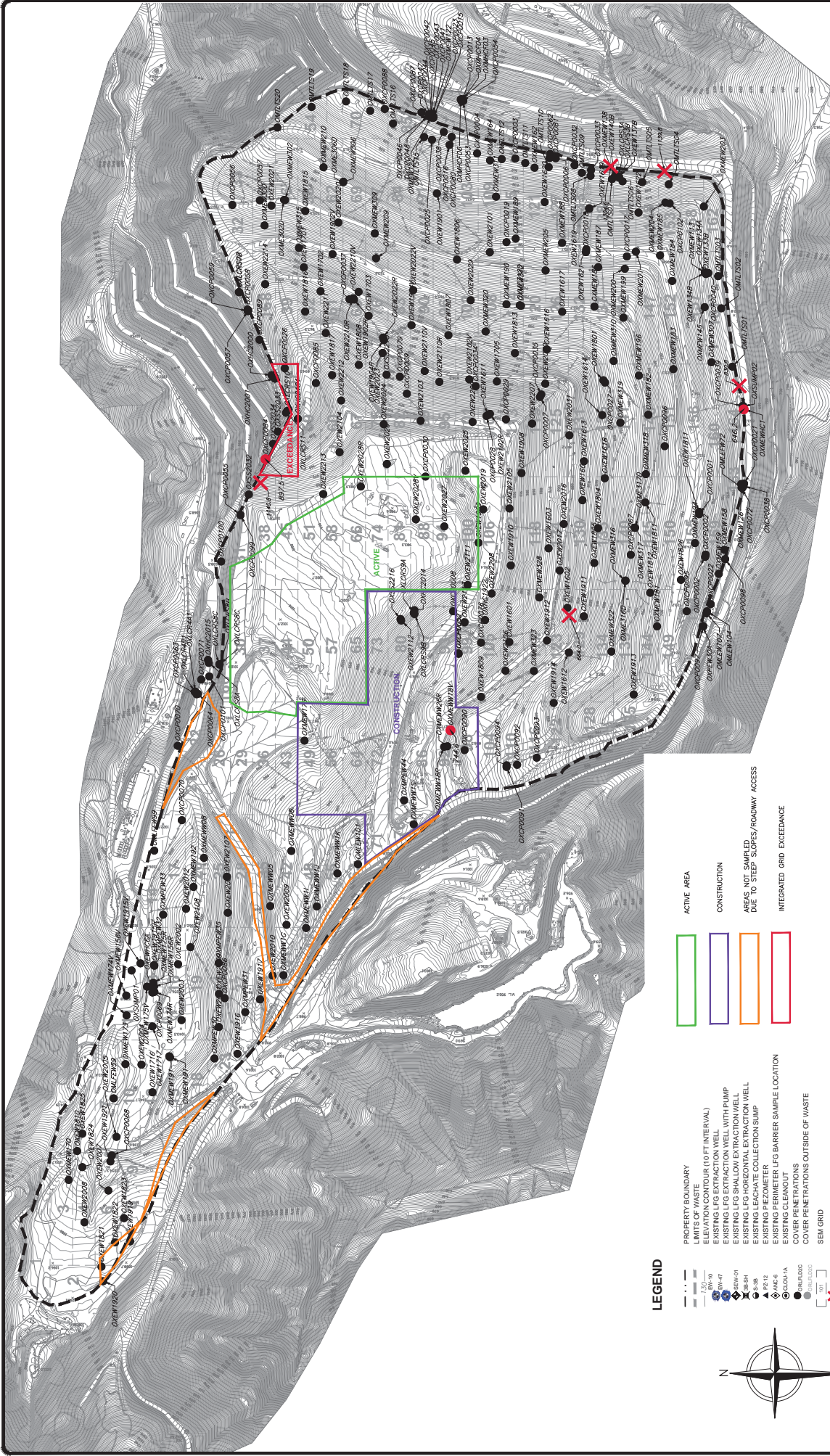
SCALE IN FEET

**NOTES**

1. THE GRID IS BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE 11, MAP 27.
2. ALL WELLS, PERIMETERS, AND ASSOCIATED MANHOLE FACILITY LOCATIONS PROVIDED BY TETRA TECH.
3. WELLS AND LATERALS RELOCATED TO MATCH THE LATEST WELL AND HEADER INSTALLATION AS BUILT 01/03/2022.

RECORD SURVEY DRAWINGS BY TETRA TECH.

<p><b>TETRA TECH</b></p> <p><small>A MEMBER COMPANY OF THE TETRA TECH GROUP</small></p>	<p>REPUBLIC OX MOUNTAIN HALF MOON BAY, CA</p> <p>SEM MAP GRID 1ST QUARTER 2023</p>
<p>DATE OF ISSUE: 04/25/2023</p> <p>REV. NO. _____ DATE BY: _____</p> <p>DESCRIPTION: _____</p> <p>DRAWN BY: _____</p> <p>DESIGNED BY: _____</p> <p>APPROVED BY: _____</p>	<p>SHEET NO. <b>1</b></p> <p>PROJECT NO. 23-2227-003</p>



**LEGEND**

- PROPERTY BOUNDARY
- LIMITS OF SITE
- 1:30 BVI 10
- 1:30 BVI 47
- 1:30 BVI 01
- 1:30 BVI 02
- 1:30 BVI 03
- 1:30 BVI 04
- 1:30 BVI 05
- 1:30 BVI 06
- 1:30 BVI 07
- 1:30 BVI 08
- 1:30 BVI 09
- 1:30 BVI 10
- 1:30 BVI 11
- 1:30 BVI 12
- 1:30 BVI 13
- 1:30 BVI 14
- 1:30 BVI 15
- 1:30 BVI 16
- 1:30 BVI 17
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- 1:30 BVI 19
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- 1:30 BVI 91
- 1:30 BVI 92
- 1:30 BVI 93
- 1:30 BVI 94
- 1:30 BVI 95
- 1:30 BVI 96
- 1:30 BVI 97
- 1:30 BVI 98
- 1:30 BVI 99
- 1:30 BVI 100

- ACTIVE AREA
- CONSTRUCTION
- AREAS NOT SAMPLED DUE TO STEEP SLOPES/ROADWAY ACCESS
- INTEGRATED GRID EXCEEDANCE

- PROPERTY BOUNDARY
- LIMITS OF SITE
- EXISTING LFG EXTRACTION WELL
- EXISTING LFG EXTRACTION WELL WITH PUMP
- EXISTING LFG SHALLOW EXTRACTION WELL
- EXISTING LEACHATE COLLECTION SUMP
- EXISTING PERIMETER LFG BARRIER SAMPLE LOCATION
- EXISTING GLEAOUT
- COVER PENETRATIONS
- COVER PENETRATIONS OUTSIDE OF WASTE
- SEM GRID
- INSTANTANEOUS EXCEEDANCE
- COVER PENETRATION EXCEEDANCES



SCALE IN FEET

0 200 400

- NOTE(S)
- THE GRID IS BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE 11, NAD 87
  - ALL WELLS AND PERIMETER LFG BARRIERS ARE LOCATED TO MATCH THE LATEST WELL AND HEADER INSTALLATION AS BUILT 01/03/2022
  - RECORD SURVEY DRAWINGS BY TETRA TECH.

SHEET NO. <b>2</b>		PROJECT NO. 97-0227-000													
REPUBLIC OX MOUNTAIN HALF MOON BAY, CA		COVER PENETRATIONS 1ST QTR													
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**INTEGRATED MONITORING RESULTS**

## Ox Mountain Landfill Instantaneous Surface Emissions Monitoring Initial 500 ppmv Exceedances and Re-Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 1st 2023  
 Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event		
Monitoring Date	Grid Number	Coordinates	CH <sub>4</sub> Concentration (>500 ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
3/17/2023	Perimeter	37.49622, -122.41311	1304.6	3/18/2023	0.0	N/A	N/A	4/5/2023	0.0
3/17/2023	153	37.49627, -122.41393	1139.8	3/18/2023	0.0	N/A	N/A	4/5/2023	0.0
3/17/2023	164	37.49887, -122.41514	830.8	3/18/2023	133.6	N/A	N/A	4/5/2023	0.0
3/24/2023	123	37.50171, -122.41261	664.0	3/25/2023	475.0	N/A	N/A	4/5/2023	64.4
3/24/2023	167	37.50017, -122.40785	1140.8	3/25/2023	258.2	N/A	N/A	4/5/2023	231.0

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

S/N - Serial Number

## Ox Mountain Landfill Instantaneous Surface Emissions Monitoring Initial 500 ppmv Exceedances and Re-Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua

Quarter: 1st 2023

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event		
Monitoring Date	Cover Penetration ID	Coordinates	CH <sub>4</sub> Concentration (>500 ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
3/17/2023	OXMEWHC1	37.49914,-122.41521	646.2	3/18/2023	335.0	N/A	N/A	4/5/2023	263.2
3/17/2023	OXMEWW18V	37.50314,-122.41083	744.6	3/18/2023	168.8	N/A	N/A	4/5/2023	160.5
3/17/2023	OXCP0084	37.49989,-122.40792	897.5	3/18/2023	98.9	N/A	N/A	4/5/2023	44.1

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

ID - Identification

S/N - Serial Number

## Ox Mountain Landfill Instantaneous Cover Penetrations Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaite, and Lusi Naivalurua  
 Quarter: 1st 2023  
 Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OMLEW101	37.50482,-122.40943	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLEW104	37.50170,-122.41472	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLEW107	37.50170,-122.41476	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW59	37.50775,-122.40571	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW72	37.50011,-122.41523	2/20/2023	165.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW99	37.50466,-122.40636	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS01	37.49863,-122.41502	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS02	37.49793,-122.41486	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS03	37.49754,-122.41478	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS04	37.49641,-122.41400	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS05	37.49641,-122.41358	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS06	37.49639,-122.41328	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS07	37.49640,-122.41312	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS08	37.49637,-122.41282	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS09	37.49633,-122.41266	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS10	37.49624,-122.41215	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS11	37.49620,-122.41179	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS12	37.49617,-122.41142	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS15	37.49589,-122.41024	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS16	37.49574,-122.40978	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS17	37.49557,-122.40942	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS18	37.49547,-122.40904	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS19	37.49559,-122.40848	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS20	37.49582,-122.40802	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW133B	37.49749,-122.41459	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW134A	37.49752,-122.41461	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW134B	37.49751,-122.41461	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW137B	37.49633,-122.41322	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW140B	37.49637,-122.41319	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1601	37.50205,-122.41174	2/20/2023	80.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1602	37.50161,-122.41257	2/20/2023	77.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1603	37.50093,-122.41226	2/20/2023	111.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1604	37.50027,-122.41275	2/20/2023	42.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1611	37.49929,-122.41134	2/20/2023	94.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1612	37.50215,-122.41262	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1613	37.49882,-122.41278	2/20/2023	33.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1614	37.49927,-122.41303	2/20/2023	12.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1616	37.49853,-122.41224	2/20/2023	3.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1617	37.49802,-122.41238	2/20/2023	1.5	N/A	N/A	N/A	N/A	N/A	N/A

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXEW1618	37.50002,-122.41308	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1619	37.49674,-122.41275	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1620	37.49670,-122.41211	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1621	37.49726,-122.41276	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1622	37.49679,-122.41354	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1624	37.49937,-122.41053	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1625R	37.50315,-122.41025	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1625V	37.50175,-122.41066	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1626R	37.50315,-122.41029	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1626V	37.50179,-122.41066	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1701	37.49753,-122.40844	2/20/2023	7.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1702	37.49781,-122.40872	3/25/2023	291.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1703	37.49811,-122.40944	2/20/2023	34.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1705	37.49886,-122.41142	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1709	37.50010,-122.41030	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1711AR	37.50315,-122.41025	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1711AV	37.50122,-122.41039	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1712AR	37.50315,-122.41025	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1712AV	37.50138,-122.41074	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1713R	37.50315,-122.41029	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1713V	37.50168,-122.41045	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1715	37.50326,-122.41015	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1716	37.50766,-122.40636	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1717	37.50683,-122.40635	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1801	37.49882,-122.41306	2/20/2023	2.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1802	37.49971,-122.41220	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1803	37.50041,-122.41214	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1804	37.50063,-122.41302	2/20/2023	7.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1805	37.50104,-122.41296	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1806	37.49741,-122.41079	2/20/2023	104.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1807	37.49832,-122.41067	2/20/2023	41.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1808	37.49873,-122.40930	2/20/2023	122.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1809	37.50274,-122.41130	2/20/2023	118.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1810	37.50836,-122.40523	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1811	37.50043,-122.41457	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1812	37.50143,-122.41383	2/20/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1813	37.49854,-122.41171	2/20/2023	25.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1815	37.49686,-122.40844	2/20/2023	28.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1816	37.49807,-122.40847	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1817	37.49883,-122.40890	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1818	37.49936,-122.40915	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1819	37.49974,-122.40920	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1820	37.50019,-122.40939	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1821	37.50973,-122.40565	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1822	37.50946,-122.40584	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1823	37.50918,-122.40598	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A



Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXEW1824	37.50858,-122.40533	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1825	37.50814,-122.40531	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1826	37.50125,-122.41430	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1901	37.49663,-122.41045	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1902R	37.49791,-122.40922	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1902V	37.49737,-122.40888	2/20/2023	81.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1904R	37.49838,-122.40968	2/20/2023	77.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1904V	37.49820,-122.41015	2/20/2023	138.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1906R	37.49889,-122.41058	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1906V	37.49881,-122.41039	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1908	37.49997,-122.41181	2/20/2023	46.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1909	37.50086,-122.41117	2/20/2023	13.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1910	37.50112,-122.41167	2/20/2023	8.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1911	37.50171,-122.41282	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1912	37.50203,-122.41227	2/20/2023	7.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1913	37.50271,-122.41365	2/20/2023	11.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1914	37.50281,-122.41239	2/20/2023	8.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1915R	37.50609,-122.40637	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1915V	37.50605,-122.40617	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1916	37.50715,-122.40766	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1917	37.50649,-122.40803	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1918	37.50843,-122.40498	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1919	37.50948,-122.40611	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1920	37.50991,-122.40562	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1921	37.50850,-122.40576	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2001	37.50542,-122.40750	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2002	37.50607,-122.40671	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2003	37.50676,-122.40680	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2004	37.50733,-122.40623	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2005	37.50820,-122.40582	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2006	37.50861,-122.40639	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2007	37.50885,-122.40573	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2008	37.50922,-122.40534	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2009	37.50553,-122.40838	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2010	37.50618,-122.40817	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2011	37.50682,-122.40741	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2012	37.50541,-122.40684	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2016	37.50063,-122.41247	2/20/2023	338.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2017	37.50119,-122.41244	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2019	37.50044,-122.41111	2/20/2023	9.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2020	37.49698,-122.40896	2/20/2023	10.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2021	37.49680,-122.40792	2/20/2023	25.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2022R	37.49837,-122.40970	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2022V	37.49779,-122.41015	2/20/2023	228.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2023	37.49853,-122.40967	2/20/2023	398.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2024	37.49939,-122.40976	2/20/2023	245.7	N/A	N/A	N/A	N/A	N/A	N/A

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXEW2025	37.50001,-122.41093	2/20/2023	22.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2026	37.49994,-122.40976	2/20/2023	21.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2027	37.50070,-122.41060	2/20/2023	208.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2028R	37.50015,-122.40942	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2028V	37.50063,-122.41014	2/20/2023	308.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2029	37.49790,-122.41099	2/20/2023	253.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2030	37.49890,-122.41217	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2031	37.49953,-122.41256	2/20/2023	139.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2101	37.49734,-122.41126	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2102R	37.49939,-122.41133	2/20/2023	34.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2102V	37.49893,-122.41097	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2103	37.49957,-122.41022	2/20/2023	9.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2104	37.49979,-122.40902	2/20/2023	375.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2105	37.50053,-122.41124	2/20/2023	260.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2106	37.50245,-122.41159	2/20/2023	366.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2107	37.50506,-122.40743	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2108	37.50587,-122.40692	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2109	37.50641,-122.40735	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2110V	37.49877,-122.41032	2/20/2023	32.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2110R	37.49889,-122.41055	2/20/2023	200.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2111	37.50138,-122.41087	2/20/2023	74.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2112	37.50180,-122.40998	2/20/2023	16.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2113	37.50180,-122.41098	2/20/2023	140.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2207	37.49938,-122.41198	2/20/2023	4.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2208	37.50146,-122.41142	2/20/2023	16.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2209	37.49938,-122.41107	2/20/2023	26.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2210R	37.49790,-122.40921	2/20/2023	1.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2210V	37.49782,-122.40930	2/20/2023	36.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2211	37.49833,-122.40880	2/20/2023	16.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2212	37.49915,-122.40906	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2213	37.50029,-122.40881	2/20/2023	27.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2214	37.49775,-122.40786	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW326AR	37.50315,-122.41027	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW326AV	37.50060,-122.41115	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEWHC6A	37.50634,-122.40637	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC1922	37.50178,-122.41132	2/20/2023	12.9	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2000	37.49803,-122.40758	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2001	37.49803,-122.40758	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2013	37.50324,-122.41015	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2014	37.50117,-122.41019	2/20/2023	196.5	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2015	37.50254,-122.40671	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2032	37.50032,-122.40767	3/17/2023	280.7	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2101	37.49938,-122.40840	3/27/2023	1.1	N/A	N/A	N/A	N/A	N/A	N/A
OXLCCR4A1	37.50257,-122.40673	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCCR4B1	37.50257,-122.40674	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS07	37.49789,-122.40745	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXLRS10	37.49933,-122.40824	2/20/2023	344.9	N/A	N/A	N/A	N/A	N/A	N/A
OXLRS11	37.49933,-122.40823	2/20/2023	207.5	N/A	N/A	N/A	N/A	N/A	N/A
OXLRS3A	37.49633,-122.41322	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLRS3B	37.49633,-122.41322	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLRS7B	37.49788,-122.40745	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLRS8A	37.50238,-122.40712	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLRS8B	37.50240,-122.40728	2/20/2023	6.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLRS8C	37.50239,-122.40728	2/20/2023	16.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLRS9A	37.50170,-122.41019	2/20/2023	116.8	N/A	N/A	N/A	N/A	N/A	N/A
OXLRS9B	37.50170,-122.41019	2/20/2023	46.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME302D	37.49674,-122.40813	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME306D	37.49647,-122.40899	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME312D	37.49795,-122.41173	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME316D	37.50128,-122.41347	2/20/2023	61.3	N/A	N/A	N/A	N/A	N/A	N/A
OXME317D	37.50062,-122.41358	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW113	37.49749,-122.41459	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW122	37.49563,-122.41037	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW126	37.50009,-122.41523	3/17/2023	263.4	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW138	37.49633,-122.41317	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW145	37.49790,-122.41459	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW156R	37.50636,-122.40638	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW156V	37.50644,-122.40594	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW158	37.50114,-122.41485	2/20/2023	122.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW159	37.50088,-122.41495	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW162	37.49626,-122.41193	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW164	37.49618,-122.41124	3/24/2023	24.4	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW170	37.50871,-122.40513	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW173	37.50728,-122.40593	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW174R	37.50644,-122.4064	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW174V	37.5067,-122.40593	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW175R	37.50629,-122.40636	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW175V	37.50631,-122.40625	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW176	37.50329,-122.40859	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW181	37.50178,-122.41392	2/20/2023	62.9	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW182	37.49924,-122.41376	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW183	37.49869,-122.41411	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW184	37.49761,-122.41405	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW185	37.4973,-122.41389	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW186	37.49795,-122.41289	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW187	37.49748,-122.41294	2/20/2023	3.7	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW188	37.49721,-122.41239	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW189	37.49713,-122.41173	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW190	37.49795,-122.41153	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW191	37.5072,-122.40664	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW192	37.50510,-122.40695	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW194	37.50081,-122.41449	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXMEW196	37.49875,-122.41364	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW199	37.49805,-122.41334	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW200	37.49747,-122.41332	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW201	37.49723,-122.41352	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW203	37.49671,-122.41452	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW204	37.49667,-122.41391	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW205	37.49750,-122.41211	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW209	37.49739,-122.40951	2/20/2023	312.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW210	37.49631,-122.4087	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW300	37.49705,-122.40781	2/20/2023	73.2	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW302	37.49673,-122.40813	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW303	37.49628,-122.40782	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW306	37.49647,-122.40898	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW307	37.49860,-122.41470	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW309	37.49711,-122.40952	2/20/2023	61.2	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW310	37.49859,-122.41323	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW311	37.49661,-122.41136	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW312	37.49795,-122.41173	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW315	37.49730,-122.40837	2/20/2023	2.9	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW316	37.50128,-122.41346	2/20/2023	50.3	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW317	37.50063,-122.41359	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW318	37.49997,-122.41371	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW319	37.49935,-122.41333	2/20/2023	1.6	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW320	37.49827,-122.41125	2/20/2023	82.3	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW322	37.50214,-122.41328	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW323	37.50242,-122.41207	2/20/2023	100.9	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW325	37.50177,-122.41133	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW328	37.50151,-122.41214	2/20/2023	46.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWHC1	37.49914,-122.41521	3/17/2023	646.2	3/18/2023	335.0	N/A	N/A	4/5/2023	263.2
OXMEWW05	37.50532,-122.40811	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW06	37.50466,-122.40843	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW08	37.50473,-122.40711	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW15	37.50329,-122.40918	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW16	37.50391,-122.40943	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW17	37.50344,-122.41011	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW18R	37.50331,-122.41076	3/17/2023	29.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW18V	37.50314,-122.41083	3/17/2023	744.6	3/18/2023	168.8	N/A	N/A	4/5/2023	160.5
OXMEWW1G	37.50616,-122.40836	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW1I	37.50559,-122.40867	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW1J	37.50531,-122.40885	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW1K	37.50491,-122.40917	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW1S	37.50430,-122.41031	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW26R	37.50007,-122.41526	3/17/2023	67.9	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW26V	37.50296,-122.41142	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF03	37.49539,-122.41078	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF04	37.49539,-122.41076	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXMHCF06	37.49536,-122.41074	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMNEW1D	37.50696,-122.40788	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW30	37.50718,-122.40739	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW31	37.50663,-122.40775	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW32	37.50608,-122.40638	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW33	37.50546,-122.40648	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW35	37.50601,-122.40736	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW36	37.50589,-122.40786	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW44	37.50402,-122.41013	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW46	37.50325,-122.41015	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW50	37.50296,-122.40793	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXPEW30A	37.50177,-122.41465	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2033	37.49954,-122.40810	2/20/2023	6.3	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2034	37.49969,-122.40803	2/20/2023	12.2	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2215	37.49882,-122.40874	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2216	37.50179,-122.41003	2/20/2023	20.5	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP01	37.50615,-122.40603	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP02	37.49912,-122.41517	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0001	37.50036,-122.41458	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0002	37.50092,-122.41471	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0003	37.49614,-122.41163	3/24/2023	4.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0004	37.49608,-122.41108	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0005	37.50338,-122.40935	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0006	37.49628,-122.41225	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0007	37.49925,-122.41176	3/27/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0008	37.50178,-122.41070	3/27/2023	198.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0009	37.49919,-122.41009	3/27/2023	7.2	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0010	37.50315,-122.41028	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0012	37.49983,-122.40940	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0013	37.49548,-122.41081	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0015	37.49565,-122.41038	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0016	37.49599,-122.41065	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0017	37.49735,-122.41340	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0018	37.49729,-122.412762	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0019	37.49719,-122.411547	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0020	37.50338,-122.40935	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0021	37.50013,-122.41523	3/17/2023	15.4	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0022	37.50154,-122.41477	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0023	37.49566,-122.41040	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0024	37.49564,-122.41030	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0025	37.49687,-122.41037	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0026	37.49879,-122.40821	2/20/2023	25.6	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0027	37.49885,-122.41308	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0028	37.49930,-122.41126	3/27/2023	23.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0029	37.49935,-122.41157	2/20/2023	56.5	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0030	37.50014,-122.41021	2/20/2023	20.6	N/A	N/A	N/A	N/A	N/A	N/A

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXCP0031	37.50064,-122.40984	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0032	37.49622,-122.41249	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0033	37.49627,-122.41279	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0034	37.49895,-122.41110	3/27/2023	30.5	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0035	37.49900,-122.41214	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0036	37.50138,-122.41074	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0037	37.49817,-122.41012	3/24/2023	6.6	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0038	37.49563,-122.41038	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0039	37.49910,-122.41517	3/27/2023	270.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0040	37.49717,-122.41458	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0041	37.49567,-122.41038	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0042	37.49566,-122.41037	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0043	37.49566,-122.41035	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0044	37.49562,-122.41039	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0045	37.49564,-122.41034	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0046	37.49564,-122.41031	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0047	37.49563,-122.41030	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0048	37.50058,-122.40756	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0049	37.50327,-122.40916	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0050	37.50379,-122.40873	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0051	37.50219,-122.41094	3/27/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0052	37.50221,-122.41098	3/27/2023	8.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0053	37.49539,-122.41077	3/24/2023	2.5	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0054	37.49537,-122.41075	3/24/2023	38.7	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0055	37.50049,-122.40758	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0056	37.49681,-122.40729	2/20/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0057	37.49802,-122.40759	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0058	37.49802,-122.40759	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0059	37.49802,-122.40760	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0062	37.50257,-122.40676	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0063	37.50258,-122.40675	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0064	37.50257,-122.40675	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0065	37.50325,-122.40958	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0066	37.50263,-122.41006	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0067	37.50032,-122.41375	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0068	37.50841,-122.40583	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0069	37.50642,-122.40639	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0070	37.50363,-122.40673	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0071	37.50261,-122.4072	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0072	37.49929,-122.41527	3/24/2023	219.6	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0073	37.50328,-122.40910	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0074	37.49990,-122.40900	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0075	37.49993,-122.40903	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0076	37.50206,-122.41128	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0077	37.50170,-122.41021	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0078	37.50010,-122.41167	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXCP0079	37.49886,-122.41000	3/27/2023	6.7	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0080	37.49572,-122.41062	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0081	37.49614,-122.41226	3/24/2023	89.2	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0084	37.49989,-122.40792	3/17/2023	897.5	3/18/2023	98.9	N/A	4/5/2023	44.1	N/A
OXCP0085	37.49902,-122.40860	3/25/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0086	37.50680,-122.40771	3/24/2023	1.3	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0087	37.49560,-122.41016	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0088	37.49591,-122.40781	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0089	37.49843,-122.40782	2/20/2023	136.8	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0090	37.50356,-122.41165	3/24/2023	133.5	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0091	37.50358,-122.41172	3/24/2023	49.6	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0092	37.50356,-122.41180	3/24/2023	4.2	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0093	37.50352,-122.41184	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0094	37.50355,-122.41172	3/24/2023	219.4	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0095	37.50138,-122.41418	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0096	37.49932,-122.41404	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0097	37.50177,-122.41463	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0098	37.50098,-122.41496	3/17/2023	52.5	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0099	37.50057,-122.40755	3/17/2023	388.7	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0100	37.50114,-122.40727	3/17/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0101	37.50254,-122.40713	3/17/2023	7.5	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0102	37.49666,-122.41402	3/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

ID - Identification

S/N - Serial Number

N/A - Not Applicable

\*Not monitored due to onsite conditions. Please refer to the provided site map for further details.

## Ox Mountain Landfill Instantaneous Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua

Quarter: 1st 2023

Instrument(s): Inficon Irwin

Grid Number/Cover Penetration ID	Coordinates	Initial Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (>200 ppmv)
OXEW2106	37.50245,-122.41159	2/20/2023	366.6
OXEW2105	37.50053,-122.41124	2/20/2023	260.8
OXEW2027	37.50070,-122.41060	2/20/2023	208.3
OXEW2028V	37.50063,-122.41014	2/20/2023	308.8
OXEW2104	37.49979,-122.40902	2/20/2023	375.5
OXEW2023	37.49853,-122.40967	2/20/2023	398.8
OXEW2110R	37.49906,-122.41044	2/20/2023	200.4
OXEW2024	37.49939,-122.40976	2/20/2023	245.7
OXEW2016	37.50063,-122.41247	2/20/2023	338.2
OXEW2029	37.49790,-122.41099	2/20/2023	253.6
OXLCRS10	37.49933,-122.40824	2/20/2023	344.9
OXLCRS11	37.49933,-122.40823	2/20/2023	207.5
OXEW2022V	37.49779,-122.41015	2/20/2023	228.6
OXMEW209	37.49739,-122.40951	2/20/2023	312.5
OXSS2032	37.50032, -122.40767	3/17/2023	280.7
OXCP0099	37.50057, -122.40755	3/17/2023	388.7
Perimeter	37.50719,-122.40785	3/17/2023	207.5
OXMEW126	37.50009,-122.41523	3/17/2023	263.4
OXMEWHC1	37.49914,-122.41521	3/18/2023	335.0
102	37.49809,-122.41115	3/18/2023	246.8
102	37.49822,-122.41117	3/18/2023	255.8
102	37.49860,-122.41091	3/18/2023	248.9
36	37.50409,-122.40800	3/18/2023	216.0
36	37.50408,-122.40800	3/18/2023	209.0
36	37.50408,-122.40800	3/18/2023	206.0
36	37.50407,-122.40800	3/18/2023	212.0
104	37.50366,-122.41200	3/18/2023	256.0
104	37.50366,-122.41200	3/18/2023	289.0
104	37.50366,-122.41200	3/18/2023	400.0
104	37.50299,-122.41100	3/18/2023	218.0
110	37.50356,-122.41200	3/18/2023	224.0
110	37.50354,-122.41200	3/18/2023	265.0
163	37.49965,-122.41526	3/18/2023	242.0
OXCP0094	37.50355,-122.41172	3/24/2023	219.4
134	37.50281,-122.41345	3/24/2023	208.0
123	37.50172,-122.41262	3/24/2023	349.0
123	N/A	3/24/2023	360.0



Grid Number/Cover Penetration ID	Coordinates	Initial Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (>200 ppmv)
123	37.50172,-122.41262	3/24/2023	481.0
OXCP0072	37.49929,-122.41527	3/24/2023	219.6
167	37.49931,-122.40828	3/24/2023	385.6
167	37.50002,-122.40831	3/24/2023	335.4
31	37.50042,-122.40771	3/24/2023	327.4
101	37.49947,-122.41118	3/24/2023	323.0
73	37.50170,-122.40979	3/24/2023	232.0
118	37.50116,-122.41225	3/24/2023	260.0
124	37.50102,-122.41237	3/24/2023	209.0
OXEW1702	37.49781,-122.40872	3/25/2023	291.7
164	37.49962,-122.41519	3/25/2023	237.0
164	37.49958,-122.41523	3/25/2023	206.0
123	37.50174,-122.41264	3/25/2023	475.0
167	37.50015,-122.40790	3/25/2023	258.2
167	37.50013,-122.40788	3/25/2023	279.0
123	37.50172,-122.41262	3/25/2023	360.0
146	37.50002,-122.41400	3/27/2023	373.1
146	37.49984,-122.41400	3/27/2023	204.1
146	37.49982,-122.41400	3/27/2023	235.2
OXCP0039	37.49910,-122.41517	3/27/2023	270.1
OXMEWHC1	37.49914,-122.41521	4/5/2023	263.2
167	37.50017,-122.40785	4/5/2023	231.0

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

S/N - Serial Number

## APPENDIX C

### INSTANTANEOUS MONITORING RESULTS

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Initial 25 ppmv Exceedances and Re-Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 1st 2023  
 Instrument(s): Inficon Irwin

Grid Number	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		Comments
	Monitoring Date	CH <sub>4</sub> Concentration (>25 ppmv)	Monitoring Date	CH <sub>4</sub> Concentration	Monitoring Date	CH <sub>4</sub> Concentration	
167	3/24/2023	36.0	3/25/2023	15.7	N/A	N/A	N/A

N/A - Not Applicable      ppmv - parts per million by volume      CH<sub>4</sub> - Methane      S/N - Serial Number

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaite, and Lusi Naivalurua  
 Quarter: 1st 2023  
 Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Perimeter	3/17/2023	3.1	N/A	N/A	N/A
Grid 1	3/17/2023	0.0	N/A	N/A	N/A
Grid 2	3/3/2023	0.0	N/A	N/A	N/A
Grid 3	3/3/2023	1.0	N/A	N/A	N/A
Grid 4	3/3/2023	0.0	N/A	N/A	N/A
Grid 5	3/3/2023	1.0	N/A	N/A	N/A
Grid 6	3/3/2023	0.0	N/A	N/A	N/A
Grid 7	3/17/2023	1.0	N/A	N/A	N/A
Grid 8	3/3/2023	1.0	N/A	N/A	N/A
Grid 9	3/3/2023	0.0	N/A	N/A	N/A
Grid 10	3/17/2023	0.0	N/A	N/A	N/A
Grid 11	3/17/2023	1.0	N/A	N/A	N/A
Grid 12	3/17/2023	0.0	N/A	N/A	N/A
Grid 13	3/17/2023	2.0	N/A	N/A	N/A
Grid 14	3/17/2023	4.0	N/A	N/A	N/A
Grid 15	3/17/2023	0.0	N/A	N/A	N/A
Grid 16	3/17/2023	0.0	N/A	N/A	N/A
Grid 17	3/17/2023	1.0	N/A	N/A	N/A
Grid 18	3/17/2023	2.0	N/A	N/A	N/A
Grid 19	3/17/2023	0.0	N/A	N/A	N/A
Grid 20	3/17/2023	0.0	N/A	N/A	N/A
Grid 21	3/18/2023	0.0	N/A	N/A	N/A
Grid 22	*	*	N/A	N/A	N/A
Grid 23	3/17/2023	2.0	N/A	N/A	N/A
Grid 24	3/17/2023	0.0	N/A	N/A	N/A
Grid 25	3/18/2023	0.0	N/A	N/A	N/A
Grid 26	3/18/2023	6.0	N/A	N/A	N/A
Grid 27	3/17/2023	0.0	N/A	N/A	N/A
Grid 28	3/27/2023	0.4	N/A	N/A	N/A
Grid 29	3/18/2023	2.0	N/A	N/A	N/A
Grid 30	*	*	N/A	N/A	N/A
Grid 31	3/24/2023	2.3	N/A	N/A	N/A
Grid 32	3/17/2023	0.1	N/A	N/A	N/A

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 33	3/17/2023	0.1	N/A	N/A	N/A
Grid 34	3/17/2023	0.0	N/A	N/A	N/A
Grid 35	3/27/2023	2.3	N/A	N/A	N/A
Grid 36	3/18/2023	16.0	N/A	N/A	N/A
Grid 37	*	*	N/A	N/A	N/A
Grid 38	3/24/2023	7.1	N/A	N/A	N/A
Grid 39	3/17/2023	3.1	N/A	N/A	N/A
Grid 40	3/17/2023	1.0	N/A	N/A	N/A
Grid 41	3/17/2023	14.0	N/A	N/A	N/A
Grid 42	3/18/2023	8.0	N/A	N/A	N/A
Grid 43	3/18/2023	14.0	N/A	N/A	N/A
Grid 44	*	*	N/A	N/A	N/A
Grid 45	3/24/2023	12.1	N/A	N/A	N/A
Grid 46	3/17/2023	1.0	N/A	N/A	N/A
Grid 47	3/17/2023	2.0	N/A	N/A	N/A
Grid 48	3/18/2023	3.0	N/A	N/A	N/A
Grid 49	*	*	N/A	N/A	N/A
Grid 50	*	*	N/A	N/A	N/A
Grid 51	3/24/2023	4.5	N/A	N/A	N/A
Grid 52	3/18/2023	0.7	N/A	N/A	N/A
Grid 53	3/17/2023	1.0	N/A	N/A	N/A
Grid 54	3/17/2023	0.1	N/A	N/A	N/A
Grid 55	3/18/2023	2.0	N/A	N/A	N/A
Grid 56	*	*	N/A	N/A	N/A
Grid 57	*	*	N/A	N/A	N/A
Grid 58	3/24/2023	1.5	N/A	N/A	N/A
Grid 59	3/24/2023	2.2	N/A	N/A	N/A
Grid 60	3/24/2023	4.3	N/A	N/A	N/A
Grid 61	3/18/2023	5.0	N/A	N/A	N/A
Grid 62	3/17/2023	2.0	N/A	N/A	N/A
Grid 63	3/18/2023	0.0	N/A	N/A	N/A
Grid 64	*	*	N/A	N/A	N/A
Grid 65	*	*	N/A	N/A	N/A
Grid 66	*	*	N/A	N/A	N/A
Grid 67	3/24/2023	3.0	N/A	N/A	N/A
Grid 68	3/18/2023	4.4	N/A	N/A	N/A
Grid 69	3/17/2023	1.0	N/A	N/A	N/A
Grid 70	3/17/2023	0.1	N/A	N/A	N/A
Grid 71	*	*	N/A	N/A	N/A

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 72	*	*	N/A	N/A	N/A
Grid 73	*	*	N/A	N/A	N/A
Grid 74	*	*	N/A	N/A	N/A
Grid 75	3/24/2023	8.0	N/A	N/A	N/A
Grid 76	3/18/2023	5.0	N/A	N/A	N/A
Grid 77	3/17/2023	0.0	N/A	N/A	N/A
Grid 78	*	*	N/A	N/A	N/A
Grid 79	*	*	N/A	N/A	N/A
Grid 80	*	*	N/A	N/A	N/A
Grid 81	*	*	N/A	N/A	N/A
Grid 82	3/24/2023	6.0	N/A	N/A	N/A
Grid 83	3/18/2023	3.9	N/A	N/A	N/A
Grid 84	3/17/2023	2.0	N/A	N/A	N/A
Grid 85	3/17/2023	0.1	N/A	N/A	N/A
Grid 86	*	*	N/A	N/A	N/A
Grid 87	*	*	N/A	N/A	N/A
Grid 88	*	*	N/A	N/A	N/A
Grid 89	3/24/2023	6.0	N/A	N/A	N/A
Grid 90	3/18/2023	4.5	N/A	N/A	N/A
Grid 91	3/17/2023	1.0	N/A	N/A	N/A
Grid 92	*	*	N/A	N/A	N/A
Grid 93	*	*	N/A	N/A	N/A
Grid 94	*	*	N/A	N/A	N/A
Grid 95	3/24/2023	4.0	N/A	N/A	N/A
Grid 96	3/18/2023	8.2	N/A	N/A	N/A
Grid 97	3/17/2023	0.0	N/A	N/A	N/A
Grid 98	*	*	N/A	N/A	N/A
Grid 99	3/24/2023	3.0	N/A	N/A	N/A
Grid 100	*	*	N/A	N/A	N/A
Grid 101	3/24/2023	10.0	N/A	N/A	N/A
Grid 102	3/18/2023	12.2	N/A	N/A	N/A
Grid 103	3/17/2023	1.0	N/A	N/A	N/A
Grid 104	3/18/2023	20.0	N/A	N/A	N/A
Grid 105	3/24/2023	8.0	N/A	N/A	N/A
Grid 106	3/24/2023	4.0	N/A	N/A	N/A
Grid 107	3/24/2023	9.0	N/A	N/A	N/A
Grid 108	3/18/2023	5.2	N/A	N/A	N/A
Grid 109	3/17/2023	1.0	N/A	N/A	N/A
Grid 110	3/18/2023	15	N/A	N/A	N/A

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 111	3/24/2023	5.0	N/A	N/A	N/A
Grid 112	3/24/2023	3.0	N/A	N/A	N/A
Grid 113	3/24/2023	6.0	N/A	N/A	N/A
Grid 114	3/18/2023	5.5	N/A	N/A	N/A
Grid 115	3/17/2023	1.0	N/A	N/A	N/A
Grid 116	3/24/2023	4.0	N/A	N/A	N/A
Grid 117	3/24/2023	3.0	N/A	N/A	N/A
Grid 118	3/24/2023	16.0	N/A	N/A	N/A
Grid 119	3/24/2023	4.0	N/A	N/A	N/A
Grid 120	3/18/2023	2.2	N/A	N/A	N/A
Grid 121	3/17/2023	0.0	N/A	N/A	N/A
Grid 122	3/24/2023	5.0	N/A	N/A	N/A
Grid 123	3/24/2023	15.0	N/A	N/A	N/A
Grid 124	3/24/2023	7.0	N/A	N/A	N/A
Grid 125	3/24/2023	6.0	N/A	N/A	N/A
Grid 126	3/18/2023	5.9	N/A	N/A	N/A
Grid 127	3/18/2023	0.0	N/A	N/A	N/A
Grid 128	3/24/2023	5.0	N/A	N/A	N/A
Grid 129	3/24/2023	1.0	N/A	N/A	N/A
Grid 130	3/25/2023	5.0	N/A	N/A	N/A
Grid 131	3/24/2023	3.0	N/A	N/A	N/A
Grid 132	3/18/2023	1.4	N/A	N/A	N/A
Grid 133	3/18/2023	0.0	N/A	N/A	N/A
Grid 134	3/24/2023	3.0	N/A	N/A	N/A
Grid 135	3/25/2023	3.0	N/A	N/A	N/A
Grid 136	3/24/2023	1.0	N/A	N/A	N/A
Grid 137	3/18/2023	2.7	N/A	N/A	N/A
Grid 138	3/18/2023	0.0	N/A	N/A	N/A
Grid 139	3/24/2023	3.0	N/A	N/A	N/A
Grid 140	3/25/2023	6.0	N/A	N/A	N/A
Grid 141	3/24/2023	1.0	N/A	N/A	N/A
Grid 142	3/18/2023	0.5	N/A	N/A	N/A
Grid 143	3/18/2023	0.0	N/A	N/A	N/A
Grid 144	3/24/2023	2.0	N/A	N/A	N/A
Grid 145	3/25/2023	1.0	N/A	N/A	N/A
Grid 146	3/27/2023	6.4	N/A	N/A	N/A
Grid 147	3/18/2023	0.3	N/A	N/A	N/A
Grid 148	3/18/2023	0.0	N/A	N/A	N/A
Grid 149	3/24/2023	2.0	N/A	N/A	N/A

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 150	3/25/2023	1.0	N/A	N/A	N/A
Grid 151	3/27/2023	0.5	N/A	N/A	N/A
Grid 152	3/18/2023	0.7	N/A	N/A	N/A
Grid 153	3/18/2023	0.0	N/A	N/A	N/A
Grid 154	3/24/2023	0.0	N/A	N/A	N/A
Grid 155	3/25/2023	0.0	N/A	N/A	N/A
Grid 156	3/18/2023	1.0	N/A	N/A	N/A
Grid 157	3/24/2023	0.3	N/A	N/A	N/A
Grid 158	3/18/2023	1.0	N/A	N/A	N/A
Grid 159	3/18/2023	5.0	N/A	N/A	N/A
Grid 160	3/18/2023	5.0	N/A	N/A	N/A
Grid 161	3/18/2023	1.0	N/A	N/A	N/A
Grid 162	3/18/2023	1.0	N/A	N/A	N/A
Grid 163	3/24/2023	15.5	N/A	N/A	N/A
Grid 164	3/25/2023	22.0	N/A	N/A	N/A
Grid 165	3/24/2023	1.0	N/A	N/A	N/A
Grid 166	3/24/2023	0.2	N/A	N/A	N/A
Grid 167	3/24/2023	36.0	Grid 167	3/25/2023	15.7
Grid 168	3/17/2023	0.9	N/A	N/A	N/A

N/A - Not Applicable    ppmv - parts per million by volume    CH<sub>4</sub> - Methane    S/N - Serial Number

\*Not monitored due to onsite conditions or no waste in place. Please refer to the provided site map for further details.



## APPENDIX D

### CALIBRATION LOGS

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

TIME: 7:23 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92003443

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 498 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 506 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 500 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Devin de Kelaita

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 304-4019922675 Span Gas Serial Number: TIBJ-150A-500-6  
Zero Gas Expiration Date: 12/21/2024 Span Gas Expiration Date: 08/16/2023

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

TIME: 7:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003443

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 506 ppm  
90% of the Stabilized Reading: 455 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 500 ppm  
90% of the Stabilized Reading: 450 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (3)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Devin de Kelaita

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

TIME: 7:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003443

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 506 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 500 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 501 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Devin de Kelaita

LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA.</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:23 AM	Time:	2:39 PM
Temperature:	46 °F	Temperature:	63 °F
Barometer:	30.14 " Hg	Barometer:	30.11 " Hg
Humidity:	64 %	Humidity:	47 %
Wind Speed:	3 mph	Wind Speed:	6 mph
Wind Direction:	NW °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

TIME: 7:23 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92003456

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 497 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 493 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 492 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Lusi Naivalurua

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: <b>21-8129</b>	Span Gas Serial Number: <b>304402034611</b>
Zero Gas Expiration Date: <b>08/25/2025</b>	Span Gas Expiration Date: <b>02\11\2025</b>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

TIME: 7:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003456

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 493 ppm  
90% of the Stabilized Reading: 443 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

TIME: 7:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003456

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 493 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 494 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua



LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half-moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:23 AM	Time:	1:51 PM
Temperature:	48 °F	Temperature:	61 °F
Barometer:	30.15 " Hg	Barometer:	30.13 " Hg
Humidity:	49 %	Humidity:	48 %
Wind Speed:	1 mph	Wind Speed:	8 mph
Wind Direction:	NW °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

TIME: 7:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 493 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 21-8129

Span Gas Serial Number: 21-7995

Zero Gas Expiration Date: 08/25/2025

Span Gas Expiration Date: 08/25/2025

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

TIME: 7:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

90% of the Stabilized Reading: 445 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 3 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 493 ppm

90% of the Stabilized Reading: 443 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 3 seconds (1)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

$$= \underline{3} \text{ SECONDS (MUST BE LESS THAN 30 SECONDS)}$$

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

TIME: 7:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 493 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

Stable instrument reading:  $\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$

Stable instrument reading: 494 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 2/20/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:23 AM	Time:	3:39 PM
Temperature:	48 °F	Temperature:	58 °F
Barometer:	30.15 " Hg	Barometer:	30.11 " Hg
Humidity:	49 %	Humidity:	70 %
Wind Speed:	1 mph	Wind Speed:	4 mph
Wind Direction:	NW °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/3/2023

TIME: 10:15 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92003443

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 503 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Devin deKelaita

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 304-4019922675 Span Gas Serial Number: TIBJ-150A-500-6  
Zero Gas Expiration Date: 12/21/2024 Span Gas Expiration Date: 08/16/2023

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/3/2023

TIME: 10:15 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003443

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 503 ppm  
90% of the Stabilized Reading: 452 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (3)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Devin deKelaita

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/3/2023

TIME: 10:15 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003443

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 503 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 498 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Devin deKelaita



LANDFILL NAME: Ox Mountain

DATE: 3/3/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA.</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:15 AM	Time:	2:32 PM
Temperature:	50 °F	Temperature:	52 °F
Barometer:	30.10 " Hg	Barometer:	30.03 " Hg
Humidity:	89 %	Humidity:	68 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	N °	Wind Direction:	W °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

TIME: 8:04 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92003443

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 495 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \quad \times \quad \frac{1}{(7)} \quad \times \quad \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Devin deKelaita

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 304-4019922675 Span Gas Serial Number: 21-7995  
Zero Gas Expiration Date: 12/21/2024 Span Gas Expiration Date: 08/25/2025

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

TIME: 8:04 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003443

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (3)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Devin deKelaita

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

TIME: 8:04 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003443

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 495 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Devin deKelaita

LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

**Site Information**

<b>Section 1 - Weather Data</b>			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
<b>Beginning of Monitoring Event</b>		<b>End of Monitoring Event</b>	
Time:	8:04 AM	Time:	4:59 PM
Temperature:	44 °F	Temperature:	57 °F
Barometer:	30.09 " Hg	Barometer:	30.05 " Hg
Humidity:	95 %	Humidity:	71 %
Wind Speed:	2 mph	Wind Speed:	5 mph
Wind Direction:	NE °	Wind Direction:	W °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

TIME: 8:07 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 494 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 495 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>304-402034461-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>02/11/2025</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

TIME: 8:07 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 494 ppm

90% of the Stabilized Reading: 444 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

90% of the Stabilized Reading: 445 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 3 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm

90% of the Stabilized Reading: 445 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

$$= \underline{3} \text{ SECONDS (MUST BE LESS THAN 30 SECONDS)}$$

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

TIME: 8:07 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 494 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Matt Bowman



LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:07 AM	Time:	4:52 PM
Temperature:	44 °F	Temperature:	54 °F
Barometer:	30.09 " Hg	Barometer:	30.05 " Hg
Humidity:	95 %	Humidity:	80 %
Wind Speed:	2 mph	Wind Speed:	5 mph
Wind Direction:	NE °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

TIME: 8:05 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92003456

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 492 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \quad \times \quad \frac{1}{(7)} \quad \times \quad \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Lusi Naivalurua

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 305401819457 Span Gas Serial Number: 304402034461 1  
Zero Gas Expiration Date: 05/28/2024 Span Gas Expiration Date: 02-11\2025

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

TIME: 8:05 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003456

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

TIME: 8:05 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003456

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 494 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 3/17/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:05 AM	Time:	5:16 PM
Temperature:	42 °F	Temperature:	54 °F
Barometer:	30.09 " Hg	Barometer:	30.05 " Hg
Humidity:	90 %	Humidity:	80 %
Wind Speed:	0 mph	Wind Speed:	4 mph
Wind Direction:	SW °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

TIME: 7:25 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92003443

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 494 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 493 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Devin deKelaita

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 304-4019922675 Span Gas Serial Number: 21-7995  
Zero Gas Expiration Date: 12/21/2024 Span Gas Expiration Date: 08/25/2025

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

TIME: 7:25 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003443

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

90% of the Stabilized Reading: 445 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm

90% of the Stabilized Reading: 444 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 493 ppm

90% of the Stabilized Reading: 443 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Devin deKelaita

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

TIME: 7:25 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003443

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 493 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 494 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Devin deKelaita



LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:25 AM	Time:	12:43 PM
Temperature:	47 °F	Temperature:	63 °F
Barometer:	30.03 " Hg	Barometer:	30.00 " Hg
Humidity:	74 %	Humidity:	63 %
Wind Speed:	2 mph	Wind Speed:	4 mph
Wind Direction:	NW °	Wind Direction:	SW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

TIME: 7:26 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92003456

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 493 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 492 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 494 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \quad \times \quad \frac{1}{(7)} \quad \times \quad \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Lusi Naivalurua

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 305401819457 Span Gas Serial Number: 304402034461 1  
Zero Gas Expiration Date: 05/28/2024 Span Gas Expiration Date: 02-11\2025

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

TIME: 7:26 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003456

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 493 ppm  
90% of the Stabilized Reading: 443 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

TIME: 7:26 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003456

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 493 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 492 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 493 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:26 AM	Time:	3:11 PM
Temperature:	47 °F	Temperature:	58 °F
Barometer:	30.03 " Hg	Barometer:	30.01 " Hg
Humidity:	74 %	Humidity:	70 %
Wind Speed:	2 mph	Wind Speed:	4 mph
Wind Direction:	NW °	Wind Direction:	N °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

TIME: 6:49 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 497 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 497 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>304-402034461-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>02/11/2025</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

TIME: 6:49 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

TIME: 6:49 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 496 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Matt Bowman



LANDFILL NAME: Ox Mountain

DATE: 3/18/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	6:49 AM	Time:	3:30 PM
Temperature:	45 °F	Temperature:	62 °F
Barometer:	30.03 " Hg	Barometer:	29.97 " Hg
Humidity:	93 %	Humidity:	65 %
Wind Speed:	1 mph	Wind Speed:	6 mph
Wind Direction:	W °	Wind Direction:	SW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

TIME: 8:00 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004296

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 498 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Devin deKelaita

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 304-4019922675 Span Gas Serial Number: TIBJ-150A-500-6  
Zero Gas Expiration Date: 12/21/2024 Span Gas Expiration Date: 8/16/2023

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

TIME: 8:00 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004296

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (3)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Devin deKelaita

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

TIME: 8:00 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004296

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 496 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Devin deKelaita

LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather - Half Moon Bay, CA.</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:00 AM	Time:	4:20 PM
Temperature:	43 °F	Temperature:	52 °F
Barometer:	30.42 " Hg	Barometer:	30.40 " Hg
Humidity:	72 %	Humidity:	63 %
Wind Speed:	10 mph	Wind Speed:	17 mph
Wind Direction:	N °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

TIME: 8:25 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92003456

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 505 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 492 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \quad \times \quad \frac{1}{(7)} \quad \times \quad \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Lusi Naivalurua

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 305401819457 Span Gas Serial Number: 304402034461 1  
Zero Gas Expiration Date: 05/28/2024 Span Gas Expiration Date: 02-11\2025

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

TIME: 8:25 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003456

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 505 ppm  
90% of the Stabilized Reading: 454 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

TIME: 8:25 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003456

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 505 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 497 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua



LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:25 AM	Time:	4:42 PM
Temperature:	45 °F	Temperature:	49 °F
Barometer:	30.43 " Hg	Barometer:	30.40 " Hg
Humidity:	66 %	Humidity:	63 %
Wind Speed:	7 mph	Wind Speed:	19 mph
Wind Direction:	NW °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

TIME: 8:25 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 494 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 494 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 305-4018194575 Span Gas Serial Number: 304-402034461-1  
Zero Gas Expiration Date: 05/28/2024 Span Gas Expiration Date: 02/11/2025

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

TIME: 8:25 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 3 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm

90% of the Stabilized Reading: 444 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm

90% of the Stabilized Reading: 444 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 4 seconds (1)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

$$= \underline{4} \text{ SECONDS (MUST BE LESS THAN 30 SECONDS)}$$

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

TIME: 8:25 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 494 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 3/24/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:25 AM	Time:	4:38 PM
Temperature:	45 °F	Temperature:	52 °F
Barometer:	30.43 " Hg	Barometer:	30.40 " Hg
Humidity:	66 %	Humidity:	64 %
Wind Speed:	7 mph	Wind Speed:	19 mph
Wind Direction:	N °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/25/2023

TIME: 8:26 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004296

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 497 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 494 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Devin deKelaita

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 304-4019922675 Span Gas Serial Number: TIBJ-150A-500-6  
Zero Gas Expiration Date: 12/21/2024 Span Gas Expiration Date: 8/16/2023

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/25/2023

TIME: 8:26 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004296

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm

90% of the Stabilized Reading: 447 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm

90% of the Stabilized Reading: 444 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (3)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Devin deKelaita

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/25/2023

TIME: 8:26 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004296

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 495 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Devin deKelaita



LANDFILL NAME: Ox Mountain

DATE: 3/25/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather - Half Moon Bay, CA.</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:26 AM	Time:	2:07 PM
Temperature:	42 °F	Temperature:	52 °F
Barometer:	30.35 " Hg	Barometer:	30.29 " Hg
Humidity:	73 %	Humidity:	53 %
Wind Speed:	8 mph	Wind Speed:	11 mph
Wind Direction:	N °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/25/2023

TIME: 7:45 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 495 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 305-4018194575 Span Gas Serial Number: 304-402034461-1  
Zero Gas Expiration Date: 05/28/2024 Span Gas Expiration Date: 02/11/2025

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/25/2023

TIME: 7:45 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

90% of the Stabilized Reading: 445 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm

90% of the Stabilized Reading: 445 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/25/2023

TIME: 7:45 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 495 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 3/25/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:45 AM	Time:	1:49 PM
Temperature:	38 °F	Temperature:	52 °F
Barometer:	30.34 " Hg	Barometer:	30.31 " Hg
Humidity:	82 %	Humidity:	52 %
Wind Speed:	4 mph	Wind Speed:	12 mph
Wind Direction:	N °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/27/2023

TIME: 11:00 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 498 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 498 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 498 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +0%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 305-4018194575 Span Gas Serial Number: 304-402034461-1  
Zero Gas Expiration Date: 05/28/2024 Span Gas Expiration Date: 02/11/2025

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/27/2023

TIME: 11:00 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 3 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 3/27/2023

TIME: 11:00 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 498 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 497 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Matt Bowman



LANDFILL NAME: Ox Mountain

DATE: 3/27/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	11:00 AM	Time:	3:44 PM
Temperature:	51 °F	Temperature:	53 °F
Barometer:	30.24 " Hg	Barometer:	30.18 " Hg
Humidity:	59 %	Humidity:	64 %
Wind Speed:	4 mph	Wind Speed:	7 mph
Wind Direction:	NW °	Wind Direction:	W °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 4/5/2023

TIME: 7:43 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 493 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 499 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 305-4018194575 Span Gas Serial Number: 304-402034461-1  
Zero Gas Expiration Date: 05/28/2024 Span Gas Expiration Date: 02/11/2025

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 4/5/2023

TIME: 7:43 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 493 ppm  
90% of the Stabilized Reading: 443 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 499 ppm  
90% of the Stabilized Reading: 449 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 4/5/2023

TIME: 7:43 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 493 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 499 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 495 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 4/5/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:43 AM	Time:	10:22 AM
Temperature:	43 °F	Temperature:	49 °F
Barometer:	30.23 " Hg	Barometer:	30.25 " Hg
Humidity:	90 %	Humidity:	76 %
Wind Speed:	5 mph	Wind Speed:	5 mph
Wind Direction:	NW °	Wind Direction:	NW °

## APPENDIX E

### WEATHER DATA

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/20/2023 6:00	43.0	1.0	2.0	WSW	0.0
2/20/2023 6:05	43.0	2.0	3.0	W	0.0
2/20/2023 6:10	44.0	2.0	4.0	WSW	0.0
2/20/2023 6:15	44.0	2.0	4.0	WSW	0.0
2/20/2023 6:20	44.0	1.0	3.0	WSW	0.0
2/20/2023 6:25	43.0	2.0	3.0	WSW	0.0
2/20/2023 6:30	43.0	2.0	3.0	WSW	0.0
2/20/2023 6:35	43.0	1.0	4.0	WSW	0.0
2/20/2023 6:40	43.0	0.0	1.0	0	0.0
2/20/2023 6:45	43.0	1.0	3.0	WSW	0.0
2/20/2023 6:50	43.0	1.0	3.0	WSW	0.0
2/20/2023 6:55	43.0	0.0	1.0	0	0.0
2/20/2023 7:00	43.0	1.0	2.0	SW	0.0
2/20/2023 7:05	43.0	1.0	3.0	S	0.0
2/20/2023 7:10	43.0	2.0	3.0	WSW	0.0
2/20/2023 7:15	43.0	3.0	3.0	W	0.0
2/20/2023 7:20	43.0	1.0	3.0	WSW	0.0
2/20/2023 7:25	43.0	2.0	5.0	S	0.0
2/20/2023 7:30	43.0	1.0	3.0	S	0.0
2/20/2023 7:35	44.0	1.0	3.0	SSE	0.0
2/20/2023 7:40	44.0	1.0	3.0	SSE	0.0
2/20/2023 7:45	44.0	0.0	2.0	0	0.0
2/20/2023 7:50	45.0	1.0	2.0	SW	0.0
2/20/2023 7:55	45.0	1.0	3.0	WSW	0.0
2/20/2023 8:00	46.0	0.0	1.0	0	0.0
2/20/2023 8:05	46.0	1.0	3.0	SW	0.0
2/20/2023 8:10	46.0	1.0	3.0	WNW	0.0
2/20/2023 8:15	47.0	1.0	2.0	WSW	0.0
2/20/2023 8:20	48.0	0.0	1.0	0	0.0
2/20/2023 8:25	48.0	1.0	3.0	NW	0.0
2/20/2023 8:30	49.0	2.0	3.0	WSW	0.0
2/20/2023 8:35	50.0	0.0	2.0	0	0.0
2/20/2023 8:40	50.0	0.0	0.0	0	0.0
2/20/2023 8:45	51.0	0.0	2.0	0	0.0
2/20/2023 8:50	52.0	1.0	3.0	N	0.0
2/20/2023 8:55	53.0	1.0	4.0	NNW	0.0
2/20/2023 9:00	54.0	1.0	3.0	NNW	0.0
2/20/2023 9:05	55.0	1.0	3.0	N	0.0
2/20/2023 9:10	55.0	1.0	3.0	NNW	0.0
2/20/2023 9:15	55.0	3.0	4.0	WNW	0.0
2/20/2023 9:20	55.0	2.0	3.0	WNW	0.0
2/20/2023 9:25	55.0	2.0	4.0	N	0.0
2/20/2023 9:30	55.0	2.0	3.0	NE	0.0
2/20/2023 9:35	55.0	2.0	4.0	NE	0.0
2/20/2023 9:40	54.0	2.0	6.0	NE	0.0
2/20/2023 9:45	54.0	3.0	5.0	NNE	0.0
2/20/2023 9:50	54.0	2.0	4.0	NNE	0.0
2/20/2023 9:55	55.0	2.0	4.0	ENE	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/20/2023 10:00	54.0	2.0	4.0	ENE	0.0
2/20/2023 10:05	54.0	2.0	3.0	E	0.0
2/20/2023 10:10	54.0	2.0	3.0	E	0.0
2/20/2023 10:15	54.0	2.0	4.0	ENE	0.0
2/20/2023 10:20	54.0	2.0	4.0	NNE	0.0
2/20/2023 10:25	54.0	1.0	3.0	NNE	0.0
2/20/2023 10:30	54.0	1.0	2.0	NNE	0.0
2/20/2023 10:35	55.0	1.0	3.0	N	0.0
2/20/2023 10:40	56.0	2.0	4.0	N	0.0
2/20/2023 10:45	56.0	2.0	4.0	NNE	0.0
2/20/2023 10:50	56.0	3.0	5.0	NNE	0.0
2/20/2023 10:55	56.0	3.0	6.0	NNE	0.0
2/20/2023 11:00	56.0	3.0	5.0	ENE	0.0
2/20/2023 11:05	56.0	3.0	5.0	NNE	0.0
2/20/2023 11:10	55.0	3.0	5.0	NNE	0.0
2/20/2023 11:15	55.0	2.0	4.0	E	0.0
2/20/2023 11:20	56.0	2.0	4.0	ENE	0.0
2/20/2023 11:25	56.0	2.0	4.0	N	0.0
2/20/2023 11:30	57.0	2.0	3.0	NNE	0.0
2/20/2023 11:35	57.0	1.0	4.0	NNE	0.0
2/20/2023 11:40	58.0	1.0	3.0	ENE	0.0
2/20/2023 11:45	58.0	1.0	4.0	ENE	0.0
2/20/2023 11:50	59.0	2.0	5.0	NNE	0.0
2/20/2023 11:55	59.0	2.0	5.0	NNE	0.0
2/20/2023 12:00	59.0	2.0	5.0	NNE	0.0
2/20/2023 12:05	59.0	2.0	5.0	N	0.0
2/20/2023 12:10	60.0	3.0	6.0	N	0.0
2/20/2023 12:15	60.0	2.0	6.0	NNE	0.0
2/20/2023 12:20	61.0	2.0	4.0	WNW	0.0
2/20/2023 12:25	62.0	4.0	7.0	NNE	0.0
2/20/2023 12:30	62.0	3.0	6.0	N	0.0
2/20/2023 12:35	62.0	4.0	7.0	ENE	0.0
2/20/2023 12:40	61.0	3.0	6.0	NE	0.0
2/20/2023 12:45	61.0	3.0	5.0	NE	0.0
2/20/2023 12:50	61.0	2.0	5.0	N	0.0
2/20/2023 12:55	62.0	3.0	5.0	NNE	0.0
2/20/2023 13:00	62.0	3.0	4.0	NNE	0.0
2/20/2023 13:05	62.0	4.0	8.0	NNE	0.0
2/20/2023 13:10	62.0	3.0	8.0	NNE	0.0
2/20/2023 13:15	62.0	3.0	8.0	NE	0.0
2/20/2023 13:20	61.0	5.0	10.0	ENE	0.0
2/20/2023 13:25	61.0	3.0	8.0	ENE	0.0
2/20/2023 13:30	61.0	5.0	8.0	ESE	0.0
2/20/2023 13:35	60.0	3.0	6.0	ESE	0.0
2/20/2023 13:40	60.0	3.0	6.0	ENE	0.0
2/20/2023 13:45	60.0	5.0	9.0	ESE	0.0
2/20/2023 13:50	60.0	4.0	7.0	ESE	0.0
2/20/2023 13:55	60.0	3.0	7.0	ESE	0.0
2/20/2023 14:00	60.0	5.0	10.0	E	0.0
2/20/2023 14:05	60.0	5.0	8.0	E	0.0



Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/20/2023 14:10	60.0	3.0	6.0	E	0.0
2/20/2023 14:15	61.0	4.0	7.0	E	0.0
2/20/2023 14:20	61.0	4.0	7.0	ESE	0.0
2/20/2023 14:25	62.0	5.0	8.0	ENE	0.0
2/20/2023 14:30	62.0	4.0	7.0	E	0.0
2/20/2023 14:35	62.0	3.0	7.0	ESE	0.0
2/20/2023 14:40	62.0	4.0	8.0	E	0.0
2/20/2023 14:45	62.0	6.0	8.0	E	0.0
2/20/2023 14:50	62.0	6.0	8.0	E	0.0
2/20/2023 14:55	62.0	5.0	9.0	E	0.0
2/20/2023 15:00	63.0	6.0	8.0	ESE	0.0
2/20/2023 15:05	63.0	6.0	9.0	ESE	0.0
2/20/2023 15:10	63.0	5.0	10.0	ESE	0.0
2/20/2023 15:15	63.0	5.0	9.0	ESE	0.0
2/20/2023 15:20	64.0	6.0	9.0	ESE	0.0
2/20/2023 15:25	64.0	6.0	10.0	ESE	0.0
2/20/2023 15:30	64.0	8.0	11.0	ESE	0.0
2/20/2023 15:35	63.0	6.0	9.0	ESE	0.0
2/20/2023 15:40	63.0	5.0	9.0	E	0.0
2/20/2023 15:45	63.0	5.0	8.0	ESE	0.0
2/20/2023 15:50	63.0	5.0	8.0	E	0.0
2/20/2023 15:55	63.0	5.0	9.0	ESE	0.0
2/20/2023 16:00	63.0	3.0	6.0	ESE	0.0
2/20/2023 16:05	63.0	4.0	8.0	ESE	0.0
2/20/2023 16:10	63.0	4.0	8.0	ESE	0.0
2/20/2023 16:15	63.0	2.0	4.0	ESE	0.0
2/20/2023 16:20	64.0	1.0	4.0	ESE	0.0
2/20/2023 16:25	64.0	2.0	4.0	ESE	0.0
2/20/2023 16:30	64.0	2.0	4.0	SE	0.0
2/20/2023 16:35	64.0	2.0	4.0	SE	0.0
2/20/2023 16:40	65.0	2.0	4.0	SSE	0.0
2/20/2023 16:45	65.0	3.0	6.0	SSE	0.0
2/20/2023 16:50	64.0	3.0	6.0	SSE	0.0
2/20/2023 16:55	64.0	3.0	4.0	ESE	0.0
2/20/2023 17:00	64.0	4.0	7.0	ESE	0.0
2/20/2023 17:05	63.0	4.0	8.0	ESE	0.0
2/20/2023 17:10	63.0	3.0	7.0	ESE	0.0
2/20/2023 17:15	63.0	3.0	7.0	SE	0.0
2/20/2023 17:20	63.0	4.0	7.0	ESE	0.0
2/20/2023 17:25	62.0	3.0	6.0	ESE	0.0
2/20/2023 17:30	62.0	2.0	3.0	ESE	0.0
2/20/2023 17:35	62.0	2.0	4.0	ESE	0.0
2/20/2023 17:40	62.0	4.0	7.0	ESE	0.0
2/20/2023 17:45	62.0	5.0	10.0	ESE	0.0
2/20/2023 17:50	62.0	5.0	9.0	ESE	0.0
2/20/2023 17:55	61.0	4.0	8.0	ENE	0.0
2/20/2023 18:00	60.0	3.0	7.0	E	0.0
2/20/2023 18:05	59.0	3.0	8.0	ESE	0.0
2/20/2023 18:10	59.0	5.0	8.0	ESE	0.0
2/20/2023 18:15	58.0	6.0	8.0	ESE	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/20/2023 18:20	57.0	6.0	11.0	ESE	0.0
2/20/2023 18:25	57.0	7.0	11.0	ESE	0.0
2/20/2023 18:30	56.0	6.0	9.0	ESE	0.0
3/3/2023 6:00	47.0	1.0	4.0	NNE	0.0
3/3/2023 6:05	47.0	2.0	5.0	NNE	0.0
3/3/2023 6:10	47.0	3.0	5.0	NNE	0.0
3/3/2023 6:15	47.0	3.0	5.0	NNE	0.0
3/3/2023 6:20	47.0	2.0	5.0	NNE	0.0
3/3/2023 6:25	47.0	2.0	4.0	NNE	0.0
3/3/2023 6:30	47.0	2.0	3.0	NNE	0.0
3/3/2023 6:35	47.0	2.0	4.0	NNE	0.0
3/3/2023 6:40	47.0	1.0	3.0	N	0.0
3/3/2023 6:45	47.0	2.0	5.0	NNE	0.0
3/3/2023 6:50	47.0	1.0	5.0	NNE	0.0
3/3/2023 6:55	47.0	1.0	4.0	N	0.0
3/3/2023 7:00	47.0	2.0	5.0	NNE	0.0
3/3/2023 7:05	47.0	1.0	4.0	NNW	0.0
3/3/2023 7:10	47.0	1.0	3.0	NNW	0.0
3/3/2023 7:15	47.0	3.0	8.0	NNW	0.0
3/3/2023 7:20	47.0	4.0	9.0	WNW	0.0
3/3/2023 7:25	46.0	4.0	8.0	WNW	0.0
3/3/2023 7:30	46.0	3.0	8.0	WNW	0.0
3/3/2023 7:35	46.0	2.0	6.0	W	0.0
3/3/2023 7:40	46.0	4.0	8.0	WNW	0.0
3/3/2023 7:45	46.0	4.0	7.0	WNW	0.0
3/3/2023 7:50	46.0	3.0	7.0	WNW	0.0
3/3/2023 7:55	46.0	3.0	7.0	WNW	0.0
3/3/2023 8:00	46.0	3.0	7.0	WNW	0.0
3/3/2023 8:05	46.0	3.0	6.0	WNW	0.0
3/3/2023 8:10	46.0	2.0	6.0	WNW	0.0
3/3/2023 8:15	47.0	3.0	6.0	WNW	0.0
3/3/2023 8:20	47.0	3.0	6.0	WNW	0.0
3/3/2023 8:25	47.0	2.0	4.0	WNW	0.0
3/3/2023 8:30	47.0	2.0	5.0	W	0.0
3/3/2023 8:35	47.0	2.0	5.0	NW	0.0
3/3/2023 8:40	47.0	2.0	6.0	WNW	0.0
3/3/2023 8:45	47.0	3.0	4.0	WNW	0.0
3/3/2023 8:50	48.0	2.0	4.0	WNW	0.0
3/3/2023 8:55	48.0	3.0	6.0	WNW	0.0
3/3/2023 9:00	48.0	3.0	6.0	WNW	0.0
3/3/2023 9:05	48.0	3.0	6.0	WNW	0.0
3/3/2023 9:10	48.0	3.0	7.0	WNW	0.0
3/3/2023 9:15	48.0	5.0	7.0	WNW	0.0
3/3/2023 9:20	49.0	5.0	9.0	WNW	0.0
3/3/2023 9:25	49.0	4.0	8.0	WNW	0.0
3/3/2023 9:30	49.0	3.0	7.0	NW	0.0
3/3/2023 9:35	49.0	3.0	8.0	WNW	0.0
3/3/2023 9:40	50.0	3.0	7.0	NW	0.0
3/3/2023 9:45	50.0	3.0	8.0	WNW	0.0
3/3/2023 9:50	50.0	4.0	8.0	WNW	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/3/2023 9:55	50.0	4.0	7.0	WNW	0.0
3/3/2023 10:00	50.0	4.0	9.0	NW	0.0
3/3/2023 10:05	50.0	4.0	9.0	NW	0.0
3/3/2023 10:10	51.0	4.0	8.0	NW	0.0
3/3/2023 10:15	51.0	4.0	8.0	NW	0.0
3/3/2023 10:20	51.0	4.0	8.0	NW	0.0
3/3/2023 10:25	51.0	3.0	7.0	NW	0.0
3/3/2023 10:30	52.0	3.0	8.0	N	0.0
3/3/2023 10:35	52.0	4.0	8.0	N	0.0
3/3/2023 10:40	52.0	4.0	8.0	NNW	0.0
3/3/2023 10:45	52.0	4.0	9.0	NNW	0.0
3/3/2023 10:50	52.0	4.0	9.0	NW	0.0
3/3/2023 10:55	52.0	4.0	9.0	NW	0.0
3/3/2023 11:00	52.0	5.0	9.0	NW	0.0
3/3/2023 11:05	52.0	4.0	7.0	WNW	0.0
3/3/2023 11:10	52.0	4.0	9.0	NW	0.0
3/3/2023 11:15	52.0	3.0	7.0	NW	0.0
3/3/2023 11:20	52.0	3.0	5.0	N	0.0
3/3/2023 11:25	52.0	3.0	7.0	NNE	0.0
3/3/2023 11:30	52.0	3.0	6.0	N	0.0
3/3/2023 11:35	52.0	3.0	7.0	N	0.0
3/3/2023 11:40	52.0	2.0	6.0	NNE	0.0
3/3/2023 11:45	53.0	3.0	6.0	N	0.0
3/3/2023 11:50	53.0	2.0	5.0	N	0.0
3/3/2023 11:55	53.0	2.0	4.0	N	0.0
3/3/2023 12:00	53.0	2.0	6.0	NNE	0.0
3/3/2023 12:05	53.0	2.0	6.0	NE	0.0
3/3/2023 12:10	53.0	3.0	7.0	NE	0.0
3/3/2023 12:15	53.0	4.0	9.0	E	0.0
3/3/2023 12:20	52.0	5.0	8.0	E	0.0
3/3/2023 12:25	52.0	4.0	8.0	E	0.0
3/3/2023 12:30	52.0	5.0	10.0	ENE	0.0
3/3/2023 12:35	52.0	6.0	11.0	ENE	0.0
3/3/2023 12:40	51.0	6.0	10.0	E	0.0
3/3/2023 12:45	52.0	5.0	10.0	ENE	0.0
3/3/2023 12:50	51.0	5.0	9.0	NE	0.0
3/3/2023 12:55	51.0	6.0	10.0	NE	0.0
3/3/2023 13:00	51.0	4.0	8.0	E	0.0
3/3/2023 13:05	52.0	5.0	9.0	E	0.0
3/3/2023 13:10	51.0	6.0	10.0	ESE	0.0
3/3/2023 13:15	51.0	6.0	10.0	ESE	0.0
3/3/2023 13:20	51.0	6.0	10.0	ESE	0.0
3/3/2023 13:25	51.0	5.0	10.0	ESE	0.0
3/3/2023 13:30	52.0	5.0	9.0	ESE	0.0
3/3/2023 13:35	52.0	4.0	7.0	ESE	0.0
3/3/2023 13:40	52.0	2.0	5.0	ENE	0.0
3/3/2023 13:45	53.0	2.0	5.0	ENE	0.0
3/3/2023 13:50	53.0	2.0	7.0	ESE	0.0
3/3/2023 13:55	54.0	3.0	9.0	ESE	0.0
3/3/2023 14:00	54.0	4.0	10.0	ESE	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/3/2023 14:05	54.0	5.0	10.0	E	0.0
3/3/2023 14:10	54.0	6.0	10.0	E	0.0
3/3/2023 14:15	54.0	7.0	10.0	ESE	0.0
3/3/2023 14:20	54.0	7.0	11.0	ESE	0.0
3/3/2023 14:25	54.0	7.0	13.0	E	0.0
3/3/2023 14:30	54.0	8.0	12.0	ESE	0.0
3/3/2023 14:35	53.0	8.0	13.0	ESE	0.0
3/3/2023 14:40	54.0	8.0	12.0	ESE	0.0
3/3/2023 14:45	54.0	5.0	10.0	ESE	0.0
3/3/2023 14:50	54.0	6.0	10.0	ESE	0.0
3/3/2023 14:55	55.0	5.0	11.0	ESE	0.0
3/3/2023 15:00	55.0	7.0	11.0	ESE	0.0
3/3/2023 15:05	55.0	6.0	11.0	ESE	0.0
3/3/2023 15:10	55.0	8.0	12.0	ESE	0.0
3/3/2023 15:15	55.0	9.0	14.0	ESE	0.0
3/3/2023 15:20	55.0	9.0	15.0	ESE	0.0
3/3/2023 15:25	55.0	7.0	11.0	ESE	0.0
3/3/2023 15:30	55.0	7.0	11.0	ESE	0.0
3/3/2023 15:35	55.0	6.0	10.0	ESE	0.0
3/3/2023 15:40	55.0	7.0	10.0	E	0.0
3/3/2023 15:45	55.0	9.0	14.0	E	0.0
3/3/2023 15:50	54.0	10.0	14.0	E	0.0
3/3/2023 15:55	54.0	11.0	16.0	ESE	0.0
3/3/2023 16:00	54.0	12.0	18.0	ESE	0.0
3/3/2023 16:05	53.0	13.0	20.0	ESE	0.0
3/3/2023 16:10	52.0	14.0	21.0	E	0.0
3/3/2023 16:15	52.0	13.0	21.0	ESE	0.0
3/3/2023 16:20	52.0	14.0	22.0	E	0.0
3/3/2023 16:25	51.0	14.0	22.0	E	0.0
3/3/2023 16:30	51.0	14.0	20.0	ESE	0.0
3/3/2023 16:35	51.0	12.0	18.0	ESE	0.0
3/3/2023 16:40	51.0	13.0	21.0	E	0.0
3/3/2023 16:45	51.0	10.0	18.0	E	0.0
3/3/2023 16:50	51.0	11.0	18.0	E	0.0
3/3/2023 16:55	51.0	8.0	14.0	E	0.0
3/3/2023 17:00	51.0	11.0	17.0	E	0.0
3/3/2023 17:05	51.0	10.0	17.0	E	0.0
3/3/2023 17:10	51.0	11.0	18.0	E	0.0
3/3/2023 17:15	50.0	9.0	16.0	E	0.0
3/3/2023 17:20	50.0	9.0	14.0	E	0.0
3/3/2023 17:25	50.0	9.0	16.0	E	0.0
3/3/2023 17:30	50.0	8.0	13.0	E	0.0
3/3/2023 17:35	50.0	9.0	15.0	E	0.0
3/3/2023 17:40	50.0	8.0	14.0	E	0.0
3/3/2023 17:45	50.0	8.0	14.0	E	0.0
3/3/2023 17:50	50.0	7.0	14.0	E	0.0
3/3/2023 17:55	50.0	8.0	14.0	E	0.0
3/3/2023 18:00	50.0	9.0	14.0	E	0.0
3/3/2023 18:05	49.0	9.0	14.0	E	0.0
3/3/2023 18:10	49.0	8.0	14.0	E	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/3/2023 18:15	49.0	6.0	11.0	E	0.0
3/3/2023 18:20	49.0	7.0	14.0	E	0.0
3/3/2023 18:25	49.0	8.0	14.0	E	0.0
3/3/2023 18:30	49.0	8.0	13.0	E	0.0
3/17/2023 6:00	44.0	0.0	2.0	0	0.0
3/17/2023 6:05	44.0	1.0	2.0	SSW	0.0
3/17/2023 6:10	44.0	1.0	3.0	SW	0.0
3/17/2023 6:15	44.0	0.0	1.0	0	0.0
3/17/2023 6:20	44.0	0.0	1.0	0	0.0
3/17/2023 6:25	44.0	0.0	1.0	0	0.0
3/17/2023 6:30	44.0	0.0	0.0	0	0.0
3/17/2023 6:35	44.0	0.0	2.0	0	0.0
3/17/2023 6:40	44.0	0.0	0.0	0	0.0
3/17/2023 6:45	44.0	0.0	0.0	0	0.0
3/17/2023 6:50	44.0	0.0	2.0	0	0.0
3/17/2023 6:55	44.0	0.0	1.0	0	0.0
3/17/2023 7:00	44.0	0.0	1.0	0	0.0
3/17/2023 7:05	44.0	1.0	3.0	WSW	0.0
3/17/2023 7:10	44.0	0.0	0.0	0	0.0
3/17/2023 7:15	44.0	0.0	0.0	0	0.0
3/17/2023 7:20	44.0	0.0	2.0	0	0.0
3/17/2023 7:25	44.0	0.0	0.0	0	0.0
3/17/2023 7:30	44.0	0.0	0.0	0	0.0
3/17/2023 7:35	44.0	0.0	0.0	0	0.0
3/17/2023 7:40	45.0	0.0	0.0	0	0.0
3/17/2023 7:45	45.0	0.0	0.0	0	0.0
3/17/2023 7:50	45.0	0.0	0.0	0	0.0
3/17/2023 7:55	45.0	0.0	0.0	0	0.0
3/17/2023 8:00	45.0	0.0	1.0	0	0.0
3/17/2023 8:05	46.0	0.0	0.0	0	0.0
3/17/2023 8:10	46.0	1.0	3.0	W	0.0
3/17/2023 8:15	46.0	2.0	3.0	WNW	0.0
3/17/2023 8:20	46.0	2.0	3.0	WNW	0.0
3/17/2023 8:25	47.0	2.0	4.0	WSW	0.0
3/17/2023 8:30	47.0	1.0	3.0	WNW	0.0
3/17/2023 8:35	48.0	0.0	0.0	0	0.0
3/17/2023 8:40	48.0	1.0	2.0	WSW	0.0
3/17/2023 8:45	49.0	0.0	2.0	0	0.0
3/17/2023 8:50	49.0	2.0	3.0	WNW	0.0
3/17/2023 8:55	50.0	2.0	3.0	WNW	0.0
3/17/2023 9:00	50.0	1.0	3.0	WNW	0.0
3/17/2023 9:05	50.0	2.0	3.0	NW	0.0
3/17/2023 9:10	51.0	1.0	3.0	W	0.0
3/17/2023 9:15	51.0	1.0	3.0	WNW	0.0
3/17/2023 9:20	52.0	1.0	3.0	WNW	0.0
3/17/2023 9:25	52.0	1.0	3.0	WNW	0.0
3/17/2023 9:30	52.0	1.0	3.0	W	0.0
3/17/2023 9:35	53.0	1.0	3.0	NW	0.0
3/17/2023 9:40	53.0	1.0	4.0	NW	0.0
3/17/2023 9:45	53.0	1.0	3.0	NNE	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/17/2023 9:50	53.0	2.0	3.0	ENE	0.0
3/17/2023 9:55	53.0	0.0	2.0	0	0.0
3/17/2023 10:00	53.0	1.0	3.0	S	0.0
3/17/2023 10:05	54.0	1.0	2.0	S	0.0
3/17/2023 10:10	54.0	1.0	2.0	S	0.0
3/17/2023 10:15	54.0	0.0	2.0	0	0.0
3/17/2023 10:20	55.0	1.0	3.0	ESE	0.0
3/17/2023 10:25	55.0	1.0	3.0	SE	0.0
3/17/2023 10:30	54.0	2.0	4.0	NNE	0.0
3/17/2023 10:35	54.0	1.0	4.0	N	0.0
3/17/2023 10:40	55.0	2.0	5.0	N	0.0
3/17/2023 10:45	55.0	3.0	7.0	NE	0.0
3/17/2023 10:50	54.0	1.0	4.0	N	0.0
3/17/2023 10:55	54.0	3.0	7.0	ENE	0.0
3/17/2023 11:00	54.0	2.0	4.0	NNE	0.0
3/17/2023 11:05	54.0	3.0	8.0	ENE	0.0
3/17/2023 11:10	54.0	3.0	8.0	NNE	0.0
3/17/2023 11:15	54.0	4.0	8.0	ENE	0.0
3/17/2023 11:20	54.0	4.0	8.0	ENE	0.0
3/17/2023 11:25	54.0	2.0	6.0	ENE	0.0
3/17/2023 11:30	54.0	3.0	6.0	NNE	0.0
3/17/2023 11:35	55.0	2.0	6.0	NE	0.0
3/17/2023 11:40	55.0	2.0	7.0	NNE	0.0
3/17/2023 11:45	55.0	2.0	5.0	NE	0.0
3/17/2023 11:50	55.0	2.0	4.0	E	0.0
3/17/2023 11:55	55.0	2.0	6.0	ESE	0.0
3/17/2023 12:00	55.0	2.0	4.0	ESE	0.0
3/17/2023 12:05	56.0	0.0	2.0	0	0.0
3/17/2023 12:10	56.0	1.0	3.0	SSE	0.0
3/17/2023 12:15	57.0	1.0	3.0	SSW	0.0
3/17/2023 12:20	58.0	1.0	3.0	WNW	0.0
3/17/2023 12:25	59.0	1.0	4.0	WSW	0.0
3/17/2023 12:30	59.0	1.0	3.0	ENE	0.0
3/17/2023 12:35	60.0	2.0	7.0	ENE	0.0
3/17/2023 12:40	60.0	5.0	10.0	ENE	0.0
3/17/2023 12:45	58.0	4.0	7.0	E	0.0
3/17/2023 12:50	58.0	5.0	10.0	ENE	0.0
3/17/2023 12:55	57.0	5.0	9.0	E	0.0
3/17/2023 13:00	57.0	6.0	10.0	ENE	0.0
3/17/2023 13:05	57.0	6.0	11.0	ESE	0.0
3/17/2023 13:10	57.0	8.0	12.0	E	0.0
3/17/2023 13:15	57.0	7.0	11.0	E	0.0
3/17/2023 13:20	56.0	8.0	13.0	E	0.0
3/17/2023 13:25	56.0	8.0	13.0	E	0.0
3/17/2023 13:30	56.0	11.0	14.0	E	0.0
3/17/2023 13:35	56.0	8.0	14.0	ENE	0.0
3/17/2023 13:40	56.0	8.0	14.0	ENE	0.0
3/17/2023 13:45	56.0	8.0	13.0	ENE	0.0
3/17/2023 13:50	56.0	9.0	13.0	E	0.0
3/17/2023 13:55	56.0	7.0	11.0	ESE	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/17/2023 14:00	57.0	6.0	11.0	E	0.0
3/17/2023 14:05	57.0	7.0	12.0	ESE	0.0
3/17/2023 14:10	57.0	7.0	11.0	E	0.0
3/17/2023 14:15	57.0	7.0	10.0	ESE	0.0
3/17/2023 14:20	58.0	4.0	9.0	ESE	0.0
3/17/2023 14:25	58.0	3.0	8.0	SSE	0.0
3/17/2023 14:30	59.0	3.0	8.0	ESE	0.0
3/17/2023 14:35	59.0	2.0	7.0	ESE	0.0
3/17/2023 14:40	59.0	2.0	5.0	SSE	0.0
3/17/2023 14:45	60.0	3.0	8.0	SE	0.0
3/17/2023 14:50	60.0	6.0	10.0	E	0.0
3/17/2023 14:55	60.0	6.0	12.0	E	0.0
3/17/2023 15:00	61.0	5.0	9.0	E	0.0
3/17/2023 15:05	61.0	5.0	9.0	ENE	0.0
3/17/2023 15:10	61.0	5.0	9.0	ESE	0.0
3/17/2023 15:15	61.0	4.0	8.0	ENE	0.0
3/17/2023 15:20	62.0	6.0	9.0	ENE	0.0
3/17/2023 15:25	62.0	5.0	10.0	ENE	0.0
3/17/2023 15:30	62.0	4.0	8.0	ESE	0.0
3/17/2023 15:35	62.0	6.0	10.0	ENE	0.0
3/17/2023 15:40	62.0	9.0	11.0	E	0.0
3/17/2023 15:45	61.0	6.0	11.0	E	0.0
3/17/2023 15:50	61.0	7.0	11.0	E	0.0
3/17/2023 15:55	61.0	6.0	9.0	ESE	0.0
3/17/2023 16:00	61.0	5.0	8.0	ESE	0.0
3/17/2023 16:05	62.0	7.0	11.0	E	0.0
3/17/2023 16:10	62.0	8.0	12.0	E	0.0
3/17/2023 16:15	62.0	8.0	13.0	E	0.0
3/17/2023 16:20	62.0	8.0	13.0	E	0.0
3/17/2023 16:25	62.0	9.0	13.0	E	0.0
3/17/2023 16:30	62.0	8.0	12.0	E	0.0
3/17/2023 16:35	62.0	9.0	12.0	E	0.0
3/17/2023 16:40	62.0	8.0	13.0	ESE	0.0
3/17/2023 16:45	61.0	9.0	13.0	ESE	0.0
3/17/2023 16:50	61.0	7.0	11.0	ESE	0.0
3/17/2023 16:55	62.0	8.0	11.0	ESE	0.0
3/17/2023 17:00	62.0	6.0	10.0	ESE	0.0
3/17/2023 17:05	62.0	8.0	11.0	ESE	0.0
3/17/2023 17:10	62.0	8.0	10.0	ESE	0.0
3/17/2023 17:15	62.0	7.0	11.0	ESE	0.0
3/17/2023 17:20	63.0	9.0	12.0	ESE	0.0
3/17/2023 17:25	63.0	8.0	11.0	ESE	0.0
3/17/2023 17:30	63.0	9.0	16.0	ESE	0.0
3/17/2023 17:35	63.0	12.0	18.0	ESE	0.0
3/17/2023 17:40	60.0	12.0	20.0	ESE	0.0
3/17/2023 17:45	59.0	14.0	21.0	ESE	0.0
3/17/2023 17:50	58.0	14.0	21.0	ESE	0.0
3/17/2023 17:55	58.0	13.0	19.0	ESE	0.0
3/17/2023 18:00	57.0	11.0	15.0	ESE	0.0
3/17/2023 18:05	57.0	10.0	15.0	E	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/17/2023 18:10	57.0	10.0	15.0	E	0.0
3/17/2023 18:15	57.0	10.0	14.0	E	0.0
3/17/2023 18:20	57.0	8.0	14.0	E	0.0
3/17/2023 18:25	57.0	7.0	10.0	ESE	0.0
3/17/2023 18:30	57.0	5.0	13.0	E	0.0
3/18/2023 6:00	46.0	1.0	2.0	SW	0.0
3/18/2023 6:05	46.0	0.0	1.0	0	0.0
3/18/2023 6:10	46.0	0.0	2.0	0	0.0
3/18/2023 6:15	46.0	0.0	1.0	0	0.0
3/18/2023 6:20	46.0	0.0	0.0	0	0.0
3/18/2023 6:25	46.0	0.0	2.0	0	0.0
3/18/2023 6:30	46.0	0.0	1.0	0	0.0
3/18/2023 6:35	45.0	0.0	0.0	0	0.0
3/18/2023 6:40	45.0	0.0	0.0	0	0.0
3/18/2023 6:45	45.0	0.0	0.0	0	0.0
3/18/2023 6:50	45.0	0.0	0.0	0	0.0
3/18/2023 6:55	45.0	0.0	0.0	0	0.0
3/18/2023 7:00	45.0	0.0	0.0	0	0.0
3/18/2023 7:05	45.0	0.0	0.0	0	0.0
3/18/2023 7:10	45.0	0.0	0.0	0	0.0
3/18/2023 7:15	45.0	0.0	0.0	0	0.0
3/18/2023 7:20	45.0	0.0	0.0	0	0.0
3/18/2023 7:25	46.0	0.0	0.0	0	0.0
3/18/2023 7:30	45.0	0.0	0.0	0	0.0
3/18/2023 7:35	45.0	0.0	0.0	0	0.0
3/18/2023 7:40	46.0	0.0	0.0	0	0.0
3/18/2023 7:45	46.0	0.0	0.0	0	0.0
3/18/2023 7:50	46.0	0.0	0.0	0	0.0
3/18/2023 7:55	46.0	0.0	0.0	0	0.0
3/18/2023 8:00	47.0	0.0	0.0	0	0.0
3/18/2023 8:05	48.0	0.0	0.0	0	0.0
3/18/2023 8:10	48.0	1.0	3.0	WNW	0.0
3/18/2023 8:15	49.0	0.0	2.0	0	0.0
3/18/2023 8:20	50.0	1.0	2.0	WNW	0.0
3/18/2023 8:25	50.0	2.0	5.0	WSW	0.0
3/18/2023 8:30	51.0	1.0	3.0	W	0.0
3/18/2023 8:35	51.0	2.0	3.0	WSW	0.0
3/18/2023 8:40	51.0	1.0	4.0	WSW	0.0
3/18/2023 8:45	52.0	2.0	4.0	W	0.0
3/18/2023 8:50	52.0	2.0	4.0	W	0.0
3/18/2023 8:55	53.0	1.0	2.0	WSW	0.0
3/18/2023 9:00	53.0	2.0	3.0	WNW	0.0
3/18/2023 9:05	53.0	2.0	4.0	W	0.0
3/18/2023 9:10	54.0	2.0	3.0	WNW	0.0
3/18/2023 9:15	54.0	1.0	2.0	WNW	0.0
3/18/2023 9:20	55.0	1.0	3.0	NNW	0.0
3/18/2023 9:25	55.0	2.0	4.0	NNE	0.0
3/18/2023 9:30	55.0	2.0	4.0	NNE	0.0
3/18/2023 9:35	55.0	2.0	4.0	NNE	0.0
3/18/2023 9:40	56.0	2.0	4.0	N	0.0



Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/18/2023 9:45	56.0	1.0	3.0	NNW	0.0
3/18/2023 9:50	56.0	1.0	3.0	NW	0.0
3/18/2023 9:55	57.0	1.0	3.0	WNW	0.0
3/18/2023 10:00	57.0	0.0	2.0	0	0.0
3/18/2023 10:05	57.0	1.0	3.0	WNW	0.0
3/18/2023 10:10	57.0	1.0	2.0	WNW	0.0
3/18/2023 10:15	58.0	0.0	2.0	0	0.0
3/18/2023 10:20	58.0	1.0	3.0	SW	0.0
3/18/2023 10:25	59.0	0.0	3.0	0	0.0
3/18/2023 10:30	59.0	1.0	3.0	WSW	0.0
3/18/2023 10:35	59.0	0.0	3.0	0	0.0
3/18/2023 10:40	60.0	1.0	3.0	S	0.0
3/18/2023 10:45	60.0	0.0	3.0	0	0.0
3/18/2023 10:50	60.0	1.0	3.0	ESE	0.0
3/18/2023 10:55	61.0	2.0	4.0	ENE	0.0
3/18/2023 11:00	61.0	2.0	4.0	ESE	0.0
3/18/2023 11:05	61.0	1.0	3.0	E	0.0
3/18/2023 11:10	61.0	2.0	3.0	NE	0.0
3/18/2023 11:15	61.0	2.0	4.0	NE	0.0
3/18/2023 11:20	61.0	1.0	3.0	ENE	0.0
3/18/2023 11:25	61.0	3.0	4.0	ESE	0.0
3/18/2023 11:30	61.0	1.0	4.0	ENE	0.0
3/18/2023 11:35	61.0	1.0	6.0	ESE	0.0
3/18/2023 11:40	61.0	2.0	3.0	ESE	0.0
3/18/2023 11:45	62.0	2.0	4.0	SE	0.0
3/18/2023 11:50	62.0	3.0	5.0	ESE	0.0
3/18/2023 11:55	61.0	2.0	4.0	SE	0.0
3/18/2023 12:00	61.0	3.0	7.0	E	0.0
3/18/2023 12:05	61.0	5.0	8.0	E	0.0
3/18/2023 12:10	61.0	7.0	11.0	E	0.0
3/18/2023 12:15	60.0	8.0	11.0	E	0.0
3/18/2023 12:20	59.0	6.0	10.0	E	0.0
3/18/2023 12:25	58.0	6.0	10.0	E	0.0
3/18/2023 12:30	57.0	7.0	12.0	E	0.0
3/18/2023 12:35	57.0	9.0	13.0	E	0.0
3/18/2023 12:40	56.0	9.0	12.0	E	0.0
3/18/2023 12:45	57.0	8.0	12.0	ESE	0.0
3/18/2023 12:50	57.0	7.0	11.0	ESE	0.0
3/18/2023 12:55	57.0	8.0	11.0	ESE	0.0
3/18/2023 13:00	57.0	7.0	11.0	ESE	0.0
3/18/2023 13:05	58.0	6.0	10.0	ESE	0.0
3/18/2023 13:10	58.0	6.0	11.0	ESE	0.0
3/18/2023 13:15	58.0	4.0	10.0	SSE	0.0
3/18/2023 13:20	58.0	5.0	10.0	ESE	0.0
3/18/2023 13:25	59.0	2.0	10.0	S	0.0
3/18/2023 13:30	59.0	2.0	4.0	SE	0.0
3/18/2023 13:35	60.0	2.0	5.0	SE	0.0
3/18/2023 13:40	60.0	2.0	5.0	SSE	0.0
3/18/2023 13:45	61.0	1.0	4.0	SSE	0.0
3/18/2023 13:50	62.0	1.0	3.0	ESE	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/18/2023 13:55	62.0	2.0	5.0	SE	0.0
3/18/2023 14:00	63.0	3.0	5.0	ESE	0.0
3/18/2023 14:05	63.0	3.0	6.0	ESE	0.0
3/18/2023 14:10	63.0	3.0	6.0	E	0.0
3/18/2023 14:15	63.0	3.0	6.0	E	0.0
3/18/2023 14:20	63.0	3.0	6.0	ESE	0.0
3/18/2023 14:25	63.0	3.0	7.0	E	0.0
3/18/2023 14:30	63.0	4.0	7.0	ESE	0.0
3/18/2023 14:35	63.0	4.0	7.0	ESE	0.0
3/18/2023 14:40	63.0	3.0	6.0	SE	0.0
3/18/2023 14:45	64.0	4.0	6.0	ESE	0.0
3/18/2023 14:50	64.0	2.0	5.0	ENE	0.0
3/18/2023 14:55	64.0	5.0	8.0	ENE	0.0
3/18/2023 15:00	63.0	3.0	6.0	ESE	0.0
3/18/2023 15:05	63.0	3.0	6.0	ESE	0.0
3/18/2023 15:10	63.0	3.0	6.0	ESE	0.0
3/18/2023 15:15	63.0	3.0	5.0	ENE	0.0
3/18/2023 15:20	64.0	3.0	7.0	ENE	0.0
3/18/2023 15:25	64.0	4.0	6.0	E	0.0
3/18/2023 15:30	63.0	3.0	6.0	ESE	0.0
3/18/2023 15:35	64.0	5.0	8.0	E	0.0
3/18/2023 15:40	64.0	4.0	7.0	ESE	0.0
3/18/2023 15:45	63.0	4.0	9.0	E	0.0
3/18/2023 15:50	63.0	6.0	9.0	E	0.0
3/18/2023 15:55	62.0	6.0	9.0	ESE	0.0
3/18/2023 16:00	62.0	6.0	8.0	ESE	0.0
3/18/2023 16:05	61.0	4.0	7.0	ESE	0.0
3/18/2023 16:10	61.0	6.0	10.0	E	0.0
3/18/2023 16:15	61.0	5.0	9.0	ESE	0.0
3/18/2023 16:20	61.0	6.0	9.0	ESE	0.0
3/18/2023 16:25	61.0	2.0	6.0	E	0.0
3/18/2023 16:30	62.0	2.0	4.0	ESE	0.0
3/18/2023 16:35	62.0	2.0	4.0	ESE	0.0
3/18/2023 16:40	63.0	1.0	4.0	ESE	0.0
3/18/2023 16:45	63.0	2.0	3.0	ESE	0.0
3/18/2023 16:50	64.0	2.0	6.0	E	0.0
3/18/2023 16:55	64.0	3.0	4.0	ENE	0.0
3/18/2023 17:00	64.0	3.0	7.0	E	0.0
3/18/2023 17:05	64.0	2.0	6.0	ENE	0.0
3/18/2023 17:10	64.0	3.0	4.0	E	0.0
3/18/2023 17:15	64.0	2.0	4.0	E	0.0
3/18/2023 17:20	64.0	1.0	3.0	ENE	0.0
3/18/2023 17:25	64.0	1.0	3.0	ENE	0.0
3/18/2023 17:30	64.0	2.0	5.0	ENE	0.0
3/18/2023 17:35	64.0	3.0	4.0	ENE	0.0
3/18/2023 17:40	64.0	3.0	4.0	E	0.0
3/18/2023 17:45	64.0	3.0	6.0	E	0.0
3/18/2023 17:50	64.0	3.0	6.0	E	0.0
3/18/2023 17:55	63.0	1.0	3.0	E	0.0
3/18/2023 18:00	63.0	1.0	4.0	E	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/18/2023 18:05	63.0	3.0	7.0	E	0.0
3/18/2023 18:10	63.0	2.0	5.0	E	0.0
3/18/2023 18:15	63.0	4.0	8.0	ENE	0.0
3/18/2023 18:20	62.0	4.0	8.0	E	0.0
3/18/2023 18:25	62.0	5.0	10.0	ENE	0.0
3/18/2023 18:30	62.0	7.0	11.0	E	0.0
3/24/2023 6:00	44.0	5.0	8.0	ESE	0.0
3/24/2023 6:05	44.0	4.0	7.0	ESE	0.0
3/24/2023 6:10	44.0	5.0	8.0	ESE	0.0
3/24/2023 6:15	44.0	4.0	8.0	ESE	0.0
3/24/2023 6:20	44.0	2.0	4.0	ESE	0.0
3/24/2023 6:25	44.0	3.0	6.0	SE	0.0
3/24/2023 6:30	44.0	1.0	4.0	SSE	0.0
3/24/2023 6:35	44.0	2.0	5.0	SE	0.0
3/24/2023 6:40	44.0	2.0	5.0	S	0.0
3/24/2023 6:45	44.0	2.0	5.0	SSW	0.0
3/24/2023 6:50	44.0	0.0	2.0	0	0.0
3/24/2023 6:55	44.0	1.0	3.0	SSW	0.0
3/24/2023 7:00	44.0	1.0	4.0	S	0.0
3/24/2023 7:05	44.0	1.0	4.0	SSE	0.0
3/24/2023 7:10	44.0	2.0	4.0	SSE	0.0
3/24/2023 7:15	44.0	3.0	8.0	S	0.0
3/24/2023 7:20	44.0	2.0	5.0	SSE	0.0
3/24/2023 7:25	44.0	1.0	5.0	SE	0.0
3/24/2023 7:30	44.0	2.0	5.0	SSE	0.0
3/24/2023 7:35	44.0	2.0	7.0	SE	0.0
3/24/2023 7:40	44.0	0.0	3.0	0	0.0
3/24/2023 7:45	44.0	1.0	4.0	S	0.0
3/24/2023 7:50	44.0	0.0	3.0	0	0.0
3/24/2023 7:55	45.0	1.0	3.0	SE	0.0
3/24/2023 8:00	45.0	1.0	3.0	S	0.0
3/24/2023 8:05	45.0	2.0	5.0	S	0.0
3/24/2023 8:10	45.0	2.0	5.0	S	0.0
3/24/2023 8:15	45.0	1.0	4.0	SE	0.0
3/24/2023 8:20	45.0	3.0	6.0	SE	0.0
3/24/2023 8:25	46.0	3.0	8.0	SSE	0.0
3/24/2023 8:30	46.0	4.0	10.0	SE	0.0
3/24/2023 8:35	46.0	4.0	9.0	SE	0.0
3/24/2023 8:40	46.0	5.0	10.0	SE	0.0
3/24/2023 8:45	46.0	5.0	12.0	SSE	0.0
3/24/2023 8:50	46.0	4.0	11.0	SSE	0.0
3/24/2023 8:55	47.0	5.0	10.0	SSE	0.0
3/24/2023 9:00	47.0	6.0	14.0	SSE	0.0
3/24/2023 9:05	47.0	5.0	11.0	ESE	0.0
3/24/2023 9:10	47.0	6.0	14.0	ESE	0.0
3/24/2023 9:15	47.0	8.0	15.0	ESE	0.0
3/24/2023 9:20	47.0	5.0	10.0	SSE	0.0
3/24/2023 9:25	48.0	6.0	14.0	ESE	0.0
3/24/2023 9:30	48.0	7.0	16.0	SSE	0.0
3/24/2023 9:35	48.0	8.0	15.0	SE	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/24/2023 9:40	48.0	9.0	17.0	ESE	0.0
3/24/2023 9:45	48.0	7.0	14.0	ESE	0.0
3/24/2023 9:50	48.0	9.0	17.0	ESE	0.0
3/24/2023 9:55	48.0	8.0	14.0	SE	0.0
3/24/2023 10:00	49.0	6.0	12.0	SSE	0.0
3/24/2023 10:05	49.0	6.0	13.0	SSE	0.0
3/24/2023 10:10	49.0	7.0	16.0	SE	0.0
3/24/2023 10:15	50.0	7.0	14.0	SSE	0.0
3/24/2023 10:20	50.0	6.0	11.0	SSE	0.0
3/24/2023 10:25	50.0	7.0	14.0	SSE	0.0
3/24/2023 10:30	50.0	7.0	13.0	ESE	0.0
3/24/2023 10:35	50.0	6.0	11.0	ESE	0.0
3/24/2023 10:40	50.0	8.0	15.0	ESE	0.0
3/24/2023 10:45	50.0	9.0	17.0	ESE	0.0
3/24/2023 10:50	50.0	6.0	13.0	ESE	0.0
3/24/2023 10:55	50.0	9.0	14.0	ESE	0.0
3/24/2023 11:00	50.0	10.0	16.0	ESE	0.0
3/24/2023 11:05	50.0	7.0	16.0	ESE	0.0
3/24/2023 11:10	50.0	7.0	16.0	ESE	0.0
3/24/2023 11:15	51.0	7.0	15.0	ESE	0.0
3/24/2023 11:20	51.0	10.0	17.0	ESE	0.0
3/24/2023 11:25	51.0	9.0	15.0	ESE	0.0
3/24/2023 11:30	51.0	10.0	15.0	ESE	0.0
3/24/2023 11:35	51.0	10.0	17.0	ESE	0.0
3/24/2023 11:40	51.0	11.0	18.0	ESE	0.0
3/24/2023 11:45	51.0	11.0	17.0	ESE	0.0
3/24/2023 11:50	51.0	11.0	18.0	ESE	0.0
3/24/2023 11:55	51.0	12.0	19.0	ESE	0.0
3/24/2023 12:00	51.0	12.0	18.0	ESE	0.0
3/24/2023 12:05	51.0	11.0	16.0	ESE	0.0
3/24/2023 12:10	52.0	12.0	18.0	ESE	0.0
3/24/2023 12:15	52.0	11.0	18.0	ESE	0.0
3/24/2023 12:20	52.0	11.0	16.0	ESE	0.0
3/24/2023 12:25	52.0	12.0	17.0	ESE	0.0
3/24/2023 12:30	52.0	11.0	17.0	ESE	0.0
3/24/2023 12:35	52.0	11.0	16.0	ESE	0.0
3/24/2023 12:40	52.0	11.0	17.0	ESE	0.0
3/24/2023 12:45	52.0	13.0	17.0	ESE	0.0
3/24/2023 12:50	52.0	11.0	16.0	ESE	0.0
3/24/2023 12:55	52.0	12.0	17.0	ESE	0.0
3/24/2023 13:00	53.0	11.0	17.0	E	0.0
3/24/2023 13:05	52.0	11.0	17.0	ESE	0.0
3/24/2023 13:10	53.0	11.0	17.0	ESE	0.0
3/24/2023 13:15	53.0	10.0	18.0	E	0.0
3/24/2023 13:20	53.0	11.0	15.0	ESE	0.0
3/24/2023 13:25	53.0	12.0	19.0	E	0.0
3/24/2023 13:30	53.0	13.0	18.0	ESE	0.0
3/24/2023 13:35	53.0	14.0	19.0	ESE	0.0
3/24/2023 13:40	53.0	15.0	21.0	ESE	0.0
3/24/2023 13:45	54.0	11.0	20.0	E	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/24/2023 13:50	54.0	14.0	19.0	ESE	0.0
3/24/2023 13:55	54.0	12.0	17.0	ESE	0.0
3/24/2023 14:00	54.0	11.0	17.0	ESE	0.0
3/24/2023 14:05	54.0	12.0	18.0	ESE	0.0
3/24/2023 14:10	54.0	12.0	17.0	E	0.0
3/24/2023 14:15	54.0	13.0	18.0	E	0.0
3/24/2023 14:20	54.0	14.0	18.0	E	0.0
3/24/2023 14:25	54.0	13.0	18.0	E	0.0
3/24/2023 14:30	54.0	12.0	18.0	E	0.0
3/24/2023 14:35	54.0	12.0	18.0	ESE	0.0
3/24/2023 14:40	55.0	11.0	18.0	E	0.0
3/24/2023 14:45	55.0	12.0	21.0	ESE	0.0
3/24/2023 14:50	55.0	10.0	18.0	E	0.0
3/24/2023 14:55	55.0	11.0	16.0	E	0.0
3/24/2023 15:00	55.0	10.0	17.0	E	0.0
3/24/2023 15:05	55.0	11.0	17.0	ENE	0.0
3/24/2023 15:10	55.0	11.0	18.0	E	0.0
3/24/2023 15:15	55.0	11.0	18.0	E	0.0
3/24/2023 15:20	55.0	9.0	16.0	E	0.0
3/24/2023 15:25	55.0	11.0	17.0	E	0.0
3/24/2023 15:30	55.0	12.0	18.0	E	0.0
3/24/2023 15:35	55.0	12.0	18.0	E	0.0
3/24/2023 15:40	55.0	12.0	17.0	E	0.0
3/24/2023 15:45	56.0	11.0	16.0	E	0.0
3/24/2023 15:50	56.0	10.0	18.0	E	0.0
3/24/2023 15:55	56.0	8.0	16.0	E	0.0
3/24/2023 16:00	56.0	11.0	17.0	ENE	0.0
3/24/2023 16:05	56.0	12.0	18.0	E	0.0
3/24/2023 16:10	56.0	13.0	21.0	E	0.0
3/24/2023 16:15	56.0	13.0	21.0	E	0.0
3/24/2023 16:20	56.0	14.0	24.0	E	0.0
3/24/2023 16:25	56.0	16.0	23.0	E	0.0
3/24/2023 16:30	55.0	16.0	26.0	ESE	0.0
3/24/2023 16:35	55.0	14.0	20.0	E	0.0
3/24/2023 16:40	55.0	18.0	26.0	E	0.0
3/24/2023 16:45	55.0	15.0	24.0	E	0.0
3/24/2023 16:50	55.0	16.0	25.0	E	0.0
3/24/2023 16:55	55.0	17.0	28.0	E	0.0
3/24/2023 17:00	54.0	16.0	26.0	E	0.0
3/24/2023 17:05	54.0	16.0	25.0	E	0.0
3/24/2023 17:10	55.0	15.0	23.0	ESE	0.0
3/24/2023 17:15	55.0	14.0	22.0	E	0.0
3/24/2023 17:20	55.0	16.0	24.0	E	0.0
3/24/2023 17:25	54.0	16.0	26.0	E	0.0
3/24/2023 17:30	54.0	16.0	24.0	E	0.0
3/24/2023 17:35	54.0	16.0	25.0	E	0.0
3/24/2023 17:40	54.0	17.0	26.0	E	0.0
3/24/2023 17:45	54.0	16.0	25.0	ESE	0.0
3/24/2023 17:50	53.0	17.0	26.0	ESE	0.0
3/24/2023 17:55	53.0	17.0	27.0	ESE	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/24/2023 18:00	53.0	16.0	24.0	ESE	0.0
3/24/2023 18:05	53.0	16.0	25.0	ESE	0.0
3/24/2023 18:10	53.0	15.0	27.0	ESE	0.0
3/24/2023 18:15	53.0	16.0	26.0	E	0.0
3/24/2023 18:20	52.0	15.0	23.0	ESE	0.0
3/24/2023 18:25	52.0	14.0	23.0	ESE	0.0
3/24/2023 18:30	52.0	14.0	22.0	ESE	0.0
3/25/2023 6:00	40.0	0.0	1.0	0	0.0
3/25/2023 6:05	40.0	0.0	0.0	0	0.0
3/25/2023 6:10	40.0	0.0	3.0	0	0.0
3/25/2023 6:15	40.0	1.0	3.0	SSW	0.0
3/25/2023 6:20	40.0	1.0	3.0	SSW	0.0
3/25/2023 6:25	40.0	0.0	0.0	0	0.0
3/25/2023 6:30	40.0	0.0	2.0	0	0.0
3/25/2023 6:35	40.0	0.0	2.0	0	0.0
3/25/2023 6:40	39.0	0.0	2.0	0	0.0
3/25/2023 6:45	39.0	0.0	2.0	0	0.0
3/25/2023 6:50	39.0	0.0	1.0	0	0.0
3/25/2023 6:55	39.0	0.0	0.0	0	0.0
3/25/2023 7:00	39.0	0.0	0.0	0	0.0
3/25/2023 7:05	39.0	0.0	0.0	0	0.0
3/25/2023 7:10	39.0	0.0	0.0	0	0.0
3/25/2023 7:15	39.0	0.0	0.0	0	0.0
3/25/2023 7:20	39.0	0.0	0.0	0	0.0
3/25/2023 7:25	39.0	0.0	0.0	0	0.0
3/25/2023 7:30	39.0	0.0	0.0	0	0.0
3/25/2023 7:35	39.0	0.0	0.0	0	0.0
3/25/2023 7:40	40.0	0.0	1.0	0	0.0
3/25/2023 7:45	40.0	0.0	2.0	0	0.0
3/25/2023 7:50	41.0	0.0	0.0	0	0.0
3/25/2023 7:55	41.0	0.0	0.0	0	0.0
3/25/2023 8:00	42.0	0.0	0.0	0	0.0
3/25/2023 8:05	42.0	0.0	2.0	0	0.0
3/25/2023 8:10	43.0	0.0	2.0	0	0.0
3/25/2023 8:15	44.0	0.0	1.0	0	0.0
3/25/2023 8:20	44.0	0.0	2.0	0	0.0
3/25/2023 8:25	45.0	0.0	1.0	0	0.0
3/25/2023 8:30	45.0	0.0	0.0	0	0.0
3/25/2023 8:35	46.0	0.0	0.0	0	0.0
3/25/2023 8:40	47.0	0.0	0.0	0	0.0
3/25/2023 8:45	47.0	0.0	0.0	0	0.0
3/25/2023 8:50	47.0	0.0	2.0	0	0.0
3/25/2023 8:55	47.0	0.0	2.0	0	0.0
3/25/2023 9:00	47.0	1.0	4.0	SSW	0.0
3/25/2023 9:05	47.0	2.0	4.0	SE	0.0
3/25/2023 9:10	46.0	1.0	5.0	S	0.0
3/25/2023 9:15	46.0	2.0	4.0	S	0.0
3/25/2023 9:20	46.0	1.0	4.0	SE	0.0
3/25/2023 9:25	46.0	2.0	6.0	S	0.0
3/25/2023 9:30	47.0	4.0	9.0	ESE	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/25/2023 9:35	47.0	3.0	9.0	S	0.0
3/25/2023 9:40	47.0	3.0	8.0	S	0.0
3/25/2023 9:45	48.0	1.0	5.0	SE	0.0
3/25/2023 9:50	48.0	3.0	8.0	ESE	0.0
3/25/2023 9:55	48.0	2.0	6.0	ESE	0.0
3/25/2023 10:00	48.0	3.0	5.0	S	0.0
3/25/2023 10:05	49.0	3.0	5.0	SE	0.0
3/25/2023 10:10	49.0	2.0	7.0	S	0.0
3/25/2023 10:15	50.0	2.0	8.0	S	0.0
3/25/2023 10:20	50.0	4.0	10.0	ESE	0.0
3/25/2023 10:25	50.0	3.0	12.0	SSE	0.0
3/25/2023 10:30	50.0	6.0	12.0	ESE	0.0
3/25/2023 10:35	50.0	4.0	9.0	SE	0.0
3/25/2023 10:40	50.0	6.0	10.0	ESE	0.0
3/25/2023 10:45	50.0	6.0	10.0	ESE	0.0
3/25/2023 10:50	50.0	9.0	12.0	E	0.0
3/25/2023 10:55	50.0	7.0	12.0	E	0.0
3/25/2023 11:00	50.0	8.0	14.0	ESE	0.0
3/25/2023 11:05	50.0	9.0	14.0	E	0.0
3/25/2023 11:10	50.0	7.0	14.0	E	0.0
3/25/2023 11:15	50.0	9.0	14.0	ESE	0.0
3/25/2023 11:20	50.0	10.0	15.0	ESE	0.0
3/25/2023 11:25	50.0	11.0	15.0	E	0.0
3/25/2023 11:30	50.0	9.0	15.0	E	0.0
3/25/2023 11:35	50.0	8.0	15.0	ENE	0.0
3/25/2023 11:40	51.0	11.0	16.0	E	0.0
3/25/2023 11:45	50.0	9.0	14.0	ESE	0.0
3/25/2023 11:50	50.0	10.0	16.0	ESE	0.0
3/25/2023 11:55	51.0	11.0	16.0	E	0.0
3/25/2023 12:00	50.0	10.0	16.0	ESE	0.0
3/25/2023 12:05	51.0	11.0	16.0	E	0.0
3/25/2023 12:10	51.0	11.0	16.0	E	0.0
3/25/2023 12:15	51.0	11.0	19.0	E	0.0
3/25/2023 12:20	51.0	12.0	18.0	E	0.0
3/25/2023 12:25	51.0	11.0	19.0	ESE	0.0
3/25/2023 12:30	51.0	9.0	16.0	E	0.0
3/25/2023 12:35	51.0	10.0	16.0	ESE	0.0
3/25/2023 12:40	52.0	11.0	16.0	ESE	0.0
3/25/2023 12:45	52.0	12.0	17.0	E	0.0
3/25/2023 12:50	52.0	12.0	15.0	ESE	0.0
3/25/2023 12:55	52.0	12.0	17.0	ESE	0.0
3/25/2023 13:00	52.0	12.0	17.0	E	0.0
3/25/2023 13:05	52.0	12.0	16.0	ESE	0.0
3/25/2023 13:10	52.0	12.0	17.0	ESE	0.0
3/25/2023 13:15	52.0	12.0	16.0	ESE	0.0
3/25/2023 13:20	52.0	11.0	18.0	ESE	0.0
3/25/2023 13:25	52.0	11.0	17.0	ESE	0.0
3/25/2023 13:30	53.0	11.0	19.0	E	0.0
3/25/2023 13:35	53.0	12.0	18.0	ESE	0.0
3/25/2023 13:40	53.0	12.0	22.0	ESE	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/25/2023 13:45	53.0	14.0	22.0	ESE	0.0
3/25/2023 13:50	54.0	15.0	23.0	ESE	0.0
3/25/2023 13:55	54.0	15.0	24.0	ESE	0.0
3/25/2023 14:00	54.0	15.0	22.0	ESE	0.0
3/25/2023 14:05	54.0	14.0	21.0	ESE	0.0
3/25/2023 14:10	54.0	15.0	23.0	ESE	0.0
3/25/2023 14:15	54.0	17.0	23.0	ESE	0.0
3/25/2023 14:20	54.0	16.0	22.0	ESE	0.0
3/25/2023 14:25	54.0	15.0	22.0	ESE	0.0
3/25/2023 14:30	54.0	14.0	22.0	E	0.0
3/25/2023 14:35	54.0	16.0	24.0	E	0.0
3/25/2023 14:40	54.0	14.0	23.0	ESE	0.0
3/25/2023 14:45	54.0	15.0	24.0	E	0.0
3/25/2023 14:50	54.0	17.0	22.0	ESE	0.0
3/25/2023 14:55	54.0	14.0	22.0	ESE	0.0
3/25/2023 15:00	54.0	14.0	22.0	E	0.0
3/25/2023 15:05	54.0	14.0	20.0	E	0.0
3/25/2023 15:10	54.0	13.0	22.0	E	0.0
3/25/2023 15:15	54.0	14.0	21.0	E	0.0
3/25/2023 15:20	54.0	15.0	25.0	E	0.0
3/25/2023 15:25	54.0	15.0	25.0	E	0.0
3/25/2023 15:30	54.0	13.0	20.0	E	0.0
3/25/2023 15:35	54.0	13.0	20.0	E	0.0
3/25/2023 15:40	54.0	15.0	23.0	ESE	0.0
3/25/2023 15:45	54.0	15.0	25.0	E	0.0
3/25/2023 15:50	54.0	14.0	23.0	E	0.0
3/25/2023 15:55	54.0	13.0	22.0	ESE	0.0
3/25/2023 16:00	55.0	13.0	23.0	E	0.0
3/25/2023 16:05	55.0	14.0	23.0	ESE	0.0
3/25/2023 16:10	54.0	16.0	27.0	E	0.0
3/25/2023 16:15	54.0	15.0	24.0	E	0.0
3/25/2023 16:20	55.0	14.0	24.0	E	0.0
3/25/2023 16:25	55.0	12.0	24.0	E	0.0
3/25/2023 16:30	55.0	13.0	20.0	E	0.0
3/25/2023 16:35	55.0	12.0	23.0	E	0.0
3/25/2023 16:40	55.0	14.0	22.0	E	0.0
3/25/2023 16:45	55.0	16.0	24.0	E	0.0
3/25/2023 16:50	54.0	15.0	24.0	E	0.0
3/25/2023 16:55	54.0	15.0	21.0	E	0.0
3/25/2023 17:00	54.0	14.0	21.0	ESE	0.0
3/25/2023 17:05	54.0	15.0	23.0	E	0.0
3/25/2023 17:10	54.0	13.0	21.0	E	0.0
3/25/2023 17:15	54.0	14.0	20.0	E	0.0
3/25/2023 17:20	54.0	13.0	19.0	ESE	0.0
3/25/2023 17:25	54.0	15.0	22.0	E	0.0
3/25/2023 17:30	54.0	12.0	20.0	ESE	0.0
3/25/2023 17:35	54.0	14.0	20.0	E	0.0
3/25/2023 17:40	54.0	14.0	21.0	E	0.0
3/25/2023 17:45	54.0	13.0	20.0	ESE	0.0
3/25/2023 17:50	54.0	11.0	17.0	E	0.0



Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/25/2023 17:55	54.0	10.0	18.0	ESE	0.0
3/25/2023 18:00	54.0	11.0	20.0	E	0.0
3/25/2023 18:05	54.0	13.0	21.0	ENE	0.0
3/25/2023 18:10	54.0	11.0	21.0	E	0.0
3/25/2023 18:15	54.0	14.0	22.0	E	0.0
3/25/2023 18:20	54.0	13.0	22.0	E	0.0
3/25/2023 18:25	54.0	13.0	21.0	E	0.0
3/25/2023 18:30	53.0	13.0	19.0	E	0.0
3/27/2023 6:00	38.0	0.0	2.0	0	0.0
3/27/2023 6:05	38.0	1.0	2.0	WSW	0.0
3/27/2023 6:10	38.0	0.0	0.0	0	0.0
3/27/2023 6:15	38.0	0.0	0.0	0	0.0
3/27/2023 6:20	38.0	0.0	1.0	0	0.0
3/27/2023 6:25	38.0	0.0	0.0	0	0.0
3/27/2023 6:30	38.0	0.0	0.0	0	0.0
3/27/2023 6:35	38.0	0.0	0.0	0	0.0
3/27/2023 6:40	38.0	0.0	0.0	0	0.0
3/27/2023 6:45	38.0	0.0	0.0	0	0.0
3/27/2023 6:50	38.0	0.0	0.0	0	0.0
3/27/2023 6:55	38.0	0.0	0.0	0	0.0
3/27/2023 7:00	38.0	0.0	0.0	0	0.0
3/27/2023 7:05	38.0	0.0	0.0	0	0.0
3/27/2023 7:10	38.0	0.0	0.0	0	0.0
3/27/2023 7:15	38.0	0.0	0.0	0	0.0
3/27/2023 7:20	38.0	0.0	2.0	0	0.0
3/27/2023 7:25	38.0	0.0	2.0	0	0.0
3/27/2023 7:30	39.0	0.0	0.0	0	0.0
3/27/2023 7:35	39.0	0.0	0.0	0	0.0
3/27/2023 7:40	39.0	1.0	2.0	WSW	0.0
3/27/2023 7:45	40.0	0.0	0.0	0	0.0
3/27/2023 7:50	40.0	0.0	0.0	0	0.0
3/27/2023 7:55	41.0	1.0	3.0	WSW	0.0
3/27/2023 8:00	42.0	0.0	2.0	0	0.0
3/27/2023 8:05	42.0	0.0	0.0	0	0.0
3/27/2023 8:10	42.0	1.0	3.0	WSW	0.0
3/27/2023 8:15	42.0	2.0	5.0	WNW	0.0
3/27/2023 8:20	43.0	2.0	4.0	WNW	0.0
3/27/2023 8:25	43.0	2.0	4.0	NW	0.0
3/27/2023 8:30	44.0	3.0	6.0	NW	0.0
3/27/2023 8:35	44.0	2.0	6.0	NW	0.0
3/27/2023 8:40	44.0	3.0	6.0	WNW	0.0
3/27/2023 8:45	44.0	3.0	4.0	WNW	0.0
3/27/2023 8:50	45.0	3.0	4.0	WNW	0.0
3/27/2023 8:55	45.0	2.0	4.0	WNW	0.0
3/27/2023 9:00	46.0	3.0	5.0	NW	0.0
3/27/2023 9:05	46.0	2.0	5.0	NW	0.0
3/27/2023 9:10	47.0	2.0	5.0	NNW	0.0
3/27/2023 9:15	47.0	2.0	4.0	WNW	0.0
3/27/2023 9:20	48.0	2.0	4.0	WNW	0.0
3/27/2023 9:25	48.0	1.0	3.0	NW	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/27/2023 9:30	49.0	2.0	4.0	W	0.0
3/27/2023 9:35	49.0	2.0	4.0	WSW	0.0
3/27/2023 9:40	49.0	1.0	4.0	WNW	0.0
3/27/2023 9:45	50.0	2.0	4.0	NNW	0.0
3/27/2023 9:50	50.0	1.0	4.0	N	0.0
3/27/2023 9:55	51.0	2.0	4.0	WNW	0.0
3/27/2023 10:00	51.0	2.0	4.0	WNW	0.0
3/27/2023 10:05	51.0	2.0	4.0	W	0.0
3/27/2023 10:10	52.0	3.0	6.0	WNW	0.0
3/27/2023 10:15	52.0	2.0	6.0	WNW	0.0
3/27/2023 10:20	52.0	2.0	7.0	WNW	0.0
3/27/2023 10:25	52.0	2.0	5.0	WNW	0.0
3/27/2023 10:30	53.0	2.0	5.0	NW	0.0
3/27/2023 10:35	53.0	2.0	4.0	NW	0.0
3/27/2023 10:40	53.0	1.0	4.0	NW	0.0
3/27/2023 10:45	54.0	2.0	5.0	NW	0.0
3/27/2023 10:50	54.0	2.0	4.0	NNE	0.0
3/27/2023 10:55	55.0	2.0	6.0	NNE	0.0
3/27/2023 11:00	55.0	2.0	5.0	N	0.0
3/27/2023 11:05	55.0	2.0	5.0	NNE	0.0
3/27/2023 11:10	56.0	2.0	5.0	N	0.0
3/27/2023 11:15	56.0	3.0	5.0	NNW	0.0
3/27/2023 11:20	57.0	1.0	3.0	N	0.0
3/27/2023 11:25	57.0	2.0	4.0	N	0.0
3/27/2023 11:30	58.0	1.0	3.0	NW	0.0
3/27/2023 11:35	59.0	2.0	5.0	NNW	0.0
3/27/2023 11:40	59.0	1.0	4.0	NNE	0.0
3/27/2023 11:45	59.0	2.0	8.0	NNE	0.0
3/27/2023 11:50	59.0	3.0	7.0	NE	0.0
3/27/2023 11:55	58.0	3.0	8.0	E	0.0
3/27/2023 12:00	58.0	3.0	7.0	NNE	0.0
3/27/2023 12:05	58.0	3.0	7.0	NNE	0.0
3/27/2023 12:10	58.0	4.0	8.0	ENE	0.0
3/27/2023 12:15	57.0	4.0	8.0	E	0.0
3/27/2023 12:20	57.0	4.0	8.0	ENE	0.0
3/27/2023 12:25	56.0	2.0	6.0	E	0.0
3/27/2023 12:30	56.0	1.0	4.0	ENE	0.0
3/27/2023 12:35	57.0	2.0	7.0	NNE	0.0
3/27/2023 12:40	58.0	3.0	6.0	NNE	0.0
3/27/2023 12:45	58.0	3.0	8.0	N	0.0
3/27/2023 12:50	59.0	3.0	6.0	N	0.0
3/27/2023 12:55	59.0	5.0	11.0	ENE	0.0
3/27/2023 13:00	59.0	6.0	11.0	ENE	0.0
3/27/2023 13:05	57.0	7.0	11.0	ENE	0.0
3/27/2023 13:10	56.0	8.0	11.0	ESE	0.0
3/27/2023 13:15	55.0	7.0	10.0	ESE	0.0
3/27/2023 13:20	55.0	6.0	9.0	ESE	0.0
3/27/2023 13:25	55.0	7.0	10.0	E	0.0
3/27/2023 13:30	55.0	4.0	8.0	E	0.0
3/27/2023 13:35	56.0	4.0	8.0	E	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/27/2023 13:40	57.0	4.0	9.0	NE	0.0
3/27/2023 13:45	58.0	4.0	9.0	ENE	0.0
3/27/2023 13:50	58.0	4.0	8.0	NE	0.0
3/27/2023 13:55	59.0	4.0	10.0	ENE	0.0
3/27/2023 14:00	59.0	5.0	9.0	ENE	0.0
3/27/2023 14:05	59.0	5.0	10.0	ENE	0.0
3/27/2023 14:10	60.0	8.0	14.0	E	0.0
3/27/2023 14:15	58.0	9.0	14.0	E	0.0
3/27/2023 14:20	57.0	10.0	15.0	ESE	0.0
3/27/2023 14:25	57.0	9.0	14.0	ESE	0.0
3/27/2023 14:30	57.0	9.0	14.0	ESE	0.0
3/27/2023 14:35	57.0	10.0	15.0	ESE	0.0
3/27/2023 14:40	57.0	11.0	15.0	E	0.0
3/27/2023 14:45	57.0	11.0	15.0	ESE	0.0
3/27/2023 14:50	58.0	11.0	16.0	ESE	0.0
3/27/2023 14:55	58.0	11.0	15.0	ESE	0.0
3/27/2023 15:00	58.0	11.0	16.0	ESE	0.0
3/27/2023 15:05	58.0	10.0	14.0	ESE	0.0
3/27/2023 15:10	58.0	11.0	17.0	E	0.0
3/27/2023 15:15	58.0	11.0	16.0	ESE	0.0
3/27/2023 15:20	58.0	9.0	16.0	E	0.0
3/27/2023 15:25	58.0	10.0	16.0	ESE	0.0
3/27/2023 15:30	58.0	11.0	16.0	ESE	0.0
3/27/2023 15:35	58.0	10.0	16.0	E	0.0
3/27/2023 15:40	58.0	11.0	16.0	ESE	0.0
3/27/2023 15:45	58.0	11.0	15.0	ESE	0.0
3/27/2023 15:50	58.0	11.0	15.0	ESE	0.0
3/27/2023 15:55	58.0	12.0	15.0	ESE	0.0
3/27/2023 16:00	58.0	9.0	16.0	ESE	0.0
3/27/2023 16:05	58.0	10.0	16.0	ESE	0.0
3/27/2023 16:10	58.0	10.0	15.0	ESE	0.0
3/27/2023 16:15	58.0	11.0	16.0	ESE	0.0
3/27/2023 16:20	58.0	10.0	16.0	ESE	0.0
3/27/2023 16:25	57.0	13.0	18.0	ESE	0.0
3/27/2023 16:30	57.0	10.0	17.0	ESE	0.0
3/27/2023 16:35	57.0	14.0	21.0	ESE	0.0
3/27/2023 16:40	56.0	15.0	22.0	ESE	0.0
3/27/2023 16:45	56.0	14.0	20.0	ESE	0.0
3/27/2023 16:50	56.0	14.0	19.0	ESE	0.0
3/27/2023 16:55	56.0	13.0	18.0	ESE	0.0
3/27/2023 17:00	55.0	13.0	19.0	ESE	0.0
3/27/2023 17:05	56.0	12.0	19.0	ESE	0.0
3/27/2023 17:10	56.0	12.0	18.0	ESE	0.0
3/27/2023 17:15	56.0	11.0	17.0	ESE	0.0
3/27/2023 17:20	56.0	13.0	18.0	ESE	0.0
3/27/2023 17:25	56.0	11.0	17.0	ESE	0.0
3/27/2023 17:30	56.0	10.0	17.0	ESE	0.0
3/27/2023 17:35	56.0	10.0	15.0	ESE	0.0
3/27/2023 17:40	55.0	9.0	15.0	ESE	0.0
3/27/2023 17:45	55.0	6.0	11.0	ESE	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/27/2023 17:50	55.0	5.0	13.0	SE	0.0
3/27/2023 17:55	55.0	6.0	13.0	ESE	0.0
3/27/2023 18:00	54.0	5.0	11.0	SE	0.0
3/27/2023 18:05	54.0	6.0	10.0	SSE	0.0
3/27/2023 18:10	54.0	5.0	11.0	ESE	0.0
3/27/2023 18:15	54.0	4.0	8.0	SE	0.0
3/27/2023 18:20	54.0	5.0	11.0	ESE	0.0
3/27/2023 18:25	54.0	6.0	13.0	ESE	0.0
3/27/2023 18:30	54.0	8.0	13.0	ESE	0.0
4/5/2023 6:00	44.0	1.0	2.0	NW	0.0
4/5/2023 6:05	44.0	1.0	3.0	WNW	0.0
4/5/2023 6:10	44.0	1.0	3.0	WNW	0.0
4/5/2023 6:15	44.0	1.0	3.0	WNW	0.0
4/5/2023 6:20	44.0	0.0	3.0	0	0.0
4/5/2023 6:25	44.0	2.0	3.0	WNW	0.0
4/5/2023 6:30	44.0	1.0	3.0	WNW	0.0
4/5/2023 6:35	44.0	1.0	3.0	WNW	0.0
4/5/2023 6:40	44.0	1.0	3.0	WNW	0.0
4/5/2023 6:45	44.0	1.0	3.0	WNW	0.0
4/5/2023 6:50	44.0	2.0	3.0	WNW	0.0
4/5/2023 6:55	44.0	1.0	3.0	NW	0.0
4/5/2023 7:00	44.0	1.0	3.0	WNW	0.0
4/5/2023 7:05	44.0	1.0	3.0	NW	0.0
4/5/2023 7:10	44.0	0.0	2.0	0	0.0
4/5/2023 7:15	44.0	0.0	3.0	0	0.0
4/5/2023 7:20	44.0	2.0	3.0	WNW	0.0
4/5/2023 7:25	44.0	2.0	4.0	WNW	0.0
4/5/2023 7:30	45.0	3.0	6.0	WNW	0.0
4/5/2023 7:35	45.0	2.0	4.0	WNW	0.0
4/5/2023 7:40	45.0	3.0	4.0	WNW	0.0
4/5/2023 7:45	45.0	3.0	6.0	WNW	0.0
4/5/2023 7:50	46.0	4.0	7.0	WNW	0.0
4/5/2023 7:55	46.0	4.0	7.0	WNW	0.0
4/5/2023 8:00	46.0	3.0	6.0	WNW	0.0
4/5/2023 8:05	46.0	3.0	7.0	WNW	0.0
4/5/2023 8:10	47.0	2.0	4.0	WNW	0.0
4/5/2023 8:15	47.0	4.0	7.0	WNW	0.0
4/5/2023 8:20	47.0	4.0	7.0	WNW	0.0
4/5/2023 8:25	48.0	3.0	6.0	WNW	0.0
4/5/2023 8:30	48.0	4.0	7.0	NW	0.0
4/5/2023 8:35	48.0	4.0	7.0	NW	0.0
4/5/2023 8:40	48.0	3.0	7.0	WNW	0.0
4/5/2023 8:45	48.0	4.0	8.0	WNW	0.0
4/5/2023 8:50	48.0	3.0	7.0	NW	0.0
4/5/2023 8:55	48.0	3.0	8.0	NNW	0.0
4/5/2023 9:00	49.0	3.0	6.0	NW	0.0
4/5/2023 9:05	49.0	3.0	7.0	WNW	0.0
4/5/2023 9:10	50.0	3.0	5.0	NNW	0.0
4/5/2023 9:15	50.0	3.0	5.0	NNW	0.0
4/5/2023 9:20	50.0	3.0	6.0	NNW	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
4/5/2023 9:25	51.0	3.0	8.0	NW	0.0
4/5/2023 9:30	51.0	3.0	7.0	WNW	0.0
4/5/2023 9:35	51.0	4.0	9.0	NW	0.0
4/5/2023 9:40	51.0	3.0	7.0	NW	0.0
4/5/2023 9:45	51.0	3.0	7.0	WNW	0.0
4/5/2023 9:50	51.0	3.0	8.0	NW	0.0
4/5/2023 9:55	51.0	3.0	9.0	NW	0.0
4/5/2023 10:00	52.0	3.0	7.0	NW	0.0
4/5/2023 10:05	52.0	4.0	6.0	WNW	0.0
4/5/2023 10:10	52.0	2.0	6.0	NW	0.0
4/5/2023 10:15	52.0	3.0	9.0	NNW	0.0
4/5/2023 10:20	52.0	3.0	7.0	WNW	0.0
4/5/2023 10:25	52.0	3.0	7.0	NNE	0.0
4/5/2023 10:30	52.0	1.0	5.0	NNE	0.0
4/5/2023 10:35	53.0	2.0	6.0	NNW	0.0
4/5/2023 10:40	53.0	2.0	6.0	NW	0.0
4/5/2023 10:45	54.0	2.0	4.0	N	0.0
4/5/2023 10:50	54.0	2.0	4.0	E	0.0
4/5/2023 10:55	53.0	2.0	4.0	ENE	0.0
4/5/2023 11:00	53.0	1.0	4.0	NNE	0.0
4/5/2023 11:05	53.0	3.0	6.0	NNE	0.0
4/5/2023 11:10	53.0	1.0	4.0	NE	0.0
4/5/2023 11:15	53.0	2.0	5.0	NE	0.0
4/5/2023 11:20	53.0	2.0	6.0	NNE	0.0
4/5/2023 11:25	53.0	4.0	7.0	ESE	0.0
4/5/2023 11:30	52.0	3.0	6.0	ESE	0.0
4/5/2023 11:35	52.0	3.0	7.0	ENE	0.0
4/5/2023 11:40	52.0	3.0	7.0	ESE	0.0
4/5/2023 11:45	52.0	3.0	8.0	ENE	0.0
4/5/2023 11:50	53.0	4.0	8.0	NE	0.0
4/5/2023 11:55	53.0	5.0	8.0	ESE	0.0
4/5/2023 12:00	52.0	4.0	7.0	ESE	0.0
4/5/2023 12:05	52.0	4.0	7.0	ENE	0.0
4/5/2023 12:10	53.0	4.0	8.0	NE	0.0
4/5/2023 12:15	53.0	4.0	8.0	ESE	0.0
4/5/2023 12:20	54.0	4.0	9.0	ESE	0.0
4/5/2023 12:25	54.0	6.0	9.0	ESE	0.0
4/5/2023 12:30	53.0	4.0	7.0	ESE	0.0
4/5/2023 12:35	53.0	4.0	8.0	ESE	0.0
4/5/2023 12:40	54.0	4.0	8.0	ESE	0.0
4/5/2023 12:45	54.0	4.0	8.0	ESE	0.0
4/5/2023 12:50	54.0	6.0	9.0	ESE	0.0
4/5/2023 12:55	54.0	5.0	8.0	E	0.0
4/5/2023 13:00	54.0	5.0	9.0	ESE	0.0
4/5/2023 13:05	54.0	5.0	9.0	E	0.0
4/5/2023 13:10	54.0	6.0	9.0	E	0.0
4/5/2023 13:15	54.0	6.0	9.0	E	0.0
4/5/2023 13:20	54.0	7.0	10.0	ESE	0.0
4/5/2023 13:25	54.0	7.0	10.0	E	0.0
4/5/2023 13:30	54.0	7.0	11.0	E	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
4/5/2023 13:35	54.0	7.0	12.0	E	0.0
4/5/2023 13:40	54.0	8.0	12.0	ESE	0.0
4/5/2023 13:45	54.0	7.0	11.0	E	0.0
4/5/2023 13:50	54.0	8.0	11.0	ESE	0.0
4/5/2023 13:55	55.0	9.0	13.0	ESE	0.0
4/5/2023 14:00	55.0	9.0	13.0	ESE	0.0
4/5/2023 14:05	54.0	9.0	13.0	ESE	0.0
4/5/2023 14:10	55.0	9.0	13.0	E	0.0
4/5/2023 14:15	55.0	10.0	17.0	ESE	0.0
4/5/2023 14:20	55.0	11.0	17.0	ESE	0.0
4/5/2023 14:25	54.0	9.0	15.0	ESE	0.0
4/5/2023 14:30	55.0	10.0	15.0	ESE	0.0
4/5/2023 14:35	54.0	10.0	15.0	E	0.0
4/5/2023 14:40	54.0	10.0	15.0	ESE	0.0
4/5/2023 14:45	54.0	10.0	14.0	ESE	0.0
4/5/2023 14:50	55.0	9.0	14.0	ESE	0.0
4/5/2023 14:55	55.0	10.0	16.0	ESE	0.0
4/5/2023 15:00	54.0	12.0	17.0	ESE	0.0
4/5/2023 15:05	54.0	11.0	16.0	E	0.0
4/5/2023 15:10	54.0	11.0	17.0	ESE	0.0
4/5/2023 15:15	54.0	14.0	19.0	ESE	0.0
4/5/2023 15:20	54.0	14.0	19.0	E	0.0
4/5/2023 15:25	54.0	14.0	22.0	E	0.0
4/5/2023 15:30	54.0	14.0	20.0	ESE	0.0
4/5/2023 15:35	54.0	12.0	20.0	ESE	0.0
4/5/2023 15:40	54.0	13.0	19.0	E	0.0
4/5/2023 15:45	54.0	14.0	20.0	E	0.0
4/5/2023 15:50	54.0	14.0	19.0	ESE	0.0
4/5/2023 15:55	54.0	11.0	16.0	E	0.0
4/5/2023 16:00	54.0	14.0	21.0	ESE	0.0
4/5/2023 16:05	54.0	12.0	21.0	ESE	0.0
4/5/2023 16:10	54.0	13.0	19.0	ESE	0.0
4/5/2023 16:15	54.0	12.0	18.0	E	0.0
4/5/2023 16:20	54.0	12.0	18.0	E	0.0
4/5/2023 16:25	54.0	11.0	18.0	E	0.0
4/5/2023 16:30	54.0	14.0	19.0	ESE	0.0
4/5/2023 16:35	53.0	11.0	19.0	ESE	0.0
4/5/2023 16:40	54.0	11.0	16.0	ESE	0.0
4/5/2023 16:45	54.0	9.0	16.0	E	0.0
4/5/2023 16:50	54.0	11.0	17.0	E	0.0
4/5/2023 16:55	54.0	11.0	16.0	ESE	0.0
4/5/2023 17:00	54.0	12.0	19.0	ESE	0.0
4/5/2023 17:05	53.0	13.0	18.0	ESE	0.0
4/5/2023 17:10	54.0	10.0	16.0	E	0.0
4/5/2023 17:15	53.0	13.0	17.0	E	0.0
4/5/2023 17:20	53.0	12.0	17.0	E	0.0
4/5/2023 17:25	53.0	12.0	18.0	E	0.0
4/5/2023 17:30	53.0	10.0	16.0	E	0.0
4/5/2023 17:35	53.0	11.0	15.0	E	0.0
4/5/2023 17:40	53.0	11.0	15.0	E	0.0

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
4/5/2023 17:45	53.0	10.0	16.0	E	0.0
4/5/2023 17:50	53.0	10.0	15.0	E	0.0
4/5/2023 17:55	53.0	10.0	15.0	E	0.0
4/5/2023 18:00	53.0	11.0	16.0	E	0.0
4/5/2023 18:05	53.0	11.0	16.0	E	0.0
4/5/2023 18:10	53.0	11.0	16.0	E	0.0
4/5/2023 18:15	53.0	9.0	16.0	E	0.0
4/5/2023 18:20	53.0	10.0	15.0	E	0.0
4/5/2023 18:25	53.0	10.0	16.0	E	0.0
4/5/2023 18:30	53.0	10.0	16.0	E	0.0

\*Data collected from Ox Mountain's onsite Davis Instruments weather station

MPH - miles per hour

°F - Fahrenheit N - North

W - West E - East

S - South

ESE - East Southeast

NNW - North Northwest

WSW - West Southwest

NE - Northeast

ENE - East Northeast

NNE - North Northeast

SE - Southeast

## APPENDIX F

### WIND SPEED DATA



## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
2/20/2023, 8:22AM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 8:37AM	1	2	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 8:52AM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:08AM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:23AM	0	0	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:38AM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:53AM	1	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 10:09AM	0	0	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 10:23AM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 10:37AM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 10:53AM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:08AM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:22AM	0	0	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:39AM	1	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:56AM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 12:11PM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 12:49PM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 13:02PM	0	0	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 13:17PM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 13:31PM	1	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 13:46PM	0	1	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
2/20/2023, 7:40AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 8:10AM	0	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 8:23AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 8:38AM	1	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 8:50AM	0	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:02AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:13AM	1	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:27AM	0	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:41AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:56AM	0	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 10:08AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 10:24AM	0	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 10:37AM	2	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 10:50AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:02AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:15AM	2	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:28AM	2	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:42AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:57AM	2	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 12:09PM	1	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 12:22PM	1	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 12:39PM	2	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 1:01PM	1	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 1:12PM	0	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 1:26PM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 1:40PM	1	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 3:02PM	1	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 3:17PM	1	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 3:24PM	2	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
2/20/2023, 8:00AM	1	1	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 8:13AM	1	2	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 8:28AM	1	2	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 8:43AM	2	2	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 8:55AM	2	3	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:05AM	2	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:15AM	2	3	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:25AM	1	3	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 9:48AM	2	2	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 10:00AM	1	3	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 10:30AM	1	2	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:00AM	3	4	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:15AM	3	3	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 11:25AM	2	3	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 13:29AM	3	4	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 13:45AM	3	4	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 14:29AM	2	3	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
2/20/2023, 14:33AM	3	4	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
03/03/2023, 10:45AM	0	1	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/03/2023, 11:00AM	0	1	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/03/2023, 11:20AM	1	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/03/2023, 11:34AM	2	2	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/03/2023, 12:32PM	2	3	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/03/2023, 12:44PM	3	2	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/03/2023, 12:58PM	3	4	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/03/2023, 13:10PM	1	2	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/03/2023, 13:24PM	4	4	SE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/03/2023, 13:37PM	4	4	S	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
03/17/2023, 08:58AM	1	3	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 09:10AM	1	3	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 09:22AM	1	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 09:34AM	1	3	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 09:44AM	1	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 09:57AM	1	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 10:11AM	3	5	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 10:22AM	2	3	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 10:34AM	1	3	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 10:43AM	2	4	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 10:55AM	1	2	E	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 11:09AM	1	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 11:20AM	1	2	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 11:34AM	2	1	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 11:44AM	1	1	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 11:58AM	1	2	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 12:09PM	1	2	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 12:20PM	3	4	E	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 12:33PM	2	2	E	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 12:45PM	2	3	SE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 12:58PM	1	2	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 13:07PM	3	4	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 13:19PM	2	3	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 13:30PM	2	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 13:43PM	3	4	E	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 13:57PM	3	5	E	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 14:10PM	2	6	E	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 14:23PM	4	7	E	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 14:35PM	1	3	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 14:50PM	1	2	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 15:03PM	1	1	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 15:17PM	1	3	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 15:30PM	2	4	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 15:43PM	4	6	SE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 15:54PM	4	7	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 16:05PM	4	6	SW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 16:19PM	3	4	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 16:30PM	4	5	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 16:44PM	4	6	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 16:59PM	4	6	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
3/16/2023, 9:05AM	2	2	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 9:19AM	2	2	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 9:35AM	1	2	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 9:47AM	1	1	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 10:01AM	1	2	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 10:18AM	1	1	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 10:32AM	2	2	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 10:50AM	2	3	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 11:01AM	3	3	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 11:12AM	2	2	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 11:25AM	2	3	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 11:35AM	3	4	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 11:48AM	3	3	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 12:22PM	4	4	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 12:33PM	4	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 12:47PM	4	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 1:01PM	4	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 1:13PM	3	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 1:24PM	3	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 1:40PM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 2:01PM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 2:15PM	3	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 2:29PM	3	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 2:40PM	4	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 2:57PM	4	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 3:07PM	4	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 3:20PM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 3:35PM	3	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 3:47PM	4	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 4:00PM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 4:16PM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 4:28PM	3	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 4:40PM	4	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/16/2023, 4:55PM	4	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
03/17/2023, 09.11AM	0	1	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 09.24AM	0	1	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 09.36AM	1	2	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 09.52AM	2	2	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 10.10AM	2	3	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 10.15AM	3	2	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 10.30AM	3	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 10.46AM	1	2	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 11.00AM	2	2	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 11.15AM	0	1	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/17/2023, 11.30AM	0	1	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45119
03/17/2023, 11.45AM	0	1	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45120
03/17/2023, 12.00 PM	0	1	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45121
03/17/2023, 12.15 PM	0	2	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
03/17/2023, 12.30 PM	0	1	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
03/17/2023, 12.45 PM	1	2	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
03/17/2023, 13.00 PM	2	2	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
03/17/2023, 13.15 PM	2	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
03/17/2023, 14.24 PM	1	2	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
03/17/2023, 14.38 PM	1	2	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
03/17/2023, 14.52 PM	1.6	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
03/17/2023, 15.06 PM	2.1	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
03/17/2023, 15.20 PM	3.4	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
03/17/2023, 15.34 PM	3.1	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
03/17/2023, 15.47 PM	0	2	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
03/17/2023, 16.04 PM	0	2	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
03/17/2023, 16.18 PM	2	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
03/17/2023, 16.33 PM	2	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
03/17/2023, 16.45 PM	0	1	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
03/17/2023, 17.00 PM	3	4	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
3/18/2023, 7:15AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 7:30AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 7:42AM	3	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 7:59AM	2	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 8:11AM	3	5	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 8:24AM	3	4	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 8:38AM	4	6	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 8:50AM	3	5	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 9:04AM	4	5	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 9:20AM	4	4	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 9:37AM	3	6	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 9:50AM	4	7	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 10:05AM	4	8	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 10:19AM	4	6	E	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 10:33AM	4	7	E	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 10:50AM	3	5	E	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 11:03AM	4	4	E	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 11:18AM	4	5	E	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 11:31AM	3	5	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 11:42AM	2	4	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 11:57AM	2	4	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 12:10PM	1	3	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 12:22PM	2	2	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 12:39PM	1	1	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 12:53PM	1	1	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 1:04PM	1	2	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 1:21PM	0	0	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 1:36PM	1	3	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 1:49PM	2	2	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 2:06PM	1	1	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 2:20PM	2	3	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 2:38PM	2	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 2:47PM	2	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/18/2023, 3:00PM	3	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118



## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
03/18/2023, 08:15AM	2	3	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 08:29AM	2	3	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 08:43AM	1	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 08:55AM	2	3	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 09:09AM	1	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 09:20AM	1	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 09:34AM	2	5	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 09:49AM	2	3	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 10:00AM	1	3	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 10:14AM	2	4	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 10:27AM	3	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 10:40AM	1	2	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 10:55AM	1	2	SE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 11:08AM	2	1	S	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 11:20AM	2	1	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 11:34AM	1	2	SW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 11:48AM	1	2	S	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 12:01AM	3	4	SE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 12:15AM	1	2	S	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 12:29AM	2	3	SE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 12:40AM	1	2	SE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
03/18/2023, 07.49 AM	2.7	1	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 08.04 AM	0	1	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 08.19 AM	3	2	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 08.34 AM	0.8	2	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 08.49 AM	3.7	3	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 09.04 AM	3	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 09.19 AM	3.5	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 09.36 AM	2.9	2	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 09.50 AM	3	2	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 10.15 AM	1.7	2	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
03/18/2023, 10.30 AM	2.5	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45119
03/18/2023, 10.45 AM	0	0	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45120
03/18/2023, 11.00 AM	0	0	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45121
03/18/2023, 11.58 AM	0	2	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
03/18/2023, 12.15 PM	0	1	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
03/18/2023, 12.29 PM	0.4	2	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
03/18/2023, 12.43 PM	2	2	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
03/18/2023, 13.00 PM	2	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
03/18/2023, 13.15 PM	1	2	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
03/18/2023, 13.30 PM	1	2	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
03/18/2023, 13.47 PM	1.6	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
03/18/2023, 14.03 PM	1.3	2	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
03/18/2023, 14.16 PM	3.4	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
03/18/2023, 14.30 PM	1.3	2	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
03/18/2023, 14.46 PM	2.3	2	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
03/18/2023, 15.03 PM	3	2	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
3/24/2023, 8:55AM	5	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 9:09AM	6	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 9:15AM	4	9	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 9:21AM	5	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 9:37AM	8	10	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 9:50AM	7	10	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 10:04AM	9	10	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 10:17AM	9	12	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 10:31AM	10	12	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 10:41AM	10	11	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 10:55AM	9	13	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 11:08AM	8	10	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 11:21AM	7	11	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 11:37AM	10	15	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 11:52AM	5	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 12:05PM	7	9	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 12:21PM	10	11	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 12:40PM	9	12	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 12:47PM	13	16	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 1:05PM	11	15	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 1:26PM	7	12	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 1:44PM	9	10	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 1:58PM	13	16	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 2:12PM	9	13	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 2:33PM	14	18	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 2:40PM	15	19	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 2:57PM	12	17	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 3:05PM	14	18	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 3:22PM	9	13	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 3:35PM	8	15	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 3:57PM	7	12	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 4:05PM	7	13	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
3/24/2023, 09:07 AM	0	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 09:23 AM	3.1	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 09:38 AM	3	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 09:54 AM	4	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 10:14 AM	1.6	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 10:30 AM	2.1	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 10:45 AM	0.8	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 11:00 AM	14	20	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 11:15 AM	13	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 11:36 AM	14.5	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 11:50 AM	4.2	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 12:09 PM	0.7	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 12:24 PM	1.8	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 12:39 PM	11.8	12	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 12:53 PM	0	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 13:07 PM	1.6	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 13:19 PM	3.9	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 13:34 PM	1.7	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 13:49 PM	3	3	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 14:03 PM	3	3	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 14:17 PM	2	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 14:36 PM	0.9	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 14:50 PM	13.5	15	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 15:05 PM	0.8	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 15:20 PM	4.6	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 15:35 PM	7.6	8	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 15:50 PM	12.7	13	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 16:05 PM	5	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
3/24/2023, 16:20 PM	5	3	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
03/24/2023, 08:45AM	8	18	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 08:58AM	7	20	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 09:11AM	9	17	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 09:25AM	6	12	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 09:39AM	8	16	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 09:52AM	4	15	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 10:05AM	7	18	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 10:19AM	6	22	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 10:30AM	9	16	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 10:44AM	4	13	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 10:59AM	6	15	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 11:13AM	7	14	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 11:27AM	8	17	SW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 11:40AM	5	16	SW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 11:54AM	6	18	S	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 12:05PM	7	20	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 12:20PM	9	16	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 12:34PM	10	13	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 12:44PM	8	15	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 12:59PM	7	12	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 13:12PM	6	16	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 13:26PM	8	17	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 13:40PM	7	19	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 13:50PM	6	20	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 14:02PM	8	18	S	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 14:17PM	9	16	SW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 14:30PM	10	19	S	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 14:45PM	7	20	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 15:00PM	8	19	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 15:14PM	9	17	SW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 15:29PM	7	23	S	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 15:42PM	9	21	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 15:55PM	7	20	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 16:08PM	8	19	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
3/25/2023, 8:40AM	4	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/25/2023, 10:50AM	5	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/25/2023, 11:46AM	7	9	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/25/2023, 12:02PM	5	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/25/2023, 12:10PM	8	11	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/25/2023, 12:23PM	7	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/25/2023, 12:50PM	5	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/25/2023, 1:01PM	6	9	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/25/2023, 1:15PM	8	12	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
03/24/2023, 08:50AM	2	6	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 09:04AM	1	3	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 09:17AM	4	7	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 09:30AM	3	5	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 09:45AM	5	10	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 09:59AM	2	3	NE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 10:10AM	6	12	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 10:25AM	4	6	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 10:38AM	7	10	N	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 10:50AM	3	5	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 11:02AM	6	10	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 12:50PM	4	7	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 13:03PM	3	5	SW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 13:15PM	2	3	SE	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 13:27PM	6	8	S	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 13:40PM	2	5	W	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118
03/24/2023, 13:53PM	1	2	NW	Devin Dekelaita	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
3/27/2023, 11:45AM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 11:58AM	4	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 12:10PM	5	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 12:26PM	5	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 12:40PM	5	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 1:01PM	7	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 1:15PM	6	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 1:28PM	7	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 1:51PM	6	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 2:24PM	5	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 2:41PM	4	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 3:00PM	5	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 3:16PM	5	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 3:28PM	6	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
3/27/2023, 3:39PM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118



## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
4/5/2023, 8:32AM	3	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
4/5/2023, 8:46AM	2	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
4/5/2023, 9:00AM	4	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
4/5/2023, 9:18AM	3	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
4/5/2023, 9:29AM	3	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
4/5/2023, 9:40AM	4	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
4/5/2023, 9:53AM	3	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
4/5/2023, 10:08AM	4	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
4/5/2023, 10:17AM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

# APPENDIX I

## COMPONENT LEAK CHECK REPORTS

**OX MOUNTAIN**

**Q-4-22 FLARE LFG COMPONENT LEAK MONITORING LOWER FLARE (A-7)**

**INSTRUMENT**

MAKE: Irwin  
 MODEL: Inficon  
 S/N: 92004293

DATE OF SAMPLING: October 17, 2022  
 TECHNICIAN: Matt Bowman

LOCATION OF LEAK	CONCENTRATION (ppmv)	DATE OF DISCOVERY	TECHNICIAN	ACTION TAKEN TO REPAIR LEAK	DATE OF REPAIR	DATE OF ANY REQUIRED RE-MONITORING	RE-MONITORED CONCENTRATION (ppmv)
KOP	0	10/17/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flanges Vac side	0	10/17/2022	Matt Bowman	N/A	N/A	N/A	N/A
Blowers	0	10/17/2022	Matt Bowman	N/A	N/A	N/A	N/A
insturments	0	10/17/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flanges Pos side	0	10/17/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flame Arrestor	0	10/17/2022	Matt Bowman	N/A	N/A	N/A	N/A
Panels	0	10/17/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flare	0	10/17/2022	Matt Bowman	N/A	N/A	N/A	N/A
Fittings to Blowers	0	10/17/2022	Matt Bowman	N/A	N/A	N/A	N/A
Comments:							
Note:	In the event that an exceedance is detected, please initiate corrective action and re-monitor the exceedance location within 7 days of the initial exceedance. Leaks over 500 ppmv methane are exceedances at any component containing landfill gas pursuant to CARB Title 17 of California Code of Regulations Subchapter 10, Article 4, Subarticle 6, Section 95464(b)(1)(B). Leaks over 1,000 ppmv methane are exceedances at any component containing landfill gas pursuant to BAAQMD Regulation 8-34-301.2.						



**OX MOUNTAIN  
Q-4-22 LFG COMPONENT LEAK MONITORING AMERESCO PLANT**

**INSTRUMENT**

**MAKE:** Irwin  
**MODEL:** Inficon  
**S/N:** 92004293

**DATE OF SAMPLING:** October 17, 2022  
**TECHNICIAN:** Matt Bowman

LOCATION OF LEAK	LEAK CONCENTRATION (ppmv)	DATE OF DISCOVERY	DISCRIPTION OF EQUIPMENT	ACTION TAKEN TO REPAIR LEAK	DATE OF REPAIR	DATE OF ANY REQUIRED RE-MONITORING	RE-MONITORED CONCENTRATION (ppmv)
Blower skid	0	10/17/2022	N/A	N/A	N/A	N/A	N/A
Main fuel piping bolt ups/flanges	0	10/17/2022	N/A	N/A	N/A	N/A	N/A
Pre chamber compressors	0	10/17/2022	N/A	N/A	N/A	N/A	N/A
Gas inlet to plant	0	10/17/2022	N/A	N/A	N/A	N/A	N/A
Cooler skid piping	0	10/17/2022	N/A	N/A	N/A	N/A	N/A
TSA piping bolt ups / Flanges	0	10/17/2022	N/A	N/A	N/A	N/A	N/A
Instrument fittings	0	10/17/2022	N/A	N/A	N/A	N/A	N/A
Engine plant	150	10/17/2022	Engine 2 near black flex hose	informed Paul of leak	N/A	N/A	N/A
Engine plant	275	10/17/2022	Engine 3 near black flex hose	informed Paul of leak	N/A	N/A	N/A
Engine plant	325	10/17/2022	Engine 4 near black flex hose	informed Paul of leak	N/A	N/A	N/A
Comments:							

**Note:**  
 In the event that an exceedance is detected, please initiate corrective action and re-monitor the exceedance location within 7 days of the initial exceedance. Leaks over 500 ppmv methane are exceedances at any component containing landfill gas pursuant to CARB Title 17 of California Code of Regulations Subchapter 10, Article 4, Subarticle 6, Section 95464(b)(1)(B).  
 Leaks over 1,000 ppmv methane are exceedances at any component containing landfill gas pursuant to BAAQMD Regulation 8-34-301.2.





**OX MOUNTAIN  
Q-1-23 LFG COMPONENT LEAK MONITORING AMERESCO PLANT**

**INSTRUMENT**

MAKE: Irwin

MODEL: Inficon

S/N: 92004293

DATE OF SAMPLING: January 10, 2023

TECHNICIAN: Matt Bowman

LOCATION OF LEAK	LEAK CONCENTRATION (ppmv)	DATE OF DISCOVERY	DISCRIPTION OF EQUIPMENT	ACTION TAKEN TO REPAIR LEAK	DATE OF REPAIR	DATE OF ANY REQUIRED RE-MONITORING	RE-MONITORED CONCENTRATION (ppmv)
Blower skid	0	1/10/2023	N/A	N/A	N/A	N/A	N/A
Main fuel piping bolt ups/flanges	0	1/10/2023	N/A	N/A	N/A	N/A	N/A
Pre chamber compressors	0	1/10/2023	N/A	N/A	N/A	N/A	N/A
Gas inlet to plant	0	1/10/2023	N/A	N/A	N/A	N/A	N/A
Cooler skid piping	0	1/10/2023	N/A	N/A	N/A	N/A	N/A
TSA piping bolt ups / Flanges	0	1/10/2023	N/A	N/A	N/A	N/A	N/A
Instrument fittings	0	1/10/2023	N/A	N/A	N/A	N/A	N/A
Engine plant	375	1/10/2023	Engine 1 gasket off block	informed Tristan of leak	N/A	N/A	N/A
Engine plant	300	1/10/2023	Engine 2 near black flex hose	informed Tristan of leak	N/A	N/A	N/A
Engine plant	225	1/10/2023	Engine 3 screw port atop block	informed Tristan of leak	N/A	N/A	N/A
Engine plant	100	1/10/2023	Engine 4 near black flex hose	informed Tristan of leak	N/A	N/A	N/A
Engine plant	20	1/10/2023	Engine 5 near black flex hose	informed Tristan of leak	N/A	N/A	N/A
Engine plant	0	1/10/2023	NA	N/A	N/A	N/A	N/A

**Comments:**

In the event that an exceedance is detected, please initiate corrective action and re-monitor the exceedance location within 7 days of the initial exceedance. Leaks over 500 ppmv methane are exceedances at any component containing landfill gas pursuant to CARB Title 17 of California Code of Regulations Subchapter 10, Article 4, Subarticle 6, Section 95464(b)(1)(B).  
Leaks over 1,000 ppmv methane are exceedances at any component containing landfill gas pursuant to BAAQMD Regulation 8-34-301.2.

**Note:**



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 10/17/2022

TIME: 9:10 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 305-4018194575 Span Gas Serial Number: 305-401820980-1  
Zero Gas Expiration Date: 05/28/2024 Span Gas Expiration Date: 05/28/2024

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 10/17/2022

TIME: 9:10 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (1)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 2 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 10/17/2022

TIME: 9:10 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 495 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 10/17/2022

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:10 AM	Time:	2:28 PM
Temperature:	55 °F	Temperature:	67 °F
Barometer:	30.09 " Hg	Barometer:	30.04 " Hg
Humidity:	95 %	Humidity:	61 %
Wind Speed:	2 mph	Wind Speed:	8 mph
Wind Direction:	E °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 1/10/2023

TIME: 8:37 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 498 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 499 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 498 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +0%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 305-4018194575 Span Gas Serial Number: 305-401820980-1  
Zero Gas Expiration Date: 05/28/2024 Span Gas Expiration Date: 05/28/2024

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 1/10/2023

TIME: 8:37 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 0 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 ppm  
90% of the Stabilized Reading: 449 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 4 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 1/10/2023

TIME: 8:37 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 498 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 1/10/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:37 AM	Time:	12:07 PM
Temperature:	52 °F	Temperature:	49 °F
Barometer:	29.74 " Hg	Barometer:	29.84 " Hg
Humidity:	85 %	Humidity:	89 %
Wind Speed:	19 mph	Wind Speed:	13 mph
Wind Direction:	SW °	Wind Direction:	SW °



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 1/31/2023

TIME: 1:31 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 475 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 475 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 475 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +5%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 21-8129

Span Gas Serial Number: 21-7995

Zero Gas Expiration Date: 08/25/2025

Span Gas Expiration Date: 08/25/2025

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 1/31/2023

TIME: 1:31 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 475 ppm  
90% of the Stabilized Reading: 427 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 3 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 475 ppm  
90% of the Stabilized Reading: 427 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 475 ppm  
90% of the Stabilized Reading: 427 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 1/31/2023

TIME: 1:31 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 475 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 475 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 475 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 474 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

$$\frac{(1) + (2)}{2}$$

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 1/31/2023

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	1:31 PM	Time:	2:06 PM
Temperature:	58 °F	Temperature:	60 °F
Barometer:	30.18 " Hg	Barometer:	30.18 " Hg
Humidity:	27 %	Humidity:	23 %
Wind Speed:	9 mph	Wind Speed:	8 mph
Wind Direction:	NE °	Wind Direction:	NE °

## APPENDIX J

### WELLFIELD MONITORING LOGS

**OX MOUNTAIN LANDFILL**  
Wellfield Monitoring Report - October 3, 4, 7, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 25, 26, 27, 28, and 31, 2022

Device ID	Date and Time	CH <sub>4</sub>		CO <sub>2</sub>		O <sub>2</sub>		BAL		Initial Static Pressure		Adjusted Static Pressure		Lateral Pressure		Initial Temperature		Initial Flow*		Comments
		%	%	%	%	%	in. wk..	in. wk..	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	scfm						
OMLEW101	10/10/2022 13:22	49.9	39.1	0.4	10.6	-2.09	-2.09	-40.87	81.8	21.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									
OMLEW101	10/28/2022 13:20	49.0	44.8	0.9	5.3	-1.83	-1.73	-41.68	79.3	24.9	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									
OMLEW104	10/12/2022 9:36	54.8	39.4	0.0	5.8	-12.15	-12.18	-43.34	83.1	26.6	Valve Adjustment: No Change									
OMLEW104	10/28/2022 11:04	51.5	42.0	0.0	6.5	-11.51	-11.39	-43.63	82.2	32.5	Valve Adjustment: Closed valve 1/2 turn or less									
OMLEW107	10/12/2022 9:33	59.1	40.9	0.0	0.0	-43.65	-43.70	-43.34	72.7	14.6	Valve Adjustment: Opened valve 1/2 turn or less									
OMLEW107	10/28/2022 11:01	57.1	42.9	0.0	0.0	-43.75	-43.88	-43.31	72.5	24.8	Valve Adjustment: Opened valve 1/2 turn or less									
OMLFEW59	10/4/2022 10:03	55.6	36.8	0.0	7.6	-0.13	-0.13	-39.65	59.5	6.8	Valve Adjustment: No Change, Valve at minimum position									
OMLFEW59	10/20/2022 11:33	58.9	36.2	0.1	4.8	-0.06	-0.25	-39.67	79.3	1.8	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less									
OMLFEW72	10/12/2022 9:53	54.2	39.1	0.0	6.7	-1.99	-2.25	-43.89	56.7	N/A	Valve Adjustment: No Change									
OMLFEW72	10/28/2022 11:18	45.3	40.1	0.1	14.5	-4.32	-4.85	-43.53	61.2	N/A	Valve Adjustment: Closed valve 1/2 turn or less									
OMLFEW99	10/3/2022 13:55	57.2	40.0	0.0	2.8	-0.07	-0.22	-50.57	76.0	7.0	Valve Adjustment: Opened valve 1/2 turn or less, Valve 5% open									
OMLFEW99	10/20/2022 12:56	58.0	40.5	0.0	1.5	-0.24	-0.33	-49.85	76.1	10.5	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less									
OMTLTS01	10/14/2022 13:28	39.2	34.3	2.3	24.2	-0.13	-0.13	-44.12	77.8	4.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									
OMTLTS01	10/25/2022 10:56	40.8	36.1	2.7	20.4	-0.16	-0.16	-43.34	75.8	4.4	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS02	10/14/2022 13:59	35.6	30.0	1.4	33.0	-0.21	-0.21	-44.49	74.8	9.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									
OMTLTS02	10/25/2022 11:05	36.6	32.5	0.8	30.1	-0.28	-0.28	-43.20	74.3	9.4	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS03	10/14/2022 13:56	32.7	24.4	14.8	28.1	-0.10	-0.10	-44.70	64.4	0.1	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									
OMTLTS03	10/25/2022 11:08	6.5	6.4	18.1	69.0	-0.16	-0.16	-43.17	57.3	0.3	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position									
OMTLTS03	10/25/2022 11:08	10.2	8.8	15.8	65.2	-0.21	-0.19	-43.33	57.6	0.9	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position									
OMTLTS03	10/31/2022 13:35	20.5	17.3	11.8	50.4	-0.03	-0.03	-43.03	62.2	0.5	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS04	10/14/2022 11:18	32.2	32.9	0.6	34.3	-0.06	-0.06	-44.93	59.6	0.2	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS04	10/21/2022 11:04	12.0	13.9	10.9	63.2	-0.17	-0.17	-45.98	55.7	0.4	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS05	10/14/2022 11:15	26.7	27.4	3.7	42.2	-0.07	-0.06	-44.80	59.0	0.2	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS05	10/21/2022 11:01	3.6	3.9	12.7	79.8	-0.18	-0.18	-45.98	54.6	0.4	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS06	10/14/2022 11:12	18.4	21.3	7.9	52.4	-0.08	-0.08	-44.77	59.2	0.1	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS06	10/28/2022 9:31	13.5	11.7	8.5	66.3	-0.27	-0.18	-37.77	58.1	1.1	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									
OMTLTS07	10/14/2022 10:57	57.6	42.0	0.4	0.0	-0.02	-0.03	-45.17	58.0	0.2	Valve Adjustment: Opened valve 1/2 turn or less									
OMTLTS07	10/21/2022 10:43	55.0	40.5	0.1	4.4	-0.14	-0.14	-46.26	65.2	0.5	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS08	10/14/2022 10:52	0.1	0.8	22.4	76.7	-0.05	-0.05	-44.67	55.1	0.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less									
OMTLTS08	10/14/2022 10:53	0.0	0.3	22.5	77.2	-0.05	-0.05	-44.92	55.7	0.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less									
OMTLTS08	10/28/2022 9:25	0.2	0.3	22.7	76.8	-0.17	-0.10	-34.62	64.0	0.9	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less									

OMTL TS08	10/28/2022 9:27	0.2	0.3	22.6	76.9	-0.14	-0.16	-35.41	66.5	0.6	Valve Adjustment: NSPS, Valve at minimum position
OMTL TS09	10/14/2022 10:49	15.0	25.9	1.0	58.1	-0.10	-0.10	-44.92	58.6	0.2	Valve Adjustment: No Change, Valve at minimum position
OMTL TS09	10/21/2022 10:37	13.1	21.6	2.0	63.3	-0.15	-0.15	-45.64	55.4	0.3	Valve Adjustment: No Change, Valve at minimum position
OMTL TS10	10/14/2022 10:41	26.3	29.9	1.2	42.6	-0.09	-0.09	-23.07	58.1	0.2	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS10	10/21/2022 10:34	18.4	21.5	5.3	54.8	-0.15	-0.15	-22.82	55.1	0.2	Valve Adjustment: No Change, Valve at minimum position
OMTL TS11	10/14/2022 10:20	17.1	17.3	7.2	58.4	-0.11	-0.11	-24.43	56.4	0.1	Valve Adjustment: No Change, Valve at minimum position
OMTL TS11	10/21/2022 10:26	17.4	18.9	7.7	56.0	-0.16	-0.16	-24.41	56.0	0.2	Valve Adjustment: No Change, Valve at minimum position
OMTL TS12	10/14/2022 10:17	15.3	17.3	8.2	59.2	-0.13	-0.12	-30.00	56.2	0.1	Valve Adjustment: No Change, Valve at minimum position
OMTL TS12	10/21/2022 10:22	8.3	11.5	12.7	67.5	-0.13	-0.13	-30.06	55.2	0.2	Valve Adjustment: No Change, Valve at minimum position
OMTL TS15	10/14/2022 10:12	6.0	10.8	12.6	70.6	-0.18	-0.18	-44.88	56.3	0.1	Valve Adjustment: No Change, Valve at minimum position
OMTL TS15	10/21/2022 10:17	5.4	9.0	14.5	71.1	-0.17	-0.17	-45.40	54.1	0.3	Valve Adjustment: No Change, Valve at minimum position
OMTL TS16	10/14/2022 10:02	8.8	14.4	10.5	66.3	-0.21	-0.21	-42.75	64.3	1.2	Valve Adjustment: No Change, Valve at minimum position
OMTL TS16	10/21/2022 10:13	4.7	11.7	11.0	72.6	-0.20	-0.20	-44.32	62.9	1.8	Valve Adjustment: No Change, Valve at minimum position
OMTL TS17	10/14/2022 9:59	9.5	14.2	9.2	67.1	-0.23	-0.24	-45.21	55.1	0.1	Valve Adjustment: No Change, Valve at minimum position
OMTL TS17	10/21/2022 10:10	6.7	9.4	12.6	71.3	-0.22	-0.22	-45.98	54.4	0.2	Valve Adjustment: No Change, Valve at minimum position
OMTL TS18	10/14/2022 9:55	51.3	40.8	0.7	7.2	-0.88	-0.87	-45.40	72.1	14.2	Valve Adjustment: Closed valve 1/2 turn or less
OMTL TS18	10/19/2022 14:26	53.5	39.7	0.2	6.6	-0.59	-0.60	-40.14	77.3	28.2	Valve Adjustment: No Change
OMTL TS19	10/14/2022 9:52	47.5	36.9	4.3	11.3	-0.14	-0.11	-45.16	75.8	8.8	Valve Adjustment: Closed valve 1/2 turn or less
OMTL TS19	10/19/2022 14:30	50.8	36.5	2.8	9.9	-0.01	-0.01	-39.83	94.7	3.7	Valve Adjustment: No Change, Valve at minimum position
OMTL TS20	10/14/2022 9:48	58.2	38.3	0.3	3.2	-0.55	-0.59	-45.57	73.7	10.0	Valve Adjustment: Opened valve 1/2 turn or less
OMTL TS20	10/19/2022 9:58	55.6	38.7	0.5	5.2	-0.21	-0.22	-42.13	77.6	12.0	Valve Adjustment: No Change, Valve at minimum position
OXEW133B	10/14/2022 13:38	22.1	25.4	4.5	48.0	-7.11	-7.24	-38.38	84.0	37.4	Valve Adjustment: Closed valve 1/2 turn or less
OXEW133B	10/28/2022 10:42	48.1	44.1	4.2	3.6	-6.35	-6.11	-37.75	79.1	87.5	Valve Adjustment: Closed valve 1/2 turn or less
OXEW134A	10/14/2022 13:41	55.6	38.5	0.1	5.8	-8.48	-9.75	-44.04	84.3	76.1	Valve Adjustment: Opened valve 1/2 turn or less
OXEW134A	10/25/2022 11:12	52.0	39.8	0.1	8.1	-5.65	-6.71	-43.28	81.3	26.1	Valve Adjustment: No Change
OXEW134B	10/14/2022 13:44	47.8	35.3	1.0	15.9	-42.41	-42.34	-44.49	82.0	51.9	Valve Adjustment: Closed valve 1/2 turn or less
OXEW134B	10/28/2022 10:39	52.3	40.2	0.2	7.3	-36.88	-36.36	-42.88	75.2	26.1	Valve Adjustment: No Change
OXEW137B	10/14/2022 11:06	55.5	44.4	0.1	0.0	-43.09	-44.41	-42.75	79.5	43.3	Valve Adjustment: No Change, Valve 100% open
OXEW137B	10/21/2022 10:56	56.6	43.0	0.4	0.0	-42.55	-42.89	-42.69	78.8	84.1	Valve Adjustment: No Change
OXEW1601	10/14/2022 12:46	51.8	36.0	0.8	11.4	-4.38	-4.26	-44.13	127.6	36.7	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1601	10/27/2022 9:03	50.7	39.0	0.7	9.6	-4.10	-4.00	-42.88	126.4	43.8	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1602	10/11/2022 12:28	53.4	40.5	0.1	6.0	-42.57	-42.57	-43.51	128.2	47.7	Valve Adjustment: No Change
OXEW1602	10/27/2022 12:36	56.1	43.2	0.0	0.7	-20.64	-20.48	-41.97	128.3	32.4	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1603	10/11/2022 12:42	58.2	41.8	0.0	0.0	8.68	-0.20	-41.77	81.5	4.5	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 10% open
OXEW1603	10/11/2022 12:44	59.5	40.5	0.0	0.0	-13.27	-16.93	-40.33	113.5	19.2	Valve Adjustment: Opened valve 1/2 turn or less, Valve 25% open

OXEW1603	10/12/2022 11:10	57.1	38.9	0.2	3.8	-30.03	-37.82	-38.88	125.3	33.9	Valve Adjustment: Opened valve 1/2 turn or less, Valve 60% open
OXEW1603	10/18/2022 10:19	59.8	40.0	0.0	0.2	-36.56	-36.78	-37.34	122.9	52.8	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1603	10/27/2022 9:28	57.6	41.1	0.0	1.3	-39.33	-39.55	-38.97	123.7	9.7	Valve Adjustment: No Change, Valve 100% open
OXEW1604	10/11/2022 12:58	58.8	41.1	0.0	0.1	-1.21	-1.21	-43.85	130.3	43.0	Valve Adjustment: No Change
OXEW1604	10/27/2022 9:42	57.1	42.9	0.0	0.0	-0.55	-0.63	-38.14	129.8	0.0	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1611	10/10/2022 11:51	57.2	39.1	0.6	3.1	-0.13	-0.11	-16.67	64.8	0.7	Valve Adjustment: No Change, Valve at minimum position
OXEW1611	10/17/2022 12:42	59.4	40.6	0.0	0.0	-0.11	-6.76	-10.56	74.3	0.3	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEW1612	10/12/2022 11:54	49.0	36.6	0.0	14.4	-33.89	-34.16	-33.63	125.5	34.3	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1612	10/28/2022 12:40	51.4	38.7	0.2	9.7	-36.37	-36.36	-33.27	126.0	108.7	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1613	10/11/2022 13:02	54.0	42.4	0.2	3.4	-20.29	-20.23	-43.57	128.1	46.0	Valve Adjustment: No Change
OXEW1613	10/27/2022 9:46	52.7	44.5	0.1	2.7	-19.31	-19.32	-41.01	128.0	52.4	Valve Adjustment: No Change
OXEW1614	10/11/2022 13:14	54.0	34.9	0.5	10.6	-0.15	-0.16	-41.98	115.0	7.3	Valve Adjustment: No Change
OXEW1614	10/28/2022 13:47	55.2	44.0	0.8	0.0	-0.65	-0.64	-42.56	111.5	51.2	Valve Adjustment: No Change
OXEW1616	10/12/2022 11:18	54.7	37.6	0.0	7.7	-9.42	-9.42	-16.52	117.3	13.4	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1616	10/27/2022 13:04	55.5	44.4	0.1	0.0	-7.01	-6.96	-12.27	116.5	21.9	Valve Adjustment: No Change
OXEW1617	10/14/2022 10:18	57.1	42.3	0.0	0.6	-0.60	-0.91	-44.83	128.1	9.2	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
OXEW1617	10/28/2022 12:53	56.1	40.2	0.1	3.6	-2.61	-2.04	-44.18	129.7	22.6	Valve Adjustment: Closed valve 1/2 turn or less, Valve 15% open
<b>OXEW1618</b>	10/11/2022 13:36	57.4	42.6	0.0	0.0	0.30	-0.05	-44.11	127.9	14.0	Valve Adjustment: NSPS, Opened valve 1/2 turn or less, Valve 10% open
<b>OXEW1618</b>	10/11/2022 13:38	57.8	42.2	0.0	0.0	-0.10	-0.11	-44.48	129.2	7.0	Valve Adjustment: No Change
<b>OXEW1618</b>	10/27/2022 12:58	56.1	43.6	0.3	0.0	-0.05	-0.12	-43.12	116.3	4.2	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open
OXEW1619	10/14/2022 11:51	55.5	44.4	0.1	0.0	-43.93	-43.87	-44.75	123.0	16.9	Valve Adjustment: No Change, Valve 100% open
OXEW1619	10/19/2022 10:33	57.5	40.6	0.0	1.9	-40.32	-40.32	-40.92	123.0	4.4	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1620	10/14/2022 12:01	52.4	41.9	0.0	5.7	-4.95	-4.95	-44.92	107.8	6.2	Valve Adjustment: No Change, Valve 20% open
OXEW1620	10/19/2022 10:28	51.7	37.2	0.0	11.1	-4.82	-4.74	-40.84	109.7	5.7	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1621	10/12/2022 13:34	52.1	41.3	0.2	6.4	-0.10	-0.10	-42.36	113.5	34.8	Valve Adjustment: No Change
OXEW1621	10/18/2022 13:32	51.7	42.4	0.0	5.9	-0.18	-0.18	-40.06	113.9	29.3	Valve Adjustment: No Change
OXEW1622	10/14/2022 11:29	55.0	44.5	0.5	0.0	-17.90	-18.34	-37.19	122.2	28.1	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1622	10/28/2022 10:32	46.3	37.4	3.8	12.5	-19.11	-18.96	-35.97	121.4	22.3	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1701	10/14/2022 10:47	59.9	40.1	0.0	0.0	-40.32	-40.31	-40.84	120.9	20.6	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1701	10/19/2022 11:18	60.6	38.1	0.0	1.3	-35.85	-35.94	-35.33	121.2	12.8	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1702	10/13/2022 14:22	57.8	36.8	0.2	5.2	-59.94	-36.52	-56.07	124.8	52.5	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1702	10/27/2022 13:51	60.2	39.0	0.1	0.7	-35.80	-35.88	-38.84	124.5	38.9	Valve Adjustment: No Change, Valve 100% open
OXEW1703	10/14/2022 9:04	58.9	41.1	0.0	0.0	-35.94	-36.10	-35.81	114.5	20.4	Valve Adjustment: Opened valve 1/2 turn or less, Valve 60% open
OXEW1703	10/27/2022 13:43	56.2	43.8	0.0	0.0	-34.96	-34.97	-35.25	116.3	6.3	Valve Adjustment: Opened valve 1/2 turn or less, Valve 50% open
OXEW1705	10/13/2022 14:07	58.2	39.0	0.0	2.8	-0.41	-9.60	-40.23	116.8	18.1	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open



OXEW1705	10/28/2022 13:39	56.0	43.6	0.4	0.0	-4.19	-19.37	-40.21	117.1	29.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1716	10/4/2022 9:37	56.5	40.7	0.0	2.8	-44.48	-44.50	-44.71	99.2	5.9	Valve Adjustment:No Change,Valve 100% open
OXEW1716	10/20/2022 13:57	57.8	39.6	0.0	2.6	-45.58	-45.66	-45.29	94.0	7.7	Valve Adjustment:No Change,Valve 100% open
OXEW1717	10/3/2022 13:12	54.0	36.1	0.3	9.6	-29.40	-29.40	-49.23	109.1	4.1	Valve Adjustment:No Change
OXEW1717	10/20/2022 13:04	57.0	38.7	0.0	4.3	-29.29	-29.28	-48.76	108.7	4.8	Valve Adjustment:No Change,Valve 40% open
OXEW1801	10/11/2022 13:22	52.8	40.9	0.4	5.9	-13.14	-13.14	-43.64	129.1	21.0	Valve Adjustment:No Change,Valve 20% open
OXEW1801	10/27/2022 10:06	51.3	43.1	0.4	5.2	-11.64	-11.80	-41.81	128.3	19.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1804	10/12/2022 11:29	55.9	39.3	0.6	4.2	-39.19	-39.28	-40.87	126.2	17.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1804	10/27/2022 12:46	48.7	41.7	3.0	6.6	-41.09	-41.12	-42.71	119.9	13.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW1805	10/12/2022 11:37	51.7	38.5	0.2	9.6	-17.47	-17.09	-40.58	125.5	19.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1805	10/27/2022 12:41	53.4	42.5	0.1	4.0	-10.67	-10.59	-41.30	126.8	14.5	Valve Adjustment:No Change,Valve 40% open
OXEW1806	10/12/2022 13:51	49.9	39.6	0.0	10.5	-0.16	-0.16	-43.23	122.6	12.2	Valve Adjustment:No Change
OXEW1806	10/18/2022 13:11	51.5	42.2	0.0	6.3	-0.10	-0.09	-39.26	120.6	12.2	Valve Adjustment:No Change
OXEW1807	10/14/2022 9:48	59.4	39.7	0.0	0.9	1.11	-0.04	-44.10	131.3	21.2	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 25% open
OXEW1807	10/14/2022 9:50	59.7	40.2	0.0	0.1	-0.10	-0.09	-44.15	131.6	24.1	Valve Adjustment:NSPS,Closed valve 1/2 turn or less
OXEW1807	10/14/2022 9:51	58.9	40.9	0.2	0.0	-0.10	-0.09	-44.83	131.6	24.0	Valve Adjustment:NSPS
OXEW1807	10/27/2022 13:18	56.3	43.7	0.0	0.0	-0.45	-0.02	-43.17	131.8	23.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 20% open
OXEW1807	10/27/2022 13:29	55.8	44.2	0.0	0.0	0.05	-0.10	-42.43	132.1	23.4	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXEW1807	10/27/2022 13:31	55.1	44.9	0.0	0.0	-0.13	-0.10	-42.86	132.0	21.7	Valve Adjustment:NSPS
OXEW1808	10/13/2022 13:52	54.5	35.5	2.0	8.0	-41.01	-41.11	-40.62	71.7	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1808	10/28/2022 13:24	55.2	43.7	1.1	0.0	-41.99	-41.74	-39.85	66.6	31.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1809	10/10/2022 14:03	53.0	40.6	0.1	6.3	-24.59	-24.60	-42.10	115.3	49.1	Valve Adjustment:No Change,Valve 50% open
OXEW1809	10/27/2022 8:53	50.7	38.2	0.1	11.0	-25.08	-24.54	-41.68	114.2	45.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW1810	10/4/2022 9:56	57.7	35.2	0.6	6.5	-2.21	-2.22	-46.18	61.2	4.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1810	10/20/2022 14:10	58.6	36.6	0.6	4.2	-3.92	-3.91	-46.07	82.4	5.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1811	10/12/2022 12:48	52.1	35.5	2.3	10.1	-1.49	-1.49	-41.98	89.8	4.7	Valve Adjustment:No Change
OXEW1811	10/26/2022 14:21	52.1	46.8	1.1	0.0	-1.02	-1.01	-43.53	82.7	4.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1812	10/12/2022 9:21	57.4	40.2	0.0	2.4	-7.12	-12.35	-44.56	125.8	18.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1812	10/28/2022 10:54	47.7	41.7	0.1	10.5	-16.83	-16.73	-42.79	125.0	28.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1813	10/12/2022 11:21	55.7	38.3	0.0	6.0	-41.89	-41.81	-41.90	114.7	13.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXEW1813	10/27/2022 13:07	53.4	44.7	0.0	1.9	-42.31	-42.24	-42.75	114.6	13.8	Valve Adjustment:No Change,Valve 100% open
OXEW1815	10/12/2022 14:07	42.9	36.1	0.0	21.0	-14.16	-12.56	-44.80	125.1	33.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1815	10/18/2022 12:47	49.6	37.9	0.0	12.5	-8.68	-8.68	-41.66	124.7	23.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1816	10/14/2022 8:54	49.2	36.0	0.3	14.5	-22.18	-22.15	-40.72	117.2	103.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW1816	10/27/2022 13:54	50.2	40.2	0.0	9.6	-21.34	-21.33	-39.57	117.4	89.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open

OXEW1817	10/10/2022 11:34	58.7	40.0	0.0	1.3	-36.67	-37.62	-40.78	114.6	11.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW1817	10/17/2022 13:04	59.5	40.5	0.0	0.0	-39.09	-39.10	-40.31	113.2	11.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW1817	10/20/2022 10:32	58.8	40.7	0.0	0.5	-39.32	-39.99	-40.87	113.9	10.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
OXEW1821	10/4/2022 12:45	26.1	22.5	0.0	51.4	-0.02	-0.02	-45.36	73.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	10/21/2022 12:14	25.1	24.2	0.0	50.7	-0.02	-0.04	-46.44	56.1	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1822	10/4/2022 12:42	11.3	20.3	0.1	68.3	-0.07	-0.07	-45.13	73.9	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	10/21/2022 12:09	10.9	20.2	0.6	68.3	-0.09	-0.08	-46.35	56.7	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	10/4/2022 12:38	16.3	24.3	0.0	59.4	-0.08	-0.07	-45.47	77.1	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1823	10/21/2022 12:35	18.0	25.6	0.3	56.1	-0.03	-0.03	-45.93	58.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	10/4/2022 9:45	57.4	36.4	0.7	5.5	-45.30	-45.31	-45.60	62.8	1.6	Valve Adjustment:No Change,Valve 100% open
OXEW1824	10/20/2022 14:13	58.7	35.5	0.1	5.7	-46.08	-46.10	-45.84	82.3	17.3	Valve Adjustment:No Change,Valve 100% open,Opened valve 1/2 turn or less
OXEW1825	10/4/2022 10:00	57.1	36.2	0.3	6.4	-9.90	-11.00	-46.93	58.2	44.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1825	10/20/2022 14:07	59.0	39.5	0.0	1.5	-0.17	-1.56	-45.87	82.2	0.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1826	10/12/2022 9:04	52.0	35.8	2.0	10.2	-0.84	-0.84	-43.72	55.8	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	10/25/2022 12:01	20.1	14.5	12.8	52.6	-0.97	-0.95	-43.16	63.4	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	10/25/2022 12:03	22.0	16.3	11.9	49.8	-0.96	-0.94	-43.06	63.3	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	10/31/2022 12:50	41.7	33.7	3.7	20.9	-0.78	-0.79	-43.78	62.4	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	10/14/2022 12:12	20.3	17.9	14.1	47.7	-37.96	-36.76	-45.19	69.2	4.0	Valve Adjustment:No Change,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	10/14/2022 12:16	13.1	11.2	17.4	58.3	-11.43	-11.17	-44.90	69.6	4.8	Valve Adjustment:No Change,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	10/28/2022 10:09	11.3	9.9	18.3	60.5	-24.39	-4.41	-43.36	69.9	3.2	Valve Adjustment:No Change,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	10/28/2022 10:16	22.4	18.0	14.1	45.5	-42.40	-15.82	-43.04	70.5	6.5	Valve Adjustment:No Change,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1902	10/13/2022 14:26	57.3	37.7	0.0	5.0	-1.68	-2.45	-40.76	85.1	25.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1902	10/27/2022 13:36	49.7	43.4	0.0	6.9	-3.50	-3.42	-40.48	82.8	37.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1904	10/14/2022 9:08	54.0	38.2	0.0	7.8	-13.27	-13.26	-44.17	101.8	40.3	Valve Adjustment:No Change,Valve 50% open
OXEW1904	10/27/2022 13:45	52.9	44.2	0.1	2.8	-12.01	-12.01	-44.26	115.9	38.6	Valve Adjustment:No Change,Valve 50% open
OXEW1908	10/10/2022 12:01	59.0	39.8	0.0	1.2	-15.74	-15.70	-16.22	106.1	11.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1908	10/17/2022 12:29	61.0	39.0	0.0	0.0	-9.96	-9.82	-9.96	107.1	22.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1908	10/26/2022 9:30	58.5	41.3	0.0	0.2	-12.23	-12.33	-12.00	105.0	20.2	Valve Adjustment:No Change,Valve 100% open
OXEW1909	10/25/2022 11:52	47.6	52.3	0.1	0.0	-0.34	-0.34	-37.42	74.0	4.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1910	10/11/2022 12:08	41.1	38.1	1.2	19.6	-34.36	-34.36	-42.87	114.8	146.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 75% open
OXEW1910	10/18/2022 9:45	41.9	37.0	1.6	19.5	-32.32	-29.73	-41.43	117.3	108.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXEW1910	10/26/2022 11:33	40.1	42.9	2.0	15.0	-28.99	-24.75	-40.70	121.0	116.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXEW1911	10/12/2022 11:44	57.1	39.2	0.1	3.6	-41.63	-41.59	-43.34	128.7	10.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1911	10/27/2022 12:32	57.6	40.6	0.2	1.6	-42.02	-42.33	-44.19	127.8	9.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW1912	10/10/2022 14:09	53.4	38.7	0.0	7.9	-15.47	-15.54	-43.86	125.2	31.0	Valve Adjustment:No Change,Valve 35% open

OXEW1912	10/27/2022 9:12	53.4	39.7	0.0	6.9	-13.64	-13.58	-43.84	124.2	30.5	Valve Adjustment:No Change,Valve 35% open
OXEW1913	10/3/2022 12:33	24.9	27.6	0.1	47.4	-0.43	-0.44	-46.61	95.3	2.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1913	10/25/2022 12:13	33.1	31.4	0.0	35.5	-0.24	-0.19	-43.55	90.8	4.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1914	10/12/2022 12:12	58.7	39.7	0.0	1.6	-42.95	-42.96	-42.54	102.4	22.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1914	10/26/2022 14:02	55.3	44.6	0.1	0.0	-44.14	-44.14	-43.85	101.5	6.9	Valve Adjustment:No Change,Valve 100% open
OXEW1915	10/4/2022 9:05	57.2	39.3	0.0	3.5	-0.04	-0.10	-48.22	68.8	2.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1915	10/20/2022 13:26	57.3	40.3	0.0	2.4	-0.58	-0.58	-48.32	78.8	4.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1916	10/4/2022 13:39	53.9	38.1	1.2	6.8	-45.46	-45.06	-46.40	77.0	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1916	10/21/2022 12:57	56.3	41.3	0.8	1.6	-40.94	-40.76	-46.93	62.5	1.7	Valve Adjustment:No Change,Valve at minimum position
OXEW1917	10/4/2022 13:28	51.2	37.8	0.1	10.9	-37.68	-37.62	-46.30	81.6	4.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1917	10/21/2022 13:45	51.5	41.4	0.1	7.0	-38.62	N/A	-46.96	74.0	4.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1917	10/25/2022 13:30	51.0	38.8	0.2	10.0	-36.52	-36.54	-43.96	78.0	3.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1919	10/4/2022 12:58	12.4	18.1	4.4	65.1	-13.84	-9.63	-45.41	75.3	10.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	10/21/2022 12:24	37.1	32.7	0.2	30.0	-0.01	-0.02	-46.30	59.4	1.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	10/4/2022 12:51	11.1	17.0	3.0	68.9	-7.66	-4.81	-44.80	71.3	5.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	10/21/2022 12:31	16.0	24.4	0.1	59.5	-14.03	-10.98	-45.64	62.0	14.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1921	10/4/2022 12:29	55.3	38.6	0.3	5.8	-42.44	-42.46	-46.26	115.2	32.6	Valve Adjustment:No Change,Valve 65% open
OXEW1921	10/21/2022 12:47	57.3	41.9	0.1	0.7	-43.12	-42.94	-46.63	114.5	31.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW2001	10/10/2022 12:53	50.8	41.8	0.1	7.3	-0.71	-0.72	-45.49	127.0	10.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2001	10/21/2022 13:19	51.8	42.6	0.0	5.6	-0.72	-0.72	-48.68	124.3	10.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2002	10/3/2022 13:22	56.8	40.1	0.0	3.1	0.19	-0.05	-49.58	122.1	14.6	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open
OXEW2002	10/3/2022 13:24	57.1	40.9	0.0	2.0	-0.14	-0.19	-50.21	121.7	15.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2002	10/20/2022 12:48	57.1	41.3	0.0	1.6	-0.45	-0.84	-49.17	121.6	29.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2003	10/3/2022 14:13	56.1	41.8	0.0	2.1	19.28	-0.05	-50.45	89.6	3.3	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open
OXEW2003	10/3/2022 14:14	56.7	40.2	0.0	3.1	-0.99	-1.00	-49.82	113.5	14.5	Valve Adjustment:No Change
OXEW2003	10/20/2022 13:41	55.6	41.6	0.3	2.5	-33.54	-33.53	-48.62	116.5	25.7	Valve Adjustment:No Change,Valve 10% open
OXEW2004	10/4/2022 9:34	54.2	41.3	0.0	4.5	-33.82	-33.82	-51.87	129.0	58.0	Valve Adjustment:No Change,Valve 60% open
OXEW2004	10/20/2022 13:52	54.5	39.3	0.0	6.2	-33.97	-33.97	-52.66	129.1	59.4	Valve Adjustment:No Change,Valve 60% open
OXEW2005	10/4/2022 9:41	54.6	40.7	0.0	4.7	-3.36	-3.36	-45.79	121.6	5.8	Valve Adjustment:No Change,Valve 20% open
OXEW2005	10/20/2022 14:01	55.9	40.3	0.0	3.8	-3.07	-3.07	-46.09	123.2	5.9	Valve Adjustment:No Change,Valve 20% open
OXEW2007	10/4/2022 12:35	46.2	34.1	1.5	18.2	-41.87	-40.50	-45.51	109.6	15.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2007	10/21/2022 12:39	46.6	36.4	1.4	15.6	-35.80	-34.67	-46.10	107.3	12.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2008	10/4/2022 13:07	48.3	32.9	0.1	18.7	-45.49	-45.54	-45.39	79.9	5.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXEW2008	10/17/2022 11:31	46.5	33.0	0.1	20.4	-45.92	-45.91	-45.71	78.8	2.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXEW2009	10/10/2022 13:04	54.5	42.0	0.5	3.0	-46.12	-46.12	-46.32	103.9	15.8	Valve Adjustment:No Change,Valve 50% open

OXEW2009	10/26/2022 12:53	56.9	36.0	1.2	5.9	-45.96	-45.98	-46.04	102.8	10.4	Valve Adjustment:No Change
OXEW2010	10/4/2022 13:31	55.7	37.0	0.1	7.2	-3.98	-3.98	-46.49	79.3	6.1	Valve Adjustment:No Change,Valve at minimum position
OXEW2010	10/26/2022 13:43	54.2	45.7	0.1	0.0	-2.32	-2.28	-45.71	75.4	18.6	Valve Adjustment:No Change,Valve at minimum position
OXEW2011	10/7/2022 12:40	56.5	42.5	0.0	1.0	-0.56	-0.56	-39.07	117.2	9.6	Valve Adjustment:No Change,Valve 10% open
OXEW2011	10/21/2022 13:05	56.7	42.9	0.0	0.4	-0.86	-0.84	-46.26	114.8	10.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2012	10/3/2022 13:42	52.6	38.1	0.1	9.2	-16.49	-16.34	-50.57	111.3	14.9	Valve Adjustment:No Change
OXEW2012	10/20/2022 12:34	53.3	38.5	0.1	8.1	-13.07	-13.07	-49.75	111.8	16.3	Valve Adjustment:No Change,Valve 25% open
OXEW2016	10/11/2022 12:54	58.5	41.4	0.1	0.0	-6.18	-2.91	-44.67	132.1	17.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 5% open
OXEW2016	10/11/2022 12:54	58.2	41.2	0.3	0.3	-2.67	-2.67	-44.74	130.1	12.2	Valve Adjustment:No Change
OXEW2016	10/27/2022 9:34	53.9	41.7	0.2	4.2	0.55	-0.06	-42.57	127.0	12.6	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open
OXEW2016	10/27/2022 9:35	58.2	41.1	0.0	0.7	-0.44	-0.40	-42.06	128.4	11.2	Valve Adjustment:No Change
OXEW2017	10/10/2022 14:13	58.6	39.5	0.5	1.4	-2.45	-2.65	-43.12	127.1	28.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2017	10/27/2022 9:23	52.2	41.0	0.7	6.1	-4.85	-4.85	-42.31	124.7	35.9	Valve Adjustment:No Change,Valve 40% open
OXEW2020	10/14/2022 9:36	57.6	42.3	0.1	0.0	-7.00	-7.35	-45.67	130.2	12.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2020	10/18/2022 12:54	57.8	42.1	0.1	0.0	-7.75	-7.88	-40.70	130.0	12.7	Valve Adjustment:No Change
OXEW2021	10/12/2022 14:18	42.1	32.0	0.2	25.7	-28.41	-23.96	-43.85	114.8	15.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2021	10/18/2022 12:35	62.3	37.7	0.0	0.0	-3.32	-5.66	-41.54	102.7	2.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2022	10/14/2022 10:41	55.1	39.8	0.1	5.0	-43.48	-43.69	-46.36	125.4	36.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2022	10/19/2022 11:27	55.6	37.4	0.1	6.9	-38.98	-39.13	-40.11	125.9	30.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2022	10/28/2022 13:14	56.2	43.3	0.1	0.4	-45.32	-45.00	-44.43	125.7	27.1	Valve Adjustment:No Change
OXEW2023	10/13/2022 13:57	59.4	39.1	0.1	1.4	-39.30	-39.41	-39.85	124.8	58.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2023	10/28/2022 13:27	57.7	42.2	0.1	0.0	-40.51	-40.10	-39.83	124.4	54.0	Valve Adjustment:No Change,Valve 100% open
OXEW2024	10/10/2022 11:40	57.9	40.4	0.0	1.7	-1.49	-2.10	-40.78	113.9	17.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2024	10/17/2022 12:54	58.7	41.0	0.0	0.3	-2.16	-3.12	-40.47	114.1	23.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2025	10/10/2022 10:58	59.8	38.4	0.1	1.7	-38.95	-38.94	-39.30	65.3	10.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2025	10/20/2022 9:15	60.6	35.2	0.4	3.8	-33.42	-33.40	-33.62	82.2	64.1	Valve Adjustment:No Change,Valve 100% open
OXEW2026	10/10/2022 10:54	58.6	39.6	0.0	1.8	-30.18	-30.18	-43.18	101.5	88.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2026	10/25/2022 15:24	57.3	42.7	0.0	0.0	-0.01	-0.01	-43.73	100.9	3.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2026	10/25/2022 15:45	58.9	40.9	0.0	0.2	-0.16	-14.59	-43.41	99.9	19.7	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 50% open
OXEW2026	10/25/2022 15:48	57.8	42.1	0.1	0.0	-17.22	-28.31	-46.51	103.7	63.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2028	10/10/2022 10:51	54.9	38.6	0.7	5.8	-42.56	-42.57	-42.92	60.9	5.9	Valve Adjustment:No Change,Valve 15% open
OXEW2028	10/25/2022 15:17	54.3	37.6	1.8	6.3	-43.99	-44.01	-43.59	68.7	0.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2029	10/14/2022 10:34	51.0	38.7	1.0	9.3	-3.72	-2.81	-46.21	122.3	19.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2029	10/19/2022 11:32	53.5	36.5	0.7	9.3	-2.21	-2.20	-41.21	124.5	12.0	Valve Adjustment:No Change
OXEW2029	10/28/2022 13:10	52.8	42.4	1.4	3.4	-3.12	-3.03	-44.14	122.9	7.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open

OXEW2030	10/13/2022 14:11	58.7	39.2	0.2	1.9	-15.86	-15.86	-16.01	122.8	14.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2030	10/27/2022 9:55	53.7	41.0	0.2	5.1	-12.04	-12.04	-11.82	120.6	12.2	Valve Adjustment:No Change,Valve 100% open
OXEW2031	10/11/2022 13:07	53.8	40.6	0.0	5.6	-42.90	-42.89	-43.94	126.7	8.5	Valve Adjustment:No Change,Valve 100% open
OXEW2031	10/27/2022 9:50	52.0	43.6	0.0	4.4	-41.03	-41.03	-41.95	126.2	3.8	Valve Adjustment:No Change,Valve 100% open
OXEW2101	10/12/2022 13:47	51.6	39.7	0.0	8.7	-0.65	-0.60	-43.85	125.1	16.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2101	10/18/2022 13:18	53.2	43.8	0.0	3.0	-0.45	-0.46	-40.17	125.4	15.6	Valve Adjustment:No Change
OXEW2102	10/10/2022 11:54	59.1	39.8	0.0	1.1	-15.17	-15.01	-16.73	82.4	19.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2102	10/17/2022 12:38	59.6	40.4	0.0	0.0	-9.30	-9.33	-10.24	96.7	18.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2103	10/10/2022 11:43	57.1	40.0	0.3	2.6	-2.72	-2.79	-40.78	109.9	37.3	Valve Adjustment:No Change,Valve 35% open
OXEW2103	10/17/2022 12:49	57.4	39.6	0.3	2.7	-2.72	-2.70	-40.95	109.5	37.7	Valve Adjustment:No Change,Valve 35% open
OXEW2104	10/14/2022 8:55	58.2	41.8	0.0	0.0	-0.34	-1.27	-43.72	110.0	40.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 20% open
OXEW2104	10/14/2022 8:55	57.9	42.1	0.0	0.0	-1.41	-1.43	-43.31	113.2	63.0	Valve Adjustment:No Change
OXEW2104	10/18/2022 9:58	57.6	42.2	0.0	0.2	-2.36	-2.43	-2.03	113.8	22.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2105	10/17/2022 12:20	60.4	39.5	0.1	0.0	1.71	-0.19	-10.79	108.8	50.6	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 25% open
OXEW2105	10/17/2022 12:24	60.8	38.3	0.1	0.8	-0.25	-2.94	-10.65	108.8	55.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2105	10/17/2022 13:14	60.1	38.7	0.0	1.2	-4.68	-7.93	-10.60	109.5	55.0	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 60% open
OXEW2105	10/18/2022 9:39	59.8	39.6	0.0	0.6	-10.51	-10.60	-11.92	109.7	46.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXEW2105	10/18/2022 12:23	59.5	40.4	0.1	0.0	-9.66	-9.70	-9.82	110.2	44.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2105	10/26/2022 9:36	57.7	42.3	0.0	0.0	-11.81	-11.76	-11.77	110.1	29.3	Valve Adjustment:No Change,Valve 100% open
OXEW2106	10/10/2022 14:06	56.6	39.9	0.0	3.5	-29.01	-29.14	-29.30	118.0	21.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2106	10/27/2022 8:58	52.5	40.4	0.0	7.1	-29.02	-29.09	-29.45	116.2	5.5	Valve Adjustment:No Change,Valve 100% open
OXEW2107	10/10/2022 12:56	52.4	39.5	0.1	8.0	-43.44	-43.35	-43.30	123.8	6.7	Valve Adjustment:No Change,Valve 45% open
OXEW2107	10/21/2022 13:22	52.0	42.9	0.0	5.1	-43.99	-43.91	-47.38	121.8	4.2	Valve Adjustment:No Change,Valve 45% open
OXEW2108	10/3/2022 13:27	56.6	40.3	0.0	3.1	-0.40	-0.39	-49.61	129.2	17.6	Valve Adjustment:No Change
OXEW2108	10/20/2022 12:40	56.8	41.0	0.0	2.2	-0.05	-0.27	-48.94	129.2	17.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2109	10/7/2022 12:44	41.6	38.8	0.0	19.6	-11.36	-9.03	-42.03	100.5	5.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2109	10/21/2022 13:35	55.7	44.3	0.0	0.0	-0.05	-1.02	-49.11	57.8	5.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2110	10/13/2022 14:02	59.3	37.4	0.1	3.2	-38.86	-38.88	-38.68	108.2	12.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2110	10/28/2022 13:33	54.6	42.6	2.8	0.0	-39.40	-39.37	-38.32	106.4	67.7	Valve Adjustment:No Change,Valve 100% open
OXEW2111	10/14/2022 8:44	52.9	40.9	0.1	6.1	-9.39	-9.75	-44.27	98.8	97.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXEW2111	10/28/2022 13:57	52.7	41.0	0.2	6.1	-10.32	-10.35	-43.50	99.1	129.9	Valve Adjustment:Valve 100% open
OXEW2112	10/11/2022 11:11	53.5	43.3	0.1	3.1	-40.76	-40.74	-46.89	107.5	6.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2112	10/26/2022 11:13	46.9	52.9	0.2	0.0	-40.30	-40.13	-45.84	109.2	5.4	Valve Adjustment:No Change,Valve 100% open
OXEW2113	10/11/2022 10:52	47.2	37.4	0.5	14.9	-33.40	-32.76	-47.21	124.2	62.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXEW2113	10/26/2022 11:20	47.4	43.9	0.3	8.4	-31.78	-30.07	-44.92	123.7	58.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 55% open

OXEW2207	10/10/2022 11:58	54.8	39.4	0.0	5.8	-13.15	-13.12	-16.07	114.1	97.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2207	10/17/2022 12:33	55.0	39.4	0.0	5.6	-8.35	-8.52	-9.92	113.1	74.0	Valve Adjustment:Valve at minimum position,Valve 100% open
OXEW2207	10/26/2022 9:48	55.2	42.1	0.0	2.7	-10.02	-10.00	-11.77	113.2	78.8	Valve Adjustment:No Change,Valve 100% open
OXEW2208	10/11/2022 11:20	41.9	35.8	0.0	22.3	-4.04	-2.48	-41.38	122.8	51.5	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 5% open
OXEW2208	10/26/2022 11:26	52.8	47.2	0.0	0.0	-0.05	-0.06	-41.61	122.1	18.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2209	10/10/2022 11:47	54.6	38.8	0.0	6.6	-38.88	-38.94	-40.06	96.2	58.5	Valve Adjustment:No Change,Valve 100% open
OXEW2209	10/17/2022 12:45	54.5	39.0	0.1	6.4	-38.88	-38.90	-39.67	96.2	56.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2210	10/13/2022 14:29	49.2	36.6	0.3	13.9	-20.38	-20.50	-40.20	115.1	18.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2210	10/27/2022 13:39	50.3	43.6	0.1	6.0	-19.22	-19.20	-40.44	113.6	16.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2211	10/13/2022 13:39	60.0	38.2	0.0	1.8	-37.46	-37.26	-37.93	124.2	64.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2211	10/28/2022 13:19	56.6	43.3	0.1	0.0	-38.95	-38.22	-37.75	121.8	73.1	Valve Adjustment:No Change,Valve 100% open
OXEW2212	10/10/2022 11:30	57.1	39.7	0.0	3.2	-0.53	-0.76	-38.59	113.7	16.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2212	10/17/2022 12:59	57.4	40.6	0.0	2.0	-0.79	-0.79	-38.23	113.2	19.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2213	10/10/2022 11:04	56.3	38.6	0.0	5.1	-31.81	-31.76	-42.70	107.7	180.0	Valve Adjustment:No Change,Valve 90% open
OXEW2213	10/18/2022 10:05	57.4	40.9	0.0	1.7	-30.04	-30.21	-39.45	107.6	166.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXEW2214	10/13/2022 14:18	50.8	35.5	0.0	13.7	-1.50	-1.45	-45.85	105.2	9.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2214	10/28/2022 11:52	46.3	41.0	0.0	12.7	-1.69	-1.58	-45.21	103.0	33.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	10/4/2022 8:57	0.6	3.5	19.9	76.0	-0.11	-0.10	-49.32	55.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEWHC6A**	10/4/2022 8:58	0.1	2.2	20.1	77.6	-0.19	-0.19	-49.23	55.9	0.2	Valve Adjustment:No Change
OXEWHC6A**	10/20/2022 13:35	0.3	1.0	20.2	78.5	-2.16	-2.15	-48.38	80.6	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXHC1922	10/11/2022 12:15	42.1	33.2	4.0	20.7	-0.35	-0.19	-42.98	89.9	13.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXHC1922	10/26/2022 11:38	54.1	41.6	0.1	4.2	-0.25	-0.20	-41.39	78.9	9.2	Valve Adjustment:No Change,Valve 20% open
OXHC2000	10/13/2022 10:01	59.0	41.0	0.0	0.0	-8.58	-8.48	-46.18	82.9	149.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2000	10/26/2022 10:24	55.4	44.6	0.0	0.0	-8.98	-8.98	-45.27	84.4	148.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2001	10/13/2022 10:04	59.6	40.4	0.0	0.0	-15.06	-13.77	-45.10	71.5	122.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2001	10/26/2022 10:20	53.4	46.6	0.0	0.0	-15.26	-15.15	-44.32	71.3	121.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXHC2013	10/10/2022 13:54	58.7	39.2	0.1	2.0	-0.28	-0.28	-45.13	87.4	18.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXHC2013	10/26/2022 11:56	46.5	37.6	0.3	15.6	-8.21	-8.44	-45.31	77.4	8.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXHC2014	10/11/2022 10:59	58.7	41.3	0.0	0.0	-1.44	-1.56	-45.83	83.7	45.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2014	10/26/2022 10:57	54.2	45.8	0.0	0.0	-1.46	-1.41	-44.18	83.5	44.1	Valve Adjustment:No Change,Valve 100% open
OXHC2015	10/4/2022 8:29	59.5	38.0	0.0	2.5	-0.11	-0.12	-50.76	57.4	10.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXHC2015	10/18/2022 9:03	59.8	39.9	0.0	0.3	-0.63	-0.66	-50.92	66.3	11.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXHC2101	10/13/2022 10:16	56.1	40.0	0.0	3.9	-0.01	-0.02	-5.43	85.2	17.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXHC2101	10/26/2022 10:34	42.7	40.6	0.3	16.4	-0.09	-0.07	-5.57	90.7	17.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
<b>OXLCRA41</b>	10/4/2022 8:34	58.6	37.3	0.0	4.1	-15.89	-23.59	-50.79	62.3	37.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open

OXLCR4A1	10/18/2022 9:06	58.7	40.1	0.0	1.2	-29.90	-22.43	-51.46	67.2	14.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCR4B1	10/4/2022 8:39	53.3	36.7	1.5	8.5	-1.12	-1.10	-50.62	56.9	5.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	10/18/2022 9:10	52.8	38.4	1.7	7.1	-2.11	-1.68	-50.30	69.3	16.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLRS07	10/13/2022 9:29	61.1	38.9	0.0	0.0	-0.13	-0.17	-44.77	63.6	6.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXLRS07	10/28/2022 12:01	43.2	34.4	4.6	17.8	-0.34	-0.36	-45.06	81.8	14.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXLRS10	10/13/2022 10:24	61.0	39.0	0.0	0.0	-1.65	-1.64	-5.34	89.3	14.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS10	10/28/2022 10:37	56.8	43.2	0.0	0.0	-1.76	-1.71	-5.20	89.8	14.4	Valve Adjustment:No Change,Valve 100% open
OXLRS11	10/13/2022 10:28	56.3	42.1	0.0	1.6	-0.92	-0.95	-5.76	86.0	16.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS11	10/28/2022 10:42	56.5	43.3	0.2	0.0	-1.09	-1.09	-5.60	86.5	16.4	Valve Adjustment:No Change,Valve 100% open
OXLRS3A	10/14/2022 11:03	55.7	44.3	0.0	0.0	-37.26	-39.08	-42.30	91.9	120.8	Valve Adjustment:No Change,Valve 100% open
OXLRS3A	10/21/2022 10:53	57.0	43.0	0.0	0.0	-37.70	-37.42	-42.95	91.7	112.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS3B	10/14/2022 11:02	55.6	44.4	0.0	0.0	-38.40	-38.12	-43.02	91.9	119.0	Valve Adjustment:No Change,Valve 100% open
OXLRS3B	10/21/2022 10:51	57.7	42.3	0.0	0.0	-37.93	-37.43	-43.68	92.5	135.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS7B	10/13/2022 9:24	60.7	39.0	0.3	0.0	-8.77	-10.52	-41.96	76.6	37.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXLRS7B	10/28/2022 11:57	45.4	37.1	2.9	14.6	-2.44	-7.86	-44.41	80.3	51.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXLRS9A	10/11/2022 11:02	50.5	48.1	0.0	1.4	-8.54	-8.22	-46.27	83.1	19.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLRS9A	10/28/2022 11:04	48.8	51.2	0.0	0.0	-0.50	-0.49	-44.36	83.1	26.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXLRS9B	10/11/2022 11:07	46.9	53.1	0.0	0.0	-0.40	-0.29	-24.35	79.9	12.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLRS9B	10/28/2022 11:09	39.0	61.0	0.0	0.0	-0.52	-0.50	-4.44	78.6	15.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXME302D	10/14/2022 11:12	60.9	39.1	0.0	0.0	4.96	-0.05	-45.91	104.6	0.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXME302D	10/14/2022 11:16	60.9	39.1	0.0	0.0	-0.57	-1.23	-45.51	113.9	12.6	Valve Adjustment:Opened valve 1/2 turn or less
OXME302D	10/18/2022 11:06	59.8	40.2	0.0	0.0	-4.98	-6.38	-41.29	116.5	11.3	Valve Adjustment:Opened valve 1/2 turn or less
OXME306D	10/14/2022 13:42	55.4	41.0	0.5	3.1	-44.01	-43.99	-44.82	127.1	12.1	Valve Adjustment:No Change,Valve 100% open
OXME306D	10/19/2022 9:44	55.7	40.3	0.0	4.0	-40.32	-40.25	-40.89	126.2	22.0	Valve Adjustment:Valve at minimum position,Valve 100% open
OXME312D	10/14/2022 10:26	54.0	39.2	0.0	6.8	-1.39	-1.39	-44.42	106.6	7.4	Valve Adjustment:No Change
OXME312D	10/28/2022 13:00	48.9	43.0	0.0	8.1	-3.02	-2.33	-43.82	109.3	94.9	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	10/12/2022 12:28	59.1	38.3	0.1	2.5	-36.82	-37.01	-38.67	127.0	26.7	Valve Adjustment:No Change,Valve 100% open
OXME316D	10/28/2022 14:11	55.6	44.3	0.1	0.0	-38.04	-38.03	-40.00	126.8	26.2	Valve Adjustment:No Change,Valve 100% open
OXME317D	10/12/2022 12:37	58.5	39.4	0.1	2.0	-41.38	-41.34	-41.15	85.0	38.3	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	10/28/2022 14:17	52.4	47.0	0.6	0.0	-42.90	-42.76	-42.63	79.7	15.0	Valve Adjustment:No Change
OXMEW113	10/14/2022 13:47	50.6	37.0	1.8	10.6	-11.79	-10.95	-44.43	81.0	89.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW113	10/25/2022 11:15	41.3	32.0	4.2	22.5	-12.82	-12.38	-43.50	65.9	28.6	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXMEW122	10/14/2022 10:07	58.1	41.4	0.3	0.2	-45.55	-45.56	-45.56	63.9	6.8	Valve Adjustment:No Change,Valve 100% open
OXMEW122	10/28/2022 9:42	58.5	34.0	0.6	6.9	-39.92	-40.01	-40.00	58.5	12.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW126	10/12/2022 9:49	57.6	42.4	0.0	0.0	-42.12	-42.13	-43.28	75.2	83.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less

OXMEW126	10/28/2022 11:13	53.9	43.0	0.0	3.1	-42.73	-42.68	-43.36	72.6	76.8	Valve Adjustment:No Change,Valve 100% open
OXMEW138	10/14/2022 10:59	56.0	42.7	0.0	1.3	-0.96	-1.52	-42.39	77.8	3.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW138	10/21/2022 10:48	52.6	40.9	0.0	6.5	-2.16	-2.17	-42.85	77.4	5.5	Valve Adjustment:No Change,Valve at minimum position
OXMEW145	10/14/2022 13:35	57.4	38.8	0.3	3.5	-42.85	-42.95	-43.59	96.5	23.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW145	10/25/2022 11:02	53.2	40.7	0.1	6.0	-42.35	-42.44	-42.07	93.8	4.8	Valve Adjustment:No Change,Valve 100% open
OXMEW156	10/4/2022 8:54	57.2	40.3	0.0	2.5	-2.50	-2.52	-48.82	56.4	1.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW156	10/20/2022 13:10	57.3	41.1	0.0	1.6	-2.41	-2.38	-48.50	84.2	3.7	Valve Adjustment:No Change,Valve at minimum position
OXMEW158	10/12/2022 9:40	56.2	43.2	0.1	0.5	-0.25	-0.18	-43.38	57.3	7.1	Valve Adjustment:No Change,Valve at minimum position
OXMEW158	10/25/2022 10:46	56.2	43.3	0.0	0.5	-0.27	-0.32	-43.62	59.9	0.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW159	10/12/2022 9:43	55.7	44.0	0.0	0.3	-12.94	-12.89	-43.44	71.2	30.3	Valve Adjustment:No Change,Valve at minimum position
OXMEW159	10/25/2022 10:49	55.5	42.7	0.0	1.8	-13.09	-13.58	-43.79	70.8	3.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW162	10/14/2022 10:31	60.6	39.4	0.0	0.0	-0.16	-0.97	-45.61	60.0	2.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW162	10/21/2022 10:31	43.3	28.3	4.3	24.1	-37.91	-36.46	-45.97	63.8	3.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW170	10/4/2022 9:52	37.8	30.9	0.0	31.3	-45.21	-44.67	-45.66	63.6	1.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW170	10/20/2022 14:19	39.2	30.8	0.5	29.5	-43.77	-40.85	-43.93	80.3	1.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW173	10/4/2022 13:14	18.7	13.3	12.9	55.1	-1.22	-1.22	-48.08	71.6	3.8	Valve Adjustment:NSP/SCAI,Closed valve 1/2 turn or less
OXMEW173	10/4/2022 13:15	19.4	13.4	12.0	55.2	-1.21	-1.21	-47.89	72.2	7.7	Valve Adjustment:NSPS
OXMEW173	10/14/2022 12:22	39.0	27.5	4.7	28.8	-1.09	-1.08	-47.64	69.0	2.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	10/27/2022 11:50	53.7	41.8	4.5	0.0	-1.40	-1.39	-47.32	70.0	5.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW174	10/4/2022 8:50	57.5	38.9	0.0	3.6	-0.76	-0.93	-49.43	67.4	6.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW174	10/20/2022 13:07	57.1	39.7	0.0	3.2	-1.21	-1.20	-48.93	80.2	5.2	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	10/4/2022 9:01	57.2	39.1	0.2	3.5	-0.07	-0.07	-48.51	63.7	2.6	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	10/20/2022 13:23	60.7	20.1	0.1	19.1	-0.05	-1.80	-48.80	86.4	2.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW176	10/14/2022 12:35	56.9	36.8	0.1	6.2	-20.18	-20.30	-13.95	111.4	45.8	Valve Adjustment:No Change
OXMEW176	10/26/2022 13:12	54.0	45.8	0.2	0.0	-20.04	-20.08	-14.75	110.9	49.1	Valve Adjustment:No Change
OXMEW181	10/12/2022 9:14	57.0	42.0	0.0	1.0	-14.58	-15.90	-43.28	113.6	40.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	10/25/2022 12:17	51.5	41.7	0.1	6.7	-17.48	-17.40	-43.43	113.5	42.5	Valve Adjustment:No Change
OXMEW182	10/14/2022 10:10	51.9	39.4	0.0	8.7	-40.43	-40.54	-44.54	119.7	19.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMEW182	10/26/2022 14:29	50.4	46.8	0.1	2.7	-39.99	-39.84	-43.34	119.6	9.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMEW183	10/14/2022 13:01	58.2	39.9	0.0	1.9	-4.63	-8.94	-44.06	117.3	36.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW183	10/19/2022 10:36	46.2	39.3	0.0	14.5	-10.83	-10.36	-40.06	116.5	57.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	10/12/2022 13:06	57.5	39.5	0.0	3.0	-0.16	-0.34	-19.24	124.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW184	10/19/2022 10:55	53.8	42.6	0.0	3.6	-0.63	-0.62	-7.43	123.2	26.9	Valve Adjustment:No Change
OXMEW185	10/12/2022 13:10	53.6	39.4	0.2	6.8	-0.46	-0.46	-42.89	119.2	14.3	Valve Adjustment:No Change
OXMEW185	10/19/2022 10:47	49.7	40.3	0.2	9.8	-0.74	-0.70	-40.69	118.1	22.1	Valve Adjustment:Closed valve 1/2 turn or less



OXMEW186	10/10/2022 12:22	1.2	1.4	21.6	75.8	-0.01	-0.01	-43.68	66.5	0.7	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less
OXMEW186	10/10/2022 12:26	47.3	38.3	2.6	11.8	-0.29	-0.29	-43.76	76.3	4.2	Valve Adjustment: Opened valve 1/2 turn or less, Valve 10% open
OXMEW186	10/28/2022 14:43	47.5	50.3	2.2	0.0	-0.25	-0.24	-43.54	84.1	2.8	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open
OXMEW187	10/12/2022 13:29	53.5	41.9	0.0	4.6	-0.20	-0.20	-42.28	117.9	28.4	Valve Adjustment: No Change
OXMEW187	10/28/2022 11:36	48.9	42.1	0.0	9.0	-0.81	-0.79	-43.12	116.0	42.1	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW188	10/12/2022 13:37	53.9	40.1	0.0	6.0	-0.31	-0.30	-0.88	108.7	10.1	Valve Adjustment: No Change
OXMEW188	10/18/2022 13:29	53.2	41.4	0.0	5.4	-0.36	-0.36	-29.80	108.0	9.2	Valve Adjustment: No Change
OXMEW189	10/12/2022 13:42	52.2	37.5	0.1	10.2	-6.75	-6.17	-42.57	123.7	75.9	Valve Adjustment: No Change
OXMEW189	10/18/2022 13:25	50.4	40.1	0.1	9.4	-6.57	-5.65	-39.50	123.2	76.9	Valve Adjustment: No Change
OXMEW190	10/14/2022 10:29	52.1	39.7	0.3	7.9	-14.60	-14.60	-43.85	126.2	38.7	Valve Adjustment: No Change, Valve 40% open
OXMEW190	10/28/2022 13:03	51.4	44.6	0.2	3.8	-15.58	-15.54	-43.31	125.1	24.1	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW191	10/4/2022 9:29	57.1	40.1	0.0	2.8	1.39	-0.05	-48.97	119.8	0.0	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less
OXMEW191	10/4/2022 9:30	55.9	41.0	0.0	3.1	-0.15	-0.15	-48.77	125.0	21.7	Valve Adjustment: No Change
OXMEW191	10/20/2022 13:48	50.6	39.4	0.0	10.0	-2.94	-2.89	-48.51	123.7	17.9	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW192	10/3/2022 13:47	40.6	36.1	0.1	23.2	-16.77	-13.02	-50.13	101.7	0.0	Valve Adjustment: Closed valve 1/2 turn or less, Valve 25% open
OXMEW192	10/20/2022 10:23	44.6	40.1	0.0	15.3	-7.79	-4.52	-44.84	98.9	35.0	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXMEW194	10/12/2022 9:08	55.0	39.6	0.5	4.9	-42.93	-42.96	-43.59	88.2	19.9	Valve Adjustment: No Change
OXMEW194	10/25/2022 12:06	51.9	39.6	1.2	7.3	-42.73	-42.70	-43.00	87.8	20.4	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW196	10/14/2022 10:05	48.8	38.3	0.0	12.9	-8.51	-8.51	-44.66	58.1	6.3	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW196	10/26/2022 14:34	47.4	47.4	0.2	5.0	-8.33	-8.31	-42.90	71.0	15.7	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW199	10/14/2022 10:00	53.9	39.4	0.0	6.7	-9.53	-9.53	-43.72	124.0	61.3	Valve Adjustment: No Change
OXMEW199	10/26/2022 14:39	51.2	48.8	0.0	0.0	-11.55	-11.55	-42.46	123.5	113.8	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW200	10/12/2022 13:25	57.4	41.7	0.0	0.9	0.55	-0.04	-42.34	94.1	0.0	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less
OXMEW200	10/12/2022 13:26	57.5	42.2	0.0	0.3	-0.07	-0.12	-43.18	110.6	27.7	Valve Adjustment: Opened valve 1/2 turn or less
OXMEW200	10/28/2022 11:30	49.0	41.4	0.0	9.6	-1.33	-1.26	-43.13	118.8	41.5	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW201	10/12/2022 13:16	56.9	39.8	0.0	3.3	-0.05	-0.15	-42.81	93.1	7.9	Valve Adjustment: Opened valve 1/2 turn or less
OXMEW201	10/18/2022 10:51	48.2	39.8	0.0	12.0	-0.63	-0.62	-40.63	105.6	8.3	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW203	10/14/2022 11:24	57.0	39.6	0.6	2.8	-1.06	-1.50	-44.96	68.5	0.8	Valve Adjustment: Opened valve 1/2 turn or less
OXMEW203	10/14/2022 13:52	58.1	34.6	0.8	6.5	-3.76	-3.77	-44.57	75.8	5.6	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
OXMEW203	10/25/2022 11:19	51.4	32.8	1.4	14.4	-2.88	-2.87	-43.49	70.7	2.5	Valve Adjustment: No Change
OXMEW204	10/14/2022 11:21	53.5	44.2	0.1	2.2	-2.45	-3.30	-42.73	96.0	3.0	Valve Adjustment: Opened valve 1/2 turn or less
OXMEW204	10/21/2022 11:07	43.4	37.9	0.3	18.4	-8.79	-6.52	-43.98	99.4	4.9	Valve Adjustment: Closed valve 1/2 turn or less, Valve 20% open
OXMEW205	10/14/2022 13:11	55.4	40.9	0.2	3.5	-0.02	-0.06	-44.08	102.7	0.0	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open
OXMEW205	10/28/2022 11:41	52.1	45.1	0.3	2.5	-0.16	-0.14	-43.57	108.4	0.0	Valve Adjustment: No Change, Valve 20% open
OXMEW209	10/12/2022 14:02	58.2	41.4	0.0	0.4	-1.61	-1.97	-43.51	127.8	14.9	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open

OXMEW209	10/18/2022 13:05	57.0	43.0	0.0	0.0	-2.23	-2.23	-41.42	129.7	14.5	Valve Adjustment:No Change
OXMEW210	10/14/2022 13:37	50.1	37.9	0.2	11.8	-41.38	-41.39	-44.07	125.9	10.7	Valve Adjustment:No Change, Valve 100% open
OXMEW210	10/19/2022 9:38	49.1	35.7	0.1	15.1	-38.04	-37.85	-40.13	125.9	17.5	Valve Adjustment:Closed valve 1/2 turn or less, Valve 95% open
OXMEW300	10/14/2022 11:00	56.5	36.3	1.8	5.4	-3.40	-3.40	-45.81	99.3	19.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW300	10/18/2022 12:40	58.2	37.0	1.8	3.0	-2.48	-2.49	-40.58	99.4	23.9	Valve Adjustment:No Change
OXMEW302	10/12/2022 14:10	14.4	24.2	0.0	61.4	-16.23	-15.23	-42.85	113.5	16.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	10/18/2022 11:33	41.2	31.0	0.0	27.8	-10.26	-9.06	-41.35	112.4	15.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	10/14/2022 13:45	43.3	36.5	0.0	20.2	-0.95	-0.92	-40.39	101.8	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	10/19/2022 9:48	37.7	35.4	0.0	26.9	-1.16	-1.16	-39.85	104.2	5.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	10/14/2022 13:32	59.5	39.3	0.6	0.6	-43.84	-43.80	-43.73	89.4	3.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW307	10/25/2022 10:59	57.5	40.4	0.7	1.4	-43.27	-43.21	-42.72	82.3	1.7	Valve Adjustment:No Change,Valve 100% open
OXMEW309	10/12/2022 13:57	47.8	37.5	0.3	14.4	-27.35	-26.75	-42.40	129.0	58.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	10/18/2022 13:01	47.4	39.2	0.3	13.1	-25.51	-25.48	-39.27	128.8	49.1	Valve Adjustment:No Change
OXMEW310	10/11/2022 13:26	46.5	40.1	0.0	13.4	-7.41	-6.38	-42.57	116.1	10.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	10/27/2022 10:24	48.7	40.9	0.0	10.4	-4.25	-4.15	-40.80	113.3	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	10/14/2022 12:08	46.8	40.9	0.0	12.3	-25.33	-24.77	-44.30	119.2	30.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	10/19/2022 10:22	45.9	36.7	0.2	17.2	-23.23	-23.08	-41.07	119.1	27.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	10/14/2022 10:23	51.7	39.4	0.0	8.9	-3.20	-3.18	-44.10	99.0	8.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	10/28/2022 12:57	53.2	43.8	0.1	2.9	-4.70	-4.51	-43.63	91.6	96.1	Valve Adjustment:No Change
OXMEW315	10/14/2022 10:51	51.6	39.3	0.0	9.1	-42.65	-42.52	-43.91	121.7	26.1	Valve Adjustment:Closed valve 1/2 turn or less, Valve 80% open
OXMEW315	10/19/2022 11:14	49.1	35.5	0.1	15.3	-38.47	-38.47	-39.38	122.0	21.6	Valve Adjustment:Closed valve 1/2 turn or less, Valve 80% open
OXMEW316	10/12/2022 12:25	60.4	39.2	0.0	0.4	-39.42	-39.26	-40.68	116.1	8.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	10/26/2022 14:09	54.0	46.0	0.0	0.0	-40.48	-40.43	-42.02	114.8	15.8	Valve Adjustment:No Change
OXMEW317	10/12/2022 12:32	59.6	39.7	0.0	0.7	-41.22	-40.91	-41.21	106.8	16.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	10/26/2022 14:15	55.3	44.6	0.1	0.0	-43.01	-42.90	-42.69	106.0	23.9	Valve Adjustment:No Change
OXMEW318	10/12/2022 12:52	52.7	36.8	0.0	10.5	-1.19	-1.19	-41.74	110.2	33.1	Valve Adjustment:No Change
OXMEW318	10/26/2022 14:24	51.2	44.4	0.0	4.4	-1.26	-1.25	-43.39	108.6	45.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	10/11/2022 13:18	51.0	38.3	0.0	10.7	-12.47	-12.49	-43.68	108.3	52.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	10/27/2022 10:28	49.4	42.4	0.0	8.2	-12.10	-12.10	-42.67	108.4	19.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW320	10/14/2022 9:36	58.0	41.5	0.0	0.5	-44.53	-44.51	-44.42	124.2	13.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	10/27/2022 13:10	55.7	44.2	0.1	0.0	-43.02	-43.02	-42.84	124.3	19.9	Valve Adjustment:No Change
OXMEW322	10/12/2022 12:19	55.2	37.4	0.0	7.4	-42.24	-42.24	-42.87	118.8	22.6	Valve Adjustment:No Change, Valve 100% open
OXMEW322	10/26/2022 14:05	52.2	47.8	0.0	0.0	-43.38	-43.36	-44.03	118.1	21.6	Valve Adjustment:No Change,Valve 100% open
OXMEW323	10/12/2022 12:00	59.1	39.3	0.0	1.6	-34.12	-34.41	-40.17	115.5	14.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW323	10/27/2022 12:24	59.3	28.2	0.2	12.3	-34.91	-34.86	-41.30	115.8	22.2	Valve Adjustment:Opened valve 1/2 turn or less

OXMEW328	10/10/2022 14:16	60.0	40.0	0.0	0.0	-29.63	-30.47	-36.29	120.6	16.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	10/27/2022 9:19	57.6	42.1	0.0	0.3	-30.87	-30.78	-37.31	100.0	35.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	10/14/2022 13:25	57.7	42.0	0.1	0.2	-45.23	-45.14	-44.79	64.0	N/A	
OXMEWHC1	10/25/2022 11:24	55.1	41.3	0.1	3.5	-43.53	-43.58	-43.44	59.9	N/A	Valve Adjustment:No Change, Valve 100% open
OXMEWW05	10/10/2022 13:08	56.6	42.7	0.0	0.7	-48.98	-49.01	-49.12	113.6	12.7	Valve Adjustment:Opened valve 1/2 turn or less, Valve 65% open
OXMEWW05	10/26/2022 12:57	53.6	46.3	0.1	0.0	-48.47	-48.41	-48.40	110.9	10.3	Valve Adjustment:No Change
OXMEWW06	10/10/2022 13:12	56.2	42.6	0.0	1.2	-48.74	-48.88	-48.89	98.3	9.2	Valve Adjustment:No Change, Valve 75% open
OXMEWW06	10/26/2022 13:05	52.1	47.8	0.1	0.0	-48.78	-48.67	-48.72	91.7	8.6	Valve Adjustment:No Change
OXMEWW08	10/3/2022 13:35	20.4	15.1	13.2	51.3	-4.11	-4.04	-49.72	74.9	1.3	Valve Adjustment:NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less
OXMEWW08	10/3/2022 13:39	17.7	12.9	14.2	55.2	-4.28	-4.28	-49.85	74.9	1.3	Valve Adjustment:NSPS
OXMEWW08	10/14/2022 13:19	20.0	15.3	13.1	51.6	-2.12	-2.08	-47.56	69.9	0.4	Valve Adjustment:NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less
OXMEWW08	10/14/2022 13:25	38.3	31.3	6.6	23.8	-0.13	-0.14	-48.42	68.2	0.1	Valve Adjustment:NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less
OXMEWW08	10/14/2022 14:33	44.3	35.2	3.8	16.7	-0.74	-0.74	-47.82	65.4	0.1	Valve Adjustment:No Change, Valve at minimum position
OXMEWW08	10/27/2022 11:26	54.5	44.1	0.4	1.0	2.98	-0.07	-46.53	66.9	2.1	Valve Adjustment:NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less
OXMEWW08	10/27/2022 11:27	48.6	44.4	4.1	2.9	-1.00	-0.97	-46.70	67.8	1.6	Valve Adjustment:No Change
OXMEWW17	10/10/2022 13:50	56.5	42.2	0.1	1.2	-41.15	-41.15	-41.22	80.5	9.3	Valve Adjustment:No Change
OXMEWW17	10/26/2022 12:02	50.4	42.9	1.7	5.0	-42.29	-42.23	-41.34	64.8	16.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW18	10/10/2022 13:59	58.6	41.1	0.1	0.2	-0.14	-4.79	-44.73	80.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less, Valve 5% open
OXMEWW18	10/28/2022 12:29	50.3	34.7	3.6	11.4	-3.03	-1.73	-45.37	68.1	94.4	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXMEWW1G	10/4/2022 13:34	52.0	40.5	0.0	7.5	-8.13	-8.10	-46.74	81.3	6.4	Valve Adjustment:No Change, Valve at minimum position
OXMEWW1G	10/26/2022 13:46	50.1	49.9	0.0	0.0	-9.11	-9.00	-45.84	80.6	6.9	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXMEWW1I	10/10/2022 13:35	46.6	37.6	0.1	15.7	-5.10	-4.16	-45.66	78.4	2.8	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXMEWW1I	10/26/2022 13:36	51.5	48.5	0.0	0.0	-1.02	-1.01	-45.69	74.1	1.0	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXMEWW1J	10/10/2022 13:32	45.8	37.4	1.3	15.5	-4.40	-2.19	-46.13	85.4	8.1	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open
OXMEWW1J	10/26/2022 13:32	50.1	49.9	0.0	0.0	-1.05	-1.04	-45.67	83.6	3.5	Valve Adjustment: Closed valve 1/2 turn or less
OXMEWW1K	10/10/2022 13:26	35.3	34.6	1.7	28.4	-47.25	-46.81	-48.19	97.3	16.5	Valve Adjustment: Closed valve 1/2 turn or less
OXMEWW1K	10/26/2022 13:24	31.3	41.3	2.4	25.0	-46.12	-44.07	-48.95	102.1	24.0	Valve Adjustment: Closed valve 1/2 turn or less
OXMEWW1S	10/10/2022 13:42	56.4	40.7	0.0	2.9	-40.05	-40.05	-40.78	75.9	25.0	Valve Adjustment: No Change
OXMEWW1S	10/26/2022 12:10	52.7	47.3	0.0	0.0	-41.14	-41.21	-41.61	75.0	28.6	Valve Adjustment: No Change
OXMHCF03	10/14/2022 13:58	56.6	42.5	0.2	0.7	-45.57	-45.82	-46.39	72.3	26.7	Valve Adjustment: No Change, Valve 100% open
OXMHCF03	10/28/2022 9:06	46.2	39.0	1.0	13.8	-39.83	-39.79	-39.50	65.2	10.8	Valve Adjustment: No Change, Valve 100% open
OXMHCF04	10/14/2022 14:04	51.0	43.2	2.2	3.6	-45.22	-45.23	-46.75	67.8	7.8	Valve Adjustment: No Change
OXMHCF04	10/28/2022 9:03	43.1	38.6	4.4	13.9	-39.44	-39.21	-39.68	47.8	8.3	Valve Adjustment: Closed valve 1/2 turn or less
OXMPEW30	10/7/2022 12:36	57.3	40.4	0.2	2.1	-41.16	-41.25	-41.73	79.2	18.8	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXMPEW30	10/21/2022 13:01	55.4	41.7	0.1	2.8	-49.13	-49.15	-49.27	60.9	13.7	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less

OXMPEW31	10/4/2022 13:23	55.4	41.7	0.2	2.7	-49.12	-48.85	-48.75	75.0	2.9	Valve Adjustment:No Change, Valve 100% open
OXMPEW31	10/21/2022 13:42	58.0	41.9	0.1	0.0	-49.86	-49.74	-49.60	65.6	14.1	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXMPEW32	10/4/2022 9:07	57.0	39.9	0.0	3.1	-12.50	-12.72	-48.25	79.5	16.7	Valve Adjustment:Valve at minimum position, Opened valve 1/2 turn or less
OXMPEW32	10/20/2022 13:30	57.5	40.8	0.0	1.7	-13.36	-14.64	-48.96	85.5	17.4	Valve Adjustment:Valve at minimum position, Opened valve 1/2 turn or less
OXMPEW33	10/4/2022 9:12	57.5	39.0	0.0	3.5	-1.23	-1.23	-49.48	77.9	4.6	Valve Adjustment:No Change
OXMPEW33	10/27/2022 11:44	56.1	41.0	0.1	2.8	-0.07	-0.11	-47.99	74.4	1.8	Valve Adjustment:Valve at minimum position, Opened valve 1/2 turn or less
<b>OXMPEW35</b>	10/7/2022 12:50	54.6	41.4	0.0	4.0	-9.67	-9.68	-40.58	127.4	18.1	Valve Adjustment:No Change
<b>OXMPEW35</b>	10/21/2022 13:14	54.9	44.0	0.0	1.1	-11.66	-11.66	-47.40	125.9	20.4	Valve Adjustment:No Change
OXMPEW44	10/10/2022 13:46	58.2	40.5	0.0	1.3	-40.86	-41.02	-40.98	86.1	23.0	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXMPEW44	10/26/2022 12:06	53.1	46.9	0.0	0.0	-42.30	-42.30	-41.52	79.3	2.9	Valve Adjustment:No Change, Valve 100% open
OXSS2033	10/13/2022 9:56	54.5	44.7	0.1	0.7	-0.63	-2.45	-45.61	62.4	0.7	Valve Adjustment:Valve at minimum position, Opened valve 1/2 turn or less
OXSS2033	10/26/2022 10:13	53.0	46.8	0.0	0.2	-4.65	-4.61	-44.14	75.2	4.8	Valve Adjustment:No Change, Valve at minimum position
OXSS2034	10/13/2022 9:51	57.6	40.4	0.3	1.7	-38.26	-38.34	-43.07	62.3	2.9	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXSS2034	10/26/2022 10:10	56.4	43.5	0.1	0.0	-37.04	-37.10	-41.65	63.2	11.3	Valve Adjustment:No Change, Valve 100% open

**bold italics** = HOV/LTCO approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions recorded by GEM.

\*\*Well OXEVHCE6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

≤140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii)  
OXEW1618, OXMEW205, OXMEV209, OXMPW35

≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(i)  
OMLTS01, OMLTS02, OMLTS03, OMLTS04, OMLTS05, OMLTS06, OMLTS07, OMLTS08, OMLTS09, OMLTS10, OMLTS11, OMLTS12, OMLTS15, OMLTS16, OMLTS17, OMLTS18, OMLTS19, OMLTS20, OXLCRS64, OXLCRS44, OXLCRS4B, OXLCRS66, OXLCRS66, OXLCRS07, OXMEWHCE6, OXMHCE6, OXMEVW17, and OXMHCE6.

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)  
OMLTS01, OMLTS02, OMLTS03, OMLTS04, OMLTS05, OMLTS06, OMLTS07, OMLTS08, OMLTS09, OMLTS10, OMLTS11, OMLTS12, OMLTS15, OMLTS16, OMLTS17, OMLTS18, OMLTS19, OMLTS20, OXLCRS64, OXLCRS44, OXLCRS4B, OXLCRS66, OXLCRS66, and OXLCRS07.

\*Wells that have been decommissioned are noted with a strikethrough.

**OX MOUNTAIN LANDFILL**  
Wellfield Monitoring Report - November 1, 2, 3, 4, 7, 9, 10, 11, 14, 15, 17, 18, 21, 22, 23, 28, 29, and 30, 2022

Device ID	Date and Time	CH <sub>4</sub>		CO <sub>2</sub>		O <sub>2</sub>		BAL		Initial Static Pressure		Adjusted Static Pressure		Lateral Pressure		Initial Temperature		Initial Flow*		Comments
		%		%		%		%		in. wk..	in. wk..	in. wk..	in. wk..	Deg. F.	scfm					
OMLEW101	11/2/2022 13:56	48.4	42.9	1.1	7.6	-1.57	-1.31	-41.40	76.7	2.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									
OMLEW101	11/22/2022 9:42	52.0	37.7	0.6	9.7	-1.38	-1.39	-42.00	73.5	28.3	Valve Adjustment: No Change, Valve at minimum position									
OMLEW104	11/10/2022 11:04	51.8	40.0	0.0	8.2	-10.65	-10.59	-40.00	80.2	28.9	Valve Adjustment: No Change									
OMLEW104	11/21/2022 13:56	51.8	35.9	0.2	12.1	-12.91	-12.40	-44.85	80.9	65.7	Valve Adjustment: Closed valve 1/2 turn or less									
OMLEW107	11/10/2022 10:58	58.7	38.6	0.1	2.6	-39.80	-39.82	-39.68	67.4	7.7	Valve Adjustment: Opened valve 1/2 turn or less									
OMLEW107	11/21/2022 13:53	56.1	37.6	0.2	6.1	-45.56	-45.48	-44.71	67.6	56.5	Valve Adjustment: No Change									
OMLFEW59	11/1/2022 14:16	55.8	38.1	0.1	6.0	-0.40	-0.40	-24.60	94.4	6.0	Valve Adjustment: No Change, Valve at minimum position									
OMLFEW59	11/17/2022 13:44	56.0	30.9	0.1	13.0	-0.14	-0.10	-22.92	97.5	3.7	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less									
OMLFEW72	11/10/2022 11:23	53.9	41.6	0.0	4.5	-0.35	-0.31	-39.89	50.4	N/A	Valve Adjustment: No Change									
OMLFEW72	11/29/2022 9:42	61.0	38.9	0.1	0.0	-0.08	-0.31	-40.89	51.3	N/A	Valve Adjustment: Opened valve 1/2 turn or less									
OMLFEW99	11/14/2022 12:01	58.4	41.5	0.1	0.0	-0.36	-0.56	-43.03	70.1	11.7	Valve Adjustment: Opened valve 1/2 turn or less, Valve 5% open									
OMLFEW99	11/18/2022 14:16	56.0	42.1	0.0	1.9	-0.58	-0.58	-45.56	71.5	14.3	Valve Adjustment: No Change, Valve 5% open									
OMTLTS01	11/10/2022 11:33	43.5	39.6	2.5	14.4	-0.17	-0.17	-39.16	72.2	3.9	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS01	11/28/2022 8:55	49.9	35.9	2.4	11.8	-0.13	-0.13	-43.59	65.1	3.8	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS02	11/10/2022 12:28	36.7	33.2	0.6	29.5	-0.21	-0.20	-39.75	72.3	8.9	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS02	11/28/2022 9:09	50.8	39.9	0.5	8.8	-0.19	-0.19	-43.55	67.0	8.8	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS03	11/10/2022 12:24	39.4	32.5	10.5	17.6	-0.07	-0.07	-39.81	64.8	0.2	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS03	11/28/2022 9:12	50.1	37.3	4.8	7.8	-0.12	-0.12	-43.62	51.3	0.4	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS04	11/9/2022 10:42	11.5	13.4	10.2	64.9	-0.33	-0.32	-39.68	58.8	0.6	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									
OMTLTS04	11/28/2022 11:22	26.3	29.0	3.1	41.6	-0.14	-0.13	-42.79	58.3	0.3	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS05	11/9/2022 10:39	4.1	14.1	14.2	67.6	-0.31	-0.30	-40.17	61.4	0.4	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									
OMTLTS05	11/28/2022 11:20	36.5	31.8	2.1	29.6	-0.16	-0.16	-43.84	64.0	0.3	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS06	11/9/2022 10:36	35.2	40.5	13.7	10.6	-0.27	-0.28	-39.75	60.9	0.3	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									
OMTLTS06	11/28/2022 11:17	33.1	37.1	7.8	22.0	-0.14	-0.14	-42.25	62.6	0.0	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS07	11/9/2022 10:17	49.9	27.7	0.3	22.1	-0.28	-0.27	-40.50	65.4	0.5	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS07	11/28/2022 11:00	55.8	40.2	0.0	4.0	-0.24	-0.24	-42.84	66.7	0.1	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS08	11/9/2022 10:12	0.7	5.4	20.5	73.4	-0.24	-0.24	-40.54	62.2	0.3	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less									
OMTLTS08	11/9/2022 10:13	0.6	1.9	21.0	76.5	-0.27	-0.27	-40.67	65.9	0.5	Valve Adjustment: NSPS, Valve at minimum position									
OMTLTS08	11/28/2022 10:56	8.2	13.7	5.6	72.5	-0.66	-0.31	-32.36	82.5	18.2	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									
OMTLTS09	11/9/2022 10:06	14.6	23.1	3.6	58.7	-0.25	-0.24	-40.67	60.1	0.4	Valve Adjustment: No Change, Valve at minimum position									
OMTLTS09	11/28/2022 14:02	15.4	14.2	1.5	68.9	-0.24	-0.17	-41.50	66.0	1.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less									

OMTL TS10	11/9/2022 12:16	25.6	25.9	7.4	41.1	-0.21	-0.20	-15.81	64.3	0.3	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS10	11/28/2022 14:06	31.0	25.5	0.9	42.6	-0.29	-0.24	-19.41	64.6	1.1	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS11	11/9/2022 12:09	3.9	8.3	12.4	75.4	-0.31	-0.31	-17.94	63.3	0.7	Valve Adjustment: No Change, Valve at minimum position
OMTL TS11	11/28/2022 13:54	12.8	8.6	7.7	70.9	-0.53	-0.34	-18.74	66.2	1.4	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS12	11/9/2022 12:07	5.4	8.5	14.8	71.3	-0.22	-0.22	-23.87	64.6	0.3	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS12	11/28/2022 13:50	4.2	3.8	14.0	78.0	-0.36	-0.33	-25.04	67.1	1.1	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS15	11/9/2022 12:02	5.4	8.2	14.9	71.5	-0.21	-0.20	-38.75	67.1	0.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS15	11/18/2022 10:05	11.2	8.4	9.6	70.8	-0.10	-0.10	-35.71	62.2	0.6	Valve Adjustment: No Change, Valve at minimum position
OMTL TS16	11/9/2022 11:55	4.2	11.5	11.3	73.0	-0.65	-0.61	-38.05	67.4	0.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS16	11/18/2022 10:09	4.8	12.4	8.0	74.8	-0.11	-0.11	-28.96	65.3	1.1	Valve Adjustment: No Change, Valve at minimum position
OMTL TS17	11/9/2022 11:51	7.9	5.7	9.7	76.7	-0.30	-0.30	-39.33	64.4	0.4	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS17	11/18/2022 10:19	12.1	19.6	8.2	60.1	-0.12	-0.12	-35.80	64.2	0.3	Valve Adjustment: No Change, Valve at minimum position
OMTL TS18	11/9/2022 11:47	52.4	40.8	0.6	6.2	-0.79	-0.80	-40.29	70.8	28.1	Valve Adjustment: No Change, Valve 30% open
OMTL TS18	11/18/2022 10:23	50.5	41.5	0.4	7.6	-0.62	-0.54	-36.01	69.7	26.9	Valve Adjustment: Closed valve 1/2 turn or less, Valve 25% open
OMTL TS19	11/9/2022 11:43	35.3	31.5	7.8	25.4	-0.13	-0.13	-39.61	72.1	2.8	Valve Adjustment: No Change, Valve at minimum position
OMTL TS19	11/18/2022 10:28	56.3	41.6	0.4	1.7	-0.02	-0.03	-36.08	65.0	2.1	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OMTL TS20	11/9/2022 11:39	52.2	41.6	0.5	5.7	-0.38	-0.40	-40.90	71.8	12.3	Valve Adjustment: No Change
OMTL TS20	11/18/2022 10:32	57.3	41.5	0.0	1.2	-0.07	-0.07	-38.94	69.2	12.4	Valve Adjustment: Opened valve 1/2 turn or less, Valve 5% open
OXEW133B	11/10/2022 12:12	37.8	40.4	3.7	18.1	-6.55	-6.55	-35.11	76.9	50.1	Valve Adjustment: Closed valve 1/2 turn or less
OXEW133B	11/28/2022 9:30	19.3	30.7	3.4	46.6	-6.37	-6.33	-37.17	74.7	38.1	Valve Adjustment: Closed valve 1/2 turn or less
OXEW134A	11/10/2022 11:55	47.6	40.3	0.0	12.1	-8.52	-8.81	-39.23	82.8	79.5	Valve Adjustment: Closed valve 1/2 turn or less
OXEW134A	11/28/2022 9:26	49.5	42.0	0.0	8.5	-8.92	-9.41	-42.59	74.7	23.0	Valve Adjustment: Closed valve 1/2 turn or less
OXEW134B	11/10/2022 11:58	49.9	43.7	0.4	6.0	-37.91	-37.45	-39.68	81.3	14.6	Valve Adjustment: Closed valve 1/2 turn or less
OXEW134B	11/28/2022 9:22	51.3	37.9	0.1	10.7	-40.33	-40.14	-42.90	59.8	44.0	Valve Adjustment: Closed valve 1/2 turn or less
OXEW137B	11/9/2022 10:33	54.4	45.0	0.6	0.0	-37.67	-37.68	-37.31	76.7	86.7	Valve Adjustment: No Change
OXEW137B	11/28/2022 11:15	55.6	43.7	0.7	0.0	-40.68	-39.52	-39.89	74.0	45.0	Valve Adjustment: No Change
OXEW1601	11/14/2022 12:43	52.9	42.9	0.5	3.7	-3.67	-3.68	-43.66	125.9	27.6	Valve Adjustment: No Change
OXEW1601	11/21/2022 11:41	52.1	38.4	0.8	8.7	-3.51	-3.50	-42.51	128.4	57.0	Valve Adjustment: No Change
OXEW1602	11/3/2022 14:27	55.1	40.4	0.0	4.5	-21.41	-21.24	-42.73	128.0	23.7	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1602	11/23/2022 11:19	52.4	47.6	0.0	0.0	-20.99	-20.87	-43.30	128.1	29.7	Valve Adjustment: No Change
OXEW1603	11/3/2022 13:28	57.6	39.3	0.4	2.7	-39.29	-39.40	-39.62	125.4	32.4	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1603	11/15/2022 12:07	57.0	42.9	0.1	0.0	-37.99	-37.96	-37.62	124.1	20.0	Valve Adjustment: No Change, Valve 100% open
OXEW1603	11/21/2022 11:34	59.8	40.1	0.1	0.0	-40.18	-40.44	-40.51	125.2	27.5	Valve Adjustment: No Change, Valve 100% open
OXEW1603	11/23/2022 9:45	56.3	43.7	0.0	0.0	-40.98	-40.95	-41.41	124.4	10.2	Valve Adjustment: No Change, Valve 100% open
OXEW1604	11/3/2022 13:38	56.9	41.7	0.0	1.4	-1.66	-1.66	-39.66	130.0	10.8	Valve Adjustment: Opened valve 1/2 turn or less

OXEW1604	11/23/2022 9:54	55.2	44.8	0.0	0.0	-2.00	-2.00	-2.00	-39.03	129.6	42.9	Valve Adjustment:No Change
OXEW1611	11/2/2022 9:49	44.5	33.5	4.8	17.2	-1.94	-1.94	-1.94	-11.91	59.3	2.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1611	11/11/2022 14:32	59.0	39.8	0.1	1.1	-0.22	-0.25	-22.56	-22.56	67.9	2.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1611	11/15/2022 11:04	47.3	37.3	3.8	11.6	-15.71	-15.71	-24.85	-24.85	63.5	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1611	11/29/2022 13:56	47.0	32.3	4.9	15.8	-7.58	-7.48	-26.84	-26.84	66.2	3.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1612	11/3/2022 14:33	48.3	39.2	0.0	12.5	-34.83	-34.78	-34.73	-34.73	124.9	33.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1612	11/23/2022 11:11	49.9	42.4	0.0	7.7	-35.19	-34.43	-34.94	-34.94	123.8	32.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1613	11/3/2022 13:42	52.6	41.0	0.1	6.3	-20.32	-20.29	-40.67	-40.67	127.6	52.2	Valve Adjustment:No Change
OXEW1613	11/23/2022 10:01	51.0	47.7	0.1	1.2	-20.18	-19.96	-33.21	-33.21	127.2	47.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	11/7/2022 14:06	53.6	46.4	0.0	0.0	-4.19	-8.94	-42.35	-42.35	108.2	140.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	11/23/2022 12:10	52.7	46.5	0.0	0.8	-0.09	-0.27	-38.94	-38.94	109.4	9.6	Valve Adjustment:No Change
OXEW1616	11/11/2022 14:39	55.7	39.4	0.0	4.9	-11.91	-12.35	-22.90	-22.90	117.8	22.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	11/14/2022 11:07	51.1	42.5	0.0	6.4	-14.98	-14.23	-23.57	-23.57	116.3	21.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	11/28/2022 11:59	51.7	40.2	0.0	8.1	-13.82	-14.12	-26.34	-26.34	117.0	21.2	Valve Adjustment:No Change
OXEW1617	11/7/2022 14:20	52.7	45.7	0.0	1.6	-1.02	-1.02	-44.16	-44.16	129.2	5.6	Valve Adjustment:No Change,Valve 15% open
OXEW1617	11/23/2022 11:21	55.5	44.5	0.0	0.0	-1.36	-1.48	-44.12	-44.12	69.3	13.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1618	11/3/2022 13:57	56.0	40.0	0.6	3.4	0.74	-0.07	-43.99	-43.99	124.3	1.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open
OXEW1618	11/3/2022 14:05	56.2	41.3	0.3	2.2	-0.19	-0.50	-44.05	-44.05	128.9	2.3	Valve Adjustment:No Change
OXEW1618	11/23/2022 11:57	43.3	47.1	0.2	9.4	-1.63	-1.15	-43.32	-43.32	127.9	9.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1619	11/9/2022 10:57	55.7	44.3	0.0	0.0	-39.22	-39.19	-39.37	-39.37	120.4	17.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1619	11/28/2022 10:11	55.2	43.4	0.4	1.0	-42.72	-42.72	-42.93	-42.93	121.0	23.9	Valve Adjustment:No Change,Valve 100% open
OXEW1620	11/9/2022 11:03	49.1	42.1	0.0	8.8	-6.00	-5.68	-39.20	-39.20	104.0	4.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1620	11/28/2022 10:19	52.0	41.6	0.0	6.4	-4.94	-4.94	-43.55	-43.55	103.9	5.4	Valve Adjustment:No Change,Valve 15% open
OXEW1621	11/10/2022 14:12	48.1	45.6	0.0	6.3	-0.07	-0.07	-39.78	-39.78	110.6	28.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	11/23/2022 14:01	47.3	42.3	0.0	10.4	-0.23	-0.22	-44.54	-44.54	112.0	9.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	11/9/2022 10:52	54.1	42.9	0.4	2.6	-18.52	-19.66	-40.17	-40.17	120.4	39.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	11/28/2022 9:48	53.9	40.1	0.6	5.4	-20.65	-20.74	-42.69	-42.69	120.6	25.0	Valve Adjustment:No Change
OXEW1701	11/14/2022 9:40	59.9	38.2	0.0	1.9	-39.76	-39.79	-40.08	-40.08	120.6	17.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1701	11/28/2022 10:57	59.2	40.8	0.0	0.0	-37.97	-37.80	-38.45	-38.45	121.3	19.3	Valve Adjustment:No Change,Valve 100% open
OXEW1702	11/11/2022 13:16	56.8	43.2	0.0	0.0	-35.01	-34.50	-37.23	-37.23	124.3	37.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1702	11/28/2022 11:08	59.2	40.8	0.0	0.0	-34.60	-34.60	-37.25	-37.25	125.0	38.8	Valve Adjustment:No Change,Valve 100% open
OXEW1703	11/11/2022 13:30	57.6	42.4	0.0	0.0	-32.51	-33.12	-30.80	-30.80	109.8	13.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1703	11/28/2022 11:27	56.9	43.1	0.0	0.0	-35.33	-36.31	-35.22	-35.22	113.6	4.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW1705	11/2/2022 10:46	53.3	38.8	2.0	5.9	-30.04	-30.30	-38.91	-38.91	113.2	8.3	Valve Adjustment:No Change,Valve 40% open
OXEW1705	11/15/2022 12:20	53.4	43.0	1.5	2.1	-20.00	-20.14	-38.42	-38.42	114.4	14.6	Valve Adjustment:No Change

OXEW1705	11/23/2022 10:13	53.5	45.7	0.8	0.0	-9.43	-9.43	-41.82	115.9	8.4	Valve Adjustment:No Change,Valve 35% open
OXEW1716	11/1/2022 14:24	57.5	40.9	0.0	1.6	-44.69	-44.68	-45.04	84.2	6.5	Valve Adjustment:No Change,Valve 100% open
OXEW1716	11/17/2022 12:30	56.5	43.5	0.0	0.0	-44.05	-43.97	-43.76	97.0	28.1	Valve Adjustment:No Change,Valve 100% open
OXEW1717	11/1/2022 14:41	53.0	43.5	0.2	3.3	-28.85	-28.88	-48.48	106.3	2.7	Valve Adjustment:No Change,Valve 45% open
OXEW1717	11/17/2022 12:35	52.5	45.1	0.1	2.3	-27.77	-27.77	-46.78	106.1	8.4	Valve Adjustment:No Change,Valve 40% open
OXEW1801	11/7/2022 13:47	49.8	40.9	0.8	8.5	-16.34	-15.85	-43.29	124.2	16.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1801	11/23/2022 12:14	52.2	47.2	0.3	0.3	-9.11	-9.16	-42.98	128.2	22.9	Valve Adjustment:No Change,Valve 20% open
OXEW1804	11/3/2022 14:10	44.2	35.0	4.1	16.7	-40.76	-40.55	-42.80	115.4	17.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXEW1804	11/23/2022 11:46	40.2	38.3	5.6	15.9	-40.01	-36.61	-43.23	113.7	18.1	Valve Adjustment:NSPS,CAI,Closed valve 1/2 turn or less,Valve 50% open
OXEW1804	11/23/2022 12:45	0.2	2.7	22.6	74.5	-6.79	-0.48	-43.80	80.2	2.7	Valve Adjustment:NSPS,Valve 10% open
OXEW1804	11/30/2022 9:41	59.2	39.1	0.2	1.5	0.93	-0.05	-41.62	111.5	10.6	Valve Adjustment:NSPS,CAI,Opened valve 1/2 turn or less,Valve 20% open
OXEW1804	11/30/2022 9:43	57.1	41.2	0.9	0.8	-0.55	-0.53	-41.68	123.2	6.0	Valve Adjustment:No Change
OXEW1805	11/3/2022 14:16	52.3	37.0	0.2	10.5	-12.26	-12.23	-42.21	126.2	16.9	Valve Adjustment:No Change,Valve 40% open
OXEW1805	11/23/2022 11:27	50.8	49.1	0.0	0.1	-12.80	-7.16	-42.32	125.7	18.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1806	11/10/2022 14:45	49.4	46.0	0.0	4.6	-0.10	-0.10	-39.45	121.6	11.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1806	11/28/2022 10:41	52.7	43.2	0.0	4.1	-0.16	-0.15	-42.51	122.1	11.0	Valve Adjustment:No Change,Valve 10% open
OXEW1807	11/11/2022 13:48	55.1	44.9	0.0	0.0	0.28	-0.05	-40.90	131.7	23.2	Valve Adjustment:NSPS,Opened valve 1/2 turn or less,Valve 20% open
OXEW1807	11/11/2022 13:50	58.5	40.5	0.0	1.0	-0.10	-0.11	-40.66	131.7	25.1	Valve Adjustment:NSPS,Valve 25% open
OXEW1807	11/28/2022 11:41	58.2	41.8	0.0	0.0	-0.13	-0.12	-40.95	132.5	24.7	Valve Adjustment:NSPS,CAI,Closed valve 1/2 turn or less
OXEW1807	11/28/2022 11:46	57.2	42.8	0.0	0.0	-0.11	-0.09	-41.32	132.5	24.9	Valve Adjustment:NSPS,CAI,Closed valve 1/2 turn or less
OXEW1808	11/2/2022 11:13	51.9	38.7	2.6	6.8	-39.86	-39.47	-39.88	60.6	3.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1808	11/29/2022 7:50	38.0	29.1	7.4	25.5	-40.26	-29.31	-40.09	47.0	3.7	Valve Adjustment:NSPS,CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW1808	11/29/2022 8:45	34.5	24.6	8.6	32.3	-40.11	-39.81	-40.35	51.9	0.2	Valve Adjustment:NSPS,CAI,Closed valve 1/2 turn or less
OXEW1808	11/30/2022 11:40	57.4	20.8	2.3	19.5	-38.83	-38.86	-39.06	57.1	3.9	Valve Adjustment:No Change,Valve at minimum position
OXEW1809	11/3/2022 13:03	50.1	38.6	0.1	11.2	-25.61	-25.43	-43.10	114.2	45.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW1809	11/21/2022 11:52	51.4	39.7	0.1	8.8	-24.85	-24.70	-41.85	113.7	47.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1810	11/2/2022 11:43	56.0	38.5	0.4	5.1	-2.42	-2.42	-44.70	53.5	4.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1810	11/17/2022 10:48	49.6	39.6	2.1	8.7	-2.91	-2.11	-44.75	60.7	5.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1811	11/4/2022 10:50	48.9	38.9	2.6	9.6	-2.48	-2.40	-44.34	69.1	4.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1811	11/21/2022 14:50	52.9	38.3	1.4	7.4	-0.96	-0.96	-43.00	82.8	4.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1812	11/9/2022 13:25	48.5	44.7	0.1	6.7	-15.96	-15.94	-40.29	124.3	26.5	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 30% open
OXEW1812	11/22/2022 14:06	47.4	39.8	0.1	12.7	-15.40	-12.90	-43.18	125.1	27.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1813	11/11/2022 13:58	53.2	46.6	0.0	0.2	-41.04	-41.03	-40.50	114.2	14.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1813	11/28/2022 12:03	55.0	41.6	0.0	3.4	-40.87	-41.08	-41.00	113.5	10.7	Valve Adjustment:No Change,Valve 100% open
OXEW1815	11/14/2022 10:11	49.0	40.6	0.0	10.4	-8.81	-6.76	-44.85	124.5	22.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open



OXEW1815	11/28/2022 10:14	53.9	39.7	0.0	6.4	-3.93	-4.00	-44.57	125.9	9.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1816	11/11/2022 13:11	47.7	39.4	0.0	12.9	-21.03	-20.94	-37.16	117.6	98.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW1816	11/28/2022 11:14	49.0	37.6	0.0	13.4	-20.80	-20.62	-38.56	118.1	99.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW1817	11/2/2022 11:18	57.9	42.0	0.1	0.0	-38.55	-37.33	-39.25	115.4	4.8	Valve Adjustment:No Change,Valve 100% open
OXEW1817	11/29/2022 9:20	60.1	39.5	0.1	0.3	-36.75	-36.63	-37.93	114.6	6.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW1821	11/2/2022 9:29	22.4	26.2	0.0	51.4	-0.18	-0.18	-44.71	52.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	11/17/2022 10:03	21.0	26.2	0.1	52.7	-0.12	-0.11	-44.41	58.8	0.3	Valve Adjustment:No Change
OXEW1822	11/2/2022 11:08	12.5	20.6	0.7	66.2	-0.06	-0.06	-44.37	59.9	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	11/17/2022 10:17	15.2	26.2	0.6	58.0	-0.12	-0.11	-44.41	59.1	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	11/2/2022 11:12	20.2	27.7	0.2	51.9	-0.08	-0.08	-44.37	61.9	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	11/17/2022 10:20	22.1	29.8	0.2	47.9	-0.10	-0.10	-43.96	57.4	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	11/2/2022 11:36	55.0	42.3	0.5	2.2	-44.91	-44.93	-44.77	58.3	26.8	Valve Adjustment:No Change,Valve 100% open
OXEW1824	11/17/2022 10:34	52.2	39.6	1.2	7.0	-44.43	-44.42	-44.42	62.6	27.1	Valve Adjustment:No Change,Valve 95% open
OXEW1825	11/2/2022 11:46	52.0	38.6	0.4	9.0	-3.14	-3.14	-44.41	54.5	1.7	Valve Adjustment:No Change,Valve at minimum position
OXEW1825	11/17/2022 10:38	49.6	35.3	0.2	14.9	-2.34	-2.34	-44.50	59.5	7.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	11/10/2022 10:42	39.5	31.7	4.5	24.3	-1.08	-1.07	-40.01	53.2	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	11/22/2022 14:13	37.1	32.0	4.6	26.3	-0.86	-0.86	-43.47	78.8	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	11/9/2022 11:11	17.8	23.8	14.5	43.9	-39.95	-39.87	-39.94	60.9	0.5	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW1901	11/9/2022 11:14	19.4	16.2	14.4	50.0	-40.84	-40.81	-40.63	61.1	4.7	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	11/28/2022 9:46	15.5	14.4	15.4	54.7	-52.31	-35.58	-44.44	63.1	179.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW1901	11/28/2022 9:48	14.2	11.7	16.4	57.7	-24.00	-21.90	-43.98	63.7	6.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	11/30/2022 9:59	58.2	41.5	0.0	0.3	0.24	-0.40	-44.00	58.6	13.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW1901	11/30/2022 10:03	54.0	44.9	1.1	0.0	-2.50	-0.12	-44.00	57.1	7.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1901	11/30/2022 12:01	58.8	39.0	0.1	2.1	-0.19	-0.12	-43.61	68.0	1.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1902	11/11/2022 13:20	48.1	42.7	0.0	9.2	-3.25	-3.23	-37.80	73.5	37.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1902	11/28/2022 11:21	51.1	39.1	0.0	9.8	-3.23	-3.20	-38.86	72.6	12.4	Valve Adjustment:No Change,Valve 5% open
OXEW1904	11/11/2022 13:34	53.3	41.3	0.0	5.4	-11.67	-11.86	-40.08	108.3	37.2	Valve Adjustment:No Change,Valve 50% open
OXEW1904	11/28/2022 11:32	55.2	40.8	0.0	4.0	-11.15	-11.75	-41.79	109.1	38.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1908	11/2/2022 9:59	59.0	41.0	0.0	0.0	-11.92	-12.03	-11.87	104.8	24.5	Valve Adjustment:No Change,Valve 100% open
OXEW1908	11/11/2022 14:19	59.6	40.4	0.0	0.0	-21.55	-21.52	-22.27	104.4	22.9	Valve Adjustment:No Change,Valve 100% open
OXEW1908	11/15/2022 10:38	58.1	40.3	0.0	1.6	-24.15	-24.07	-24.16	102.1	20.4	Valve Adjustment:No Change,Valve 100% open
OXEW1908	11/21/2022 13:38	59.8	38.1	0.1	2.0	-25.94	-25.90	-25.91	101.9	24.1	Valve Adjustment:No Change,Valve 100% open
OXEW1909	11/14/2022 8:57	51.7	48.1	0.0	0.2	-0.18	-0.18	-38.32	77.7	1.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1909	11/21/2022 13:28	53.8	45.0	0.1	1.1	-0.23	-0.26	-39.76	79.1	6.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1910	11/11/2022 11:05	41.4	37.2	2.8	18.6	-20.21	-19.80	-39.94	125.4	126.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open

OXEW1910	11/21/2022 11:30	38.6	34.1	3.5	23.8	-18.03	-10.40	-40.86	126.7	127.0	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 30% open
OXEW1911	11/3/2022 14:21	55.6	40.8	0.2	3.4	-43.37	-43.75	-44.94	127.2	13.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1911	11/23/2022 11:15	53.2	46.8	0.0	0.0	-42.94	-42.88	-44.77	126.8	12.2	Valve Adjustment:No Change,Valve 80% open
OXEW1912	11/3/2022 13:11	52.4	39.5	0.0	8.1	-15.36	-15.52	-45.59	124.6	30.8	Valve Adjustment:No Change,Valve 35% open
OXEW1912	11/21/2022 11:45	53.5	40.0	0.0	6.5	-15.02	-15.13	-44.92	124.9	30.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1913	11/9/2022 13:16	25.9	29.3	0.1	44.7	-0.30	-0.29	-40.17	89.5	5.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1913	11/22/2022 13:56	35.5	37.8	0.0	26.7	-0.19	-0.19	-43.36	90.5	0.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1914	11/4/2022 10:23	57.4	40.9	0.0	1.7	-45.59	-45.38	-45.24	102.0	5.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1914	11/21/2022 14:30	56.6	35.3	0.2	7.9	-43.88	-43.90	-43.83	101.6	24.6	Valve Adjustment:No Change,Valve 100% open
OXEW1915	11/1/2022 15:01	57.2	41.0	0.0	1.8	-0.36	-0.37	-48.43	66.1	5.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1915	11/18/2022 13:49	56.9	36.7	0.1	6.3	-0.54	-0.89	-47.02	64.5	3.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1916	11/2/2022 13:06	52.1	42.5	1.6	3.8	-39.03	-38.50	-45.35	61.5	2.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1916	11/17/2022 14:04	55.8	35.2	0.9	8.1	-38.36	-38.71	-44.83	71.9	1.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1917	11/2/2022 13:16	50.1	44.6	0.0	5.3	-37.20	-37.20	-45.37	74.8	4.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1917	11/17/2022 14:13	53.2	43.0	0.1	3.7	-35.26	-35.29	-44.53	78.8	3.9	Valve Adjustment:No Change,Valve 10% open
OXEW1919	11/2/2022 9:24	32.7	31.3	0.0	36.0	-0.39	-0.39	-44.78	61.2	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	11/17/2022 10:11	35.8	34.4	0.0	29.8	-0.51	-0.50	-43.99	63.0	2.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	11/2/2022 9:16	9.5	22.6	0.4	67.5	-9.70	-0.48	-44.85	64.2	8.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	11/17/2022 10:07	10.9	25.2	0.6	63.3	-0.04	-0.03	-44.19	59.5	9.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	11/2/2022 11:32	55.6	39.3	0.2	4.9	-41.38	-41.31	-45.11	114.3	32.2	Valve Adjustment:No Change,Valve 55% open
OXEW1921	11/17/2022 10:29	54.3	43.2	0.1	2.4	-40.63	-40.63	-44.34	115.3	32.6	Valve Adjustment:No Change,Valve 65% open
OXEW2001	11/2/2022 12:56	49.5	44.9	0.0	5.6	-0.80	-0.79	-45.32	123.5	9.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2001	11/18/2022 13:33	51.8	43.7	0.0	4.5	-0.56	-0.55	-45.21	124.6	9.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2002	11/1/2022 15:30	55.2	44.8	0.0	0.0	-0.92	-0.92	-47.78	121.0	20.7	Valve Adjustment:No Change,Valve 10% open
OXEW2002	11/28/2022 8:03	55.4	44.6	0.0	0.0	-0.36	-0.58	-45.83	119.9	52.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2003	11/1/2022 14:37	55.4	44.2	0.0	0.4	-32.71	-32.72	-48.89	113.3	1.2	Valve Adjustment:No Change,Valve 10% open
OXEW2003	11/17/2022 12:42	56.0	41.5	0.0	2.5	-5.66	-5.82	-46.01	113.1	6.0	Valve Adjustment:No Change,Valve 15% open
OXEW2004	11/1/2022 14:21	54.7	41.4	0.2	3.7	-33.25	-33.11	-52.29	128.5	55.1	Valve Adjustment:No Change,Valve 60% open
OXEW2004	11/17/2022 12:26	53.9	37.8	0.1	8.2	-32.32	-32.30	-51.25	129.9	56.8	Valve Adjustment:No Change,Valve 60% open
OXEW2005	11/1/2022 14:28	54.7	41.5	0.0	3.8	-3.60	-3.66	-45.85	119.3	4.1	Valve Adjustment:No Change,Valve 20% open
OXEW2005	11/17/2022 10:42	53.3	44.1	0.0	2.6	-3.66	-3.64	-44.71	118.4	6.6	Valve Adjustment:No Change,Valve 20% open
OXEW2007	11/2/2022 11:28	49.4	35.4	1.2	14.0	-25.77	-25.32	-44.40	106.8	9.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2007	11/17/2022 10:25	52.0	42.2	0.4	5.4	-8.75	-8.75	-44.36	102.4	6.4	Valve Adjustment:No Change,Valve 10% open
OXEW2008	11/2/2022 11:23	42.2	32.2	0.5	25.1	-44.71	-44.71	-44.71	75.1	7.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2008	11/17/2022 11:08	39.4	35.1	0.8	24.7	-44.45	-44.42	-44.29	75.6	7.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open

OXEW2009	11/2/2022 13:30	53.0	45.0	0.8	1.2	-45.10	-44.73	-45.52	101.5	15.8	Valve Adjustment:No Change,Valve 50% open
OXEW2009	11/22/2022 10:08	52.4	40.2	1.1	6.3	-44.77	-44.77	-45.03	102.0	12.5	Valve Adjustment:No Change,Valve 50% open
OXEW2010	11/2/2022 13:20	56.0	43.0	0.1	0.9	-0.29	-0.26	-45.71	65.0	9.0	Valve Adjustment:No Change,Valve at minimum position
OXEW2010	11/17/2022 14:17	56.0	43.9	0.1	0.0	-1.30	-1.17	-44.96	73.1	9.4	Valve Adjustment:No Change,Valve at minimum position
OXEW2011	11/2/2022 12:39	53.1	39.6	0.1	7.2	-1.02	-0.98	-45.78	114.6	9.7	Valve Adjustment:No Change,Valve 10% open
OXEW2011	11/18/2022 13:10	55.4	39.3	0.0	5.3	-0.80	-0.78	-42.86	115.8	9.3	Valve Adjustment:No Change,Valve 10% open
OXEW2012	11/1/2022 15:13	56.5	43.1	0.0	0.4	-13.97	-14.99	-48.57	110.9	16.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2012	11/17/2022 13:11	53.9	46.0	0.1	0.0	-15.92	-15.69	-47.15	110.9	19.3	Valve Adjustment:No Change,Valve 25% open
OXEW2016	11/3/2022 13:33	58.2	39.5	0.0	2.3	-3.90	-3.90	-43.80	130.1	11.1	Valve Adjustment:No Change
OXEW2016	11/23/2022 9:49	55.9	44.1	0.0	0.0	-2.99	-2.99	-44.12	128.4	12.7	Valve Adjustment:No Change,Valve 10% open
OXEW2017	11/3/2022 13:24	51.7	37.3	0.6	10.4	-5.25	-5.25	-43.79	124.8	34.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2017	11/23/2022 9:41	52.6	44.2	0.6	2.6	-4.82	-5.08	-43.82	123.8	32.9	Valve Adjustment:No Change,Valve 40% open
OXEW2020	11/14/2022 10:21	54.8	45.2	0.0	0.0	-8.61	-8.39	-43.95	130.1	12.7	Valve Adjustment:No Change
OXEW2020	11/23/2022 8:24	59.8	40.0	0.2	0.0	-6.93	-7.16	-45.85	130.1	11.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2021	11/14/2022 10:00	60.0	39.1	0.0	0.9	-0.78	-8.66	-44.31	76.8	7.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2021	11/23/2022 14:31	42.7	29.9	0.1	27.3	-20.85	-16.87	-40.01	113.7	12.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2022	11/14/2022 10:43	55.3	43.1	0.0	1.6	-42.24	-42.10	-43.54	125.3	31.9	Valve Adjustment:No Change,Valve 100% open
OXEW2022	11/23/2022 10:55	56.9	42.9	0.1	0.1	-43.00	-43.00	-44.49	125.8	14.9	Valve Adjustment:No Change,Valve 100% open
OXEW2023	11/2/2022 11:00	57.9	41.9	0.2	0.0	-38.80	-38.52	-39.66	124.9	58.7	Valve Adjustment:No Change,Valve 100% open
OXEW2023	11/29/2022 8:48	60.5	38.4	0.2	0.9	-38.82	-38.57	-39.71	124.9	56.4	Valve Adjustment:No Change,Valve 100% open
OXEW2024	11/2/2022 9:39	55.8	41.9	0.0	2.3	-3.39	-3.51	-39.45	115.3	30.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2024	11/15/2022 11:15	55.1	41.8	0.0	3.1	-3.88	-3.81	-41.18	114.6	30.9	Valve Adjustment:No Change,Valve 30% open
OXEW2024	11/29/2022 13:42	59.7	31.2	0.2	8.9	-4.86	-7.01	-39.89	115.3	31.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2024	11/29/2022 13:43	59.1	39.4	0.1	1.4	-8.22	-8.17	-42.01	116.7	45.3	Valve Adjustment:No Change,Valve 40% open
OXEW2024	11/29/2022 14:06	57.4	40.7	0.2	1.7	-9.79	-8.22	-42.96	116.6	41.5	Valve Adjustment:No Change,Valve 40% open
OXEW2026	11/2/2022 9:12	56.4	39.0	0.6	4.0	-30.33	-30.29	-43.68	101.3	91.1	Valve Adjustment:No Change,Valve 100% open
OXEW2026	11/21/2022 10:43	61.2	38.4	0.1	0.3	-33.82	-33.87	-39.22	99.3	19.5	Valve Adjustment:No Change,Valve 100% open
OXEW2028	11/2/2022 9:08	53.2	39.1	1.7	6.0	-42.92	-42.92	-42.83	56.8	4.9	Valve Adjustment:No Change,Valve 25% open
OXEW2028	11/21/2022 10:47	55.5	39.7	0.6	4.2	-41.06	-40.95	-40.83	63.5	8.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2029	11/14/2022 10:46	49.9	38.8	2.0	9.3	-1.78	-1.44	-41.43	121.5	9.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2029	11/23/2022 11:08	56.5	43.1	0.4	0.0	-0.75	-0.90	-42.85	120.3	6.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2030	11/2/2022 10:28	58.4	41.2	0.4	0.0	-8.92	-8.80	-8.84	120.3	6.7	Valve Adjustment:No Change,Valve 100% open
OXEW2030	11/11/2022 14:36	58.7	39.8	0.3	1.2	-21.80	-21.86	-22.79	123.1	13.9	Valve Adjustment:No Change,Valve 100% open
OXEW2030	11/15/2022 12:17	56.5	43.4	0.1	0.0	-23.94	-23.89	-23.85	122.3	3.1	Valve Adjustment:No Change,Valve 100% open
OXEW2030	11/23/2022 10:09	54.8	44.8	0.4	0.0	-26.89	-26.91	-27.36	122.7	5.9	Valve Adjustment:No Change,Valve 100% open

OXEW2031	11/3/2022 13:46	52.5	40.5	0.0	7.0	-42.18	-42.10	-43.42	126.2	3.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2031	11/15/2022 12:12	54.6	37.3	0.0	8.1	-40.25	-40.25	-40.78	126.0	13.2	Valve Adjustment:No Change,Valve 100% open
OXEW2031	11/23/2022 10:05	52.7	47.3	0.0	0.0	-42.33	-42.36	-43.43	126.1	2.7	Valve Adjustment:No Change,Valve 100% open
OXEW2101	11/10/2022 14:42	53.3	42.8	0.0	3.9	-0.36	-0.36	-40.34	125.4	14.6	Valve Adjustment:No Change,Valve 15% open
OXEW2101	11/23/2022 13:48	51.4	43.8	0.0	4.8	-0.40	-0.39	-45.46	125.8	17.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2102	11/2/2022 9:52	59.0	41.0	0.0	0.0	-11.52	-11.60	-11.83	67.4	7.9	Valve Adjustment:No Change,Valve 100% open
OXEW2102	11/11/2022 14:29	60.5	38.6	0.0	0.9	-21.26	-21.37	-22.43	87.7	6.7	Valve Adjustment:No Change,Valve 100% open
OXEW2102	11/15/2022 10:49	58.1	41.9	0.0	0.0	-24.46	-24.31	-24.56	73.9	8.6	Valve Adjustment:No Change,Valve 100% open
OXEW2102	11/29/2022 13:59	59.6	35.3	0.2	4.9	-27.78	-27.78	-26.94	87.7	36.7	Valve Adjustment:No Change,Valve 100% open
OXEW2103	11/2/2022 9:42	56.1	41.3	0.4	2.2	-2.92	-3.18	-40.06	109.2	37.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2103	11/15/2022 11:10	56.4	37.4	0.4	5.8	-3.00	-4.62	-40.73	108.0	36.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2103	11/29/2022 12:21	56.3	39.1	0.6	4.0	-4.83	-5.38	-43.41	109.4	47.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2104	11/2/2022 9:31	56.3	41.7	0.0	2.0	-2.61	-4.28	-42.01	114.6	19.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 35% open
OXEW2104	11/18/2022 7:22	54.1	39.6	0.1	6.2	-6.19	-6.62	-43.38	115.2	24.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2105	11/2/2022 10:03	60.2	39.8	0.0	0.0	-11.52	-11.52	-11.82	110.0	5.2	Valve Adjustment:No Change,Valve 100% open
OXEW2105	11/11/2022 14:24	60.9	38.8	0.1	0.2	-21.76	-21.56	-22.32	106.6	20.7	Valve Adjustment:No Change,Valve 100% open
OXEW2105	11/14/2022 9:02	55.2	44.8	0.0	0.0	-23.27	-23.21	-23.35	101.6	15.5	Valve Adjustment:No Change,Valve 100% open
OXEW2105	11/21/2022 13:34	56.2	41.3	0.2	2.3	-26.66	-26.10	-25.89	102.9	47.5	Valve Adjustment:No Change,Valve 100% open
OXEW2106	11/3/2022 13:07	54.2	39.3	0.0	6.5	-30.55	-30.55	-31.16	116.8	5.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2106	11/21/2022 8:25	58.5	37.1	0.1	4.3	-30.38	-30.38	-30.93	116.8	6.7	Valve Adjustment:No Change,Valve 100% open
OXEW2106	11/21/2022 9:27	54.4	41.1	0.0	4.5	-40.34	-40.36	-41.53	116.8	5.0	Valve Adjustment:No Change,Valve 100% open
OXEW2106	11/21/2022 11:48	54.3	42.0	0.0	3.7	-40.61	-40.61	-40.84	117.4	5.0	Valve Adjustment:No Change,Valve 100% open
OXEW2107	11/2/2022 12:59	52.4	45.1	0.0	2.5	-41.18	-42.02	-42.71	121.5	1.8	Valve Adjustment:No Change,Valve 45% open
OXEW2107	11/18/2022 13:36	53.6	44.4	0.0	2.0	-41.20	-41.31	-42.08	122.4	62.9	Valve Adjustment:No Change,Valve 45% open
OXEW2108	11/1/2022 15:27	55.2	44.8	0.0	0.0	-0.94	-0.95	-47.37	127.9	17.3	Valve Adjustment:No Change,Valve 20% open
OXEW2108	11/17/2022 12:54	52.2	47.8	0.0	0.0	0.11	-0.05	-46.89	128.7	17.6	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open
OXEW2108	11/17/2022 12:55	53.7	46.3	0.0	0.0	-0.14	-0.14	-46.91	129.0	19.0	Valve Adjustment:No Change
OXEW2109	11/2/2022 12:44	43.5	43.7	0.0	12.8	-9.08	-6.89	-48.16	88.6	4.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2109	11/18/2022 13:25	55.4	40.7	0.0	3.9	-0.05	-0.21	-47.31	75.5	4.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2110	11/2/2022 10:52	58.1	41.7	0.2	0.0	-37.46	-37.71	-37.52	104.6	12.2	Valve Adjustment:No Change,Valve 100% open
OXEW2110	11/29/2022 8:56	60.0	40.0	0.0	0.0	-37.88	-38.07	-38.05	100.8	12.2	Valve Adjustment:No Change,Valve 100% open
OXEW2111	11/2/2022 11:50	52.9	40.3	0.1	6.7	-9.71	-9.73	-43.35	92.6	10.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2111	11/21/2022 12:04	52.9	41.2	0.0	5.9	-9.67	-9.56	-43.46	94.5	135.8	Valve Adjustment:No Change
OXEW2111	11/21/2022 12:05	52.9	41.4	0.1	5.6	-9.56	-9.57	-43.34	94.5	133.1	Valve Comment:Too tall;Valve Adjustment:No Change
OXEW2112	11/11/2022 10:16	52.2	47.7	0.1	0.0	-35.60	-38.73	-38.74	109.4	2.7	Valve Adjustment:No Change

OXEW2112	11/21/2022 12:20	50.6	40.5	0.3	8.6	-39.63	-39.52	-45.28	111.0	15.7	Valve Adjustment:Closed valve 1/2 turn or less, Valve 95% open
OXEW2113	11/11/2022 10:52	52.0	39.6	0.1	8.3	-29.19	-29.25	-44.13	123.0	54.4	Valve Adjustment:No Change
OXEW2113	11/28/2022 9:31	53.0	36.4	0.2	10.4	-30.16	-30.18	-46.21	123.9	57.0	Valve Adjustment:No Change, Valve 55% open
OXEW2207	11/2/2022 9:55	55.6	40.7	0.0	3.7	-9.89	-9.83	-11.59	113.4	82.9	Valve Adjustment:No Change, Valve 100% open
OXEW2207	11/11/2022 14:13	55.5	38.9	0.1	5.5	-17.28	-17.24	-21.81	113.0	124.0	Valve Adjustment:No Change, Valve 100% open
OXEW2207	11/15/2022 10:45	50.5	41.0	0.0	8.5	-20.03	-19.61	-24.26	112.1	130.5	Valve Adjustment:Closed valve 1/2 turn or less, Valve 90% open
OXEW2207	11/23/2022 8:40	49.4	37.6	0.1	12.9	-21.25	-19.53	-26.61	113.0	135.4	Valve Adjustment:Closed valve 1/2 turn to 1 turn, Valve 75% open
OXEW2208	11/11/2022 11:00	53.7	40.1	0.0	6.2	-1.58	-1.57	-40.02	122.8	15.4	Valve Adjustment:No Change, Valve 15% open
OXEW2208	11/21/2022 11:25	53.8	38.1	0.0	8.1	-1.39	-1.44	-40.88	123.1	28.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2209	11/2/2022 9:46	55.2	40.0	0.2	4.6	-37.50	-36.77	-38.00	98.2	45.3	Valve Adjustment:No Change, Valve 100% open
OXEW2209	11/14/2022 11:23	55.0	40.9	0.0	4.1	-38.74	-38.76	-38.84	97.2	51.9	Valve Adjustment:No Change, Valve 100% open
OXEW2209	11/29/2022 10:19	54.8	37.8	1.0	6.4	-38.42	-38.69	-39.53	97.0	55.7	Valve Adjustment:No Change, Valve 100% open
OXEW2210	11/11/2022 13:24	52.8	43.4	0.1	3.7	-18.67	-18.67	-37.58	109.9	17.3	Valve Adjustment:No Change
OXEW2210	11/28/2022 11:19	55.0	40.5	0.3	4.2	-17.50	-17.71	-38.41	109.5	13.8	Valve Adjustment:Opened valve 1/2 turn or less, Valve 5% open
OXEW2211	11/2/2022 11:06	58.0	41.1	0.1	0.8	-35.39	-35.41	-37.00	122.0	76.2	Valve Adjustment:No Change, Valve 100% open
OXEW2211	11/29/2022 9:06	58.4	39.9	0.0	1.7	-34.88	-34.91	-36.63	121.0	75.9	Valve Adjustment:No Change, Valve 100% open
OXEW2212	11/2/2022 9:35	56.7	41.1	0.0	2.2	-0.60	-0.64	-37.57	113.7	17.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2212	11/15/2022 11:20	54.7	45.3	0.0	0.0	-0.49	-0.56	-37.41	112.6	15.8	Valve Adjustment:Valve at minimum position, Opened valve 1/2 turn or less
OXEW2212	11/29/2022 12:17	58.1	41.7	0.0	0.2	-0.55	-0.63	-42.49	114.1	16.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2213	11/2/2022 9:20	56.0	41.5	0.1	2.4	-32.35	-32.47	-42.75	107.9	176.9	Valve Adjustment:No Change, Valve 100% open
OXEW2213	11/15/2022 11:25	55.3	44.7	0.0	0.0	-32.55	-32.56	-41.81	107.5	168.4	Valve Adjustment:No Change
OXEW2213	11/18/2022 7:32	56.6	39.9	0.0	3.5	-31.48	-31.48	-40.83	108.2	171.9	Valve Adjustment:No Change, Valve 100% open
OXEW2214	11/11/2022 12:25	49.4	41.3	0.0	9.3	-1.27	-1.27	-43.52	101.7	6.7	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less
OXEW2214	11/21/2022 12:19	49.4	39.0	0.0	11.6	-1.30	-1.28	-44.67	101.1	16.3	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less
OXEWHC6A**	11/1/2022 14:53	2.0	13.3	19.3	65.4	-0.01	-0.01	-48.25	55.1	0.3	Valve Adjustment:No Change, Valve at minimum position
OXEWHC6A**	11/17/2022 15:23	57.7	37.7	0.0	4.6	0.53	-0.23	-47.13	70.4	0.5	Valve Adjustment:NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less
OXEWHC6A**	11/17/2022 15:29	57.1	42.9	0.0	0.0	-0.17	-0.10	-46.96	71.5	1.9	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less
OXHC1922	11/11/2022 10:56	58.7	39.4	0.0	1.9	-0.15	-0.15	-40.03	60.2	9.7	Valve Adjustment:Opened valve 1/2 turn or less, Valve 30% open
OXHC1922	11/21/2022 12:00	58.4	41.6	0.0	0.0	-0.14	-0.22	-41.28	69.8	9.9	Valve Adjustment:Opened valve 1/2 turn or less
OXHC2000	11/11/2022 12:10	57.3	42.7	0.0	0.0	-8.54	-8.53	-42.59	82.1	143.9	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXHC2000	11/21/2022 12:01	57.4	42.6	0.0	0.0	-8.67	-8.54	-43.48	70.2	149.6	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXHC2001	11/11/2022 12:05	52.0	48.0	0.0	0.0	-14.29	-14.46	-41.27	66.0	117.1	Valve Adjustment:No Change, Valve 90% open
OXHC2001	11/21/2022 11:57	54.2	45.8	0.0	0.0	-14.10	-14.57	-43.31	73.0	121.1	Valve Adjustment:No Change, Valve 90% open
OXHC2013	11/3/2022 12:35	40.2	12.5	0.5	46.8	-8.11	-8.18	-46.28	74.9	10.4	Valve Adjustment:Closed valve 1/2 turn or less, Valve 20% open
OXHC2013	11/22/2022 13:29	30.0	33.2	4.7	32.1	-11.22	-9.41	-44.66	76.6	14.4	Valve Adjustment:Closed valve 1/2 turn or less, Valve 20% open

OXHC2014	11/11/2022 10:02	53.5	46.5	0.0	0.0	-1.53	-1.52	-42.52	83.5	44.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2014	11/11/2022 10:47	58.1	41.9	0.0	0.0	-8.94	-9.07	-45.25	84.9	36.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2014	11/21/2022 12:16	42.6	39.2	1.4	16.8	-11.33	-8.61	-46.40	87.1	147.9	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 65% open
OXHC2015	11/3/2022 9:59	57.9	39.6	0.0	2.5	-0.93	-1.01	-50.89	53.5	13.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXHC2015	11/18/2022 9:17	58.6	38.6	0.1	2.7	-4.78	-4.78	-37.06	47.6	15.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXHC2101	11/11/2022 11:41	56.2	43.8	0.0	0.0	-0.01	-0.05	-6.35	78.3	16.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXHC2101	11/21/2022 12:13	52.8	42.3	0.0	4.9	-0.01	-0.06	-5.09	82.9	17.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
<b>OXL CRA1</b>	11/3/2022 10:03	54.5	40.4	0.0	5.1	-23.98	-27.82	-51.29	59.0	42.6	Valve Adjustment:No Change,Valve 30% open
<b>OXL CRA1</b>	11/18/2022 11:16	54.9	43.7	0.0	1.4	-18.08	-19.02	-48.04	64.4	21.8	Valve Adjustment:No Change,Valve 30% open
<b>OXL CRA1</b>	11/3/2022 10:09	46.8	39.6	2.4	11.2	-1.92	-1.37	-50.34	56.7	9.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OXL CRA1</b>	11/18/2022 14:05	56.3	38.2	4.8	0.7	-0.43	-0.39	-47.98	72.9	7.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OXL CRS07</b>	11/11/2022 12:17	55.1	41.9	3.0	0.0	-0.20	-0.29	-43.49	79.7	5.1	Valve Adjustment:No Change,Valve 5% open
<b>OXL CRS07</b>	11/21/2022 11:37	47.3	35.5	4.1	13.1	-0.26	-0.20	-44.85	79.6	6.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXL CRS10	11/11/2022 11:44	60.6	39.4	0.0	0.0	-1.78	-1.79	-5.76	89.3	15.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXL CRS10	11/21/2022 12:08	55.9	44.1	0.0	0.0	-1.70	-1.67	-4.93	89.2	14.2	Valve Adjustment:No Change,Valve 100% open
OXL CRS11	11/11/2022 11:47	55.5	44.5	0.0	0.0	-1.11	-1.12	-6.75	85.8	17.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXL CRS11	11/21/2022 12:06	56.1	43.4	0.0	0.5	-0.95	-0.94	-5.55	86.0	16.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXL CRS3A	11/9/2022 10:28	55.5	44.5	0.0	0.0	-31.58	-31.05	-37.24	93.8	120.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXL CRS3A	11/29/2022 10:31	58.2	41.6	0.2	0.0	-37.20	-37.20	-42.99	93.1	127.7	Valve Adjustment:No Change,Valve 100% open
OXL CRS3B	11/9/2022 10:25	56.3	43.7	0.0	0.0	-30.64	-31.67	-37.46	94.5	118.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXL CRS3B	11/28/2022 11:10	55.5	43.3	0.0	1.2	-34.62	-34.74	-41.65	93.3	99.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXL CRS3B	11/28/2022 11:12	55.5	44.5	0.0	0.0	-32.90	-32.99	-40.24	93.5	43.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXL CRS7B	11/11/2022 12:20	54.1	40.5	1.1	4.3	-6.66	-5.75	-43.45	79.5	17.5	Valve Adjustment:No Change
OXL CRS7B	11/21/2022 11:40	48.5	38.5	4.0	9.0	-6.21	-5.71	-44.91	79.6	21.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXL CRS9A	11/11/2022 9:58	45.3	54.7	0.0	0.0	-0.53	-0.53	-43.59	81.5	14.1	Valve Adjustment:Closed valve 1/2 turn or less
OXL CRS9A	11/21/2022 12:13	46.4	53.6	0.0	0.0	-0.48	-0.35	-43.88	83.1	12.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXL CRS9B	11/11/2022 10:06	51.5	48.5	0.0	0.0	-0.39	-0.39	-41.78	75.5	4.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXL CRS9B	11/21/2022 12:10	45.7	54.3	0.0	0.0	-0.41	-0.37	-43.82	75.9	13.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXME302D	11/14/2022 10:04	58.5	41.5	0.0	0.0	-9.47	-12.15	-44.20	117.6	16.8	Valve Adjustment:Opened valve 1/2 turn or less
OXME302D	11/28/2022 10:18	57.6	38.7	0.8	2.9	-13.27	-13.96	-44.06	118.9	20.9	Valve Adjustment:Opened valve 1/2 turn or less
OXME306D	11/9/2022 11:35	50.3	41.8	0.0	7.9	-39.34	-39.32	-39.67	124.4	3.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXME306D	11/18/2022 10:44	47.0	40.2	0.1	12.7	-40.95	-40.78	-42.04	123.2	17.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	11/14/2022 10:53	44.1	42.5	0.0	13.4	-1.76	-1.74	-42.44	107.3	17.9	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	11/23/2022 11:14	44.5	40.9	0.0	14.6	-1.46	-1.39	-43.78	109.2	15.7	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	11/4/2022 10:37	57.2	41.0	0.1	1.7	-38.96	-39.14	-40.60	126.8	24.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less

OXME316D	11/21/2022 14:41	58.8	38.4	0.3	2.5	-38.17	-38.13	-40.40	126.5	28.9	Valve Adjustment:No Change,Valve 100% open
OXME317D	11/4/2022 10:45	56.3	41.6	0.2	1.9	-43.50	-43.73	-43.36	74.5	6.7	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	11/21/2022 14:48	57.9	36.9	0.3	4.9	-42.74	-42.60	-42.44	76.3	9.7	Valve Adjustment:No Change
OXMEW113	11/10/2022 12:09	43.3	40.5	3.2	13.0	-9.21	-8.84	-39.86	78.0	98.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW113	11/28/2022 9:18	50.4	32.6	2.1	14.9	-8.39	-8.29	-43.29	62.8	86.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	11/14/2022 13:11	59.3	31.1	0.8	8.8	-45.24	-45.13	-45.04	83.7	8.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	11/18/2022 10:13	58.1	37.8	0.6	3.5	-36.32	-36.02	-35.98	55.5	9.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW126	11/10/2022 11:20	53.3	46.7	0.0	0.0	-38.30	-38.25	-39.54	67.7	99.6	Valve Adjustment:No Change,Valve 100% open
OXMEW126	11/29/2022 9:39	61.0	38.9	0.1	0.0	-39.88	-39.79	-41.07	62.0	35.6	Valve Adjustment:No Change,Valve 100% open
OXMEW138	11/9/2022 10:20	50.2	39.7	0.0	10.1	-2.13	-2.13	-37.55	73.8	5.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW138	11/28/2022 11:06	50.4	41.5	0.0	8.1	-1.79	-1.76	-41.21	71.6	5.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW145	11/10/2022 11:43	56.0	44.0	0.0	0.0	-40.58	-40.57	-40.50	91.1	7.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW145	11/28/2022 9:06	56.7	41.3	0.1	1.9	-43.35	-43.33	-43.34	86.8	23.8	Valve Adjustment:No Change,Valve 100% open
OXMEW156	11/1/2022 14:48	56.1	43.9	0.0	0.0	-1.23	-1.23	-48.36	63.6	2.9	Valve Adjustment:No Change,Valve at minimum position
OXMEW156	11/17/2022 14:43	57.4	42.1	0.0	0.5	-1.85	-1.86	-47.03	68.1	0.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW158	11/10/2022 11:09	55.4	44.2	0.0	0.4	-3.47	-3.46	-39.66	64.3	12.0	Valve Adjustment:No Change
OXMEW158	11/21/2022 14:01	55.2	43.6	0.1	1.1	-5.41	-4.73	-44.45	70.0	68.5	Valve Adjustment:No Change,Valve at minimum position
OXMEW159	11/10/2022 11:12	52.5	47.3	0.0	0.2	-13.13	-13.13	-39.65	70.1	39.9	Valve Adjustment:No Change
OXMEW159	11/21/2022 14:04	53.1	42.0	0.1	4.8	-16.37	-16.18	-44.16	71.0	60.4	Valve Adjustment:No Change,Valve at minimum position
OXMEW162	11/9/2022 12:13	57.0	32.3	0.6	10.1	-34.70	-37.03	-40.34	69.4	12.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW162	11/28/2022 14:10	52.1	33.2	1.9	12.8	-42.62	-42.58	-43.31	67.6	38.7	Valve Adjustment:No Change
OXMEW170	11/2/2022 11:39	40.4	35.1	0.1	24.4	-38.77	-38.03	-43.39	55.4	2.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW170	11/17/2022 10:58	40.1	34.6	0.1	25.2	-35.92	-35.95	-31.99	61.5	1.0	Valve Adjustment:Valve at minimum position
OXMEW173	11/11/2022 15:20	37.5	31.1	4.8	26.6	-1.09	-1.07	-45.04	70.8	11.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	11/28/2022 8:16	4.4	5.3	19.9	70.4	-1.16	-1.73	-46.13	50.5	8.3	Valve Adjustment:NSPSCAI,Opened valve 1/2 turn or less
OXMEW173	11/28/2022 8:18	46.5	37.2	0.6	15.7	-3.64	-1.75	-45.60	84.2	25.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW174	11/1/2022 14:45	56.0	41.6	0.0	2.4	-1.27	-1.27	-48.27	66.3	4.9	Valve Adjustment:No Change,Valve at minimum position
OXMEW174	11/17/2022 14:40	56.4	37.6	0.0	6.0	-1.24	-1.22	-47.13	64.2	5.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	11/1/2022 14:56	55.8	35.6	0.5	8.1	-2.62	-2.62	-48.35	71.0	3.8	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	11/17/2022 15:03	55.1	44.7	0.2	0.0	-2.84	-2.84	-46.99	69.3	5.4	Valve Adjustment:No Change,Valve at minimum position
OXMEW176	11/14/2022 12:30	55.5	38.5	0.1	5.9	-20.93	-21.04	-44.59	110.5	46.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW176	11/21/2022 13:04	53.9	31.1	0.2	14.8	-21.31	-20.99	-44.47	110.4	59.5	Valve Adjustment:No Change
OXMEW181	11/9/2022 13:21	50.5	47.3	0.0	2.2	-17.38	-17.37	-39.89	112.6	46.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW181	11/22/2022 14:01	49.8	41.5	0.0	8.7	-12.04	-10.73	-44.58	113.9	60.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW182	11/4/2022 11:07	49.2	40.3	0.1	10.4	-40.96	-40.74	-44.37	119.4	18.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open

OXMEW182	11/23/2022 12:27	49.2	47.1	0.1	3.6	-40.33	-39.67	-43.46	119.4	19.8	Valve Adjustment:Closed valve 1/2 turn or less, Valve 90% open
OXMEW183	11/10/2022 14:55	42.6	47.2	0.0	10.2	-10.04	-10.04	-38.22	116.2	51.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW183	11/29/2022 10:37	46.4	38.2	0.0	15.4	-10.96	-10.36	-43.12	116.5	58.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	11/10/2022 14:01	46.6	38.9	0.1	14.4	-0.42	-0.42	-15.07	123.5	29.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	11/23/2022 14:16	47.7	36.7	0.0	15.6	-0.61	-0.61	-15.85	123.1	27.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	11/10/2022 14:04	48.1	38.8	0.2	12.9	-0.41	-0.41	-38.95	116.7	27.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	11/23/2022 14:13	42.1	34.1	0.3	23.5	-0.75	-0.61	-44.20	114.0	29.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW186	11/7/2022 14:17	49.6	42.2	1.7	6.5	-0.11	-0.11	-44.26	75.2	2.2	Valve Adjustment:Closed valve 1/2 turn or less, Valve 10% open
OXMEW186	11/23/2022 11:26	41.9	38.3	4.8	15.0	-0.53	-0.47	-43.72	73.8	5.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW187	11/10/2022 14:21	48.4	47.8	0.0	3.8	-0.13	-0.12	-39.50	115.4	13.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW187	11/23/2022 13:34	47.0	41.7	0.1	11.2	-0.33	-0.28	-44.16	116.6	35.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	11/10/2022 14:17	51.5	48.0	0.0	0.5	-0.19	-0.19	-15.46	103.2	38.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	11/23/2022 13:57	50.3	42.3	0.0	7.4	-0.35	-0.35	-13.29	105.0	9.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	11/10/2022 14:38	48.6	43.7	0.1	7.6	-7.15	-6.38	-22.19	122.2	95.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	11/23/2022 13:53	50.7	46.0	0.4	2.9	-8.30	-8.05	-44.45	122.4	104.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW190	11/14/2022 10:50	50.0	41.6	0.3	8.1	-15.13	-15.11	-41.78	124.7	37.8	Valve Adjustment:Closed valve 1/2 turn or less, Valve 40% open
OXMEW190	11/23/2022 11:11	52.6	42.1	0.3	5.0	-13.99	-13.99	-43.40	125.2	38.1	Valve Adjustment:No Change
OXMEW191	11/1/2022 14:33	51.5	43.6	0.0	4.9	-2.85	-2.83	-48.38	121.2	21.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW191	11/28/2022 8:11	53.6	43.0	0.0	3.4	-2.09	-2.12	-46.05	121.8	18.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW192	11/1/2022 15:16	56.9	43.1	0.0	0.0	-0.10	-0.14	-47.17	57.3	11.6	Valve Adjustment:Valve at minimum position, Opened valve 1/2 turn or less
OXMEW192	11/17/2022 13:19	53.7	46.3	0.0	0.0	-0.02	-0.06	-46.81	71.4	8.2	Valve Adjustment:Valve at minimum position, Opened valve 1/2 turn or less
OXMEW194	11/10/2022 10:47	55.0	37.9	0.8	6.3	-38.98	-39.02	-39.76	85.8	20.1	Valve Adjustment:No Change
OXMEW194	11/23/2022 14:17	52.0	43.2	0.7	4.1	-42.83	-42.90	-43.19	88.2	18.6	Valve Adjustment:No Change
OXMEW196	11/4/2022 11:15	44.6	37.6	0.7	17.1	-9.95	-9.95	-41.30	65.7	10.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	11/23/2022 12:21	41.5	39.8	1.4	17.3	-8.72	-8.70	-43.25	71.8	2.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	11/7/2022 14:13	52.0	36.7	0.0	11.3	-9.17	-9.17	-43.36	123.1	65.9	Valve Adjustment:No Change
OXMEW199	11/23/2022 11:29	51.3	42.1	0.1	6.5	-9.25	-9.22	-11.59	124.6	57.7	Valve Adjustment:No Change
OXMEW200	11/10/2022 14:25	44.1	48.9	0.0	7.0	-0.88	-0.88	-39.68	118.0	18.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	11/23/2022 13:29	41.4	29.8	0.1	28.7	-1.22	-1.01	-44.83	119.1	19.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	11/10/2022 14:07	44.7	40.2	0.0	15.1	-0.40	-0.39	-39.73	104.3	37.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	11/23/2022 14:08	40.8	36.4	0.0	22.8	-0.58	-0.46	-44.76	106.2	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW203	11/10/2022 12:20	52.2	31.8	1.5	14.5	-1.77	-1.76	-39.75	66.8	14.2	Valve Adjustment:No Change, Valve 10% open
OXMEW203	11/28/2022 9:36	55.3	35.6	0.6	8.5	-2.61	-2.61	-43.39	62.2	17.6	Valve Adjustment:No Change, Valve 10% open
OXMEW204	11/9/2022 10:47	49.4	41.5	0.1	9.0	-4.46	-4.47	-37.16	96.8	2.9	Valve Adjustment:Closed valve 1/2 turn or less, Valve 10% open
OXMEW204	11/28/2022 9:42	50.4	37.1	0.0	12.5	-4.92	-2.91	-40.29	96.9	3.8	Valve Adjustment:Closed valve 1/2 turn or less, Valve 15% open



OXMEW205	11/10/2022 14:33	52.0	47.7	0.3	0.0	-0.03	-0.06	-38.97	95.0	0.0	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
OXMEW205	11/23/2022 13:41	51.9	44.7	0.3	3.1	-0.01	-0.10	-44.71	109.6	0.0	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open
OXMEW209	11/14/2022 10:37	54.0	46.0	0.0	0.0	-2.99	-3.01	-44.10	129.6	10.8	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
OXMEW209	11/28/2022 10:35	57.2	42.8	0.0	0.0	-3.09	-3.26	-42.97	129.8	8.1	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open
OXMEW210	11/9/2022 11:25	49.6	33.5	0.3	16.6	-37.84	-37.80	-39.57	125.4	3.2	Valve Adjustment: Closed valve 1/2 turn or less, Valve 95% open
OXMEW210	11/18/2022 10:38	47.3	40.6	0.1	12.0	-38.64	-39.05	-40.91	125.6	17.1	Valve Adjustment: Closed valve 1/2 turn or less, Valve 95% open
OXMEW300	11/14/2022 9:51	60.2	39.3	0.0	0.5	3.78	-0.17	-44.45	85.8	9.6	Valve Adjustment: NSPS/CAI Opened valve 1/2 turn or less, Valve 10% open
OXMEW300	11/14/2022 9:53	59.2	40.8	0.0	0.0	-2.16	-10.12	-44.93	100.7	15.9	Valve Adjustment: No Change, Valve 25% open
OXMEW300	11/23/2022 14:28	48.9	33.2	2.4	15.5	-35.23	-33.65	-43.81	103.2	23.0	Valve Adjustment: Closed valve 1/2 turn or less, Valve 20% open
OXMEW300	11/28/2022 10:23	53.7	35.3	2.1	8.9	-25.61	-25.65	-43.92	102.8	18.6	Valve Adjustment: Opened valve 1/2 turn or less
OXMEW302	11/14/2022 10:06	52.5	41.5	0.0	6.0	-8.53	-8.58	-43.71	111.3	29.7	Valve Adjustment: No Change
OXMEW302	11/28/2022 10:20	47.5	34.4	0.0	18.1	-7.71	-7.66	-43.94	111.2	12.9	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW306	11/9/2022 11:32	43.0	35.6	0.0	21.4	-1.99	-1.99	-38.99	78.7	11.3	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW306	11/18/2022 10:48	43.3	35.9	0.0	20.8	-3.00	-2.99	-43.03	77.4	9.6	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW307	11/10/2022 11:39	56.6	43.1	0.3	0.0	-39.39	-39.35	-39.20	80.0	2.8	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXMEW307	11/28/2022 9:01	56.6	39.2	0.5	3.7	-43.44	-43.43	-43.50	78.8	3.1	Valve Adjustment: No Change, Valve 100% open
OXMEW309	11/14/2022 10:30	46.5	44.8	0.3	8.4	-27.81	-27.37	-44.18	128.3	49.6	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW309	11/28/2022 10:30	50.5	36.1	0.3	13.1	-25.02	-24.97	-42.54	129.3	53.9	Valve Adjustment: No Change
OXMEW310	11/7/2022 13:43	50.7	38.3	0.1	10.9	-2.84	-2.83	-41.93	112.1	37.5	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW310	11/23/2022 12:17	51.2	45.5	0.0	3.3	-3.29	-3.16	-42.16	108.8	35.5	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW311	11/9/2022 11:07	47.3	41.8	0.0	10.9	-21.73	-21.69	-39.41	118.0	27.4	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW311	11/28/2022 10:24	49.5	37.4	0.0	13.1	-22.99	-22.36	-44.24	118.3	28.5	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW312	11/14/2022 10:57	50.8	45.7	0.0	3.5	-2.90	-2.58	-43.00	99.6	5.3	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW312	11/23/2022 11:18	53.6	41.6	0.2	4.6	-2.03	-2.19	-44.21	95.8	16.8	Valve Adjustment: Opened valve 1/2 turn or less
OXMEW315	11/14/2022 9:44	50.2	38.7	0.0	11.1	-42.03	-41.76	-43.79	121.3	24.2	Valve Adjustment: Closed valve 1/2 turn or less, Valve 70% open
OXMEW315	11/28/2022 10:54	49.5	39.5	0.0	11.0	-40.40	-40.24	-41.90	121.8	25.3	Valve Adjustment: Closed valve 1/2 turn or less, Valve 75% open
OXMEW316	11/4/2022 10:34	57.8	40.6	0.0	1.6	-40.99	-40.97	-42.82	115.1	10.5	Valve Adjustment: Opened valve 1/2 turn or less
OXMEW316	11/21/2022 14:40	52.9	35.0	0.1	12.0	-40.34	-40.16	-42.23	114.1	11.5	Valve Adjustment: No Change
OXMEW317	11/4/2022 10:41	56.2	41.9	0.1	1.8	-43.65	-43.55	-43.36	105.4	16.8	Valve Adjustment: Opened valve 1/2 turn or less
OXMEW317	11/21/2022 14:46	58.4	39.6	0.1	1.9	-42.83	-42.79	-42.70	105.9	16.9	Valve Adjustment: No Change
OXMEW318	11/4/2022 10:57	48.5	38.6	0.0	12.9	-1.66	-1.65	-43.93	107.6	16.0	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW318	11/21/2022 14:54	50.6	36.6	0.0	12.8	-1.27	-1.27	-42.97	107.2	0.0	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW319	11/7/2022 13:53	49.2	37.6	0.0	13.2	-11.64	-11.65	-43.82	106.9	28.1	Valve Adjustment: No Change, Closed valve 1/2 turn or less
OXMEW319	11/23/2022 10:21	48.4	45.3	0.0	6.3	-11.15	-11.14	-36.49	106.3	36.5	Valve Adjustment: Closed valve 1/2 turn or less
OXMEW320	11/11/2022 13:53	56.8	43.2	0.0	0.0	-41.42	-41.36	-40.92	123.3	11.2	Valve Adjustment: Opened valve 1/2 turn or less

OXMEW320	11/28/2022 11:55	57.5	42.5	0.0	0.0	-41.34	-41.23	-41.26	124.6	23.4	Valve Adjustment:No Change,Valve 100% open
OXMEW322	11/4/2022 10:28	50.6	41.7	0.0	7.7	-44.63	-44.57	-45.11	117.9	23.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW322	11/21/2022 14:35	52.7	35.3	0.1	11.9	-43.29	-43.29	-44.24	117.6	22.9	Valve Adjustment:No Change,Valve 100% open
OXMEW323	11/3/2022 14:38	55.7	39.4	0.1	4.8	-36.83	-36.96	-42.18	115.0	13.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW323	11/23/2022 11:02	56.1	39.3	0.1	4.5	-38.12	-38.17	-42.07	113.6	32.5	Valve Adjustment:No Change
OXMEW328	11/3/2022 13:19	58.0	40.1	0.0	1.9	-30.48	-31.05	-35.87	116.8	25.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	11/21/2022 11:38	58.8	41.2	0.0	0.0	-29.64	-29.85	-39.24	116.7	19.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW328	11/23/2022 9:36	58.7	40.4	0.0	0.9	-30.65	-30.51	-38.24	117.8	15.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	11/10/2022 11:30	56.4	42.4	0.1	1.1	-39.88	-39.81	-39.71	63.7	N/A	Valve Adjustment:No Change
OXMEWHC1	11/28/2022 8:50	58.4	30.6	0.4	10.6	-43.75	-43.72	-43.75	47.2	N/A	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW05	11/2/2022 13:35	53.8	46.1	0.1	0.0	-47.92	-47.90	-48.14	110.3	16.2	Valve Adjustment:No Change,Valve 60% open
OXMEWW05	11/22/2022 10:12	55.0	45.0	0.0	0.0	-47.96	-47.96	-48.16	108.8	9.6	Valve Adjustment:No Change,Valve 65% open
OXMEWW06	11/14/2022 12:18	54.8	42.3	0.3	2.6	-48.84	-48.96	-48.78	89.3	62.0	Valve Adjustment:No Change,Valve 75% open
OXMEWW06	11/21/2022 13:12	57.3	39.5	0.1	3.1	-48.01	-48.03	-48.06	90.8	10.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXMEWW08	11/1/2022 15:23	56.0	42.5	0.1	1.4	-0.02	-0.02	-48.22	53.9	1.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW08	11/17/2022 13:03	53.7	46.3	0.0	0.0	0.77	-0.05	-46.76	68.0	1.4	Valve Adjustment:N/SPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW08	11/17/2022 13:06	53.1	46.9	0.0	0.0	-0.26	-0.24	-46.38	67.9	5.2	Valve Adjustment:No Change
OXMEWW17	11/3/2022 12:42	56.3	41.1	0.1	2.5	-42.38	-42.38	-42.60	67.1	5.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW17	11/22/2022 13:35	52.9	40.3	0.6	6.2	-40.53	-40.54	-40.67	75.7	14.9	Valve Adjustment:No Change
OXMEWW18	11/3/2022 12:57	50.5	36.9	2.2	10.4	-0.20	-0.20	-45.83	67.0	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEWW18	11/22/2022 13:23	52.1	31.3	2.0	14.6	-0.12	-0.11	-44.43	74.2	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1G	11/2/2022 13:24	49.2	45.4	0.0	5.4	-8.67	-8.67	-45.88	79.4	6.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEWW1G	11/17/2022 14:21	51.7	43.6	0.0	4.7	-8.29	-8.25	-45.14	79.3	7.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1I	11/2/2022 13:40	53.9	46.1	0.0	0.0	-0.64	-0.62	-45.40	66.6	0.6	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1I	11/22/2022 10:17	55.7	42.4	0.0	1.9	-0.45	-0.59	-45.96	65.2	1.0	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1J	11/2/2022 13:43	54.5	45.5	0.0	0.0	-1.00	-1.02	-46.00	80.6	3.7	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1J	11/22/2022 10:20	55.2	43.4	0.0	1.4	-0.95	-0.95	-46.22	79.5	3.7	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1K	11/2/2022 13:48	31.4	39.5	2.5	26.6	-43.85	-40.12	-49.33	103.3	25.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1K	11/22/2022 9:47	29.8	34.6	3.3	32.3	-35.61	-26.94	-49.19	108.7	21.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1S	11/3/2022 12:53	54.7	41.0	0.1	4.2	-41.43	-41.71	-42.48	75.3	24.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	11/22/2022 13:43	55.8	43.5	0.0	0.7	-38.39	-39.40	-40.39	75.3	26.4	Valve Adjustment:No Change
OXMHCF03	11/7/2022 7:32	56.7	43.2	0.1	0.0	-45.50	-45.51	-45.72	62.7	14.6	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	11/28/2022 7:40	54.1	45.9	0.0	0.0	-44.50	-44.24	-46.17	74.6	20.9	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	11/7/2022 7:37	48.7	41.1	2.8	7.4	-43.90	-43.89	-46.31	48.9	7.3	Valve Adjustment:No Change
OXMHCF04	11/28/2022 7:37	54.5	45.5	0.0	0.0	-3.55	-14.55	-46.29	44.0	6.9	Valve Adjustment:Opened valve 1/2 turn to 1 turn

OXMHCF04	11/29/2022 12:17	52.8	33.6	1.2	12.4	-45.11	-45.10	-45.05	63.6	8.5	Valve Adjustment:No Change
OXMPEW30	11/2/2022 12:36	55.0	31.4	0.2	13.4	-46.83	-46.80	-47.10	59.8	3.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW30	11/19/2022 13:07	55.6	32.3	0.3	11.8	-46.26	-46.31	-46.24	69.7	3.8	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	11/2/2022 13:10	56.4	42.8	0.1	0.7	-47.19	-47.04	-47.90	64.8	5.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW31	11/17/2022 14:09	56.4	43.5	0.1	0.0	-47.48	-47.28	-47.69	73.1	4.6	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	11/1/2022 15:04	56.5	43.5	0.0	0.0	-16.99	-16.78	-48.30	79.1	22.6	Valve Adjustment:No Change,Valve at minimum position
OXMPEW32	11/19/2022 13:52	57.1	39.2	0.0	3.7	-15.68	-15.71	-46.34	80.8	18.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMPEW33	11/1/2022 15:09	56.9	43.1	0.0	0.0	-0.04	-0.37	-48.74	66.7	14.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMPEW33	11/19/2022 13:57	57.7	38.4	0.0	3.9	-0.86	-1.26	-47.10	77.4	3.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
<b>OXMPEW35</b>	11/2/2022 12:49	51.6	44.5	0.0	3.9	-12.80	-12.77	-46.50	125.4	17.7	Valve Adjustment:Closed valve 1/2 turn or less
<b>OXMPEW35</b>	11/19/2022 13:29	53.5	44.1	0.1	2.3	-10.18	-10.26	-48.26	126.7	17.1	Valve Adjustment:No Change
OXMPEW44	11/3/2022 12:47	57.0	41.7	0.1	1.2	-42.26	-42.24	-42.38	77.6	18.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW44	11/22/2022 13:39	54.8	44.5	0.1	0.6	-40.34	-40.34	-40.75	80.3	21.7	Valve Adjustment:No Change,Valve 100% open
OXSS2033	11/11/2022 11:59	52.2	47.0	0.0	0.8	-3.28	-3.26	-39.83	68.8	4.0	Valve Adjustment:No Change,Valve at minimum position
OXSS2033	11/21/2022 11:53	50.0	40.8	0.1	9.1	-3.54	-3.53	-37.73	71.8	4.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXSS2034	11/11/2022 11:55	56.2	43.8	0.0	0.0	-39.69	-39.45	-40.68	62.1	13.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXSS2034	11/21/2022 11:50	52.4	43.0	1.2	3.4	-39.80	-39.63	-41.54	71.9	7.5	Valve Adjustment:No Change,Valve 100% open

\* - Oxygen is only required to be monitored per NESHAP Subpart AAAAA and high percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are highlighted for reporting purposes only.

**Bold Italics** = HOV/LTCO approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions recorded by GEM.

\*\*Well OXEWHC6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

≤140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii)
OXEW1618, OXMEW205, OXMEW209, OXMPPEW35

≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, OXLCRS64, OXLCRS64A, OXLCRS64B, OXLCRS66, OXLCRS66, OXLCRS07, OXMEWHC6, OXMHBTCH, OXMEWV17, and OXMHCF06

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, OXLCRS64, OXLCRS64A, OXLCRS64B, OXLCRS66, OXLCRS66, and OXLCRS07

\*Wells that have been decommissioned are noted with a strikethrough.

**OX MOUNTAIN LANDFILL**  
Wellfield Monitoring Report - December 1, 2, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23, 27, 28, and 29, 2022

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure		Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*		Comments
						in. wk..	in. wk..				in. wk..	scfm	
OMLEW101	12/5/2022 9:45	53.9	43.2	1.2	1.7	-1.19	-1.19	-1.19	-42.01	70.8	0.7		Valve Adjustment:No Change
OMLEW101	12/22/2022 11:51	51.6	46.9	1.3	0.2	-1.43	-1.34	-1.34	-41.68	71.9	31.5		Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLEW104	12/8/2022 9:20	52.6	39.5	0.1	7.8	-11.81	-11.85	-11.85	-44.30	78.6	30.2		Valve Adjustment:No Change
OMLEW104	12/23/2022 11:41	52.5	47.4	0.1	0.0	-12.33	-12.31	-12.31	-44.22	78.1	26.4		Valve Adjustment:No Change
OMLEW107	12/8/2022 9:17	58.4	37.0	0.1	4.5	-43.98	-44.06	-44.06	-43.77	59.4	14.8		Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	12/23/2022 11:44	53.4	46.6	0.0	0.0	-44.62	-44.62	-44.62	-44.56	63.6	53.8		Valve Adjustment:No Change
OMLFEW59	12/1/2022 13:17	52.2	45.3	0.0	2.5	-0.51	-0.50	-0.50	-23.20	91.5	4.6		Valve Adjustment:No Change
OMLFEW59	12/21/2022 12:46	52.8	43.4	0.1	3.7	-0.22	-0.22	-0.22	-23.04	93.5	7.2		Valve Adjustment:No Change
OMLFEW72	12/8/2022 9:40	52.5	43.2	0.1	4.2	-0.28	-0.28	-0.28	-43.62	49.1	N/A		Valve Adjustment:No Change
OMLFEW72	12/29/2022 10:29	56.1	35.4	1.4	7.1	-0.41	-0.40	-0.40	-40.38	50.5	N/A		Valve Adjustment:No Change
OMLFEW99	12/2/2022 10:44	55.6	40.1	0.0	4.3	-0.64	-0.66	-0.66	-46.99	67.4	14.8		Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW99	12/29/2022 8:23	50.7	41.5	0.1	7.7	-0.91	-0.86	-0.86	-46.85	65.4	15.5		Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS01	12/16/2022 12:19	43.9	31.2	1.3	23.6	-0.18	-0.17	-0.17	-44.50	64.8	3.7		Valve Adjustment:No Change,Valve at minimum position
OMTLTS01	12/28/2022 10:51	29.6	11.7	0.8	57.9	-0.20	-0.19	-0.19	-43.91	60.7	3.7		Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	12/16/2022 13:33	45.3	26.9	1.1	26.7	-0.30	-0.30	-0.30	-44.56	66.2	8.7		Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	12/29/2022 9:04	51.0	40.7	1.0	7.3	-0.35	-0.35	-0.35	-40.53	62.8	8.1		Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	12/16/2022 13:31	50.0	30.9	8.0	11.1	-0.12	-0.12	-0.12	-44.47	53.4	0.2		Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	12/29/2022 9:09	37.0	27.0	5.7	30.3	-0.34	-0.34	-0.34	-40.69	49.5	0.2		Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	12/2/2022 11:21	15.5	19.3	3.0	62.2	-0.13	-0.13	-0.13	-44.24	53.8	0.9		Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	12/16/2022 10:07	17.4	17.4	8.6	56.6	-0.19	-0.18	-0.18	-42.77	54.2	0.3		Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	12/2/2022 11:19	12.3	19.0	4.0	64.7	-0.20	-0.20	-0.20	-43.53	56.4	1.1		Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	12/16/2022 10:03	11.0	12.0	9.2	67.8	-0.23	-0.22	-0.22	-43.03	59.0	0.4		Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	12/2/2022 11:17	15.0	23.1	12.5	49.4	-0.11	-0.10	-0.10	-43.70	62.7	0.7		Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	12/16/2022 9:54	38.8	41.9	14.6	4.7	-0.26	-0.26	-0.26	-43.87	58.3	0.2		Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	12/2/2022 10:53	38.6	35.3	0.0	26.1	-0.23	-0.22	-0.22	-44.66	61.0	1.1		Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	12/16/2022 9:30	49.3	38.0	0.0	12.7	-0.26	-0.21	-0.21	-43.85	59.9	0.4		Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	12/2/2022 10:50	41.0	33.8	0.3	24.9	-0.34	-0.32	-0.32	-40.80	88.3	4.4		Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	12/16/2022 9:24	45.9	35.6	0.3	18.2	-0.29	-0.25	-0.25	-26.32	73.0	2.7		Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	12/2/2022 10:47	14.7	13.8	3.4	68.1	-0.27	-0.28	-0.28	-36.13	55.3	1.3		Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	12/2/2022 13:02	16.2	21.5	1.7	60.6	-0.17	-0.14	-0.14	-38.66	58.5	1.1		Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	12/16/2022 9:20	28.9	31.2	3.6	36.3	-0.18	-0.18	-0.18	-28.01	55.4	0.1		Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	12/27/2022 9:04	38.5	30.1	0.3	31.1	-0.02	-0.04	-0.04	-34.81	56.9	5.5		Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	12/2/2022 12:58	20.2	23.8	12.6	43.4	-0.14	-0.13	-0.13	-20.97	54.9	0.4		Valve Adjustment:No Change,Valve at minimum position

OMTLTS10	12/27/2022 8:12	41.8	33.2	0.0	25.0	-0.01	-0.02	-22.61	56.6	4.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS11	12/2/2022 12:52	0.9	12.7	11.3	75.1	-0.11	-0.10	-21.27	58.9	0.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	12/27/2022 8:18	30.4	29.7	2.7	37.2	-0.10	-0.10	-33.30	56.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	12/2/2022 12:49	1.6	14.1	8.9	75.4	-0.16	-0.14	-26.57	60.3	0.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	12/27/2022 9:24	30.1	30.1	1.3	38.5	-0.06	-0.06	-34.14	56.7	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	12/2/2022 12:37	10.9	19.3	11.2	58.6	-0.18	-0.17	-43.03	56.1	1.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	12/27/2022 9:27	25.5	30.2	0.9	43.4	-0.06	-0.06	-39.79	56.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	12/2/2022 12:34	11.3	20.8	6.6	61.3	-0.18	-0.17	-34.59	64.8	1.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	12/27/2022 9:35	39.0	30.9	0.0	30.1	-0.01	-0.01	-30.25	57.7	1.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS17	12/2/2022 12:31	16.1	25.6	7.8	50.5	-0.11	-0.11	-44.08	58.9	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	12/27/2022 9:39	50.5	33.4	2.3	13.8	-0.08	-0.08	-40.90	56.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	12/2/2022 12:28	44.8	34.9	0.8	19.5	-0.70	-0.51	-44.89	67.7	28.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OMTLTS18	12/27/2022 9:45	58.0	41.5	0.0	0.5	-0.52	-0.76	-41.53	64.8	22.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OMTLTS19	12/2/2022 12:23	55.2	44.5	0.3	0.0	-0.06	-0.06	-44.05	71.9	4.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS19	12/27/2022 10:00	57.1	42.9	0.0	0.0	-0.01	-0.02	-41.62	66.2	8.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS20	12/2/2022 12:18	54.6	41.0	0.3	4.1	-0.03	-0.04	-44.72	68.7	13.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS20	12/27/2022 10:06	56.6	43.4	0.0	0.0	-0.05	-0.05	-41.87	64.6	13.0	Valve Adjustment:No Change,Valve at minimum position
OXEW133B	12/6/2022 12:58	14.8	20.7	5.4	59.1	-8.60	-5.90	-41.47	74.5	87.3	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW133B	12/6/2022 13:19	15.7	19.7	5.6	59.0	-7.25	-6.14	-40.71	75.7	45.4	Valve Adjustment:NSPS,Closed valve 1/2 turn or less
OXEW133B	12/13/2022 10:20	10.4	19.9	6.4	63.3	-5.33	-4.70	-38.14	65.0	0.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW133B	12/13/2022 10:28	10.3	19.7	6.6	63.4	-4.49	-4.48	-37.35	62.5	52.2	Valve Adjustment:NSPS,Closed valve 1/2 turn or less
OXEW133B	12/29/2022 9:46	4.2	10.6	21.0	64.2	-1.78	-1.78	-40.11	56.4	83.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW133B	12/29/2022 9:48	0.6	3.3	21.6	74.5	-1.92	-1.92	-31.76	56.2	0.0	Valve Adjustment:NSPS
OXEW133B	12/29/2022 9:51	0.2	1.7	21.7	76.4	-2.13	-2.13	-33.41	56.2	0.0	Valve Adjustment:NSPS
OXEW134A	12/6/2022 12:48	49.8	35.3	0.7	14.2	-7.89	-7.69	-42.53	75.6	50.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	12/29/2022 9:42	49.9	40.5	0.1	9.5	-8.27	-8.11	-39.64	69.4	32.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	12/6/2022 12:39	36.9	32.5	0.4	30.2	-40.44	-40.53	-44.13	67.1	81.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	12/29/2022 10:12	39.2	36.6	2.3	21.9	-38.01	-37.76	-39.92	59.6	21.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW137B	12/2/2022 11:02	46.6	37.2	3.7	12.5	-39.31	-39.40	-40.59	75.3	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW137B	12/16/2022 9:49	54.1	45.1	0.8	0.0	-41.76	-42.61	-41.68	65.8	51.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	12/6/2022 10:20	54.2	45.8	0.0	0.0	-3.70	-3.68	-42.75	123.8	31.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	12/20/2022 10:54	57.3	40.2	0.0	2.5	-4.40	-4.42	-40.59	122.2	28.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	12/6/2022 9:57	55.2	44.8	0.0	0.0	-20.68	-20.69	-41.74	127.8	30.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	12/29/2022 7:56	55.9	43.9	0.0	0.2	-19.50	-19.61	-41.82	127.8	30.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	12/13/2022 12:38	61.2	26.5	0.2	12.1	-40.84	-40.86	-41.43	123.7	13.4	Valve Adjustment:No Change,Valve 100% open
OXEW1603	12/22/2022 13:03	56.1	43.8	0.1	0.0	-40.71	-40.71	-40.53	123.8	34.6	Valve Adjustment:No Change,Valve 100% open
OXEW1604	12/7/2022 10:52	56.1	43.5	0.3	0.1	-1.14	-1.12	-33.62	129.7	24.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	12/22/2022 13:15	53.4	46.6	0.0	0.0	-0.04	-0.04	-39.04	130.5	0.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less

OXEW1604	12/22/2022 13:15	53.9	46.1	0.0	0.0	-0.02	-0.02	-0.02	-39.29	130.3	0.0	Valve Adjustment:No Change
OXEW1611	12/8/2022 11:48	57.4	39.4	0.9	2.3	0.70	-0.05	-0.05	-26.67	53.4	1.4	Valve Adjustment:NSP/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW1611	12/8/2022 11:51	56.7	41.1	0.9	1.3	-0.41	-0.69	-0.69	-26.66	53.4	1.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	12/19/2022 11:15	45.1	33.2	4.6	17.1	-0.83	-0.79	-0.79	-26.74	51.2	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1612	12/16/2022 10:07	53.3	41.3	0.3	5.1	-32.66	-32.66	-32.66	-32.44	125.2	34.8	Valve Adjustment:No Change
OXEW1612	12/23/2022 7:44	51.1	40.7	0.0	8.2	-33.64	-33.61	-33.61	-33.51	124.0	29.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1613	12/17/2022 10:46	50.0	40.7	1.8	7.5	-17.19	-16.87	-16.87	-32.12	126.7	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1613	12/22/2022 13:22	52.1	47.7	0.2	0.0	-16.34	-16.32	-16.32	-36.70	127.0	45.5	Valve Adjustment:No Change
OXEW1614	12/17/2022 10:18	53.0	40.1	0.5	6.4	-0.53	-0.52	-0.52	-14.83	107.4	49.6	Valve Adjustment:No Change
OXEW1614	12/23/2022 8:21	57.0	41.4	0.0	1.6	-1.30	-4.72	-4.72	-41.16	103.6	82.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	12/12/2022 9:58	53.2	40.7	0.0	6.1	-14.12	-14.33	-14.33	-25.69	116.0	21.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	12/23/2022 8:44	52.0	45.3	0.0	2.7	-15.37	-15.37	-15.37	-25.77	115.6	22.4	Valve Adjustment:No Change
OXEW1617	12/12/2022 9:55	52.9	41.7	0.0	5.4	-2.15	-2.14	-2.14	-41.96	127.4	6.5	Valve Adjustment:No Change,Valve 15% open
OXEW1617	12/23/2022 10:36	52.0	47.9	0.1	0.0	-1.80	-1.79	-1.79	-42.56	129.1	8.5	Valve Adjustment:No Change,Valve 15% open
OXEW1618	12/17/2022 10:12	56.3	42.0	0.6	1.1	-0.08	-0.44	-0.44	-41.65	128.8	2.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1618	12/23/2022 8:14	54.4	45.6	0.0	0.0	-1.18	-1.27	-1.27	-42.06	128.2	5.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1619	12/2/2022 11:43	54.9	42.6	1.0	1.5	-42.85	-42.85	-42.85	-43.57	120.7	5.6	Valve Adjustment:No Change,Valve 100% open
OXEW1619	12/16/2022 10:27	55.1	44.1	0.4	0.4	-41.91	-41.96	-41.96	-42.22	118.5	5.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1620	12/2/2022 11:49	51.6	39.0	0.1	9.3	-4.78	-4.77	-4.77	-43.52	101.0	5.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1620	12/16/2022 10:33	54.5	44.0	0.0	1.5	-0.59	-1.12	-1.12	-42.94	107.4	2.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1621	12/9/2022 15:01	50.0	37.7	0.0	12.3	-0.04	-0.04	-0.04	-43.09	108.3	0.0	Valve Adjustment:No Change
OXEW1621	12/29/2022 9:22	55.7	42.8	0.0	1.5	-0.43	-0.41	-0.41	-39.92	92.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	12/2/2022 11:33	52.1	38.9	0.9	8.1	-20.72	-20.74	-20.74	-43.41	119.5	0.0	Valve Adjustment:No Change
OXEW1622	12/16/2022 10:23	50.2	43.3	1.2	5.3	-20.52	-19.69	-19.69	-42.22	119.1	19.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1701	12/12/2022 10:19	56.9	42.1	0.0	1.0	-38.43	-38.42	-38.42	-38.47	119.6	4.7	Valve Adjustment:No Change,Valve 100% open
OXEW1701	12/28/2022 11:59	52.0	39.2	0.1	8.7	-38.93	-39.05	-39.05	-40.02	119.0	5.8	Valve Adjustment:No Change,Valve 100% open
OXEW1702	12/12/2022 9:34	57.0	40.7	0.6	1.7	-35.79	-35.80	-35.80	-38.47	124.7	7.2	Valve Adjustment:No Change,Valve 100% open
OXEW1702	12/28/2022 13:49	56.3	43.7	0.0	0.0	-36.31	-36.26	-36.26	-38.32	123.8	2.5	Valve Adjustment:No Change,Valve 100% open
OXEW1703	12/12/2022 9:43	56.8	42.0	0.5	0.7	-37.97	-35.49	-35.49	-38.63	111.2	10.9	Valve Adjustment:No Change,Valve 100% open
OXEW1703	12/28/2022 13:21	56.3	42.0	0.0	1.7	-35.78	-35.78	-35.78	-35.71	112.1	6.7	Valve Adjustment:No Change,Valve 100% open
OXEW1705	12/12/2022 10:19	57.4	42.1	0.5	0.0	-2.55	-8.05	-8.05	-38.94	115.0	18.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1705	12/19/2022 11:48	55.6	40.5	1.1	2.8	-14.50	-14.22	-14.22	-41.49	113.8	10.8	Valve Adjustment:No Change,Valve 40% open
OXEW1716	12/1/2022 13:03	58.1	41.8	0.1	0.0	-44.83	-44.77	-44.77	-44.83	94.9	10.4	Valve Adjustment:No Change,Valve 100% open
OXEW1716	12/21/2022 12:44	55.0	44.8	0.2	0.0	-44.46	-44.30	-44.30	-44.71	97.5	11.4	Valve Adjustment:No Change,Valve 100% open
OXEW1717	12/2/2022 9:33	54.6	37.1	0.1	8.2	-27.38	-27.25	-27.25	-47.66	105.0	7.5	Valve Adjustment:No Change,Valve 40% open
OXEW1717	12/21/2022 12:14	47.8	43.1	2.6	6.5	-25.46	-21.77	-21.77	-47.61	103.7	5.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1801	12/17/2022 10:28	52.9	42.3	0.8	4.0	-9.28	-9.33	-9.33	-37.63	127.4	18.4	Valve Adjustment:No Change,Valve 20% open
OXEW1801	12/23/2022 8:34	53.8	41.0	0.2	5.0	-13.68	-13.81	-13.81	-41.18	123.9	17.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open

OXEW1804	12/7/2022 9:40	52.0	39.5	1.7	6.8	-0.27	-0.25	-41.82	115.8	6.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1804	12/23/2022 8:08	54.7	44.8	0.0	0.5	0.21	-0.05	-42.35	128.1	13.1	Valve Adjustment:NSPS:CAI,Opened valve 1/2 turn or less,Valve 20% open
OXEW1804	12/23/2022 8:09	53.9	46.0	0.1	0.0	-0.18	-0.18	-42.45	128.3	17.6	Valve Adjustment:No Change
OXEW1805	12/7/2022 9:30	57.4	39.2	0.5	2.9	-3.29	-8.01	-43.72	127.6	14.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1805	12/23/2022 8:02	54.6	40.9	0.1	4.4	-16.58	-19.41	-40.92	124.3	19.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1806	12/9/2022 15:13	54.1	37.3	0.0	8.6	-0.02	-0.02	-43.80	121.4	11.8	Valve Adjustment:No Change,Valve 10% open
OXEW1806	12/28/2022 11:32	51.9	47.4	0.0	0.7	-0.41	-0.41	-43.94	120.3	12.4	Valve Adjustment:No Change,Valve 10% open
OXEW1807	12/12/2022 9:51	57.6	42.4	0.0	0.0	-0.96	-1.02	-41.56	130.2	25.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1807	12/28/2022 14:00	53.1	42.9	0.0	4.0	-0.60	-0.21	-42.13	131.0	26.2	Valve Adjustment:NSPS:CAI,Closed valve 1/2 turn or less
OXEW1807	12/28/2022 14:03	56.4	43.6	0.0	0.0	-0.03	-0.03	-41.60	130.9	24.0	Valve Adjustment:NSPS,Valve 20% open
OXEW1808	12/13/2022 9:38	51.3	39.1	2.4	7.2	-40.00	-39.93	-39.68	54.8	5.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1808	12/19/2022 12:00	54.5	41.2	4.3	0.0	-3.69	-3.69	-40.98	48.6	40.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1809	12/6/2022 9:30	54.8	42.7	0.1	2.4	-36.60	-36.75	-41.76	113.6	85.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1809	12/20/2022 11:04	53.6	40.2	0.1	6.1	-24.46	-24.46	-40.48	113.1	43.8	Valve Adjustment:No Change,Valve 50% open
OXEW1810	12/1/2022 11:58	61.0	37.6	0.0	1.4	-0.96	-2.01	-45.31	46.2	2.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1810	12/21/2022 9:30	52.8	38.3	2.3	6.6	-3.51	-3.50	-45.42	61.6	3.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1811	12/7/2022 12:27	52.0	38.6	1.3	8.1	-1.00	-0.99	-37.55	80.1	3.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1811	12/23/2022 10:06	52.0	45.5	1.4	1.1	-1.84	-1.84	-42.07	64.4	4.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1812	12/8/2022 8:42	53.5	42.6	0.0	3.9	-8.18	-8.17	-44.11	123.2	17.8	Valve Adjustment:No Change,Valve 20% open
OXEW1812	12/23/2022 11:14	52.3	46.9	0.8	0.0	-1.04	-1.04	-45.53	123.3	8.5	Valve Adjustment:No Change,Valve 20% open
OXEW1813	12/12/2022 10:01	55.8	42.0	0.3	1.9	-41.35	-41.40	-41.77	111.8	10.5	Valve Adjustment:No Change,Valve 100% open
OXEW1813	12/23/2022 8:47	54.4	45.6	0.0	0.0	-41.81	-41.85	-41.82	112.0	11.9	Valve Adjustment:No Change,Valve 100% open
OXEW1815	12/12/2022 10:44	51.3	40.4	0.0	8.3	-4.99	-4.79	-43.74	124.6	5.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1815	12/28/2022 11:44	55.4	44.4	0.2	0.0	-3.64	-4.33	-44.75	124.5	1.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1816	12/12/2022 9:30	50.2	38.2	0.5	11.1	-20.93	-20.24	-39.29	117.8	98.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 85% open
OXEW1816	12/28/2022 13:52	52.9	44.8	0.1	2.2	-20.21	-20.16	-38.57	117.0	94.5	Valve Adjustment:No Change,Valve 100% open
OXEW1817	12/8/2022 11:27	59.6	38.3	0.3	1.8	-38.32	-38.51	-38.88	113.6	13.5	Valve Adjustment:No Change,Valve 100% open
OXEW1817	12/19/2022 10:57	59.0	41.0	0.0	0.0	-40.10	-40.04	-40.80	114.5	17.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1821	12/2/2022 9:15	18.8	24.6	0.3	56.3	-0.17	-0.16	-45.49	48.3	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1821	12/21/2022 12:59	23.5	28.6	0.0	47.9	-0.02	-0.02	-45.38	67.6	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	12/2/2022 9:10	17.7	25.0	0.1	57.2	-0.08	-0.08	-45.20	47.8	0.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	12/21/2022 13:11	20.9	29.2	0.0	49.9	-0.03	-0.03	-45.04	64.2	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	12/2/2022 9:07	26.7	24.1	0.4	48.8	-0.14	-0.13	-45.39	45.4	0.8	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	12/21/2022 13:14	26.5	29.6	0.0	43.9	-0.04	-0.04	-45.36	66.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	12/1/2022 12:15	53.4	37.5	1.4	7.7	-45.35	-45.26	-45.33	49.8	7.1	Valve Adjustment:No Change
OXEW1824	12/21/2022 9:44	57.3	36.2	1.2	5.3	-45.31	-45.30	-45.04	65.0	16.7	Valve Adjustment:No Change,Valve 100% open
OXEW1825	12/1/2022 11:48	54.5	26.2	0.2	19.1	-3.73	-2.75	-68.20	49.7	28.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1825	12/21/2022 9:25	46.8	39.7	0.3	13.2	-2.02	-1.61	-45.53	59.3	8.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXEW1826	12/8/2022 8:58	44.3	32.5	3.9	19.3	-0.97	-0.93	-43.72	49.4	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	12/23/2022 11:23	44.4	38.0	2.8	14.8	0.01	-0.02	-45.19	64.1	0.2	Valve Adjustment:NSPSCAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW1826	12/23/2022 11:25	45.4	39.2	2.5	12.9	-0.04	-0.04	-45.15	66.3	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1901	12/2/2022 12:02	56.2	42.5	0.0	1.3	-0.05	-0.24	-44.08	59.9	5.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1901	12/16/2022 13:18	54.3	45.3	0.4	0.0	-0.02	-0.26	-42.93	59.3	0.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1902	12/12/2022 9:37	50.4	39.5	0.0	10.1	-3.71	-3.70	-40.03	63.2	12.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1902	12/28/2022 13:45	50.7	41.8	0.0	7.5	-3.24	-3.21	-40.17	64.8	37.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1904	12/12/2022 9:47	53.4	40.8	0.2	5.6	-13.65	-13.80	-42.65	102.1	40.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1904	12/28/2022 13:18	52.2	40.9	0.1	6.8	-14.00	-14.00	-43.88	105.2	40.8	Valve Adjustment:No Change,Valve 50% open
OXEW1908	12/14/2022 10:46	59.5	37.7	0.1	2.7	-25.52	-25.51	-25.82	101.2	35.8	Valve Adjustment:No Change,Valve 100% open
OXEW1908	12/19/2022 11:29	58.1	41.9	0.0	0.0	-25.53	-25.37	-26.16	101.1	46.1	Valve Adjustment:No Change,Valve 100% open
OXEW1909	12/5/2022 9:01	52.5	47.4	0.1	0.0	-1.37	-1.41	-39.80	83.1	10.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1909	12/12/2022 8:51	52.1	47.9	0.0	0.0	-1.64	-1.71	-38.29	81.5	16.1	Valve Adjustment:No Change,Valve 5% open
OXEW1909	12/16/2022 9:05	52.1	36.9	0.3	10.7	-1.51	-1.52	-39.58	82.7	5.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1910	12/12/2022 13:02	47.1	40.5	2.3	10.1	-7.39	-6.46	-40.48	123.5	90.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1910	12/19/2022 11:39	45.9	38.4	2.5	13.2	-5.88	-4.87	-40.88	121.5	81.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1911	12/6/2022 10:02	54.4	45.5	0.1	0.0	-42.04	-41.99	-43.11	125.6	16.9	Valve Adjustment:No Change,Valve 80% open
OXEW1911	12/23/2022 7:50	58.2	38.8	0.2	2.8	-42.64	-42.67	-43.90	126.1	10.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1912	12/6/2022 9:39	52.1	45.4	0.0	2.5	-15.87	-15.90	-43.45	124.1	30.9	Valve Adjustment:No Change,Valve 40% open
OXEW1912	12/22/2022 12:43	52.3	42.2	0.1	5.4	-17.66	-17.76	-45.50	123.8	31.9	Valve Adjustment:No Change,Valve 40% open
OXEW1913	12/8/2022 8:33	42.4	36.2	0.0	21.4	-0.17	-0.17	-43.90	88.4	4.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1913	12/23/2022 11:04	47.7	39.6	0.0	12.7	-0.18	-0.17	-44.49	89.3	2.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1914	12/7/2022 12:06	60.1	27.6	0.4	11.9	-38.28	-38.24	-38.18	101.2	5.2	Valve Adjustment:No Change,Valve 100% open
OXEW1914	12/23/2022 9:39	55.2	44.6	0.2	0.0	-42.93	-42.89	-43.20	100.7	6.3	Valve Adjustment:No Change,Valve 100% open
OXEW1915	12/2/2022 10:00	54.0	42.1	0.1	3.8	-1.72	-1.72	-48.57	55.7	4.9	Valve Adjustment:No Change,Valve at minimum position
OXEW1915	12/21/2022 12:33	54.2	45.7	0.1	0.0	-1.51	-1.51	-47.70	57.5	6.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1916	12/5/2022 9:18	57.2	41.4	0.2	1.2	-35.18	-36.39	-45.04	54.2	0.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1916	12/22/2022 8:46	55.1	39.3	1.4	4.2	-46.08	-45.92	-46.36	49.8	1.7	Valve Adjustment:No Change,Valve at minimum position
OXEW1917	12/5/2022 9:12	54.0	44.2	0.2	1.6	-35.79	-36.25	-44.74	69.6	3.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1917	12/22/2022 10:18	54.8	44.1	0.0	1.1	-43.87	-43.85	-46.39	58.9	5.5	Valve Adjustment:No Change,Valve 10% open
OXEW1919	12/2/2022 9:24	28.3	30.9	0.0	40.8	-0.48	-0.43	-45.58	57.3	1.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	12/21/2022 13:06	34.2	33.1	0.0	32.7	-0.88	-0.39	-45.24	70.9	1.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	12/2/2022 9:19	15.3	24.1	0.6	60.0	-0.07	-0.09	-45.69	49.5	12.4	Valve Adjustment:Valve at minimum position
OXEW1920	12/21/2022 13:02	19.1	26.3	0.2	54.4	-0.19	-0.19	-45.55	70.3	4.7	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	12/11/2022 12:21	58.7	37.2	0.1	4.0	-40.98	-41.31	-45.29	114.4	32.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW1921	12/21/2022 13:23	54.9	44.9	0.1	0.1	-41.83	-41.72	-45.50	114.3	36.3	Valve Adjustment:No Change,Valve 75% open
OXEW2001	12/22/2022 11:24	49.9	42.0	0.0	8.1	-0.88	-0.81	-41.48	123.2	9.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2001	12/22/2022 10:03	53.6	46.4	0.0	0.0	-0.01	-0.04	-46.78	127.8	11.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open



OXEW2002	12/2/2022 10:52	54.8	42.7	0.3	2.2	-15.87	-15.89	-47.20	122.6	33.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2002	12/21/2022 11:04	55.6	42.5	0.1	1.8	0.01	-0.06	-47.18	118.6	27.1	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXEW2002	12/21/2022 11:10	56.1	43.9	0.0	0.0	-0.31	-1.00	-47.51	121.0	26.5	Valve Adjustment:No Change,Valve 20% open
OXEW2003	12/2/2022 11:07	56.7	42.8	0.1	0.4	-4.97	-7.63	-47.48	113.6	2.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2003	12/21/2022 12:07	53.2	46.8	0.0	0.0	0.33	-0.05	-47.66	99.2	7.4	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXEW2003	12/21/2022 12:08	52.9	47.1	0.0	0.0	-0.77	-0.77	-46.89	112.3	5.4	Valve Adjustment:No Change
OXEW2004	12/1/2022 13:06	53.6	44.3	0.1	2.0	-32.53	-32.49	-50.88	128.5	55.6	Valve Adjustment:No Change, Valve 60% open
OXEW2004	12/21/2022 11:53	52.0	45.1	0.1	2.8	-32.34	-32.34	-51.55	128.5	56.2	Valve Adjustment:No Change,Valve 60% open
OXEW2005	12/1/2022 12:58	54.4	31.3	0.3	14.0	-3.91	-3.89	-45.67	115.7	5.1	Valve Adjustment:No Change,Valve 20% open
OXEW2005	12/21/2022 13:26	52.0	46.2	0.0	1.8	-3.66	-3.64	-44.43	116.7	6.2	Valve Adjustment:No Change,Valve 20% open
OXEW2007	12/8/2022 10:13	54.8	37.2	0.1	7.9	-2.07	-2.06	-44.66	91.6	13.8	Valve Adjustment:No Change,Valve 10% open
OXEW2007	12/21/2022 13:19	55.0	45.0	0.0	0.0	-0.03	-0.05	-45.67	91.5	3.0	Valve Adjustment:No Change, Valve at minimum position
OXEW2008	12/2/2022 8:27	38.3	29.6	2.9	29.2	-44.95	-44.99	-42.38	68.6	66.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2008	12/21/2022 12:55	55.3	40.8	0.5	3.4	-45.14	-45.15	-45.38	73.3	1.8	Valve Adjustment:No Change,Valve 50% open
OXEW2009	12/5/2022 9:29	56.1	43.7	0.2	0.0	-44.65	-44.87	-45.05	101.1	5.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2009	12/22/2022 10:32	54.7	45.3	0.0	0.0	-46.44	-46.47	-46.39	100.3	15.7	Valve Adjustment:No Change,Valve 100% open
OXEW2010	12/5/2022 9:24	56.8	42.2	0.1	0.9	-0.11	-3.28	-45.03	56.1	0.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2010	12/22/2022 10:23	36.6	39.8	1.5	22.1	-12.26	-4.10	-46.38	69.2	7.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2011	12/2/2022 11:13	55.5	42.7	0.1	1.7	-0.92	-0.96	-45.25	114.7	9.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2011	12/22/2022 8:54	54.5	42.4	0.0	3.1	-1.05	-1.05	-47.03	111.5	9.7	Valve Adjustment:No Change,Valve 10% open
OXEW2012	12/2/2022 10:38	56.5	40.2	0.4	2.9	-16.53	-16.91	-48.30	108.9	19.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2012	12/21/2022 11:21	52.4	47.5	0.1	0.0	-15.81	-15.79	-47.61	109.2	18.8	Valve Adjustment:No Change,Valve 30% open
OXEW2016	12/13/2022 13:15	52.5	39.3	1.4	6.8	-1.26	-1.25	-44.35	129.8	11.7	Valve Adjustment:No Change
OXEW2016	12/22/2022 13:08	54.8	45.1	0.1	0.0	-0.02	-0.13	-43.22	129.7	13.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2017	12/6/2022 9:50	55.4	41.6	0.5	2.5	-4.72	-4.72	-41.90	124.1	34.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2017	12/22/2022 12:59	55.8	43.7	0.5	0.0	-4.98	-7.60	-42.83	124.4	34.8	Valve Adjustment:Opened valve 1/2 turn or less, Valve 50% open
OXEW2019	12/12/2022 10:41	58.4	40.1	0.7	0.8	-8.22	-13.25	-25.07	54.6	0.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2019	12/12/2022 10:43	58.2	40.4	0.8	0.6	-17.72	-17.75	-25.04	55.3	0.6	Valve Adjustment:No Change,Valve 5% open
OXEW2019	12/14/2022 10:31	53.0	28.0	3.0	16.0	-14.27	-9.87	-25.48	54.4	3.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2019	12/14/2022 10:41	55.0	34.1	1.9	9.0	-7.65	-0.27	-25.75	52.3	3.8	Valve Adjustment:Valve at minimum position
OXEW2019	12/14/2022 10:52	57.9	41.3	0.4	0.4	-0.82	-0.82	-25.96	52.0	2.7	Valve Adjustment:No Change
OXEW2019	12/15/2022 13:44	58.3	41.7	0.0	0.0	-0.67	-9.91	-25.75	56.5	12.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2019	12/16/2022 9:01	53.9	35.7	2.4	8.0	-24.35	-23.96	-25.75	49.4	2.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2020	12/12/2022 10:47	52.4	40.9	0.0	6.7	-8.30	-8.36	-43.56	131.3	12.4	Valve Adjustment:No Change,Valve 20% open
OXEW2020	12/13/2022 9:17	57.5	41.9	0.0	0.6	-9.42	-9.38	-44.13	130.1	12.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2020	12/28/2022 11:41	54.8	43.4	1.8	0.0	-8.69	-8.69	-44.33	130.0	12.3	Valve Adjustment:No Change,Valve 20% open
OXEW2021	12/12/2022 10:34	57.5	37.1	0.0	5.4	-1.26	-4.00	-42.94	68.4	1.5	Valve Adjustment:Opened valve 1/2 turn or less, Valve 25% open
OXEW2021	12/28/2022 11:49	55.4	39.5	0.3	4.8	-4.36	-5.22	-44.58	93.9	2.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open

OXEW2022	12/12/2022 10:11	54.4	42.0	0.1	3.5	-41.95	-41.85	-42.86	124.8	5.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2022	12/28/2022 14:22	55.2	39.3	0.2	5.3	-42.91	-42.68	-44.14	124.6	4.4	Valve Adjustment:No Change,Valve 100% open
OXEW2023	12/12/2022 10:08	57.4	42.3	0.3	0.0	-37.41	-37.55	-38.42	124.7	8.9	Valve Adjustment:No Change,Valve 100% open
OXEW2023	12/19/2022 11:55	57.8	42.1	0.1	0.0	-40.12	-40.16	-40.70	123.0	10.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2024	12/8/2022 11:32	51.4	39.2	0.0	9.4	-7.67	-7.55	-42.63	115.5	46.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2024	12/19/2022 11:01	52.6	39.6	0.0	7.8	-7.55	-7.52	-44.36	115.3	49.0	Valve Adjustment:No Change,Valve 40% open
OXEW2026	12/12/2022 11:08	58.5	41.1	0.4	0.0	-38.61	-38.61	-40.24	95.7	13.8	Valve Adjustment:No Change,Valve 100% open
OXEW2026	12/20/2022 9:54	57.8	39.7	0.1	2.4	-36.40	-36.57	-38.80	99.8	22.9	Valve Adjustment:No Change,Valve 100% open
OXEW2028	12/12/2022 9:15	53.3	42.2	1.3	3.2	-40.27	-40.10	-40.70	46.1	9.3	Valve Adjustment:No Change
OXEW2028	12/16/2022 11:02	52.9	38.7	1.1	7.3	-40.13	-40.03	-40.00	52.6	0.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2028	12/20/2022 10:00	49.1	38.7	2.8	9.4	-39.97	-39.98	-39.64	53.1	1.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2029	12/12/2022 10:07	52.6	41.3	0.5	5.6	-1.95	-1.95	-43.66	123.0	8.1	Valve Adjustment:No Change,Valve 15% open
OXEW2029	12/28/2022 14:13	54.1	42.5	0.5	2.9	-1.26	-1.42	-43.12	122.9	7.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2030	12/12/2022 10:23	57.1	42.8	0.1	0.0	-24.91	-24.79	-25.73	123.6	4.6	Valve Adjustment:No Change,Valve 100% open
OXEW2030	12/23/2022 8:51	56.6	43.4	0.0	0.0	-25.40	-25.32	-25.50	122.7	6.2	Valve Adjustment:No Change,Valve 100% open
OXEW2031	12/13/2022 13:09	54.3	38.3	0.1	7.3	-42.26	-42.20	-42.51	126.1	2.7	Valve Adjustment:No Change,Valve 100% open
OXEW2031	12/23/2022 8:55	56.2	43.8	0.0	0.0	-39.94	-39.94	-40.67	125.9	1.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2101	12/09/2022 15:08	52.4	38.0	0.5	9.1	-0.21	-0.21	-44.24	124.3	16.9	Valve Adjustment:No Change
OXEW2101	12/28/2022 11:29	52.2	42.1	0.0	5.7	-0.60	-0.60	-44.14	124.5	15.5	Valve Adjustment:No Change
OXEW2102	12/8/2022 11:53	56.7	40.6	0.2	2.5	-25.74	-25.75	-26.58	63.5	7.0	Valve Adjustment:No Change,Valve 100% open
OXEW2102	12/19/2022 11:18	58.2	39.2	0.1	2.5	-25.97	-26.07	-26.68	63.0	6.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2103	12/8/2022 11:36	54.6	41.0	0.7	3.7	-4.80	-4.82	-40.27	105.5	50.1	Valve Adjustment:No Change,Valve 40% open
OXEW2103	12/19/2022 11:08	53.2	37.3	1.2	8.3	-4.88	-4.98	-42.29	104.9	52.1	Valve Adjustment:No Change,Valve 40% open
OXEW2104	12/09/2022 12:35	57.1	38.8	0.1	4.0	-5.82	-6.77	-44.69	114.7	10.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2104	12/29/2022 7:51	54.2	38.4	0.1	7.3	-8.97	-10.27	-45.36	111.9	10.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2105	12/13/2022 10:54	55.0	35.2	1.3	8.5	-26.67	-26.67	-26.09	102.5	17.2	Valve Adjustment:No Change,Valve 100% open
OXEW2105	12/19/2022 11:33	57.8	42.2	0.0	0.0	-25.93	-25.80	-25.99	101.5	10.1	Valve Adjustment:No Change,Valve 100% open
OXEW2106	12/6/2022 9:35	53.7	46.1	0.0	0.2	-40.33	-40.35	-40.66	114.4	5.2	Valve Adjustment:No Change,Valve 100% open
OXEW2106	12/20/2022 11:00	52.9	40.3	0.4	6.4	-39.38	-39.35	-39.52	114.5	6.8	Valve Adjustment:No Change,Valve 100% open
OXEW2107	12/2/2022 11:31	52.5	42.0	0.7	4.8	-41.89	-42.18	-45.08	121.4	20.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2107	12/22/2022 10:09	51.7	48.3	0.0	0.0	-42.91	-42.85	-44.37	122.2	2.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2108	12/2/2022 10:55	55.3	42.5	0.1	2.1	-3.30	-3.42	-48.00	128.1	19.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2108	12/21/2022 11:14	53.6	46.4	0.0	0.0	-2.03	-2.03	-47.28	128.4	20.6	Valve Adjustment:No Change,Valve 20% open
OXEW2109	12/22/2022 11:17	47.5	41.7	0.1	10.7	-8.11	-7.68	-47.11	85.0	3.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2109	12/22/2022 9:30	54.9	45.1	0.0	0.0	0.24	-0.09	-47.43	51.7	3.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	12/22/2022 9:32	53.2	46.8	0.0	0.0	-0.51	-0.53	-47.62	57.1	3.5	Valve Adjustment:No Change,Valve at minimum position
OXEW2110	12/12/2022 10:14	58.5	41.1	0.4	0.0	-36.86	-36.86	-37.24	95.1	4.8	Valve Adjustment:No Change,Valve 100% open
OXEW2110	12/19/2022 11:52	58.5	41.4	0.1	0.0	-39.98	-39.96	-40.34	95.4	9.4	Valve Adjustment:No Change,Valve 100% open

OXEW2111	12/9/2022 8:57	56.5	40.7	0.2	2.6	-9.22	-9.57	-41.98	98.6	131.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2111	12/28/2022 15:03	53.7	35.0	0.1	11.2	-9.91	-9.85	-42.96	97.6	132.2	Valve Adjustment:No Change.Valve 70% open
OXEW2112	12/12/2022 12:43	46.3	53.7	0.0	0.0	-39.42	-39.35	-44.29	108.3	6.9	Valve Adjustment:Closed valve 1/2 turn or less, Valve 95% open
OXEW2112	12/20/2022 10:31	53.3	46.7	0.0	0.0	-37.79	-37.68	-42.52	105.5	6.7	Valve Adjustment:No Change.Valve 100% open
OXEW2113	12/12/2022 12:48	52.3	43.7	0.2	3.8	-30.51	-30.52	-43.91	122.3	51.5	Valve Adjustment:No Change.Valve 55% open
OXEW2113	12/20/2022 10:36	51.3	41.0	0.1	7.6	-28.96	-28.99	-43.27	122.5	52.9	Valve Adjustment:Closed valve 1/2 turn or less, Valve 55% open
OXEW2207	12/8/2022 12:02	53.5	40.3	0.2	6.0	-18.69	-18.61	-26.37	112.3	119.2	Valve Adjustment:No Change.Valve 75% open
OXEW2207	12/19/2022 11:24	54.6	41.5	0.0	3.9	-19.06	-19.97	-26.32	112.6	119.8	Valve Adjustment:Opened valve 1/2 turn or less, Valve 85% open
OXEW2208	12/12/2022 12:54	58.5	41.5	0.0	0.0	-1.15	-1.21	-41.14	122.6	33.1	Valve Adjustment:Opened valve 1/2 turn or less, Valve 20% open
OXEW2208	12/20/2022 10:46	56.9	40.1	0.0	3.0	-1.35	-1.42	-39.19	122.1	21.2	Valve Adjustment:Opened valve 1/2 turn or less, Valve 20% open
OXEW2209	12/8/2022 11:39	57.8	41.1	0.1	1.0	-37.72	-37.66	-38.64	95.6	50.0	Valve Adjustment:No Change.Valve 100% open
OXEW2209	12/19/2022 11:11	58.5	40.7	0.1	0.7	-39.39	-39.20	-40.42	94.9	54.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2210	12/12/2022 9:40	56.1	41.1	0.5	2.3	-19.10	-19.43	-39.69	105.1	17.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2210	12/28/2022 13:33	53.6	43.5	0.4	2.5	-18.33	-18.33	-39.30	105.0	15.9	Valve Adjustment:No Change.Valve at minimum position
OXEW2211	12/12/2022 9:26	56.5	41.3	0.9	1.3	-35.76	-35.68	-36.74	123.5	10.1	Valve Adjustment:No Change.Valve 100% open
OXEW2211	12/19/2022 12:04	57.7	39.3	0.2	2.8	-38.00	-37.87	-38.51	123.2	7.7	Valve Adjustment:No Change.Valve 100% open
OXEW2212	12/8/2022 11:24	56.1	21.2	0.3	22.4	-0.72	-0.72	-41.66	111.6	14.0	Valve Adjustment:No Change.Valve at minimum position
OXEW2212	12/19/2022 10:53	56.3	41.0	0.0	2.7	-0.67	-0.63	-43.75	110.7	15.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2213	12/2/2022 7:07	59.7	37.5	0.3	2.5	-32.34	-32.30	-42.50	107.9	174.1	Valve Adjustment:No Change.Valve 100% open
OXEW2213	12/20/2022 9:47	55.9	36.9	0.2	7.0	-33.41	-33.41	-39.36	107.3	34.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2214	12/9/2022 9:29	52.0	38.1	0.0	9.9	-1.20	-1.21	-43.73	99.6	13.0	Valve Adjustment:No Change.Valve at minimum position
OXEW2214	12/20/2022 12:19	52.0	30.2	0.1	17.7	-0.98	-0.97	-43.68	99.1	108.2	Valve Adjustment:No Change.Valve at minimum position
OXEWHC6A**	12/2/2022 9:47	54.2	45.8	0.0	0.0	0.26	-0.05	-47.82	46.9	0.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEWHC6A**	12/2/2022 9:49	55.9	44.1	0.0	0.0	-0.03	-0.11	-48.29	51.2	0.9	Valve Adjustment:No Change.Valve at minimum position
OXEWHC6A**	12/2/2022 10:48	56.9	41.2	0.0	1.9	-0.30	-0.31	-47.10	53.6	0.2	Valve Adjustment:No Change
OXEWHC6A**	12/21/2022 12:26	53.8	46.2	0.0	0.0	0.21	-0.05	-47.20	70.5	0.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEWHC6A**	12/21/2022 12:27	53.8	46.2	0.0	0.0	-0.20	-0.19	-47.61	71.1	0.4	Valve Adjustment:No Change
OXHC1922	12/12/2022 12:50	51.9	41.3	0.2	6.6	-0.11	-0.11	-40.55	57.4	10.3	Valve Adjustment:No Change.Valve 20% open
OXHC1922	12/20/2022 10:41	56.5	39.1	0.1	4.3	-0.19	-0.18	-39.44	55.4	7.3	Valve Adjustment:No Change.Valve 20% open
OXHC2000	12/9/2022 9:14	57.7	42.3	0.0	0.0	-8.71	-8.65	-42.89	70.5	146.9	Valve Adjustment:No Change.Valve 90% open
OXHC2000	12/20/2022 12:34	57.0	34.7	0.7	7.6	-14.08	-14.12	-42.77	69.6	134.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2001	12/9/2022 9:09	52.5	47.4	0.1	0.0	-13.47	-14.77	-41.57	62.3	121.8	Valve Adjustment:No Change.Valve 90% open
OXHC2001	12/20/2022 12:38	59.1	37.4	0.1	3.4	-12.65	-13.52	-41.13	66.3	118.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2013	12/13/2022 13:26	57.0	38.6	2.9	1.5	-34.86	-31.24	-46.55	68.2	35.4	Valve Adjustment:No Change.Valve 15% open
OXHC2013	12/22/2022 12:19	49.6	45.9	4.5	0.0	-0.49	-0.50	-45.29	67.3	19.0	Valve Adjustment:Closed valve 1/2 turn or less
OXHC2014	12/12/2022 12:33	44.7	30.8	1.4	23.1	-7.95	-7.31	-51.55	87.3	26.9	Valve Adjustment:Closed valve 1/2 turn or less, Valve 55% open
OXHC2014	12/20/2022 10:17	46.6	34.7	1.2	17.5	-6.87	-6.47	-53.03	87.3	25.3	Valve Adjustment:Closed valve 1/2 turn or less, Valve 50% open
OXHC2015	12/5/2022 7:40	60.3	37.2	0.1	2.4	-3.54	-3.68	-48.39	48.9	16.9	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 20% open

OXHC2015	12/21/2022 9:06	52.6	33.9	0.2	13.3	-3.78	-3.79	-48.96	50.8	23.9	Valve Adjustment:No Change, Valve at minimum position
OXHC2101	12/9/2022 8:29	54.9	37.9	0.1	7.1	-0.14	-0.14	-7.45	79.4	8.1	Valve Adjustment:No Change, Valve 20% open
OXHC2101	12/15/2022 12:15	49.4	43.2	1.2	6.2	-0.71	-0.49	-40.22	88.5	11.8	Valve Adjustment:Closed valve 1/2 turn or less, Valve 15% open
OXHC2101	12/15/2022 14:04	48.8	44.5	0.8	5.9	-0.38	-0.38	-40.12	86.7	11.7	Valve Adjustment:No Change
OXHC2101	12/19/2022 8:29	40.7	36.6	0.9	21.8	-0.46	-0.44	-43.09	88.7	22.3	Valve Adjustment:Closed valve 1/2 turn or less, Valve 15% open
OXLCRA41	12/5/2022 7:50	57.0	34.0	0.4	8.6	-4.71	-20.73	-49.05	55.7	19.7	Valve Adjustment:Opened valve 1/2 turn or less, Valve 30% open
OXLCRA41	12/21/2022 9:09	53.9	41.2	0.4	4.5	-38.95	-33.03	-49.03	58.5	37.3	Valve Adjustment:No Change, Valve 30% open
OXLCRAB1	12/5/2022 7:46	0.3	3.0	20.4	76.3	-0.61	-1.46	-48.48	48.5	16.5	Valve Adjustment:NSPS/CAI, Opened valve 1/2 turn or less
OXLCRAB1	12/5/2022 7:47	0.0	0.6	20.9	78.5	-2.46	-0.94	-48.55	48.9	3.8	Valve Adjustment:NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less
OXLCRAB1	12/14/2022 9:59	0.0	0.5	22.4	77.1	-0.94	-0.88	-47.83	58.7	3.4	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less
OXLCRAB1	12/14/2022 10:01	0.0	0.2	22.4	77.4	-0.86	-0.83	-48.47	57.1	3.1	Valve Adjustment:NSPS, Valve at minimum position, Closed valve 1/2 turn or less
OXLCRAB1	12/29/2022 8:15	1.3	5.0	21.4	72.3	-1.12	-1.11	-47.91	47.1	6.8	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less
OXLCRAB1	12/29/2022 11:29	0.1	0.5	21.3	78.1	-0.89	-0.97	-43.99	50.9	8.5	Valve Adjustment:NSPS, No Change
OXLCRS07	12/9/2022 9:20	52.1	40.8	2.3	4.8	-0.30	-0.29	-43.76	76.5	3.0	Valve Adjustment:No Change, Valve 5% open
OXLCRS07	12/28/2022 9:36	40.9	32.4	4.0	22.7	-0.65	-0.44	-45.04	74.6	21.7	Valve Adjustment:Closed valve 1/2 turn or less, Valve 5% open
OXLCRS10	12/9/2022 8:32	58.6	41.1	0.0	0.3	-1.99	-1.98	-6.93	88.3	16.5	Valve Adjustment:No Change, Valve 100% open
OXLCRS10	12/15/2022 12:10	56.3	43.4	0.3	0.0	-13.78	-14.51	-37.97	83.0	35.7	Valve Adjustment:No Change, Valve 100% open
OXLCRS10	12/15/2022 14:06	56.5	43.2	0.3	0.0	-11.86	-12.70	-38.06	83.3	36.9	Valve Adjustment:No Change
OXLCRS10	12/19/2022 8:19	55.1	38.7	0.9	5.3	-12.50	-12.82	-39.66	84.4	37.3	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXLCRS11	12/9/2022 8:35	57.6	41.2	0.0	1.2	-1.46	-1.44	-8.07	85.3	18.9	Valve Adjustment:No Change, Valve 100% open
OXLCRS11	12/15/2022 12:07	52.8	45.8	0.2	1.2	-5.76	-5.36	-42.66	82.7	42.3	Valve Adjustment:Closed valve 1/2 turn or less, Valve 90% open
OXLCRS11	12/15/2022 14:09	52.0	42.9	0.2	4.9	-5.27	-5.27	-41.48	82.1	41.4	Valve Adjustment:No Change
OXLCRS11	12/19/2022 8:26	38.5	36.7	2.6	22.2	-3.50	-2.76	-49.66	81.7	30.2	Valve Adjustment:Closed valve 1/2 turn or less, Valve 45% open
OXLCRS3A	12/2/2022 11:14	50.9	41.6	0.7	6.8	-33.21	-33.15	-40.69	92.2	98.3	Valve Adjustment:No Change, Valve 100% open
OXLCRS3A	12/29/2022 11:46	57.8	40.6	0.3	1.3	-33.54	-33.38	-38.03	89.0	114.3	Valve Adjustment:No Change, Valve 100% open
OXLCRS3B	12/2/2022 11:06	54.4	38.7	0.8	6.1	-31.85	-31.72	-41.45	92.4	96.2	Valve Adjustment:No Change, Valve 100% open
OXLCRS3B	12/16/2022 9:41	55.8	43.7	0.0	0.5	-41.80	-40.59	-43.18	90.7	78.0	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXLCRS3B	12/16/2022 9:44	55.4	44.6	0.0	0.0	-40.89	-40.22	-42.86	89.9	78.8	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXLCRS7B	12/9/2022 9:25	52.3	39.3	1.9	6.5	-5.16	-5.56	-43.39	75.6	15.3	Valve Adjustment:No Change, Valve 30% open
OXLCRS7B	12/28/2022 9:39	41.1	32.0	4.5	22.4	-14.32	-7.24	-44.39	68.2	22.9	Valve Adjustment:Closed valve 1/2 turn or less, Valve 20% open
OXLCRS9A	12/12/2022 12:37	48.7	51.3	0.0	0.0	-0.49	-0.48	-43.89	81.1	24.8	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less
OXLCRS9A	12/20/2022 10:22	50.9	48.6	0.0	0.5	-0.89	-0.88	-42.04	80.5	24.8	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less
OXLCRS9B	12/12/2022 12:39	45.7	54.3	0.0	0.0	-0.03	-0.08	-43.59	72.2	12.3	Valve Adjustment:No Change, Valve at minimum position
OXLCRS9B	12/20/2022 10:28	48.5	51.4	0.0	0.1	-0.87	-0.84	-41.47	71.2	9.5	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less
OXME302D	12/12/2022 10:37	56.5	39.5	4.0	0.0	-16.45	-16.74	-43.64	118.0	19.5	Valve Adjustment:No Change
OXME302D	12/28/2022 11:47	52.2	40.0	1.0	6.8	-15.70	-15.58	-44.39	117.8	19.6	Valve Adjustment:No Change
OXME306D	12/13/2022 9:02	44.7	34.5	0.3	20.5	-42.34	-42.20	-44.94	120.4	0.9	Valve Adjustment:Closed valve 1/2 turn or less, Valve 90% open
OXME306D	12/16/2022 13:30	40.6	39.5	0.9	19.0	-37.30	-35.72	-40.13	119.7	6.2	Valve Adjustment:Closed valve 1/2 turn or less, Valve 70% open

OXME312D	12/12/2022 10:01	51.8	41.0	0.1	7.1	-1.60	-1.60	-1.60	-42.27	83.7	46.5	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	12/23/2022 10:42	51.2	43.5	0.0	5.3	-1.34	-1.34	-1.34	-42.41	89.2	12.8	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	12/17/2022 12:18	58.5	40.9	0.4	0.2	-33.39	-33.39	-33.39	-34.92	127.3	23.3	Valve Adjustment:No Change.Valve 100% open
OXME316D	12/12/2022 11:01	43.9	37.4	0.1	18.6	-41.02	-40.69	-40.69	-43.03	121.0	2.3	Valve Adjustment:Closed valve 1/2 turn or less.Valve 90% open
OXME316D	12/23/2022 9:56	57.4	42.6	0.0	0.0	-36.78	-36.76	-36.76	-39.03	126.8	26.7	Valve Adjustment:No Change.Valve 100% open
OXME317D	12/17/2022 12:23	53.9	38.0	0.9	7.2	-37.12	-37.12	-37.12	-37.22	71.3	63.4	Valve Adjustment:No Change
OXME317D	12/23/2022 10:02	53.8	46.0	0.2	0.0	-41.13	-41.09	-41.09	-41.21	70.8	11.8	Valve Adjustment:No Change
OXMEW113	12/13/2022 10:05	51.9	38.4	0.8	8.9	-9.07	-8.92	-8.92	-42.64	53.1	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW113	12/29/2022 9:38	51.3	43.5	1.9	3.3	-4.42	-5.04	-5.04	-38.50	67.5	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	12/19/2022 12:30	49.1	44.5	3.7	2.7	-44.27	-44.20	-44.20	-44.47	73.5	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	12/27/2022 10:28	40.4	29.5	7.2	22.9	-41.06	-41.02	-41.02	-41.65	56.9	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	12/27/2022 10:33	42.7	31.6	6.2	19.5	-41.41	-41.39	-41.39	-42.05	57.0	0.0	Valve Adjustment:NSPS,Closed valve 1/2 turn or less
OXMEW126	12/8/2022 9:46	56.7	42.7	0.1	0.5	-40.31	-40.62	-40.62	-43.01	62.6	94.2	Valve Adjustment:No Change.Valve 100% open
OXMEW126	12/29/2022 10:25	37.4	35.0	1.6	26.0	-38.57	-38.57	-38.57	-41.09	57.2	161.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW138	12/2/2022 10:56	46.9	37.2	1.2	14.7	-1.72	-1.71	-1.71	-39.38	69.6	5.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW138	12/16/2022 9:38	49.3	40.9	0.0	9.8	-2.29	-2.02	-2.02	-41.85	66.5	6.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW145	12/16/2022 12:29	57.5	41.1	0.1	1.3	-44.24	-44.35	-44.35	-44.16	86.3	7.9	Valve Adjustment:No Change.Valve 100% open
OXMEW145	12/29/2022 9:01	56.0	41.8	0.0	2.2	-40.17	-40.13	-40.13	-40.02	83.4	18.4	Valve Adjustment:No Change.Valve 100% open
OXMEW156	12/2/2022 9:40	55.7	44.3	0.0	0.0	-0.35	-0.35	-0.35	-47.89	50.7	1.7	Valve Adjustment:No Change.Valve at minimum position
OXMEW156	12/21/2022 12:22	55.4	44.5	0.1	0.0	-2.03	-2.03	-2.03	-47.30	64.4	3.1	Valve Adjustment:No Change.Valve at minimum position
OXMEW158	12/8/2022 9:26	55.4	41.7	0.0	2.9	-1.19	-2.06	-2.06	-43.92	49.5	16.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW158	12/23/2022 11:35	53.6	41.4	0.1	4.9	-1.37	-1.36	-1.36	-44.71	68.5	7.6	Valve Adjustment:No Change.Valve at minimum position
OXMEW159	12/8/2022 9:32	52.4	44.9	1.0	1.7	-24.81	-24.72	-24.72	-43.70	67.6	15.4	Valve Adjustment:No Change.Valve at minimum position
OXMEW159	12/19/2022 11:06	49.1	50.8	0.1	0.0	-18.01	-0.81	-0.81	-43.74	67.8	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW159	12/19/2022 11:10	48.7	51.3	0.0	0.0	-0.69	-0.54	-0.54	-43.82	66.3	8.1	Valve Adjustment:No Change.Valve at minimum position
OXMEW159	12/23/2022 11:38	49.8	50.2	0.0	0.0	-0.84	-0.15	-0.15	-44.71	66.3	5.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW162	12/2/2022 12:56	50.3	32.0	2.6	15.1	-43.35	-43.38	-43.38	-44.15	58.3	21.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW162	12/27/2022 9:15	54.3	36.5	0.6	8.6	-38.43	-38.47	-38.47	-40.54	59.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	12/1/2022 12:10	40.8	35.0	0.1	24.1	-33.57	-19.24	-19.24	-35.97	52.7	0.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW170	12/21/2022 9:34	63.2	35.9	0.0	0.9	-0.30	-1.24	-1.24	-45.10	63.2	2.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW170	12/21/2022 9:36	64.3	35.7	0.0	0.0	-7.37	-7.38	-7.38	-45.11	64.0	1.3	Valve Adjustment:No Change
OXMEW173	12/1/2022 13:14	46.6	41.9	0.4	11.1	-1.90	-1.89	-1.89	-47.39	66.0	19.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	12/21/2022 11:50	39.2	35.1	0.1	25.6	-1.77	-1.76	-1.76	-47.39	73.4	8.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW174	12/2/2022 9:37	56.6	40.7	0.0	2.7	-1.28	-1.27	-1.27	-48.07	54.7	4.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW174	12/21/2022 12:18	51.4	42.3	1.6	4.7	-1.13	-1.00	-1.00	-47.50	59.4	5.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	12/2/2022 9:57	54.8	45.2	0.0	0.0	-3.03	-3.03	-3.03	-48.34	57.2	5.4	Valve Adjustment:No Change.Valve at minimum position
OXMEW175	12/21/2022 12:29	53.8	46.0	0.2	0.0	-3.27	-3.28	-3.28	-47.62	62.6	3.2	Valve Adjustment:No Change.Valve at minimum position
OXMEW176	12/13/2022 13:39	52.0	35.1	0.4	12.5	-21.35	-21.35	-21.35	-45.19	110.7	48.7	Valve Adjustment:No Change

OXMEW176	12/22/2022 11:43	52.0	45.0	0.2	2.8	-20.99	-21.14	-43.95	110.1	52.3	Valve Adjustment:No Change
OXMEW181	12/8/2022 8:38	52.4	41.2	0.0	6.4	-18.70	-17.75	-43.52	112.4	50.7	Valve Adjustment:No Change
OXMEW181	12/23/2022 11:11	52.0	48.0	0.0	0.0	-17.29	-17.17	-44.73	113.0	57.1	Valve Adjustment:No Change
OXMEW182	12/7/2022 12:37	51.6	38.5	0.6	9.3	-34.58	-34.55	-35.01	119.0	35.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMEW182	12/23/2022 10:13	52.2	43.2	2.4	2.2	-37.87	-37.82	-43.32	119.3	24.4	Valve Adjustment:No Change,Valve 100% open
OXMEW183	12/12/2022 9:26	46.8	35.3	0.0	17.9	-10.03	-10.02	-42.43	115.8	53.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW183	12/20/2022 13:32	46.3	38.0	0.1	15.6	-9.37	-8.38	-41.87	116.2	55.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	12/9/2022 14:52	52.1	29.2	0.2	18.5	-0.39	-0.38	-9.24	123.5	29.6	Valve Adjustment:No Change
OXMEW184	12/20/2022 13:14	50.8	37.0	0.1	12.1	-0.53	-0.55	-23.18	121.4	25.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	12/9/2022 14:56	47.9	35.5	0.2	16.4	-0.33	-0.33	-42.80	110.4	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	12/20/2022 13:21	45.7	36.4	0.3	17.6	-0.42	-0.35	-42.42	109.3	24.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW186	12/12/2022 9:50	50.6	38.2	1.7	9.5	-4.39	-2.15	-42.20	108.9	23.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW186	12/23/2022 10:31	41.8	39.1	4.7	14.4	-0.72	-0.73	-42.70	76.0	1.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW187	12/9/2022 15:23	51.3	38.3	0.1	10.3	-0.03	-0.03	-43.26	114.0	11.1	Valve Adjustment:No Change
OXMEW187	12/28/2022 11:11	46.2	41.3	0.1	12.4	-0.52	-0.51	-43.24	113.1	9.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	12/9/2022 15:04	52.2	39.3	0.0	8.5	-0.15	-0.15	-31.30	100.9	30.7	Valve Adjustment:No Change
OXMEW188	12/29/2022 9:28	53.2	46.2	0.0	0.6	-0.83	-0.82	-29.23	95.2	26.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW189	12/9/2022 15:06	53.5	39.0	0.1	7.4	-7.16	-7.39	-42.58	121.3	98.6	Valve Adjustment:No Change
OXMEW189	12/28/2022 11:26	52.1	42.3	0.2	5.4	-6.67	-6.68	-42.67	121.1	56.1	Valve Adjustment:No Change
OXMEW190	12/12/2022 10:04	52.6	40.7	0.3	6.4	-14.96	-14.76	-42.02	124.0	36.0	Valve Adjustment:No Change,Valve 40% open
OXMEW190	12/23/2022 10:45	52.2	42.9	0.1	4.8	-14.96	-14.85	-42.31	124.4	35.8	Valve Adjustment:No Change,Valve 40% open
OXMEW191	12/11/2022 13:10	53.0	47.0	0.0	0.0	-2.89	-2.89	-47.46	120.7	25.8	Valve Adjustment:No Change
OXMEW191	12/21/2022 11:58	51.5	46.3	0.0	2.2	-3.39	-3.39	-47.43	121.4	18.6	Valve Adjustment:No Change
OXMEW192	12/2/2022 10:23	57.9	41.0	0.1	1.0	-0.72	-1.91	-48.41	49.6	16.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW192	12/21/2022 11:23	52.0	46.0	0.0	2.0	-2.17	-2.17	-47.30	77.0	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW194	12/8/2022 8:48	54.2	40.6	0.3	4.9	-43.08	-43.12	-43.78	87.4	19.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW194	12/8/2022 8:49	53.3	41.9	0.3	4.5	-43.43	-43.32	-44.14	87.5	21.6	Valve Adjustment:No Change
OXMEW194	12/23/2022 11:18	53.4	46.4	0.2	0.0	-44.51	-44.51	-45.21	87.0	20.8	Valve Adjustment:No Change
OXMEW196	12/7/2022 12:43	41.2	35.6	2.7	20.5	-8.30	-8.29	-37.76	65.2	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	12/12/2022 9:40	37.0	32.4	4.8	25.8	-7.35	-7.36	-42.14	50.4	8.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	12/23/2022 10:20	39.5	35.4	4.5	20.6	-6.99	-6.98	-42.48	64.3	6.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	12/12/2022 9:44	50.3	40.4	0.0	9.3	-9.91	-9.75	-41.34	122.6	65.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	12/23/2022 10:25	50.3	46.5	0.1	3.1	-9.13	-9.18	-31.51	123.8	56.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	12/9/2022 15:25	52.2	37.9	0.1	9.8	-0.52	-0.52	-44.26	116.1	15.0	Valve Adjustment:No Change
OXMEW200	12/13/2022 12:55	45.6	36.3	0.6	17.5	-0.96	-0.97	-44.51	115.3	15.7	Valve Adjustment:No Change
OXMEW200	12/28/2022 11:09	44.7	38.2	0.1	17.0	-1.09	-1.09	-43.70	116.5	11.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	12/9/2022 14:58	48.5	35.8	0.0	15.7	-0.15	-0.15	-43.00	98.8	9.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	12/20/2022 13:24	46.6	38.1	0.0	15.3	-0.25	-0.25	-42.13	99.7	8.1	Valve Adjustment:Closed valve 1/2 turn or less

OXMEW203	12/16/2022 13:27	52.3	29.4	2.1	16.2	-2.11	-2.11	-2.11	-44.92	63.6	6.0	Valve Adjustment:No Change,Valve 10% open
OXMEW203	12/29/2022 9:14	53.8	36.3	0.2	9.7	-3.97	-3.97	-3.97	-40.77	58.8	3.9	Valve Adjustment:No Change,Valve 10% open
OXMEW204	12/2/2022 11:25	55.4	40.2	0.1	4.3	-1.16	-1.61	-1.61	-39.29	90.1	12.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW204	12/16/2022 10:14	44.4	39.5	0.1	16.0	-9.36	-7.74	-7.74	-38.18	97.4	5.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXMEW205	12/19/2022 15:20	52.6	39.0	0.2	8.2	-0.02	-0.04	-0.04	-43.21	102.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW205	12/28/2022 11:18	50.0	44.7	0.4	4.9	-0.12	-0.17	-0.17	-43.11	110.7	0.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXMEW209	12/12/2022 10:14	52.0	41.9	0.3	5.8	-4.35	-4.35	-4.35	-43.30	129.3	13.7	Valve Adjustment:No Change,Valve 20% open
OXMEW209	12/28/2022 11:38	52.4	41.9	0.0	5.7	-4.31	-4.31	-4.31	-67.02	128.7	57.9	Valve Adjustment:No Change,Valve 20% open
OXMEW210	12/12/2022 11:04	45.5	39.1	0.3	15.1	-40.28	-40.12	-40.12	-43.12	125.7	1.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXMEW210	12/16/2022 13:35	43.4	36.0	0.9	19.7	-37.20	-36.87	-36.87	-39.94	125.4	4.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXMEW300	12/12/2022 10:27	52.0	38.2	2.1	7.7	-23.11	-23.16	-23.16	-43.80	101.6	15.6	Valve Adjustment:No Change
OXMEW300	12/28/2022 11:53	55.3	37.7	2.1	4.9	-16.65	-16.63	-16.63	-43.53	100.7	14.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXMEW302	12/12/2022 10:40	46.2	36.5	0.0	17.3	-8.17	-7.00	-7.00	-43.68	109.9	21.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	12/28/2022 11:46	52.6	41.1	0.0	6.3	-5.94	-5.98	-5.98	-44.24	106.9	12.5	Valve Adjustment:No Change
OXMEW306	12/13/2022 9:05	32.9	33.6	0.1	33.4	-6.16	-6.12	-6.12	-41.87	66.8	6.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	12/16/2022 13:24	37.8	38.9	0.3	23.0	-5.84	-5.72	-5.72	-34.29	71.7	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	12/16/2022 12:24	56.8	37.8	0.4	5.0	-44.47	-44.48	-44.48	-44.48	84.9	5.3	Valve Adjustment:No Change,Valve 100% open
OXMEW307	12/29/2022 8:57	56.7	41.6	0.2	1.5	-40.15	-40.08	-40.08	-39.97	83.4	2.3	Valve Adjustment:No Change,Valve 100% open
OXMEW309	12/12/2022 10:50	51.9	42.3	0.2	5.6	-25.50	-25.51	-25.51	-42.20	128.5	53.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	12/28/2022 11:36	50.7	45.1	0.2	4.0	-24.37	-23.84	-23.84	-43.19	129.4	64.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	12/7/2022 10:32	52.4	43.3	0.3	4.0	-3.19	-3.19	-3.19	-36.96	103.3	71.5	Valve Adjustment:No Change
OXMEW310	12/23/2022 8:39	53.2	46.8	0.0	0.0	-1.88	-1.88	-1.88	-40.88	106.4	33.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	12/22/2022 11:55	48.5	39.3	0.5	11.7	-21.24	-19.58	-19.58	-43.82	117.4	18.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	12/16/2022 10:40	50.4	44.4	0.0	5.2	-17.90	-17.68	-17.68	-42.97	117.1	23.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	12/12/2022 9:58	53.2	42.8	0.0	4.0	-2.80	-2.80	-2.80	-41.49	94.9	26.6	Valve Adjustment:No Change
OXMEW312	12/23/2022 10:40	51.2	48.8	0.0	0.0	-2.77	-2.78	-2.78	-42.59	97.9	23.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	12/12/2022 10:23	47.0	41.0	0.0	12.0	-40.49	-40.27	-40.27	-41.93	119.9	21.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXMEW315	12/28/2022 11:57	50.6	36.8	0.2	12.4	-40.96	-40.98	-40.98	-42.89	119.8	22.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXMEW316	12/7/2022 12:15	52.6	40.2	0.5	6.7	-34.69	-34.70	-34.70	-36.71	112.2	0.0	Valve Adjustment:No Change
OXMEW316	12/12/2022 10:58	45.8	40.4	4.2	9.6	-5.79	-5.77	-5.77	-42.00	65.5	21.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW316	12/23/2022 9:53	58.8	41.2	0.0	0.0	-38.77	-39.23	-39.23	-41.29	114.0	18.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	12/7/2022 12:21	57.1	40.9	0.6	1.4	-37.00	-36.85	-36.85	-37.31	104.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	12/23/2022 9:59	56.9	43.0	0.1	0.0	-41.36	-41.36	-41.36	-41.44	105.1	17.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	12/7/2022 12:31	55.1	40.8	0.1	4.0	-1.16	-1.13	-1.13	-37.17	106.0	28.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	12/23/2022 10:10	53.2	45.3	0.0	1.5	-1.33	-1.33	-1.33	-42.37	106.1	4.8	Valve Adjustment:No Change
OXMEW319	12/7/2022 10:23	49.1	39.7	0.7	10.5	-11.50	-11.45	-11.45	-38.87	106.3	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	12/23/2022 8:25	53.9	45.8	0.0	0.3	-10.97	-10.95	-10.95	-43.47	105.3	36.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	12/12/2022 9:55	56.9	42.8	0.3	0.0	-41.40	-41.42	-41.42	-41.62	123.1	11.7	Valve Adjustment:No Change,Valve 100% open

OXMEW320	12/28/2022 14:08	55.6	44.2	0.2	0.0	-49.55	-49.63	-42.47	121.7	163.3	Valve Adjustment:No Change
OXMEW322	12/7/2022 12:10	55.0	40.4	0.3	4.3	-37.64	-37.60	-38.16	117.2	21.5	Valve Adjustment:No Change.Valve 100% open
OXMEW322	12/23/2022 9:48	54.0	38.3	0.1	7.6	-42.36	-42.42	-43.81	117.4	23.4	Valve Adjustment:No Change.Valve 100% open
OXMEW323	12/16/2022 10:13	55.8	42.6	0.0	1.6	-38.08	-38.25	-41.54	112.2	12.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW323	12/23/2022 7:34	57.6	42.3	0.1	0.0	-37.18	-39.20	-41.38	112.0	32.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	12/16/2022 9:44	57.9	42.1	0.0	0.0	-29.62	-29.80	-36.57	118.0	21.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	12/22/2022 12:47	54.6	45.4	0.0	0.0	-30.96	-31.08	-39.28	119.4	16.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	12/16/2022 12:15	60.0	28.9	0.5	10.6	-44.34	-44.35	-44.32	50.5	N/A	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	12/29/2022 8:51	52.2	35.4	0.6	11.8	-40.54	-40.51	-40.45	48.5	N/A	Valve Adjustment:No Change
OXMEWW05	12/5/2022 9:33	55.3	44.5	0.2	0.0	-46.45	-46.38	-46.67	107.5	24.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXMEWW05	12/22/2022 10:36	53.2	46.8	0.0	0.0	-48.57	-48.48	-48.21	106.0	11.6	Valve Adjustment:No Change.Valve 100% open
OXMEWW06	12/5/2022 9:37	55.2	44.7	0.1	0.0	-47.24	-47.06	-47.14	81.9	11.6	Valve Adjustment:No Change.Valve 100% open
OXMEWW06	12/22/2022 11:35	52.0	47.9	0.1	0.0	-48.89	-48.87	-49.14	79.2	5.8	Valve Adjustment:No Change.Valve 80% open
OXMEWW08	12/2/2022 10:59	39.7	32.6	6.6	21.1	-1.20	-1.07	-47.67	47.2	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW08	12/2/2022 11:02	40.6	33.2	5.8	20.4	-1.19	-1.02	-47.23	47.0	0.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW08	12/19/2022 13:32	44.6	44.4	4.5	6.5	-1.38	-1.32	-46.01	60.8	1.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW08	12/21/2022 11:17	51.4	45.6	3.0	0.0	-1.88	-1.81	-47.15	66.4	3.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW17	12/16/2022 9:00	52.6	34.7	1.7	11.0	-41.65	-41.60	-41.34	49.6	15.4	Valve Adjustment:No Change
OXMEWW17	12/22/2022 12:26	53.9	42.2	0.2	3.7	-41.29	-41.31	-41.33	69.0	0.0	Valve Adjustment:No Change.Valve at minimum position
OXMEWW18	12/16/2022 8:54	52.3	38.0	1.8	7.9	-0.18	-0.18	-44.15	52.4	0.0	Valve Adjustment:No Change.Valve at minimum position
OXMEWW18	12/20/2022 11:09	55.9	40.7	0.0	3.4	-0.05	-0.20	-42.72	56.1	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1G	12/5/2022 9:57	54.9	43.9	0.0	1.2	-8.28	-8.77	-45.09	77.1	7.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1G	12/22/2022 10:29	50.9	43.0	0.0	6.1	-12.05	-12.04	-46.09	75.2	7.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1I	12/5/2022 9:54	56.2	43.8	0.0	0.0	-0.27	-1.14	-45.07	57.8	0.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1I	12/22/2022 11:23	53.9	45.4	0.1	0.6	-2.85	-3.07	-46.91	67.2	2.8	Valve Adjustment:No Change.Valve at minimum position
OXMEWW1J	12/5/2022 9:51	55.9	43.8	0.0	0.3	-1.07	-1.44	-45.79	76.0	5.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1J	12/22/2022 11:26	54.0	46.0	0.0	0.0	-2.12	-2.11	-47.19	74.7	5.5	Valve Adjustment:No Change.Valve at minimum position
OXMEWW1K	12/5/2022 9:47	37.2	37.7	2.0	23.1	-22.17	-12.84	-47.74	108.1	20.5	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXMEWW1K	12/22/2022 11:54	49.1	48.1	0.1	2.7	-13.98	-10.85	-47.76	93.1	38.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1S	12/16/2022 9:19	58.6	39.6	0.1	1.7	-39.65	-39.74	-40.59	72.5	30.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	12/22/2022 12:04	55.6	44.0	0.0	0.4	-40.26	-40.32	-41.43	71.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	12/5/2022 8:05	56.2	43.6	0.2	0.0	-45.18	-45.29	-46.04	74.5	25.4	Valve Adjustment:No Change.Valve 100% open
OXMHCF03	12/23/2022 11:58	50.2	49.2	0.6	0.0	-44.75	-45.39	-45.97	69.1	31.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMHCF04	12/5/2022 8:09	51.9	44.0	2.0	2.1	-45.69	-45.69	-45.62	51.9	15.0	Valve Adjustment:No Change
OXMHCF04	12/23/2022 11:54	44.7	37.5	2.7	15.1	-46.19	-46.04	-46.06	69.8	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW30	12/2/2022 11:11	49.9	41.8	1.3	7.0	-47.23	-47.39	-47.07	52.3	10.2	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 60% open
OXMPEW30	12/22/2022 8:50	57.8	42.1	0.1	0.0	-47.96	-47.96	-47.96	49.0	20.1	Valve Adjustment:No Change.Valve 50% open
OXMPEW31	12/5/2022 9:14	57.0	42.4	0.1	0.5	-46.65	-46.61	-46.77	58.2	10.4	Valve Adjustment:No Change.Valve 100% open



OXMPEW31	12/22/2022 10:15	53.4	46.6	0.0	0.0	-48.80	-48.66	-48.38	56.7	6.0	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	12/2/2022 10:13	55.1	42.2	0.1	2.6	-16.51	-16.59	-47.94	73.6	13.4	Valve Adjustment:No Change,Valve at minimum position
OXMPEW32	12/21/2022 12:35	53.5	46.4	0.1	0.0	-16.40	-16.40	-47.75	77.8	20.0	Valve Adjustment:No Change,Valve at minimum position
OXMPEW33	12/2/2022 10:41	57.8	40.8	0.1	1.3	-1.33	-1.45	-48.22	72.4	4.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW33	12/21/2022 12:38	53.6	46.0	0.1	0.3	-1.71	-1.71	-48.11	79.8	5.4	Valve Adjustment:No Change,Valve at minimum position
<b>OXMPEW35</b>	12/2/2022 11:20	52.1	42.1	0.2	5.6	-12.84	-12.84	-43.37	125.2	20.4	Valve Adjustment:No Change
<b>OXMPEW35</b>	12/22/2022 9:36	53.2	46.8	0.0	0.0	-11.96	-11.95	-44.98	124.0	19.9	Valve Adjustment:No Change
OXMPEW44	12/6/2022 9:13	57.6	36.2	0.4	5.8	-41.56	-41.54	-41.11	65.4	18.7	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	12/22/2022 12:30	53.7	46.2	0.1	0.0	-41.63	-41.63	-41.68	71.3	19.8	Valve Adjustment:No Change,Valve 100% open
OXSS2033	12/9/2022 9:05	52.6	46.6	0.3	0.5	-1.40	-1.40	-35.60	53.6	9.0	Valve Adjustment:No Change,Valve at minimum position
OXSS2033	12/20/2022 12:48	53.3	44.1	0.3	2.3	-2.73	-2.76	-40.08	70.7	12.8	Valve Adjustment:No Change
OXSS2034	12/9/2022 8:40	55.6	44.2	0.2	0.0	-36.51	-36.62	-38.07	46.5	3.0	Valve Adjustment:No Change,Valve 100% open
OXSS2034	12/20/2022 12:42	58.2	39.7	0.1	2.0	-35.75	-35.23	-39.38	70.2	3.5	Valve Adjustment:No Change,Valve 100% open
OXSS2215	12/28/2022 13:09	51.8	34.8	2.9	10.5	0.31	0.14	-38.62	65.2	1.7	Valve Adjustment:No Change,Valve at minimum position
OXSS2215	12/28/2022 13:10	50.4	37.7	2.8	9.1	-0.09	-0.11	-38.95	68.7	9.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less

\* - Oxygen is only required to be monitored per NESHAP Subpart AAAAA and high percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are highlighted for reporting purposes only.

**bold italics** = HOV/LTCO approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions: recorded by GEM.

\*\*Well OXEWHC6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

OXEW1618, OXMEW205, OXMEW209, OXMPWEW35

OXEW1618, OXMEW205, OXMEW209, OXMPWEW35  
 ≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(i)  
 OMTLS01, OMTLS02, OMTLS03, OMTLS04, OMTLS05, OMTLS06, OMTLS07, OMTLS08, OMTLS09, OMTLS10, OMTLS11, OMTLS12, OMTLS15, OMTLS16, OMTLS17, OMTLS18, OMTLS19, OMTLS20, OXLCRS4A, OXLCRS4B, OXLCRS06, OXLCRS06, OXLCRS07, OXMEWH66, OXMHBTCH, OXMEWW17, and OXMHGF06.

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)  
 OMTLS01, OMTLS02, OMTLS03, OMTLS04, OMTLS05, OMTLS06, OMTLS07, OMTLS08, OMTLS09, OMTLS10, OMTLS11, OMTLS12, OMTLS15, OMTLS16, OMTLS17, OMTLS18, OMTLS19, OMTLS20, OXLCRS4A, OXLCRS4B, OXLCRS06, OXLCRS06, OXLCRS07.

\*Wells that have been decommissioned are noted with a strikethrough.

**OX MOUNTAIN LANDFILL**  
Wellfield Monitoring Report - January 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 18, 19, 20, 23, 24, 25, 26, 27, 30, and 31, 2023

Device ID	Date and Time	CH <sub>4</sub>		CO <sub>2</sub>		O <sub>2</sub>		BAL		Initial Static Pressure		Adjusted Static Pressure		Lateral Pressure		Initial Temperature		Initial Flow*		Comments
		%		%		%		%		in. wk..	in. wk..	in. wk..	in. wk..	Deg. F.	scfm					
OMLEW101	1/12/2023 9:17	55.1	40.2	1.3	3.4	-1.39	-2.00	-40.93	69.0	2.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less									
OMLEW101	1/20/2023 9:27	49.6	42.1	0.8	7.5	-3.33	-3.33	-40.87	65.5	18.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMLEW104	1/13/2023 11:28	57.2	38.1	0.2	4.5	-16.60	-17.25	-44.76	72.2	25.0	Valve Adjustment:Opened valve 1/2 turn or less									
OMLEW104	1/25/2023 13:39	57.1	38.2	0.3	4.4	-20.33	-23.09	-44.39	74.5	26.2	Valve Adjustment:Opened valve 1/2 turn or less									
OMLEW107	1/13/2023 11:23	54.4	35.7	0.2	9.7	-44.17	-44.06	-44.47	63.8	23.0	Valve Adjustment:No Change									
OMLEW107	1/25/2023 13:33	57.9	32.7	0.3	9.1	-43.90	-43.93	-44.30	71.1	9.7	Valve Adjustment:Opened valve 1/2 turn or less									
OMLFEW59	1/4/2023 11:38	55.9	42.8	0.0	1.3	-0.05	-0.08	-21.27	83.5	24.8	Valve Adjustment:Opened valve 1/2 turn or less									
OMLFEW59	1/13/2023 8:45	34.8	29.8	0.3	35.1	-3.32	-3.22	-40.26	107.7	34.7	Valve Adjustment:Closed valve 1/2 turn or less									
OMLFEW59	1/19/2023 9:47	36.2	33.7	0.4	29.7	-3.51	-2.87	-40.87	107.6	33.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open									
OMLFEW72	1/13/2023 11:46	54.9	42.9	2.2	0.0	-0.12	-0.12	-44.38	53.6	N/A	Valve Adjustment:No Change									
OMLFEW72	1/27/2023 11:47	53.3	29.5	0.3	16.9	-0.06	-0.06	-45.54	61.2	N/A	Valve Adjustment:No Change									
OMLFEW99	1/9/2023 11:59	54.7	41.6	0.0	3.7	-0.97	-0.96	-46.28	66.4	14.5	Valve Adjustment:No Change,Valve 5% open									
OMLFEW99	1/20/2023 10:43	48.0	42.3	0.0	9.7	-1.41	-1.36	-40.95	66.2	14.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open									
OMTLTS01	1/5/2023 10:57	56.5	42.9	0.6	0.0	-0.42	-0.42	-43.24	55.6	3.7	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS01	1/25/2023 15:29	46.9	38.8	1.1	13.2	-0.23	-0.22	-42.37	64.7	3.7	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS02	1/5/2023 10:41	49.1	26.2	1.4	23.3	-0.54	-0.53	-43.72	61.6	8.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS02	1/26/2023 12:10	35.3	35.4	2.5	26.8	-0.22	-0.26	-43.89	66.6	8.2	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS03	1/5/2023 10:33	28.1	9.7	9.4	52.8	-0.47	-0.48	-43.52	50.3	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS03	1/26/2023 12:01	33.5	31.3	13.5	21.7	-0.22	-0.21	-44.30	69.0	0.2	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS04	1/5/2023 9:26	25.7	21.0	11.0	42.3	-0.37	-0.36	-43.32	50.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS04	1/25/2023 10:33	3.9	3.6	12.8	79.7	-0.19	-0.19	-39.54	61.9	1.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS05	1/5/2023 9:20	23.9	17.7	9.0	49.4	-0.41	-0.40	-42.90	50.1	0.3	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS05	1/25/2023 10:27	16.7	20.4	3.5	59.4	-0.17	-0.17	-39.47	63.6	0.2	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS06	1/5/2023 9:15	7.6	5.9	13.3	73.2	-0.49	-0.45	-43.56	50.5	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS06	1/24/2023 13:37	31.7	26.8	13.8	27.7	-0.13	-0.13	-26.32	69.0	0.2	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS07	1/5/2023 8:42	40.7	36.1	0.1	23.1	-0.51	-0.49	-42.67	54.5	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS07	1/24/2023 13:35	23.2	18.9	4.2	53.7	-0.20	-0.21	-23.53	69.0	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS08	1/5/2023 8:37	35.3	28.3	6.8	29.6	-0.55	-0.52	-36.45	55.5	2.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS08	1/24/2023 13:29	39.1	37.0	12.2	11.7	-0.21	-0.21	-37.65	63.9	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS09	1/4/2023 9:46	45.4	33.6	0.0	21.0	-0.21	-0.20	-32.50	59.8	4.0	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS09	1/24/2023 8:24	25.0	25.6	0.4	49.0	-0.54	-0.48	-30.25	58.2	3.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									

OMTL TS10	1/4/2023 9:50	32.6	30.5	0.1	36.8	-0.11	-0.11	-36.30	65.9	6.2	Valve Adjustment:No Change,Valve at minimum position
OMTL TS10	1/24/2023 8:29	26.8	25.8	5.3	42.1	-0.53	-0.52	-33.99	62.1	6.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTL TS11	1/4/2023 10:00	21.8	19.5	6.2	52.5	-0.02	-0.03	-37.94	53.4	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTL TS11	1/24/2023 11:29	48.7	42.5	8.8	0.0	-0.42	-0.45	-39.11	60.6	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTL TS12	1/4/2023 10:03	28.7	25.2	1.7	44.4	-0.11	-0.11	-36.49	53.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTL TS12	1/24/2023 11:31	17.9	29.0	13.6	39.5	-0.36	-0.35	-42.69	62.5	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTL TS15	1/4/2023 10:16	23.6	24.9	2.2	49.3	-0.09	-0.08	-39.33	53.3	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTL TS15	1/24/2023 9:22	10.7	11.0	14.9	63.4	-0.55	-0.51	-36.67	61.0	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTL TS16	1/4/2023 10:45	33.8	28.3	0.5	37.4	-0.15	-0.14	-34.73	55.9	1.6	Valve Adjustment:No Change,Valve at minimum position
OMTL TS16	1/24/2023 9:29	0.5	12.6	5.3	81.6	-0.56	-0.55	-28.70	61.6	1.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTL TS17	1/4/2023 10:59	50.4	33.9	2.6	13.1	-0.18	-0.18	-41.60	52.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTL TS17	1/24/2023 9:35	3.3	6.3	13.7	76.7	-0.58	-0.58	-37.34	70.4	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTL TS18	1/4/2023 11:09	57.5	41.6	0.0	0.9	-0.79	-0.99	-42.21	62.3	29.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OMTL TS18	1/24/2023 9:42	47.0	37.3	1.3	14.4	-1.48	-1.08	-37.48	63.6	31.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OMTL TS19	1/4/2023 11:16	55.3	39.6	1.2	3.9	-0.04	-0.05	-42.38	67.3	12.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTL TS19	1/24/2023 9:48	22.2	18.2	13.3	46.3	-0.48	-0.44	-37.75	61.9	11.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTL TS20	1/4/2023 11:23	58.6	39.6	0.0	1.8	-0.03	-0.04	-42.50	64.0	13.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMTL TS20	1/24/2023 9:53	44.0	34.1	1.7	20.2	-0.41	-0.39	-38.00	64.9	12.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW133B	1/5/2023 10:26	0.1	0.7	22.4	76.8	-4.18	-4.18	-36.52	53.1	0.0	Valve Adjustment:NSP/CAI,Closed valve 1/2 turn or less
OXEW133B	1/5/2023 10:26	0.1	0.6	22.3	77.0	-4.45	-4.45	-33.73	53.1	0.0	Valve Adjustment:NSPS
OXEW133B	1/26/2023 12:18	15.5	23.5	4.7	56.3	-37.49	-35.65	-39.50	67.4	85.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW133B	1/26/2023 14:35	23.8	25.9	3.8	46.5	-24.56	-20.36	-38.88	77.5	35.2	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW134A	1/5/2023 10:15	50.9	38.0	0.1	11.0	-8.82	-8.41	-41.83	63.8	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	1/26/2023 11:25	47.8	35.0	0.4	16.8	-7.74	-7.09	-44.37	65.8	54.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	1/5/2023 10:11	49.8	40.3	0.9	9.0	-36.58	-36.26	-43.36	59.8	47.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	1/26/2023 11:28	51.5	42.8	0.4	5.3	-38.08	-37.69	-44.15	66.4	19.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW137B	1/5/2023 9:02	53.1	46.5	0.4	0.0	-40.32	-39.59	-40.29	61.6	0.0	Valve A djustment:Opened valve 1/2 turn or less
OXEW137B	1/25/2023 10:23	56.4	43.3	0.3	0.0	-35.88	-36.48	-36.45	62.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	1/5/2023 11:27	56.4	38.1	1.1	4.4	-5.95	-6.19	-41.66	121.8	0.0	Valve A djustment:Opened valve 1/2 turn or less
OXEW1601	1/20/2023 13:05	56.2	38.9	0.0	4.9	-8.26	-8.28	-41.79	119.4	25.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	1/10/2023 13:18	55.3	36.9	0.1	7.7	-22.62	-22.56	-42.13	126.5	26.0	Valve A djustment:Opened valve 1/2 turn or less
OXEW1602	1/25/2023 14:33	57.0	42.0	0.0	1.0	-21.21	-21.07	-42.67	127.9	31.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	1/13/2023 10:41	58.4	39.5	0.0	2.1	-40.32	-40.30	-40.71	120.0	0.0	Valve Adjustment:No Change,Valve 100% open
OXEW1603	1/23/2023 11:13	57.5	37.9	0.1	4.5	-39.91	-39.80	-40.36	117.8	12.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1604	1/10/2023 13:38	56.1	37.8	0.1	6.0	-0.51	-0.83	-36.52	128.6	14.2	Valve A djustment:Opened valve 1/2 turn or less

OXEW1604	1/23/2023 11:24	58.1	40.0	0.0	1.9	-2.10	-2.31	-38.18	129.8	13.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1611	1/13/2023 10:55	51.0	38.9	2.8	7.3	-0.64	-0.57	-26.11	53.5	3.4	Valve Adjustment:No Change
OXEW1611	1/27/2023 14:28	55.1	38.8	1.2	4.9	-0.18	-0.18	-26.55	60.8	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1612	1/10/2023 13:02	54.6	37.9	0.1	7.4	-35.64	-35.65	-35.86	122.7	29.3	Valve Adjustment:No Change
OXEW1612	1/25/2023 14:18	58.0	41.9	0.1	0.0	-35.71	-35.84	-36.13	123.5	25.4	
OXEW1613	1/10/2023 13:49	54.7	40.1	0.4	4.8	-16.70	-16.66	-35.28	125.5	41.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	1/23/2023 11:36	56.1	40.3	0.3	3.3	-16.51	-16.98	-41.01	125.1	47.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	1/10/2023 14:02	55.9	40.3	0.3	3.5	-0.74	-0.71	-40.32	94.4	4.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	1/23/2023 11:48	54.1	32.3	0.2	13.4	-8.16	-8.36	-40.31	95.4	195.3	Valve Adjustment:No Change
OXEW1616	1/6/2023 13:08	53.4	40.1	0.4	6.1	-16.23	-16.30	-25.15	114.8	17.5	Valve Adjustment:No Change
OXEW1616	1/26/2023 10:50	55.4	42.6	0.0	2.0	-18.50	-19.16	-27.25	114.9	20.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1617	1/11/2023 9:51	54.8	41.9	0.0	3.3	-2.35	-2.82	-43.59	125.1	7.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1617	1/19/2023 10:26	46.4	37.6	3.9	12.1	-5.10	-4.01	-46.64	77.8	2.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1617	1/26/2023 9:53	54.7	45.3	0.0	0.0	-3.32	-3.34	-42.68	127.1	13.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
<b>OXEW1618</b>	1/10/2023 13:57	56.3	40.0	0.0	3.7	-2.07	-3.43	-42.93	125.4	6.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
<b>OXEW1618</b>	1/25/2023 14:50	45.3	39.4	0.5	14.8	-4.67	-4.00	-40.67	127.5	11.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1619	1/4/2023 12:09	57.2	41.6	0.3	0.9	-40.78	-40.78	-41.69	116.1	1.2	Valve Adjustment:No Change,Valve 100% open
OXEW1619	1/25/2023 10:49	55.3	40.1	0.4	4.2	-38.68	-38.67	-39.25	115.7	17.1	Valve Adjustment:No Change,Valve 100% open
OXEW1620	1/4/2023 12:04	52.3	42.4	0.0	5.3	-0.50	-0.50	-41.60	97.9	5.2	Valve Adjustment:No Change,Valve 15% open
OXEW1620	1/24/2023 11:26	55.3	43.7	0.0	1.0	-0.43	-2.03	-42.35	107.7	5.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1621	1/13/2023 8:48	54.0	45.8	0.2	0.0	-0.37	-0.39	-43.88	80.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1621	1/25/2023 10:59	55.0	39.3	0.0	5.7	-0.01	-0.04	-38.89	84.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	1/4/2023 12:14	46.0	41.6	3.4	9.0	-16.76	-16.58	-41.16	118.2	15.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	1/25/2023 10:44	47.0	37.7	4.0	11.3	-15.86	-15.36	-38.91	119.2	15.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1701	1/6/2023 12:11	59.6	36.3	0.0	4.1	-37.99	-37.95	-38.34	118.7	5.3	Valve Adjustment:No Change,Valve 100% open
OXEW1701	1/30/2023 9:05	54.4	38.3	0.0	7.3	-38.42	-38.42	-39.45	118.5	5.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1702	1/6/2023 11:56	56.1	36.5	0.0	7.4	-35.26	-35.36	-37.52	123.6	5.8	Valve Adjustment:No Change,Valve 100% open
OXEW1702	1/30/2023 8:13	60.4	37.9	0.0	1.7	-35.62	-35.63	-38.39	122.7	7.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1703	1/6/2023 11:39	58.7	38.4	0.0	2.9	-34.77	-34.54	-35.27	107.2	2.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1703	1/30/2023 8:26	58.8	39.0	0.0	2.2	-34.32	-34.65	-35.09	98.7	11.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1705	1/13/2023 11:11	57.2	42.4	0.4	0.0	-7.04	-7.44	-40.47	113.1	18.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1705	1/27/2023 14:44	54.6	37.7	0.4	7.3	-15.50	-17.05	-39.29	116.3	9.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1716	1/3/2023 12:53	56.3	41.7	0.2	1.8	-45.32	-45.43	-45.63	93.4	8.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1716	1/18/2023 12:29	57.0	41.9	0.0	1.1	-39.56	-39.60	-39.76	79.7	5.3	Valve Adjustment:No Change,Valve 100% open
OXEW1717	1/5/2023 12:46	48.5	32.1	4.6	14.8	-26.62	-25.91	-46.22	90.0	3.7	Valve Adjustment:Closed valve 1/2 turn or less

OXEW1717	1/9/2023 10:27	48.0	30.9	4.4	16.7	-26.96	-20.45	-46.71	84.6	2.6	Valve Adjustment:Closed valve 1/2 turn or less, Valve 30% open
OXEW1717	1/20/2023 10:36	54.3	42.5	0.1	3.1	-0.02	-0.08	-46.86	78.7	1.1	Valve Adjustment:Opened valve 1/2 turn or less, Valve 20% open
OXEW1801	1/10/2023 14:12	55.3	37.6	0.7	6.4	-14.62	-15.68	-42.61	120.6	13.5	Valve Adjustment:Opened valve 1/2 turn or less, Valve 30% open
OXEW1801	1/23/2023 12:00	49.1	38.7	0.5	11.7	-19.56	-19.18	-43.51	122.0	20.2	Valve Adjustment:Closed valve 1/2 turn or less, Valve 25% open
OXEW1804	1/10/2023 13:32	47.5	36.4	3.1	13.0	-2.91	-1.62	-42.53	121.6	18.8	Valve Adjustment:Closed valve 1/2 turn or less, Valve 20% open
OXEW1804	1/25/2023 14:44	51.1	40.2	2.7	6.0	-1.02	-1.02	-41.53	122.5	12.6	Valve Adjustment:Closed valve 1/2 turn or less, Valve 20% open
OXEW1805	1/10/2023 13:25	57.5	37.9	0.2	4.4	-29.53	-32.31	-42.01	115.3	19.2	Valve Adjustment:Opened valve 1/2 turn or less, Valve 55% open
OXEW1805	1/25/2023 14:40	57.3	42.4	0.3	0.0	-34.19	-36.06	-42.02	115.7	17.3	Valve Adjustment:Opened valve 1/2 turn or less, Valve 60% open
OXEW1806	1/11/2023 10:16	38.2	33.6	4.6	23.6	-0.80	-0.77	-45.13	111.5	11.4	Valve Adjustment:Closed valve 1/2 turn or less, Valve 5% open
OXEW1806	1/25/2023 11:27	52.9	46.7	0.0	0.4	-0.21	-0.22	-39.85	114.0	10.5	Valve Adjustment:No Change, Valve 5% open
OXEW1807	1/6/2023 11:09	59.1	38.4	0.0	2.5	-0.48	-0.14	-41.99	130.4	24.3	Valve Adjustment:NSPS/CAI, Closed valve 1/2 turn or less, Valve 20% open
OXEW1807	1/6/2023 11:10	59.4	40.0	0.0	0.6	-0.07	-0.08	-42.35	130.3	24.0	Valve Adjustment:No Change
OXEW1807	1/30/2023 8:37	52.9	38.7	0.4	8.0	-1.12	-1.16	-42.36	128.2	21.1	Valve Adjustment:No Change, Valve 20% open
OXEW1808	1/4/2023 11:03	55.4	40.7	0.7	3.2	-36.49	-36.05	-37.24	52.1	1.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1808	1/27/2023 14:54	49.6	37.8	3.3	9.3	-39.74	-39.42	-39.31	60.7	7.1	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less
OXEW1809	1/5/2023 11:20	58.1	35.2	0.4	6.3	-28.50	-29.01	-41.61	111.3	39.8	Valve Adjustment:Opened valve 1/2 turn or less, Valve 50% open
OXEW1809	1/20/2023 12:57	54.7	40.0	0.4	4.9	-32.31	-32.32	-42.27	110.6	37.5	Valve Adjustment:No Change, Valve 50% open
OXEW1810	1/3/2023 13:32	52.0	32.6	3.4	12.0	-3.11	-3.10	-46.12	55.4	0.5	Valve Adjustment:No Change, Valve at minimum position
OXEW1810	1/18/2023 12:45	52.9	33.3	1.8	12.0	-5.28	-5.29	-39.89	60.8	0.8	Valve Adjustment:No Change, Valve at minimum position
OXEW1811	1/10/2023 10:46	56.4	40.1	0.0	3.5	-3.97	-4.14	-44.97	51.8	3.8	Valve Adjustment:Opened valve 1/2 turn or less, Valve 5% open
OXEW1811	1/24/2023 12:28	57.7	41.0	0.0	1.3	-0.72	-1.28	-42.73	73.3	4.5	Valve Adjustment:Opened valve 1/2 turn or less, Valve 5% open
OXEW1812	1/10/2023 11:29	59.2	40.8	0.0	0.0	-0.78	-4.02	-45.59	118.2	21.2	Valve Adjustment:Opened valve 1/2 turn or less, Valve 25% open
OXEW1812	1/24/2023 13:01	57.3	39.6	0.0	3.1	-9.50	-11.40	-42.84	123.5	20.8	Valve Adjustment:Opened valve 1/2 turn or less, Valve 30% open
OXEW1813	1/6/2023 13:05	58.1	41.5	0.4	0.0	-41.72	-41.76	-41.81	100.1	7.3	Valve Adjustment:No Change, Valve 100% open
OXEW1813	1/26/2023 10:46	56.9	42.6	0.0	0.5	-42.60	-42.62	-42.59	103.6	5.9	Valve Adjustment:No Change, Valve 100% open
OXEW1815	1/13/2023 9:36	50.6	42.2	0.3	6.9	-6.70	-6.52	-46.22	123.7	13.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1815	1/25/2023 11:45	51.3	42.6	0.0	6.1	-5.66	-5.59	-40.74	123.4	13.1	Valve Adjustment:Closed valve 1/2 turn or less, Valve 20% open
OXEW1816	1/6/2023 12:02	57.9	37.1	0.0	5.0	-20.03	-20.84	-39.36	117.3	94.7	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXEW1816	1/30/2023 8:09	56.7	35.0	0.3	8.0	-21.32	-21.58	-38.71	117.3	83.2	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXEW1817	1/4/2023 11:10	58.0	41.9	0.1	0.0	-36.11	-36.31	-37.21	116.5	23.2	Valve Adjustment:No Change, Valve 100% open
OXEW1817	1/27/2023 14:11	57.3	41.7	1.0	0.0	-39.30	-39.40	-39.20	114.6	9.0	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXEW1821	1/9/2023 13:26	28.0	27.7	0.0	44.3	-0.03	-0.03	-44.00	58.6	0.1	Valve Adjustment:No Change, Valve at minimum position
OXEW1821	1/19/2023 12:19	27.7	25.1	0.0	47.2	-0.22	-0.21	-43.56	58.0	0.1	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less
OXEW1822	1/9/2023 13:07	30.7	28.1	0.0	41.2	-1.16	-0.39	-44.08	59.4	0.1	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less
OXEW1822	1/19/2023 12:10	40.3	27.8	0.0	31.9	0.08	-0.06	-43.66	58.3	0.2	Valve Adjustment:NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less

OXEW1822	1/19/2023 12:15	40.5	27.0	0.0	32.5	-3.63	-1.66	-43.45	60.7	0.6	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1823	1/9/2023 13:12	38.4	29.7	0.0	31.9	-0.02	-0.10	-43.97	61.0	0.1	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEW1823	1/19/2023 12:06	41.6	36.0	1.4	21.0	-0.12	-0.12	-43.70	56.7	0.2	Valve Adjustment: No Change, Valve at minimum position
OXEW1824	1/3/2023 13:47	55.2	32.7	2.0	10.1	-45.80	-45.97	-46.05	55.5	2.3	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1824	1/19/2023 11:28	59.2	38.7	0.8	1.3	-43.94	-43.93	-44.17	59.9	2.6	Valve Adjustment: No Change, Valve 100% open
OXEW1825	1/3/2023 13:16	50.8	36.4	0.1	12.7	-1.80	-1.78	-46.06	55.0	0.8	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1825	1/18/2023 12:40	41.5	34.8	1.9	21.8	-3.71	-3.70	-39.99	60.7	0.7	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1826	1/10/2023 11:15	56.1	35.5	0.1	8.3	-0.08	-0.23	-45.49	51.0	5.8	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEW1826	1/24/2023 12:55	59.0	38.0	0.0	3.0	-5.13	-5.34	-42.74	73.1	4.8	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEW1901	1/4/2023 11:49	52.4	42.5	0.4	4.7	-0.13	-0.16	-42.37	53.8	3.4	Valve Adjustment: No Change, Valve at minimum position
OXEW1901	1/24/2023 11:02	13.5	10.5	16.9	59.1	1.02	-0.01	-42.58	73.4	1.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less
OXEW1901	1/24/2023 11:08	33.6	30.0	9.5	26.9	-43.33	-43.20	-43.11	68.5	2.9	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1901	1/24/2023 11:17	31.8	28.9	10.2	29.1	-43.42	-0.38	-43.35	69.7	3.6	Valve Adjustment: NSPS, Closed valve 1/2 turn or less
OXEW1901	1/30/2023 10:50	53.8	34.0	0.0	12.2	-0.42	-0.72	-44.34	58.0	6.6	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEW1902	1/6/2023 11:51	54.4	38.2	0.0	7.4	-3.34	-4.02	-37.65	63.4	36.0	Valve Adjustment: Opened valve 1/2 turn or less, Valve 10% open
OXEW1902	1/30/2023 8:18	51.2	35.9	0.0	12.9	-4.43	-4.41	-39.52	56.0	46.4	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open
OXEW1904	1/6/2023 11:24	57.5	38.5	0.0	4.0	-14.59	-16.24	-43.40	96.6	39.9	Valve Adjustment: Opened valve 1/2 turn or less, Valve 50% open
OXEW1904	1/30/2023 8:30	52.8	39.1	0.0	8.1	-17.41	-17.44	-44.03	87.2	44.5	Valve Adjustment: No Change, Valve 50% open
OXEW1908	1/13/2023 11:03	56.8	43.1	0.1	0.0	-24.74	-24.83	-25.76	101.7	43.6	Valve Adjustment: No Change, Valve 100% open
OXEW1908	1/26/2023 14:02	58.4	38.1	0.0	3.5	-25.91	-25.86	-26.81	101.8	15.8	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1909	1/13/2023 13:41	50.2	39.8	0.2	9.8	-0.08	-0.08	-38.95	82.1	7.1	Valve Adjustment: No Change, Valve at minimum position
OXEW1909	1/26/2023 13:55	54.2	43.9	0.0	1.9	-0.77	-1.00	-40.38	86.0	7.5	Valve Adjustment: Opened valve 1/2 turn or less, Valve 5% open
OXEW1910	1/4/2023 9:45	57.2	39.5	0.1	3.2	-3.21	-3.59	-33.99	118.8	61.9	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1910	1/23/2023 9:52	48.2	40.9	1.0	9.9	-5.37	-5.36	-38.14	115.2	74.6	Valve Adjustment: Closed valve 1/2 turn or less, Valve 25% open
OXEW1911	1/10/2023 13:11	53.4	36.9	0.2	9.5	-42.48	-42.27	-44.47	116.7	11.9	Valve Adjustment: No Change, Valve 100% open
OXEW1911	1/25/2023 14:25	59.0	40.7	0.1	0.2	-42.82	-42.83	-44.05	114.3	9.6	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1912	1/5/2023 11:31	58.9	40.0	0.1	1.0	-20.82	-21.38	-21.84	118.1	131.7	Valve Adjustment: Opened valve 1/2 turn or less, Valve 40% open
OXEW1912	1/23/2023 10:50	58.5	38.1	0.1	3.3	-30.35	-34.74	-46.32	115.4	30.6	Valve Adjustment: Opened valve 1/2 turn or less, Valve 50% open
OXEW1913	1/10/2023 11:41	56.5	43.4	0.1	0.0	-6.35	-6.42	-45.83	90.4	13.0	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEW1913	1/24/2023 13:13	47.0	39.8	0.1	13.1	-0.29	-0.29	-43.01	88.1	1.9	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1914	1/10/2023 10:19	55.1	34.5	0.2	10.2	-44.81	-44.69	-45.63	95.5	4.0	Valve Adjustment: No Change, Valve 100% open
OXEW1914	1/24/2023 12:07	56.0	39.3	0.1	4.6	-42.25	-42.36	-42.34	97.4	6.7	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1915	1/9/2023 10:58	57.0	42.3	0.0	0.7	-0.99	-2.09	-46.85	54.2	5.9	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEW1915	1/19/2023 10:14	52.6	40.2	2.7	4.5	-2.18	-2.18	-46.41	54.6	8.3	Valve Adjustment: No Change, Valve at minimum position
OXEW1916	1/11/2023 11:00	53.2	38.0	1.5	7.3	-45.71	-45.02	-45.89	50.8	2.0	Valve Adjustment: No Change, Valve at minimum position

OXEW1916	1/20/2023 8:00	53.7	32.7	1.8	11.8	-45.66	-45.63	-45.69	41.4	0.2	Valve Adjustment:Valve at minimum position
OXEW1917	1/11/2023 11:38	56.2	43.6	0.1	0.1	-40.16	-40.84	-46.07	54.1	1.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1917	1/20/2023 8:36	56.8	40.9	0.0	2.3	-18.05	-20.68	-46.44	47.9	1.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1919	1/9/2023 13:33	52.6	34.0	0.0	13.4	-1.17	-1.17	-44.34	60.1	2.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	1/19/2023 12:38	31.3	27.2	0.2	41.3	-1.83	-0.51	-42.89	64.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	1/9/2023 13:29	26.2	26.0	0.0	47.8	-0.29	-0.28	-44.45	58.2	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	1/19/2023 12:30	11.4	11.9	10.7	66.0	-0.12	-0.12	-25.25	64.0	6.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	1/19/2023 12:32	12.0	12.2	10.2	65.6	-0.08	-0.08	-43.03	64.3	5.8	Valve Adjustment:NSPS
OXEW1920	1/30/2023 10:34	17.8	19.6	2.6	60.0	-0.03	-0.02	-44.95	54.9	4.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW1921	1/9/2023 12:55	52.0	42.8	0.0	5.2	-41.63	-41.59	-44.70	110.3	32.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	1/19/2023 12:01	52.1	36.0	0.3	11.6	-40.61	-40.58	-43.61	111.6	34.6	Valve Adjustment:No Change,Valve 70% open
OXEW2001	1/11/2023 11:23	48.4	45.1	0.0	6.5	-1.07	-1.11	-44.83	102.0	6.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2001	1/20/2023 8:23	52.5	43.7	0.0	3.8	-1.98	-1.99	-44.77	115.8	11.8	Valve Adjustment:No Change,Valve 10% open
OXEW2002	1/9/2023 11:24	53.0	38.1	0.1	8.8	-0.17	-1.04	-47.32	105.1	30.8	Valve Adjustment:No Change,Valve 15% open
OXEW2002	1/19/2023 10:53	53.5	38.3	0.1	8.1	-1.93	-1.93	-45.71	104.4	25.5	Valve Adjustment:No Change,Valve 20% open
OXEW2003	1/9/2023 12:23	55.3	44.2	0.0	0.5	0.27	-0.02	-46.62	79.3	2.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open
OXEW2003	1/9/2023 12:24	55.0	45.0	0.0	0.0	-0.86	-0.90	-47.19	110.8	1.5	Valve Adjustment:No Change,Valve at minimum position
OXEW2003	1/19/2023 10:42	52.3	38.9	0.3	8.5	-3.88	-3.88	-46.50	100.8	4.2	Valve Adjustment:No Change,Valve at minimum position
OXEW2004	1/9/2023 12:34	52.8	44.3	0.0	2.9	-33.37	-33.39	-50.23	127.1	39.7	Valve Adjustment:No Change,Valve 55% open
OXEW2004	1/18/2023 12:19	54.4	32.8	0.2	12.6	-30.41	-30.33	-45.04	126.0	49.9	Valve Adjustment:No Change,Valve 60% open
OXEW2005	1/9/2023 12:50	48.7	38.4	0.0	12.9	-5.59	-5.50	-44.61	113.9	5.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2005	1/18/2023 12:34	48.1	38.6	0.0	13.3	-5.19	-5.18	-40.10	111.6	5.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2007	1/9/2023 13:19	54.6	36.1	0.3	9.0	-0.03	-0.03	-44.11	73.9	2.5	Valve Adjustment:No Change,Valve 10% open
OXEW2007	1/19/2023 11:36	59.6	39.5	0.0	0.9	-0.05	-0.42	-44.11	75.5	7.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2007	1/19/2023 11:45	58.0	37.9	1.0	3.1	-2.46	-2.49	-44.00	78.9	5.5	Valve Adjustment:No Change,Valve 15% open
OXEW2008	1/3/2023 14:07	59.5	32.6	0.2	7.7	-46.01	-45.67	-46.05	57.7	1.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW2008	1/19/2023 12:46	58.7	34.3	0.1	6.9	-43.77	-43.77	-43.77	58.8	5.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2009	1/11/2023 14:51	57.0	42.5	0.3	0.2	-46.47	-46.35	-43.52	97.9	5.4	Valve Adjustment:No Change,Valve 100% open
OXEW2009	1/20/2023 9:13	54.2	45.7	0.1	0.0	-46.20	-46.17	-45.99	96.5	21.0	Valve Adjustment:No Change,Valve 100% open
OXEW2010	1/11/2023 12:53	31.7	23.9	9.6	34.8	-8.46	-5.89	-45.59	53.0	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2010	1/11/2023 14:43	20.5	14.3	13.9	51.3	-11.30	-3.24	-45.09	53.0	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2010	1/20/2023 9:02	49.1	33.8	2.9	14.2	-9.81	-6.28	-45.88	50.4	4.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2011	1/11/2023 11:09	32.2	36.2	0.4	31.2	-33.25	-32.67	-44.60	76.6	4.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2011	1/20/2023 8:08	33.6	35.4	1.3	29.7	-31.40	-30.80	-45.39	70.7	5.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2012	1/9/2023 11:44	55.6	41.9	0.3	2.2	-18.31	-18.21	-47.52	105.3	15.3	Valve Adjustment:No Change,Valve 30% open

OXEW2012	1/19/2023 11:11	55.6	44.0	0.4	0.0	-28.13	-29.16	-46.48	93.1	11.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2016	1/13/2023 10:50	55.7	38.5	1.1	4.7	-40.77	-40.74	-41.05	123.5	110.9	Valve Adjustment:No Change
OXEW2016	1/30/2023 9:20	59.0	40.7	0.1	0.2	-1.30	-1.82	-42.67	52.4	14.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2017	1/13/2023 11:03	54.3	36.9	0.8	8.0	-8.34	-10.26	-41.92	123.1	48.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2017	1/23/2023 11:06	53.4	37.9	0.8	7.9	-13.52	-13.58	-47.82	122.9	65.4	Valve Adjustment:No Change,Valve 60% open
OXEW2019	1/16/2023 12:20	53.5	29.6	1.2	15.7	-17.85	-17.84	-22.06	47.6	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW2019	1/26/2023 13:51	57.5	36.3	0.9	5.3	-21.93	-22.55	-26.01	67.0	0.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2020	1/13/2023 9:31	56.3	43.4	0.3	0.0	-3.79	-7.04	-45.18	114.3	5.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2020	1/13/2023 9:32	55.0	42.1	1.4	1.5	-8.92	-8.92	-44.72	122.4	15.1	Valve Adjustment:No Change
OXEW2020	1/25/2023 11:41	57.7	39.9	0.1	2.3	-6.11	-6.15	-39.36	126.8	10.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2021	1/13/2023 9:45	59.0	40.6	0.4	0.0	-5.72	-7.45	-45.35	87.4	1.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2021	1/25/2023 12:10	54.8	36.4	0.1	8.7	-19.31	-22.41	-41.01	107.6	8.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2022	1/6/2023 12:49	58.4	40.0	0.0	1.6	-42.28	-42.26	-43.46	122.5	0.7	Valve Adjustment:No Change,Valve 100% open
OXEW2022	1/30/2023 8:50	58.8	37.8	0.0	3.4	-42.31	-42.45	-44.03	121.7	9.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2023	1/13/2023 11:21	57.9	41.8	0.3	0.0	-38.61	-38.61	-39.03	124.5	12.9	Valve Adjustment:No Change,Valve 100% open
OXEW2023	1/27/2023 14:57	57.4	40.3	0.0	2.3	-38.86	-38.84	-38.84	123.7	7.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2024	1/4/2023 10:52	56.4	41.5	0.0	2.1	-8.52	-8.83	-39.98	116.4	44.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2024	1/27/2023 14:15	54.5	38.7	0.2	6.6	-10.18	-11.13	-40.89	116.2	48.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2026	1/4/2023 10:43	57.2	41.6	0.5	0.7	-38.33	-38.42	-39.03	95.3	8.9	Valve Adjustment:No Change,Valve 100% open
OXEW2026	1/26/2023 13:44	59.5	37.2	0.1	3.2	-40.78	-40.96	-41.72	85.9	9.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2027	1/30/2023 14:35	56.6	31.8	1.7	9.9	-30.68	-30.38	-39.04	59.4	1.8	Valve Adjustment:No Change,Valve at minimum position
OXEW2027	1/30/2023 14:42	56.8	34.4	1.7	7.1	-33.73	-30.18	-39.24	56.7	1.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2027	1/31/2023 10:50	59.2	38.5	0.1	2.2	-34.42	-38.46	-39.86	58.4	1.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2027	1/31/2023 14:45	59.3	39.2	0.3	1.2	-35.32	-36.34	-36.36	63.3	1.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2027	1/31/2023 15:04	60.7	38.7	0.4	0.2	-35.64	-36.73	-37.49	67.3	1.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2027	1/31/2023 15:41	60.5	38.8	0.4	0.3	-36.77	-37.35	-37.61	66.3	0.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2028	1/4/2023 10:40	55.0	41.6	0.2	3.2	-39.01	-39.10	-39.46	51.5	8.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2028	1/26/2023 13:41	54.8	35.3	0.9	9.0	-42.16	-42.00	-42.48	66.6	0.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2029	1/6/2023 12:58	55.9	37.7	0.6	5.8	-2.05	-2.53	-41.64	119.9	9.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2029	1/26/2023 10:36	55.6	34.8	0.9	8.7	-6.64	-6.57	-41.83	120.6	20.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2030	1/13/2023 11:08	57.3	42.6	0.1	0.0	-25.33	-25.30	-26.27	123.1	5.9	Valve Adjustment:No Change,Valve 100% open
OXEW2030	1/27/2023 14:40	55.0	40.7	0.1	4.2	-26.44	-26.42	-26.45	122.0	5.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2031	1/13/2023 10:51	58.7	38.2	0.2	2.9	-40.64	-40.76	-41.01	52.4	71.2	Valve Adjustment:No Change,Valve 100% open
OXEW2031	1/23/2023 11:42	56.8	40.3	0.0	2.9	-40.92	-41.04	-41.35	125.0	2.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2101	1/13/2023 8:29	54.1	45.8	0.1	0.0	-0.59	-0.59	-44.12	122.7	15.4	Valve Adjustment:No Change



OXEW2101	1/25/2023 11:24	54.0	44.5	0.0	1.5	-0.25	-0.30	-39.22	122.1	15.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2102	1/13/2023 10:53	56.1	39.4	1.1	3.4	-25.23	-25.19	-26.00	55.5	10.9	Valve Adjustment:No Change,Valve 100% open
OXEW2102	1/27/2023 14:31	57.6	40.6	0.0	1.8	-26.40	-26.41	-26.62	89.5	6.1	Valve Adjustment:Valve at minimum position,Valve 100% open
OXEW2103	1/4/2023 10:48	58.0	39.7	0.1	2.2	-4.64	-5.12	-39.22	104.5	49.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2103	1/27/2023 14:20	55.5	40.1	0.5	3.9	-6.83	-7.01	-40.50	103.1	55.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2104	1/4/2023 11:24	55.4	40.3	0.8	3.5	-11.12	-11.64	-43.83	110.2	13.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2104	1/30/2023 8:43	55.1	39.2	0.3	5.4	-13.32	-14.39	-46.77	52.4	26.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2105	1/13/2023 13:45	55.2	44.8	0.0	0.0	-24.44	-24.40	-24.54	98.1	1.8	Valve Adjustment:No Change,Valve 100% open
OXEW2105	1/26/2023 13:59	57.1	42.9	0.0	0.0	-26.39	-26.36	-26.76	101.0	7.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2106	1/5/2023 11:23	57.9	40.4	0.1	1.6	-40.63	-40.61	-41.44	112.2	8.9	Valve Adjustment:No Change,Valve 100% open
OXEW2106	1/20/2023 13:01	55.1	41.5	2.5	0.9	-40.79	-40.81	-41.68	111.5	3.0	Valve Adjustment:No Change,Valve 100% open
OXEW2107	1/11/2023 11:28	53.5	45.7	0.0	0.8	-43.34	-43.31	-42.70	109.6	10.5	Valve Adjustment:No Change,Valve 45% open
OXEW2107	1/20/2023 8:27	54.4	44.5	0.1	1.0	-42.33	-42.41	-42.18	105.4	5.6	Valve Adjustment:No Change,Valve 50% open
OXEW2108	1/9/2023 11:33	55.2	44.8	0.0	0.0	-5.09	-5.04	-47.25	110.4	20.6	Valve Adjustment:No Change,Valve 20% open
OXEW2108	1/19/2023 10:58	55.7	44.3	0.0	0.0	-9.45	-9.65	-46.00	103.8	19.7	Valve Adjustment:No Change
OXEW2109	1/11/2023 11:14	46.5	45.5	0.0	8.0	-18.67	-17.25	-48.05	62.7	2.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2109	1/20/2023 8:16	52.4	42.2	1.3	4.1	-0.01	-0.42	-47.71	41.5	3.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2110	1/13/2023 11:15	57.3	42.6	0.1	0.0	-38.48	-38.65	-38.90	94.3	10.1	Valve Adjustment:No Change,Valve 100% open
OXEW2110	1/27/2023 14:47	57.1	42.0	0.0	0.9	-38.42	-38.43	-38.08	95.1	3.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2111	1/4/2023 9:53	56.2	38.4	0.3	5.1	-7.34	-7.53	-35.96	95.6	79.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2111	1/30/2023 8:58	57.4	38.8	0.2	3.6	-10.67	-11.31	-48.02	57.8	141.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
OXEW2112	1/4/2023 9:58	56.9	41.3	0.3	1.5	-33.55	-33.42	-38.66	105.5	11.5	Valve Adjustment:No Change,Valve 100% open
OXEW2112	1/13/2023 10:20	52.3	47.7	0.0	0.0	-40.13	-40.17	-44.75	105.3	6.7	Valve Adjustment:No Change,Valve 100% open
OXEW2112	1/23/2023 9:43	54.1	45.9	0.0	0.0	-37.40	-37.46	-40.88	104.1	4.8	Valve Adjustment:No Change,Valve 100% open
OXEW2113	1/4/2023 9:29	59.6	36.5	0.4	3.5	-29.49	-29.78	-35.72	121.8	33.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2113	1/13/2023 10:27	56.2	43.2	0.6	0.0	-39.81	-39.81	-44.10	120.0	30.4	Valve Adjustment:No Change,Valve 55% open,Valve 60% open
OXEW2113	1/23/2023 10:05	58.4	40.1	0.0	1.5	-40.52	-41.22	-43.64	120.8	28.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW2207	1/13/2023 10:58	55.7	41.8	0.9	1.6	-20.03	-20.11	-25.41	113.5	120.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2207	1/27/2023 14:36	54.7	42.3	0.2	2.8	-21.40	-21.85	-25.97	113.3	118.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2208	1/4/2023 9:49	58.5	40.9	0.0	0.6	-0.05	-0.21	-34.90	123.0	34.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2208	1/23/2023 9:57	56.3	41.7	0.0	2.0	-2.23	-2.31	-40.92	120.2	47.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2209	1/13/2023 10:50	56.8	40.3	0.8	2.1	-38.63	-38.95	-39.33	94.1	41.5	Valve Adjustment:No Change,Valve 100% open
OXEW2209	1/27/2023 14:25	57.2	40.7	0.0	2.1	-34.79	-39.51	-39.32	96.9	63.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2210	1/6/2023 11:46	59.0	37.9	0.1	3.0	-17.99	-19.04	-38.71	102.2	13.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2210	1/30/2023 8:23	57.7	38.2	0.3	3.8	-18.17	-21.13	-39.53	99.6	13.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open

OXEW2211	1/13/2023 11:24	57.7	42.1	0.2	0.0	-36.97	-36.56	-37.68	123.9	16.5	Valve Adjustment:No Change,Valve 100% open
OXEW2211	1/27/2023 15:01	57.1	42.5	0.1	0.3	-36.99	-36.95	-37.00	123.3	6.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2212	1/4/2023 11:15	57.7	41.8	0.1	0.4	-0.05	-0.09	-39.69	111.8	17.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2212	1/27/2023 14:08	56.7	36.9	0.1	6.3	-1.04	-1.04	-41.75	110.1	22.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2213	1/4/2023 10:39	56.5	40.6	0.1	2.8	-32.86	-33.11	-39.31	108.6	10.6	Valve Adjustment:No Change,Valve 100% open
OXEW2213	1/26/2023 13:34	57.9	32.1	0.3	9.7	-36.97	-36.60	-42.89	108.0	27.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2214	1/6/2023 12:07	54.8	35.8	0.1	9.3	-0.68	-0.87	-43.08	95.7	48.4	Valve Adjustment:No Change,Valve at minimum position
OXEW2214	1/30/2023 9:12	59.7	37.6	0.0	2.7	-0.19	-0.64	-44.85	75.0	51.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEWHC6A**	1/9/2023 10:42	56.7	42.1	0.0	1.2	-0.05	-0.10	-47.19	52.3	1.4	Valve Adjustment:No Change,Valve at minimum position
OXEWHC6A**	1/19/2023 10:10	56.8	43.1	0.0	0.1	-0.12	-0.12	-45.44	56.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OXHC1922	1/13/2023 10:32	52.2	38.5	0.1	9.2	-0.03	-0.04	-41.76	52.4	10.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXHC1922	1/23/2023 10:01	52.1	39.7	2.2	6.0	-0.41	-0.41	-41.06	57.2	12.6	Valve Adjustment:No Change,Valve 20% open
OXHC2000	1/13/2023 10:31	54.1	39.3	2.0	4.6	-16.29	-20.95	-45.22	56.5	133.5	Valve Adjustment:No Change
OXHC2000	1/23/2023 13:10	59.5	39.2	0.1	1.2	-17.42	-15.95	-44.90	73.0	130.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2001	1/13/2023 10:29	50.7	37.3	4.5	7.5	-14.30	-14.38	-43.74	56.6	120.9	Valve Adjustment:No Change
OXHC2001	1/23/2023 13:06	57.2	39.0	0.0	3.8	-12.72	-13.34	-43.20	65.9	121.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2013	1/13/2023 9:47	53.7	45.1	1.2	0.0	-37.49	-33.19	-45.11	57.9	35.8	Valve Adjustment:No Change,Valve 10% open
OXHC2013	1/27/2023 11:11	43.2	32.1	3.3	21.4	-1.50	-1.49	-23.35	60.5	8.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXHC2013	1/27/2023 11:13	48.4	34.9	2.6	14.1	-1.42	-1.42	-36.64	60.9	8.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXHC2014	1/4/2023 10:01	57.2	40.5	0.0	2.3	-3.66	-3.83	-47.51	87.5	97.1	Valve Adjustment:Opened valve 1/2 turn or less
OXHC2014	1/13/2023 10:05	48.3	36.0	1.1	14.6	-7.16	-7.14	-56.41	87.4	26.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXHC2014	1/23/2023 9:45	53.7	42.4	3.9	0.0	-4.90	-4.95	-52.14	87.3	24.0	Valve Adjustment:No Change,Valve 55% open
OXHC2015	1/9/2023 13:43	53.9	38.2	0.1	7.8	-3.69	-3.68	-48.88	63.6	23.0	Valve Adjustment:No Change,Valve 20% open
OXHC2015	1/20/2023 10:52	56.8	41.3	0.4	1.5	-4.11	-4.11	-46.22	58.6	23.3	Valve Adjustment:No Change,Valve 20% open
OXHC2101	1/13/2023 10:41	56.0	41.5	0.2	2.3	-0.05	-0.21	-41.74	71.3	25.3	Valve Adjustment:Opened valve 1/2 turn or less
OXHC2101	1/23/2023 13:20	52.5	38.6	0.2	8.7	-0.23	-0.23	-41.22	82.1	17.8	Valve Adjustment:No Change,Valve 15% open
OXLCR4A1	1/9/2023 13:46	55.7	40.8	0.2	3.3	-22.39	-22.34	-49.19	62.4	14.7	Valve Adjustment:No Change,Valve 30% open
OXLCR4A1	1/20/2023 10:55	56.0	41.3	0.2	2.5	-40.62	-40.51	-46.64	52.6	17.8	Valve Adjustment:No Change,Valve 30% open
OXLCR4B1	1/13/2023 12:09	7.5	12.7	19.5	60.3	-0.85	-0.80	-48.18	52.8	4.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	1/13/2023 12:10	3.7	4.0	20.2	72.1	-0.78	-0.82	-48.53	52.6	4.9	Valve Adjustment:No Change
OXLCR4B1	1/25/2023 13:02	56.1	41.8	1.1	1.0	-0.28	-0.23	-26.97	73.6	21.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCR507	1/13/2023 10:05	14.9	21.9	9.8	53.4	-0.97	-0.95	-45.76	65.7	117.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCR507	1/13/2023 10:06	14.9	21.9	9.9	53.3	-0.94	-0.87	-45.70	65.9	116.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCR507	1/23/2023 12:48	7.2	10.1	12.7	70.0	-0.95	-0.92	-45.37	65.7	5.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXLCR507	1/23/2023 12:50	7.2	10.3	12.7	69.8	-0.87	-0.74	-44.93	68.1	10.5	Valve Adjustment:Closed valve 1/2 turn or less

OXLRS10	1/13/2023 10:38	56.9	42.1	0.5	0.5	-17.19	-13.57	-39.61	82.6	34.3	Valve Adjustment:No Change,Valve 100% open
OXLRS10	1/23/2023 13:17	57.4	41.5	0.1	1.0	-10.41	-13.16	-39.36	83.5	38.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS11	1/13/2023 10:36	56.7	39.6	0.3	3.4	-2.15	-2.32	-45.00	84.7	25.5	Valve Adjustment:Opened valve 1/2 turn or less
OXLRS11	1/23/2023 13:15	57.3	39.2	0.0	3.5	-2.16	-2.48	-46.97	84.0	28.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXLRS3A	1/5/2023 8:56	54.6	45.4	0.0	0.0	-33.99	-34.37	-40.12	90.4	130.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS3A	1/25/2023 10:19	57.6	42.3	0.1	0.0	-33.46	-31.33	-36.83	92.2	93.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS3B	1/5/2023 8:51	56.0	44.0	0.0	0.0	-32.17	-31.08	-40.61	90.4	159.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS3B	1/25/2023 10:16	56.0	37.0	0.3	6.7	-32.39	-30.71	-37.77	92.5	94.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS7B	1/13/2023 10:07	14.9	21.8	9.8	53.5	-18.61	-12.70	-45.61	63.8	85.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXLRS7B	1/13/2023 10:11	30.0	30.2	5.9	33.9	-2.64	-2.41	-45.17	65.3	29.5	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn
OXLRS7B	1/23/2023 12:41	7.1	10.3	12.8	69.8	-8.22	-5.01	-45.00	75.5	20.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXLRS7B	1/23/2023 12:44	7.1	10.4	12.8	69.7	-4.11	-4.11	-44.31	76.0	31.2	Valve Adjustment:NSPS
OXLRS7B	1/30/2023 9:18	56.8	38.4	4.8	0.0	-8.56	-4.81	-44.77	73.8	22.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXLRS9A	1/13/2023 10:13	48.7	51.2	0.1	0.0	-1.20	-1.12	-44.41	81.3	31.2	Valve Adjustment:Closed valve 1/2 turn or less
OXLRS9A	1/23/2023 9:37	49.3	50.7	0.0	0.0	-2.21	-2.21	-41.32	81.3	40.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLRS9B	1/13/2023 10:17	48.3	51.7	0.0	0.0	-0.98	-0.98	-44.27	68.8	7.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLRS9B	1/23/2023 9:40	46.8	53.2	0.0	0.0	-2.03	-2.03	-40.85	67.3	6.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXME302D	1/13/2023 9:41	57.8	41.9	0.3	0.0	-15.07	-15.31	-45.24	117.7	21.6	Valve Adjustment:Opened valve 1/2 turn or less
OXME302D	1/25/2023 11:50	32.5	35.4	0.0	32.1	-4.52	-4.55	-39.24	104.5	7.2	Valve Adjustment:No Change
OXME306D	1/4/2023 11:41	44.7	37.7	0.3	17.3	-30.30	-30.29	-43.24	117.8	6.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 65% open
OXME306D	1/24/2023 10:25	29.2	31.5	1.0	38.3	-17.74	-17.05	-43.80	117.3	3.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXME312D	1/11/2023 10:00	54.0	40.9	0.0	5.1	-2.12	-2.16	-43.36	78.7	8.6	Valve Adjustment:Opened valve 1/2 turn or less
OXME312D	1/26/2023 10:04	45.4	41.3	0.0	13.3	-2.73	-2.73	-40.18	84.7	6.4	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	1/10/2023 10:34	57.7	39.9	0.1	2.3	-38.06	-38.16	-40.96	126.1	26.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME316D	1/24/2023 12:18	59.0	40.6	0.0	0.4	-36.42	-36.43	-38.30	125.9	26.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME317D	1/10/2023 10:41	57.2	41.1	0.2	1.5	-42.98	-42.90	-44.03	58.4	11.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	1/24/2023 12:22	58.1	40.9	0.5	0.5	-41.34	-41.54	-41.64	68.4	5.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	1/5/2023 10:05	54.8	41.3	3.9	0.0	-2.61	-2.72	-41.64	67.7	0.0	Valve Adjustment:No Change
OXMEW113	1/26/2023 11:32	52.0	41.9	0.9	5.2	-28.42	-29.10	-43.26	66.3	254.7	Valve Adjustment:No Change
OXMEW122	1/13/2023 14:09	52.0	34.8	2.2	11.0	-43.61	-43.77	-44.11	57.9	0.0	Valve Adjustment:No Change
OXMEW122	1/25/2023 8:41	54.0	34.9	1.5	9.6	-39.35	-39.33	-47.16	49.6	0.0	Valve Adjustment:No Change
OXMEW126	1/13/2023 11:43	55.8	43.7	0.5	0.0	-40.69	-40.73	-44.15	56.9	88.7	Valve Adjustment:No Change,Valve 100% open
OXMEW126	1/27/2023 11:38	56.2	41.9	1.5	0.4	-53.54	-45.44	-56.32	57.2	260.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW138	1/5/2023 8:48	52.4	44.5	0.0	3.1	-2.46	-2.46	-40.70	63.5	5.8	Valve Adjustment:No Change,Valve at minimum position
OXMEW138	1/25/2023 8:55	39.8	35.0	0.0	25.2	-6.21	-6.21	-49.59	63.7	4.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXMEW145	1/5/2023 10:49	56.4	41.4	0.4	1.8	-43.62	-43.60	-43.72	82.1	3.8	Valve Adjustment:No Change,Valve 100% open
OXMEW145	1/26/2023 12:05	50.0	42.5	0.2	7.3	-42.82	-42.58	-43.24	95.9	17.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMEW156	1/9/2023 10:38	53.3	38.3	0.1	8.3	-1.56	-1.56	-47.16	52.7	0.5	Valve Adjustment:No Change,Valve at minimum position
OXMEW156	1/19/2023 10:05	57.3	42.7	0.0	0.0	-1.37	-3.19	-45.76	59.1	0.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW158	1/13/2023 11:33	56.1	40.0	0.1	3.8	-2.50	-4.04	-44.06	53.6	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW158	1/25/2023 13:48	52.6	37.4	0.2	9.8	-32.94	-32.74	-43.87	66.0	52.1	Valve Adjustment:No Change,Valve at minimum position
OXMEW159	1/13/2023 11:38	53.6	42.8	0.3	3.3	-0.30	-0.85	-44.06	53.8	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW159	1/25/2023 13:51	55.9	43.9	0.0	0.2	-3.29	-3.29	-43.99	64.3	4.3	Valve Adjustment:No Change,Valve at minimum position
OXMEW162	1/4/2023 9:53	52.8	31.2	1.9	14.1	-35.93	-35.93	-37.38	56.1	3.6	Valve Adjustment:No Change
OXMEW162	1/24/2023 8:34	52.2	31.3	2.2	14.3	-35.08	-35.45	-37.84	58.0	0.0	Valve Adjustment:No Change
OXMEW170	1/11/2023 11:50	67.6	32.4	0.0	0.0	0.60	-0.43	-45.11	51.0	3.7	Valve Adjustment:NSPSCAI,Opened valve 1/2 turn or less
OXMEW170	1/11/2023 11:52	66.9	32.1	0.0	1.0	-9.34	-10.33	-45.55	53.0	3.2	Valve Adjustment:No Change
OXMEW170	1/19/2023 12:53	52.2	27.5	3.6	16.7	-43.41	-43.27	-43.63	56.5	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW173	1/4/2023 11:41	53.3	40.9	0.0	5.8	-0.41	-0.44	-43.67	60.9	27.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW173	1/9/2023 12:38	52.0	39.4	0.0	8.6	-3.41	-3.40	-47.01	75.0	7.7	Valve Adjustment:No Change
OXMEW173	1/19/2023 9:50	52.2	37.8	0.1	9.9	-3.18	-3.18	-45.53	72.5	7.2	Valve Adjustment:No Change
OXMEW174	1/9/2023 10:35	49.2	38.1	2.4	10.3	-1.47	-1.31	-47.26	53.8	3.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW174	1/19/2023 10:02	57.0	39.4	0.4	3.2	-0.95	-1.42	-45.82	57.2	1.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	1/9/2023 10:50	56.8	42.1	0.0	1.1	-4.10	-4.41	-47.17	55.0	2.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	1/19/2023 10:12	56.5	43.3	0.2	0.0	-21.37	-21.44	-45.56	56.2	3.4	Valve Adjustment:No Change,Valve at minimum position
OXMEW176	1/13/2023 9:18	54.6	39.2	0.0	6.2	-20.54	-22.32	-43.85	109.7	49.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW176	1/20/2023 9:40	52.5	42.8	0.2	4.5	-27.24	-27.30	-43.71	109.8	52.6	Valve Adjustment:No Change
OXMEW181	1/10/2023 11:35	58.0	41.7	0.0	0.3	-17.09	-20.19	-45.85	112.2	28.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	1/24/2023 13:07	56.3	41.0	0.0	2.7	-23.19	-24.58	-42.44	112.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW182	1/11/2023 9:17	45.6	33.7	2.9	17.8	-37.96	-37.74	-40.67	118.4	16.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW182	1/24/2023 12:36	46.9	38.3	2.4	12.4	-36.89	-36.87	-42.24	118.6	17.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW183	1/11/2023 10:31	49.6	41.5	0.0	8.9	-8.17	-8.03	-43.47	114.6	45.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW183	1/26/2023 11:13	49.0	41.9	0.0	9.1	-7.46	-6.74	-43.77	115.6	44.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	1/13/2023 8:59	47.1	43.4	0.1	9.4	-1.15	-1.00	-39.92	117.7	25.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	1/26/2023 11:07	42.3	41.6	0.0	16.1	-1.04	-0.89	-37.97	117.2	26.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	1/13/2023 8:55	54.1	45.7	0.2	0.0	-0.37	-0.41	-44.04	114.0	11.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	1/26/2023 11:00	49.6	42.5	0.5	7.4	-0.57	-0.40	-43.59	114.9	14.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW186	1/11/2023 9:43	52.4	41.7	0.4	5.5	-0.96	-0.96	-43.98	56.0	2.2	Valve Adjustment:No Change,Valve at minimum position
OXMEW186	1/26/2023 9:45	52.1	42.2	3.6	2.1	-1.27	-1.27	-42.28	61.0	1.0	Valve Adjustment:No Change,Valve 10% open
OXMEW187	1/13/2023 9:07	53.4	46.5	0.1	0.0	-0.67	-0.66	-43.37	110.7	32.5	Valve Adjustment:No Change

OXMEW187	1/26/2023 9:27	47.8	45.1	0.0	7.1	-1.05	-1.04	-43.87	111.6	9.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	1/13/2023 8:43	55.0	44.9	0.1	0.0	-0.54	-0.59	4.99	99.5	20.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW188	1/26/2023 9:09	51.6	41.7	0.0	6.7	-1.57	-1.56	-43.57	110.3	35.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	1/13/2023 8:39	50.2	40.9	0.7	8.2	-6.33	-6.44	-43.92	121.0	27.2	Valve Adjustment:No Change
OXMEW189	1/26/2023 11:18	48.5	40.6	0.0	10.9	-6.24	-6.64	-32.61	120.3	63.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW190	1/11/2023 10:03	55.6	41.3	0.1	3.0	-16.93	-16.97	-42.95	123.0	35.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXMEW190	1/26/2023 10:07	52.8	42.1	0.0	5.1	-19.32	-19.30	-30.07	123.4	40.3	Valve Adjustment:No Change,Valve 50% open
OXMEW191	1/9/2023 12:29	53.5	44.8	0.0	1.7	-4.63	-4.64	-46.66	119.3	20.4	Valve Adjustment:No Change
OXMEW191	1/18/2023 12:24	55.1	38.3	0.0	6.6	-6.27	-6.29	-42.14	118.8	17.9	Valve Adjustment:No Change
OXMEW192	1/9/2023 11:47	55.8	43.2	0.0	1.0	-4.07	-4.05	-47.53	69.0	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW192	1/19/2023 11:14	54.3	41.1	0.1	4.5	-6.66	-6.66	-46.37	66.5	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW194	1/10/2023 10:58	56.8	41.1	0.3	1.8	-44.33	-44.34	-45.70	81.9	20.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW194	1/24/2023 12:49	56.2	39.1	0.1	4.6	-42.45	-42.48	-42.69	81.6	14.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	1/11/2023 9:29	34.8	28.4	7.4	29.4	-9.39	-9.34	-40.91	52.1	6.5	Valve Adjustment:NSP/SCAI,Closed valve 1/2 turn or less
OXMEW196	1/11/2023 9:31	37.3	30.8	6.3	25.6	-9.00	-9.04	-42.42	52.1	7.0	Valve Adjustment:NSPS
OXMEW196	1/23/2023 12:06	51.7	40.9	3.4	4.0	-7.99	-8.10	-43.33	64.2	1.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	1/11/2023 9:39	52.5	38.9	0.1	8.5	-9.55	-9.55	-43.57	121.9	29.2	Valve Adjustment:No Change
OXMEW199	1/26/2023 9:42	52.2	41.2	0.0	6.6	-8.66	-8.71	-41.68	123.2	36.5	Valve Adjustment:No Change
OXMEW200	1/13/2023 9:03	47.5	43.2	0.1	9.2	-1.17	-1.12	-43.83	114.9	30.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	1/26/2023 9:33	47.1	42.4	0.0	10.5	-1.37	-1.25	-44.37	114.7	11.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	1/13/2023 8:52	46.4	42.5	0.1	11.0	-0.43	-0.36	-43.60	91.3	5.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	1/26/2023 10:56	48.3	42.0	0.0	9.7	-0.69	-0.64	-44.26	93.6	27.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW203	1/5/2023 9:56	57.5	37.9	0.0	4.6	-4.07	-9.12	-43.63	58.5	3.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW203	1/5/2023 9:58	58.5	40.4	0.2	0.9	-10.89	-23.23	-43.40	64.3	13.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEW203	1/26/2023 11:56	33.6	28.5	0.3	37.6	-35.62	-33.81	-45.10	81.4	34.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXMEW204	1/5/2023 9:41	50.5	41.2	0.1	8.2	-8.45	-8.40	-39.66	93.4	4.1	Valve Adjustment:Valve at minimum position
OXMEW204	1/25/2023 10:37	52.3	39.7	0.3	7.7	-3.02	-3.06	-36.43	92.1	1.0	Valve Adjustment:No Change,Valve 20% open
OXMEW205	1/13/2023 9:11	53.2	46.2	0.6	0.0	-0.19	-0.24	-43.84	95.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW205	1/26/2023 9:21	52.3	41.4	0.1	6.2	-0.29	-0.30	-43.08	99.6	0.0	Valve Adjustment:No Change,Valve 20% open
OXMEW209	1/6/2023 12:40	57.8	39.3	0.0	2.9	-5.29	-5.45	-44.64	128.8	8.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW209	1/25/2023 11:31	52.1	44.3	0.0	3.6	-4.92	-4.91	-40.00	129.5	12.6	Valve Adjustment:No Change,Valve 20% open
OXMEW209	1/30/2023 8:56	57.0	38.7	0.0	4.3	-5.13	-5.28	-44.45	128.9	6.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW210	1/4/2023 11:35	55.4	38.4	0.5	5.7	-37.41	-37.99	-41.80	125.3	3.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXMEW210	1/24/2023 10:01	53.9	38.7	0.4	7.0	-36.55	-36.55	-38.55	123.6	4.4	Valve Adjustment:No Change,Valve 90% open
OXMEW300	1/13/2023 9:49	55.8	37.8	1.9	4.5	-5.76	-5.70	-45.08	98.0	17.5	Valve Adjustment:No Change

OXMEW300	1/25/2023 12:21	51.3	35.8	3.0	9.9	-0.82	-0.81	-44.14	96.2	18.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	1/13/2023 9:39	43.7	38.5	0.1	17.7	-6.81	-6.70	-44.86	105.8	11.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	1/25/2023 11:49	33.7	34.6	0.0	31.7	-5.66	-4.90	-39.16	105.6	6.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	1/4/2023 11:43	34.9	31.4	0.0	33.7	-12.18	-12.29	-41.01	61.2	5.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	1/24/2023 10:28	17.7	25.3	0.3	56.7	-15.16	-14.78	-37.17	63.2	3.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	1/5/2023 10:55	54.5	44.3	0.2	1.0	-43.64	-43.54	-43.87	80.3	1.7	Valve Adjustment:No Change, Valve 100% open
OXMEW307	1/25/2023 15:33	56.3	40.5	0.3	2.9	-41.61	-41.45	-41.68	84.4	2.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW309	1/13/2023 9:27	48.4	42.6	0.5	8.5	-24.82	-23.28	-44.15	129.5	51.6	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXMEW309	1/25/2023 11:36	51.6	43.0	0.3	5.1	-21.06	-21.03	-38.97	128.7	44.2	Valve Adjustment:No Change
OXMEW310	1/10/2023 14:18	56.8	39.6	0.0	3.6	-2.57	-5.39	-41.77	100.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW310	1/23/2023 12:04	52.0	39.1	0.0	8.9	-8.18	-8.18	-41.81	113.6	53.9	Valve Adjustment:No Change
OXMEW311	1/4/2023 11:54	54.5	43.7	0.0	1.8	-15.00	-16.55	-42.21	117.1	16.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	1/24/2023 11:22	48.2	40.7	0.1	11.0	-22.19	-21.76	-43.14	117.1	22.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	1/11/2023 9:57	55.3	42.8	0.3	1.6	-4.14	-4.53	-43.33	54.6	32.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	1/26/2023 9:59	54.1	42.8	0.2	2.9	-5.23	-5.79	-46.78	60.0	10.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW315	1/6/2023 12:14	54.1	38.4	0.0	7.5	-40.39	-40.19	-41.81	117.4	19.6	Valve Adjustment:No Change,Valve 70% open
OXMEW315	1/30/2023 9:02	53.3	39.2	0.0	7.5	-40.71	-40.75	-43.90	118.7	25.0	Valve Adjustment:No Change, Valve 70% open
OXMEW316	1/10/2023 10:31	58.3	38.9	0.0	2.8	-40.31	-40.31	-43.39	112.5	13.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	1/24/2023 12:15	59.1	39.8	0.0	1.1	-37.49	-37.82	-40.17	82.5	6.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	1/10/2023 10:38	57.8	40.3	0.1	1.8	-42.98	-42.80	-43.94	103.5	19.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	1/24/2023 12:20	58.2	41.1	0.1	0.6	-41.32	-41.18	-41.34	103.8	17.2	Valve Adjustment:No Change
OXMEW318	1/10/2023 14:26	56.2	35.9	0.1	7.8	-1.69	-2.61	-42.58	103.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	1/24/2023 12:31	52.0	40.2	0.0	7.8	-3.57	-3.56	-42.00	109.2	15.2	Valve Adjustment:No Change
OXMEW319	1/10/2023 14:06	52.0	35.0	0.2	12.8	-11.59	-11.44	-42.84	103.6	22.8	Valve Adjustment:No Change
OXMEW319	1/23/2023 11:52	51.1	37.6	0.0	11.3	-11.62	-11.66	-43.52	104.6	13.0	Valve Adjustment:No Change
OXMEW320	1/6/2023 13:03	58.7	40.7	0.0	0.6	-41.67	-41.66	-41.90	122.2	13.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	1/26/2023 10:41	57.9	41.8	0.2	0.1	-42.82	-42.83	-42.93	121.4	14.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW322	1/10/2023 10:24	56.1	40.1	0.2	3.6	-44.00	-44.10	-45.67	116.0	20.6	Valve Adjustment:No Change, Valve 100% open
OXMEW322	1/24/2023 12:10	56.1	42.0	0.1	1.8	-41.71	-41.71	-42.52	116.2	22.7	Valve Adjustment:No Change, Valve 100% open
OXMEW323	1/10/2023 12:57	57.9	37.8	0.2	4.1	-40.42	-40.70	-42.24	109.6	35.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW323	1/25/2023 14:09	58.7	40.8	0.1	0.4	-40.11	-40.24	-41.84	112.1	14.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	1/5/2023 11:35	58.9	40.7	0.0	0.4	-30.38	-30.30	-38.06	116.2	19.2	Valve Adjustment:No Change, Valve 100% open
OXMEW328	1/23/2023 11:02	59.1	37.1	0.1	3.7	-30.33	-29.38	-36.32	67.4	14.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	1/13/2023 11:50	52.4	37.0	0.4	10.2	-43.68	-43.85	-44.20	53.5	N/A	Valve Adjustment:No Change
OXMEWHC1	1/27/2023 11:30	52.7	34.5	0.3	12.5	-44.34	-44.35	-48.49	65.7	N/A	Valve Adjustment:No Change

OXMEWW05	1/11/2023 14:55	56.2	43.3	0.0	0.5	-48.95	-48.69	-48.20	104.3	19.5	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	1/20/2023 9:10	55.1	44.5	0.1	0.3	-48.41	-48.44	-48.28	97.6	10.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	1/13/2023 9:11	55.3	40.0	0.1	4.6	-47.22	-47.29	-47.61	82.4	8.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEWW06	1/20/2023 9:34	54.3	44.0	0.2	1.5	-48.14	-48.28	-48.07	63.8	6.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEWW08	1/9/2023 11:36	53.6	43.0	3.4	0.0	-0.91	-0.97	-47.02	55.3	0.6	Valve Adjustment:No Change,Valve at minimum position
OXMEWW08	1/19/2023 11:03	45.1	37.2	4.9	12.8	-2.47	-2.46	-45.54	56.2	3.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW17	1/13/2023 9:43	55.6	44.4	0.0	0.0	-41.44	-40.72	-41.36	56.8	18.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW17	1/20/2023 12:43	44.1	31.4	3.1	21.4	-41.50	-41.46	-41.68	55.8	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW18	1/13/2023 9:53	47.1	36.8	3.0	13.1	-0.30	-0.30	-44.82	52.2	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEWW18	1/20/2023 12:53	51.4	39.5	2.4	6.7	-0.42	-0.40	-44.66	52.0	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1G	1/11/2023 14:48	57.9	41.6	0.1	0.4	-32.74	-33.46	-46.62	72.5	4.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1G	1/20/2023 9:06	57.0	42.3	0.0	0.7	-38.71	-38.76	-45.81	67.2	3.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1I	1/11/2023 14:58	49.2	40.7	0.0	10.1	-26.41	-26.74	-46.71	60.3	1.6	Valve Adjustment:No Change
OXMEWW1I	1/20/2023 9:17	48.0	44.2	0.5	7.3	-45.71	-45.67	-45.72	47.2	0.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1J	1/13/2023 13:59	51.9	38.5	0.8	8.8	-15.35	-15.30	-44.45	66.6	4.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1J	1/20/2023 9:21	50.7	40.1	0.0	9.2	-14.24	-13.12	-46.02	63.8	4.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1K	1/13/2023 9:04	53.6	36.3	0.1	10.0	-47.02	-47.10	-47.82	54.4	0.0	Valve Adjustment:No Change
OXMEWW1K	1/20/2023 9:24	52.7	42.0	0.0	5.3	-47.68	-47.67	-47.92	54.7	0.0	Valve Adjustment:No Change
OXMEWW1S	1/13/2023 9:31	59.2	39.1	0.0	1.7	-40.04	-40.06	-41.14	68.1	22.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	1/20/2023 11:19	54.6	25.8	0.3	19.3	-39.97	-39.97	-38.96	67.4	23.4	Valve Adjustment:No Change
OXMEWW1S	1/20/2023 12:18	55.6	29.9	0.7	13.8	-40.72	-40.67	-41.76	67.6	16.4	Valve Adjustment:No Change
OXMHCF03	1/9/2023 8:27	56.2	43.5	0.3	0.0	-47.00	-46.77	-46.66	58.9	6.5	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	1/18/2023 13:08	53.7	39.0	0.2	7.1	-43.33	-43.49	-43.70	71.5	4.6	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	1/9/2023 8:31	47.6	42.7	3.4	6.3	-46.41	-46.41	-46.45	54.3	0.0	Valve Adjustment:No Change
OXMHCF04	1/18/2023 13:05	46.8	36.8	4.3	12.1	-43.49	-43.50	-43.60	70.0	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW30	1/11/2023 11:03	55.9	38.2	0.1	5.8	-48.49	-48.77	-48.06	51.0	4.7	Valve Adjustment:No Change,Valve 40% open
OXMPEW30	1/20/2023 8:03	55.6	35.8	0.3	8.3	-47.34	-47.46	-47.43	41.3	2.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXMPEW31	1/11/2023 11:34	53.8	46.2	0.0	0.0	-48.80	-48.29	-48.59	60.8	5.4	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	1/20/2023 8:32	54.2	44.7	0.0	1.1	-48.79	-48.86	-48.66	49.5	4.4	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	1/9/2023 11:02	56.7	43.2	0.0	0.1	-40.68	-40.70	-47.36	58.6	5.4	Valve Adjustment:No Change,Valve at minimum position
OXMPEW32	1/19/2023 10:18	57.5	40.1	0.1	2.3	-45.10	-45.12	-46.16	54.2	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMPEW33	1/9/2023 11:51	56.7	43.3	0.0	0.0	-12.06	-12.14	-47.99	71.0	6.9	Valve Adjustment:No Change,Valve at minimum position
OXMPEW33	1/19/2023 11:19	57.5	42.5	0.0	0.0	-16.76	-18.34	-46.29	69.1	5.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMPEW35	1/11/2023 11:18	53.8	46.2	0.0	0.0	-17.01	-17.16	-45.83	122.4	27.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW35	1/20/2023 8:20	54.5	42.2	0.0	3.3	-14.30	-14.32	-46.67	123.5	18.1	Valve Adjustment:Opened valve 1/2 turn or less

OXMPEW44	1/13/2023 9:34	58.0	40.6	0.0	1.4	-42.10	-41.93	-42.08	59.0	4.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW44	1/20/2023 12:25	56.1	38.6	0.7	4.6	-40.55	-40.62	-40.76	57.0	6.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXSS2033	1/13/2023 10:25	45.0	26.6	4.8	23.6	-0.21	-0.24	-42.93	53.1	37.0	Valve Adjustment:No Change,Valve at minimum position
OXSS2033	1/23/2023 13:02	55.5	38.8	0.0	5.7	-0.06	-0.25	-38.32	70.7	16.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2034	1/13/2023 10:18	55.3	41.2	0.8	2.7	-37.76	-37.48	-42.09	53.0	3.9	Valve Adjustment:No Change,Valve 100% open
OXSS2034	1/23/2023 12:56	57.0	37.8	0.3	4.9	-37.71	-37.83	-41.58	74.7	2.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXSS2215	1/4/2023 10:59	58.8	41.2	0.0	0.0	-0.05	-0.29	-37.19	62.4	12.3	Valve Adjustment:Opened valve 1/2 turn or less
OXSS2215	1/13/2023 11:18	59.6	40.4	0.0	0.0	-0.14	-0.22	-39.65	63.4	9.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXSS2215	1/27/2023 14:51	51.2	37.9	1.6	9.3	-0.53	-0.53	-39.40	69.5	13.1	Valve Adjustment:No Change,Valve 20% open
OXSS2216	1/30/2023 8:14	56.3	40.3	0.7	2.7	-0.56	-0.56	-43.77	50.7	3.6	Valve Adjustment:No Change
OXSS2216	1/30/2023 8:16	55.8	41.6	0.7	1.9	-0.55	-1.30	-43.77	51.4	4.0	Valve Adjustment:Opened valve 1/2 turn or less
OXSS2216	1/30/2023 9:03	48.6	36.2	3.3	11.9	-1.85	-1.31	-44.11	54.5	5.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXSS2216	1/30/2023 10:35	45.3	34.6	4.3	15.8	-1.02	-0.93	-44.19	57.5	1.3	Valve Adjustment:Closed valve 1/2 turn or less
OXSS2216	1/31/2023 15:24	56.8	41.6	0.7	0.9	-0.24	-0.29	-42.11	68.5	2.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less

\* - Oxygen is only required to be monitored per NESHAP Subpart AAAAA and high percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are highlighted for reporting purposes only.

**Italic** = HOV/LTCO approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions recorded by GEM.

\*\*Well OXEWHC6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

≤140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii)
OXEVI1618, OXMEV205, OXMEV209, OXMPFV35

≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(i)
OMTLT01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS06, OXLCRS06, OXLCRS06, OXLCRS07, OXMEWHC6, OXMTBTC4, OXMEWW17, and OXMHCF06.

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)
OMTLT01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS06, OXLCRS06, OXLCRS06, and OXLCRS07.

\*Wells that have been decommissioned are noted with a strikethrough.

Total Number of Active Wells	231
Total Number of Well Readings	500
Total Number of Readings NOT Collected	1

Number of Wells with Methane <50%	62
Number of Wells with Methane >52%	152
Number of Wells with Oxygen >1%	51
Number of Wells with Temp. >120F	33

Reason for Not Collecting Data:

N/A
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**OX MOUNTAIN LANDFILL**  
Wellfield Monitoring Report - February 1, 2, 3, 6, 7, 8, 9, 13, 14, 16, 17, 21, 22, 23, 24, 27, and 28, 2023

Device ID	Date and Time	CH <sub>4</sub>		CO <sub>2</sub>		O <sub>2</sub>		BAL		Initial Static Pressure		Adjusted Static Pressure		Lateral Pressure		Initial Temperature		Initial Flow*		Comments
		%	%	%	%	%	%	in. wk..	in. wk..	in. wk..	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	scfm				
OMLEW101	2/3/2023 11:41	48.3	35.8	1.1	14.8	-3.09	-3.09	-40.23	67.4	9.4	Valve Adjustment:No Change.Valve at minimum position									
OMLEW101	2/27/2023 8:36	52.1	36.3	0.3	11.3	-3.47	-3.40	-37.47	63.2	50.0	Valve Adjustment:No Change.Valve at minimum position									
OMLEW104	2/8/2023 13:41	55.9	41.7	0.3	2.1	-16.63	-16.56	-24.30	74.5	25.3	Valve Adjustment:No Change									
OMLEW104	2/23/2023 10:08	52.3	43.6	0.3	3.8	-23.55	-23.51	-37.44	74.3	29.5	Valve Adjustment:No Change									
OMLEW107	2/8/2023 13:44	55.4	40.0	0.4	4.2	-24.38	-24.45	-24.11	74.0	9.9	Valve Adjustment:No Change									
OMLEW107	2/23/2023 10:12	52.7	41.7	0.2	5.4	-37.35	-37.21	-37.67	51.4	0.0	Valve Adjustment:No Change									
OMLFEW59	2/13/2023 13:57	52.2	40.2	0.1	7.5	-1.53	-1.50	-39.28	105.7	20.6	Valve Adjustment:No Change.Valve 20% open									
OMLFEW59	2/16/2023 12:39	52.7	32.7	0.2	14.4	-0.87	-0.89	-31.05	106.8	13.1	Valve Adjustment:No Change.Valve 20% open									
OMLFEW59	2/28/2023 13:21	43.9	35.0	0.1	21.0	-1.74	-1.14	-39.73	104.3	20.4	Valve Adjustment:Closed valve 1/2 turn or less.Valve 5% open									
OMLFEW59	2/28/2023 13:23	50.1	36.4	0.0	13.5	-1.13	-1.13	-42.10	99.1	2.1	Valve Adjustment:No Change									
OMLFEW72	2/8/2023 10:18	57.1	39.1	0.0	3.8	-0.27	-0.25	-22.48	65.9	N/A	Valve Adjustment:No Change									
OMLFEW72	2/23/2023 9:55	43.9	35.9	1.6	18.6	-1.31	-1.33	-37.34	48.1	N/A	Valve Adjustment:No Change									
OMLFEW99	2/2/2023 14:00	47.2	37.3	0.2	15.3	-0.99	-0.97	-45.47	68.0	14.0	Valve Adjustment:Closed valve 1/2 turn or less.Valve 5% open									
OMLFEW99	2/24/2023 10:39	50.5	34.5	0.3	14.7	-1.17	-1.17	-49.11	64.0	14.4	Valve Adjustment:No Change.Valve 5% open									
OMTLTS01	2/8/2023 9:07	57.0	40.5	0.3	2.2	-0.11	-0.11	-26.39	60.0	3.0	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS01	2/23/2023 8:48	54.8	35.9	0.4	8.9	-0.07	-0.06	-36.71	49.8	2.2	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS02	2/8/2023 10:00	50.3	33.5	0.6	15.6	-0.09	-0.09	-23.21	65.8	6.1	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS02	2/23/2023 9:41	50.5	33.9	1.2	14.4	-0.24	-0.24	-37.66	60.2	7.5	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS03	2/8/2023 9:55	37.1	26.4	3.9	32.6	-0.04	-0.04	-23.46	67.8	0.0	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS03	2/23/2023 9:36	32.0	27.6	6.8	33.6	-0.19	-0.19	-37.77	46.3	0.2	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS04	2/7/2023 8:41	25.9	28.1	3.4	42.6	-0.11	-0.11	-27.23	58.1	0.2	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS04	2/17/2023 9:34	29.3	24.9	3.8	42.0	-0.17	-0.17	-42.07	52.3	0.1	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS05	2/7/2023 8:38	34.0	29.7	0.1	36.2	-0.10	-0.10	-27.63	60.6	0.0	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS05	2/17/2023 9:31	17.8	18.2	10.6	53.4	-0.20	-0.20	-41.45	52.8	0.1	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS06	2/7/2023 8:35	37.4	36.3	10.9	15.4	-0.10	-0.10	-27.71	57.8	0.1	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS06	2/17/2023 9:23	37.6	37.7	11.2	13.5	-0.23	-0.23	-40.72	51.6	0.2	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS07	2/7/2023 8:20	39.8	24.0	5.0	31.2	-0.18	-0.18	-27.55	63.0	0.4	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS07	2/17/2023 8:59	43.8	30.4	4.9	20.9	-0.32	-0.33	-38.69	52.6	0.3	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS08	2/7/2023 8:16	26.8	26.5	14.7	32.0	-0.17	-0.17	-16.54	56.3	0.1	Valve Adjustment:No Change.Valve at minimum position									
OMTLTS08	2/17/2023 8:52	19.1	14.7	10.4	55.8	-0.55	-0.38	-29.93	59.3	10.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS09	2/7/2023 8:10	54.8	34.4	5.0	5.8	-0.33	-0.31	-17.85	57.1	2.8	Valve Adjustment:No Change.Valve at minimum position									

OMTL TS09	2/17/2023 8:40	26.4	28.1	0.1	45.4	-0.44	-0.41	-27.15	54.9	2.6	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS10	2/6/2023 11:31	30.0	21.5	3.6	44.9	-0.30	-0.30	-27.17	66.2	4.9	Valve Adjustment: No Change, Valve at minimum position
OMTL TS10	2/17/2023 11:17	40.6	30.3	0.4	28.7	-0.50	-0.46	-39.15	60.5	1.1	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS11	2/13/2023 11:19	3.7	8.3	14.3	73.7	-0.41	-0.40	-38.95	62.4	0.1	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS11	2/17/2023 11:28	54.2	33.8	11.9	0.1	-0.48	-0.46	-39.18	59.2	0.0	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS12	2/13/2023 11:43	11.1	10.0	13.3	65.6	-0.45	-0.45	-37.05	64.6	1.3	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS12	2/17/2023 11:33	5.0	13.6	5.8	75.6	-0.53	-0.50	-41.69	63.7	0.7	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS12	2/17/2023 12:59	11.9	13.7	9.1	65.3	-1.06	-0.54	-39.73	65.7	12.1	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS15	2/13/2023 11:36	9.5	8.0	13.3	69.2	-0.68	-0.62	-40.84	76.7	12.4	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS15	2/17/2023 13:09	9.6	12.3	9.5	68.6	-0.71	-0.68	-42.36	84.5	8.8	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS16	2/6/2023 11:58	2.3	17.4	2.0	78.3	-0.31	-0.31	-17.74	70.1	0.8	Valve Adjustment: No Change, Valve at minimum position
OMTL TS16	2/17/2023 13:16	5.7	13.3	6.8	74.2	-0.71	-0.71	-37.43	67.0	1.9	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS17	2/6/2023 12:04	5.4	13.6	7.5	73.5	-0.30	-0.30	-28.80	73.3	0.2	Valve Adjustment: No Change, Valve at minimum position
OMTL TS17	2/17/2023 13:27	12.6	14.8	3.9	68.7	-1.00	-0.72	-41.76	62.1	9.7	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTL TS18	2/6/2023 12:09	45.3	34.9	1.0	18.8	-0.79	-0.78	-28.99	63.8	20.4	Valve Adjustment: No Change, Valve 20% open
OMTL TS18	2/17/2023 13:36	45.4	34.8	1.5	18.3	-1.24	-1.02	-41.91	64.0	23.4	Valve Adjustment: Closed valve 1/2 turn or less
OMTL TS19	2/6/2023 12:12	23.9	19.9	11.1	45.1	-0.36	-0.36	-28.96	67.7	8.6	Valve Adjustment: No Change, Valve 5% open
OMTL TS19	2/17/2023 13:51	34.6	25.7	10.8	28.9	-0.38	-0.38	-42.07	61.8	0.1	Valve Adjustment: No Change, Valve at minimum position
OMTL TS20	2/6/2023 12:15	23.8	18.5	5.6	52.1	-0.30	-0.30	-29.28	66.1	10.1	Valve Adjustment: No Change, Valve at minimum position
OMTL TS20	2/17/2023 13:47	36.2	25.3	3.3	35.2	-0.47	-0.42	-42.51	66.8	11.7	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW133B	2/8/2023 9:37	25.1	27.3	4.0	43.6	-7.44	-7.44	-17.02	68.9	20.2	Valve Adjustment: No Change
OXEW133B	2/27/2023 10:51	23.4	25.8	5.3	45.5	-13.54	-12.44	-40.74	72.7	32.8	Valve Adjustment: NSP/SCAI, Closed valve 1/2 turn or less
OXEW133B	2/27/2023 10:54	22.5	25.6	5.7	46.2	-8.75	-8.54	-40.20	72.5	0.0	Valve Adjustment: NSPS
OXEW134A	2/8/2023 9:31	50.8	37.9	0.0	11.3	-7.41	-7.39	-22.87	61.1	41.3	
OXEW134A	2/23/2023 9:13	48.0	35.9	0.8	15.3	-7.74	-6.85	-37.23	61.2	36.5	Valve Adjustment: No Change
OXEW134B	2/8/2023 9:28	39.7	30.2	1.8	28.3	-20.31	-20.27	-23.42	48.9	77.2	Valve Adjustment: Closed valve 1/2 turn or less
OXEW134B	2/23/2023 9:17	52.8	38.0	0.6	8.6	-30.49	-31.11	-37.95	50.8	60.8	Valve Adjustment: No Change
OXEW137B	2/7/2023 8:32	57.4	41.8	0.8	0.0	-25.56	-25.50	-25.49	61.8	16.6	Valve Adjustment: No Change
OXEW137B	2/17/2023 9:20	57.3	41.4	0.7	0.6	-36.17	-36.13	-36.60	61.6	0.0	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1601	2/3/2023 9:12	50.8	38.4	1.1	9.7	-7.64	-7.66	-41.50	117.9	25.4	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1601	2/23/2023 9:08	53.6	40.3	0.9	5.2	-6.53	-6.88	-34.81	120.3	34.6	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1602	2/9/2023 9:34	55.8	36.1	0.2	7.9	-10.37	-10.58	-22.36	128.8	21.9	Valve Adjustment: No Change
OXEW1602	2/27/2023 10:33	51.9	26.1	0.7	21.3	-23.22	-23.19	-43.59	126.4	27.3	Valve Adjustment: No Change
OXEW1603	2/3/2023 9:56	53.3	40.6	1.7	4.4	-38.73	-38.81	-39.09	114.6	41.9	Valve Adjustment: No Change, Valve 100% open
OXEW1603	2/23/2023 9:24	56.3	42.3	0.5	0.9	-34.68	-34.68	-33.99	121.2	23.5	Valve Adjustment: No Change, Valve 100% open

OXEW1603	2/27/2023 10:08	55.8	38.2	1.8	4.2	-40.26	-40.30	-40.21	92.6	17.9	Valve Adjustment:No Change,Valve 100% open
OXEW1604	2/14/2023 11:08	56.9	42.0	0.1	1.0	-3.26	-3.32	-33.38	129.9	30.5	Valve Adjustment:No Change
OXEW1604	2/27/2023 10:12	54.7	37.5	0.6	7.2	-3.75	-3.71	-40.62	128.1	32.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1611	2/3/2023 11:39	52.4	42.3	2.8	2.5	-0.17	-0.16	-26.51	53.2	4.4	Valve Adjustment:No Change
OXEW1611	2/23/2023 9:48	56.6	43.0	0.4	0.0	-1.02	-1.51	-23.40	46.4	5.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1612	2/9/2023 8:16	59.2	38.8	0.2	1.8	-19.43	-19.47	-19.61	120.9	18.1	Valve Adjustment:No Change
OXEW1612	2/23/2023 11:21	56.2	42.6	0.6	0.6	-31.00	-31.12	-36.44	125.4	20.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	2/3/2023 10:16	51.6	43.8	1.3	3.3	-17.47	-17.47	-33.61	126.2	41.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	2/27/2023 10:22	57.8	38.7	1.1	2.4	-17.69	-17.73	-43.48	125.2	50.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	2/14/2023 11:29	57.6	38.4	0.2	3.8	-0.07	-0.62	-38.19	52.7	34.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	2/23/2023 10:18	33.5	38.4	0.3	27.8	-4.84	-4.13	-36.64	117.0	21.1	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW1614	2/23/2023 10:20	35.8	38.6	0.3	25.3	-3.86	-3.76	-35.43	115.8	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	2/7/2023 12:54	57.0	39.1	0.1	3.8	-12.22	-12.21	-16.47	113.8	20.9	Valve Adjustment:No Change
OXEW1616	2/22/2023 11:22	55.2	41.4	0.0	3.4	-16.94	-18.38	-23.88	114.1	17.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1617	2/7/2023 11:51	55.3	37.0	0.7	7.0	-1.34	-1.34	-25.81	125.7	8.0	Valve Adjustment:No Change,Valve 20% open
OXEW1617	2/22/2023 11:16	56.0	43.0	0.0	1.0	-2.16	-3.25	-37.85	127.3	13.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1618	2/14/2023 10:00	56.0	37.8	0.0	6.2	-1.05	-4.92	-39.49	126.9	4.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1618	2/23/2023 10:35	36.4	37.8	1.5	24.3	-8.17	-6.73	-36.83	129.0	15.3	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW1618	2/23/2023 10:37	37.0	37.7	1.6	23.7	-6.45	-6.05	-36.49	128.5	8.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1619	2/7/2023 8:54	50.3	38.7	4.5	6.5	-27.11	-27.15	-27.48	114.2	2.0	Valve Adjustment:No Change,Valve 100% open
OXEW1619	2/17/2023 10:00	57.4	37.4	0.5	4.7	-39.67	-39.62	-40.28	115.5	2.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1620	2/6/2023 12:43	52.3	36.5	0.1	11.1	-4.24	-4.24	-28.10	104.4	4.7	Valve Adjustment:No Change,Valve 20% open
OXEW1620	2/7/2023 9:00	54.1	39.8	0.0	6.1	-4.66	-4.66	-27.25	105.2	4.7	Valve Adjustment:No Change,Valve 20% open
OXEW1620	2/17/2023 10:13	51.8	37.2	0.0	11.0	-8.25	-8.20	-40.59	100.4	5.8	Valve Adjustment:No Change,Valve 20% open
OXEW1621	2/13/2023 13:26	53.0	38.6	0.2	8.2	-0.06	-0.36	-40.64	94.4	7.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1621	2/23/2023 12:13	45.8	41.5	0.0	12.7	-0.98	-0.99	-41.93	107.5	30.9	Valve Adjustment:No Change
OXEW1622	2/7/2023 8:49	55.6	40.9	3.5	0.0	-10.10	-10.03	-27.74	119.4	14.5	Valve Adjustment:No Change
OXEW1622	2/17/2023 9:53	48.7	36.8	4.0	10.5	-14.86	-14.67	-41.21	119.2	7.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1701	2/7/2023 9:38	59.2	38.9	0.0	1.9	-20.38	-20.33	-20.47	117.0	2.4	Valve Adjustment:No Change,Valve 100% open
OXEW1701	2/22/2023 12:35	59.6	40.0	0.0	0.4	-32.72	-33.14	-33.72	119.1	4.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1702	2/7/2023 12:39	54.3	37.2	0.1	8.4	-19.62	-19.74	-21.42	120.3	5.3	Valve Adjustment:No Change,Valve 100% open
OXEW1702	2/22/2023 12:28	56.2	40.4	0.0	3.4	-30.61	-30.67	-33.01	123.1	6.1	Valve Adjustment:No Change,Valve 100% open
OXEW1703	2/7/2023 12:27	56.4	37.7	0.1	5.8	-16.72	-16.72	-16.91	95.8	11.0	Valve Adjustment:No Change,Valve 100% open
OXEW1703	2/22/2023 12:19	58.4	40.9	0.0	0.7	-29.80	-30.00	-30.08	97.5	7.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1705	2/3/2023 10:33	53.6	41.3	1.1	4.0	-20.01	-20.69	-38.21	115.3	11.9	Valve Adjustment:Opened valve 1/2 turn or less

OXEW1705	2/22/2023 14:33	59.1	37.7	0.2	3.0	-12.78	-16.23	-34.84	115.0	10.1	Valve Adjustment: Opened valve 1/2 turn or less, Valve 50% open
OXEW1716	2/2/2023 12:20	57.5	42.4	0.1	0.0	-43.52	-43.58	-43.70	83.3	6.3	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1716	2/16/2023 12:20	53.4	39.5	0.2	6.9	-38.19	-38.12	-37.95	66.4	6.6	Valve Adjustment: No Change, Valve 100% open
OXEW1716	2/28/2023 13:01	59.9	38.8	0.0	1.3	-43.49	-43.45	-44.17	66.8	7.7	Valve Adjustment: No Change, Valve 100% open
OXEW1717	2/2/2023 11:30	53.9	45.2	0.4	0.5	-0.13	-0.14	-46.82	83.4	0.9	Valve Adjustment: No Change, Valve 25% open
OXEW1717	2/16/2023 11:28	56.0	38.3	1.0	4.7	-0.32	-2.01	-44.50	81.5	1.7	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
OXEW1801	2/9/2023 10:12	55.8	38.8	0.4	5.0	-5.65	-5.71	-21.45	124.0	13.4	Valve Adjustment: No Change, Valve 30% open
OXEW1801	2/23/2023 10:07	49.9	41.4	0.5	8.2	-14.40	-14.38	-35.69	123.5	13.5	Valve Adjustment: No Change
OXEW1804	2/14/2023 9:31	51.7	38.9	2.6	6.8	-1.23	-1.24	-39.48	121.5	8.4	Valve Adjustment: No Change, Valve 20% open
OXEW1804	2/23/2023 10:41	54.5	45.1	0.4	0.0	-0.16	-0.20	-37.13	127.7	29.6	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1805	2/9/2023 9:46	58.4	37.8	0.4	3.4	-17.45	-17.78	-21.40	111.6	15.1	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1805	2/23/2023 10:53	55.5	43.9	0.6	0.0	-32.24	-32.32	-36.19	115.9	16.0	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1806	2/7/2023 9:09	52.2	39.3	0.1	8.4	-0.15	-0.15	-26.51	116.1	9.3	Valve Adjustment: No Change, Valve 5% open
OXEW1806	2/22/2023 10:49	55.0	42.0	0.0	3.0	-0.20	-0.20	-37.70	116.9	10.7	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open
OXEW1807	2/14/2023 9:51	56.9	42.7	0.0	0.4	-1.01	-1.00	-39.26	130.2	22.1	Valve Adjustment: No Change
OXEW1807	2/22/2023 11:36	57.0	40.4	2.6	0.0	-0.06	-0.46	-36.41	129.3	24.7	Valve Adjustment: Opened valve 1/2 turn or less, Valve 25% open
OXEW1808	2/3/2023 10:59	51.1	39.1	2.5	7.3	-37.35	-37.74	-38.74	51.2	1.5	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1808	2/22/2023 14:22	57.3	38.4	4.3	0.0	-33.86	-33.52	-34.26	48.4	2.4	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1809	2/3/2023 9:05	54.4	37.6	0.9	7.1	-31.02	-32.02	-41.85	113.9	40.0	Valve Adjustment: Opened valve 1/2 turn or less, Valve 60% open
OXEW1809	2/23/2023 8:59	55.8	41.2	0.4	2.6	-27.68	-27.88	-34.75	115.1	38.8	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1810	2/2/2023 13:16	51.3	31.3	3.8	13.6	-14.37	-14.13	-42.22	68.1	1.7	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1810	2/27/2023 11:21	53.2	32.4	3.0	11.4	-7.66	-7.50	-40.50	40.7	0.6	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1811	2/14/2023 10:38	55.8	38.2	0.9	5.1	-2.19	-5.57	-35.63	56.5	4.8	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open
OXEW1811	2/23/2023 12:40	52.1	38.8	2.0	7.1	-9.51	-9.46	-40.44	60.8	7.9	Valve Adjustment: No Change, Valve 20% open
OXEW1812	2/9/2023 11:10	55.0	41.4	0.5	3.1	-7.38	-7.41	-24.05	123.8	20.6	Valve Adjustment: No Change, Valve 30% open
OXEW1812	2/23/2023 11:12	56.2	40.4	0.1	3.3	-12.07	-12.06	-38.05	122.4	21.9	Valve Adjustment: No Change, Valve 30% open
OXEW1813	2/7/2023 12:51	60.0	37.9	0.0	2.1	-24.49	-24.40	-24.53	98.4	3.9	Valve Adjustment: No Change
OXEW1813	2/22/2023 11:25	57.2	40.9	0.0	1.9	-36.37	-36.15	-36.76	101.9	6.4	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1815	2/7/2023 10:04	50.7	38.1	0.0	11.2	-3.15	-3.15	-23.81	123.2	4.7	Valve Adjustment: No Change, Valve 20% open
OXEW1815	2/22/2023 10:30	55.7	32.6	0.1	11.6	-3.96	-6.40	-38.90	123.2	13.1	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
OXEW1816	2/7/2023 12:43	58.8	37.9	0.0	3.3	-13.21	-13.22	-21.79	118.2	73.4	Valve Adjustment: No Change, Valve 100% open
OXEW1816	2/22/2023 12:31	56.2	41.2	0.3	2.3	-18.90	-18.88	-33.38	117.8	93.7	Valve Adjustment: No Change, Valve 100% open
OXEW1817	2/3/2023 11:12	56.9	42.8	0.3	0.0	-37.71	-38.02	-38.10	114.9	12.0	Valve Adjustment: No Change, Valve 100% open
OXEW1817	2/23/2023 9:56	56.0	43.6	0.4	0.0	-33.03	-32.60	-33.47	117.0	10.2	Valve Adjustment: No Change, Valve 100% open
OXEW1821	2/3/2023 8:29	30.5	26.4	0.0	43.1	-0.35	-0.34	-43.40	48.8	0.0	Valve Adjustment: No Change, Valve at minimum position

OXEW1821	2/21/2023 14:55	30.3	22.1	0.0	47.6	-0.10	-0.10	-31.75	50.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	2/3/2023 8:46	10.4	17.3	0.5	71.8	-0.33	-0.33	-43.23	48.9	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	2/24/2023 10:00	9.9	17.2	1.3	71.6	-0.25	-0.25	-45.26	42.4	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	2/3/2023 8:50	15.6	22.4	0.1	61.9	-0.11	-0.11	-43.23	49.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	2/24/2023 10:03	18.4	22.3	0.6	58.7	-0.18	-0.17	-45.36	42.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	2/2/2023 13:22	61.5	31.5	0.7	6.3	-42.22	-41.93	-42.61	68.1	4.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1824	2/16/2023 13:12	61.1	29.1	0.6	9.2	-37.81	-37.74	-37.83	61.9	3.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1824	2/24/2023 9:19	63.8	33.5	0.6	2.1	-44.79	-44.68	-45.08	44.4	17.5	Valve Adjustment:No Change,Valve 100% open
OXEW1825	2/2/2023 12:56	45.1	35.7	0.9	18.3	-3.49	-2.91	-44.48	67.2	0.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1825	2/24/2023 9:16	52.6	33.6	2.1	11.7	-0.63	-0.63	-44.84	41.8	1.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	2/9/2023 11:19	54.4	40.1	0.2	5.3	-3.31	-3.31	-23.99	79.7	5.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	2/23/2023 11:17	51.4	38.5	0.7	9.4	-6.66	-6.72	-38.35	78.9	6.8	Valve Adjustment:No Change,Valve at minimum position
OXEW1901	2/14/2023 8:50	53.9	38.5	2.1	5.5	-28.63	-27.87	-38.15	49.8	11.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1901	2/21/2023 13:10	55.3	43.7	1.0	0.0	-28.02	-34.75	-43.64	71.7	15.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1902	2/7/2023 12:36	56.6	37.7	0.1	5.6	-2.11	-2.12	-22.14	66.2	36.2	Valve Adjustment:No Change,Valve 10% open
OXEW1902	2/22/2023 12:25	52.3	39.9	0.0	7.8	-3.34	-3.33	-34.02	63.2	42.9	Valve Adjustment:No Change,Valve 10% open
OXEW1904	2/7/2023 12:23	53.4	37.5	0.1	9.0	-9.00	-8.99	-23.91	107.7	34.6	Valve Adjustment:No Change,Valve 50% open
OXEW1904	2/22/2023 12:10	54.8	37.6	0.0	7.6	-13.88	-15.33	-36.90	102.1	42.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW1908	2/1/2023 14:12	57.7	42.3	0.0	0.0	-24.17	-24.18	-24.24	102.1	29.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1908	2/17/2023 10:37	57.5	39.9	0.2	2.4	-24.15	-24.22	-25.22	102.8	17.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1909	2/1/2023 13:59	53.2	46.8	0.0	0.0	-1.04	-2.00	-37.48	86.7	7.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1909	2/1/2023 14:19	52.1	47.9	0.0	0.0	-2.15	-2.17	-36.59	88.7	11.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1909	2/2/2023 8:30	52.7	47.3	0.0	0.0	-2.55	-4.18	-40.60	85.9	11.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1909	2/17/2023 11:03	53.4	44.7	0.0	1.9	-4.34	-4.44	-37.73	90.9	35.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1910	2/3/2023 9:51	45.6	39.9	1.1	13.4	-5.44	-5.22	-40.00	116.2	70.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1910	2/17/2023 10:42	48.8	38.6	0.9	11.7	-4.79	-4.58	-37.87	115.6	62.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1911	2/9/2023 9:24	55.7	38.1	1.8	4.4	-21.68	-21.69	-23.17	111.8	11.6	Valve Adjustment:No Change,Valve 100% open
OXEW1911	2/23/2023 11:03	56.0	41.6	0.5	1.9	-36.77	-36.86	-38.04	113.1	12.7	Valve Adjustment:No Change,Valve 100% open
OXEW1912	2/3/2023 9:21	55.1	38.6	0.7	5.6	-35.29	-36.10	-43.74	118.0	36.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW1912	2/23/2023 9:12	57.2	39.7	0.3	2.8	-29.09	-29.26	-37.69	122.2	43.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1913	2/9/2023 11:01	54.7	37.1	0.6	7.6	-3.86	-3.86	-22.77	89.6	1.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1913	2/13/2023 11:01	57.3	42.2	0.5	0.0	-4.60	-7.79	-37.44	89.4	1.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1913	2/23/2023 11:04	43.2	34.7	0.1	22.0	-0.35	-0.35	-37.98	87.0	6.2	Valve Adjustment:No Change,Valve 15% open
OXEW1914	2/8/2023 12:20	57.4	37.5	0.7	4.4	-23.95	-23.98	-24.01	100.0	6.3	Valve Adjustment:No Change,Valve 100% open
OXEW1914	2/23/2023 13:01	58.3	40.6	0.1	1.0	-42.28	-42.29	-42.56	96.4	5.7	Valve Adjustment:No Change,Valve 100% open

OXEW1915	2/2/2023 10:51	49.5	39.1	2.7	8.7	-2.56	-1.92	-47.60	52.2	8.0	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1915	2/16/2023 9:57	50.6	36.4	2.8	10.2	-1.89	-0.65	-45.20	53.5	6.1	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1916	2/3/2023 9:39	57.0	35.5	1.1	6.4	-43.09	-43.54	-43.41	47.8	0.1	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEW1916	2/3/2023 9:41	58.0	37.5	0.6	3.9	-43.35	-43.46	-43.47	47.8	0.0	Valve Adjustment: Opened valve 1/2 turn or less, Valve 5% open
OXEW1916	2/24/2023 11:22	55.1	31.7	1.7	11.5	-45.00	-44.92	-45.25	50.8	1.7	Valve Adjustment: No Change, Valve at minimum position
OXEW1917	2/3/2023 10:36	57.7	40.1	0.0	2.2	-37.11	-41.18	-43.49	65.0	3.8	Valve Adjustment: Opened valve 1/2 turn or less, Valve 25% open
OXEW1917	2/24/2023 12:17	57.2	40.6	0.2	2.0	-41.70	-41.88	-44.02	67.2	4.8	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
OXEW1919	2/3/2023 8:41	47.6	28.1	0.0	24.3	-0.02	-0.06	-43.62	49.1	0.3	Valve Adjustment: No Change, Valve at minimum position
OXEW1919	2/24/2023 10:09	50.7	32.9	0.1	16.3	-0.17	-0.17	-45.43	40.8	0.4	Valve Adjustment: No Change, Valve at minimum position
OXEW1920	2/3/2023 8:34	16.4	20.8	3.7	59.1	-0.03	-0.03	-43.65	48.4	1.4	Valve Adjustment: No Change, Valve at minimum position
OXEW1920	2/21/2023 14:19	14.2	15.7	4.5	65.6	-0.92	-0.28	-40.21	50.2	0.7	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1921	2/3/2023 9:02	52.8	36.5	0.7	10.0	-40.31	-40.33	-42.91	109.0	31.5	Valve Adjustment: Opened valve 1/2 turn or less, Valve 80% open
OXEW1921	2/24/2023 9:38	51.5	36.3	1.2	11.0	-43.69	-43.42	-45.23	102.2	20.3	Valve Adjustment: Closed valve 1/2 turn or less, Valve 85% open
OXEW2001	2/3/2023 10:15	46.5	37.5	0.0	16.0	-2.65	-2.63	-39.37	116.8	11.1	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open
OXEW2001	2/24/2023 12:01	57.1	40.0	0.0	2.9	0.07	0.01	-41.34	125.3	18.2	Valve Adjustment: NSPSCAI, Opened valve 1/2 turn or less
OXEW2001	2/24/2023 12:03	57.3	41.3	0.6	0.8	-0.15	-0.38	-41.59	128.1	18.2	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open
OXEW2002	2/2/2023 10:14	56.9	43.1	0.0	0.0	-1.19	-3.96	-46.87	111.3	39.7	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open
OXEW2002	2/16/2023 9:46	56.3	42.1	0.0	1.6	-35.03	-38.05	-45.23	111.0	20.5	Valve Adjustment: Opened valve 1/2 turn or less, Valve 25% open
OXEW2003	2/2/2023 11:18	54.7	44.9	0.0	0.4	-0.27	-3.84	-47.41	92.4	12.9	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
OXEW2003	2/16/2023 12:53	53.8	45.0	0.0	1.2	-8.42	-8.15	-39.44	130.4	15.1	Valve Adjustment: Closed valve 1/2 turn or less, Valve 15% open
OXEW2003	2/28/2023 12:41	56.9	41.8	0.1	1.2	-0.21	-9.29	-46.85	100.8	28.8	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open
OXEW2003	2/28/2023 12:42	56.2	41.7	0.0	2.1	-16.89	-16.91	-46.75	118.9	23.7	Valve Adjustment: No Change
OXEW2004	2/2/2023 12:28	54.8	42.6	0.0	2.6	-32.54	-36.18	-50.25	127.8	56.7	Valve Adjustment: Opened valve 1/2 turn or less, Valve 70% open
OXEW2004	2/16/2023 12:14	54.2	40.6	0.0	5.2	-32.88	-33.04	-40.69	127.5	53.8	Valve Adjustment: Opened valve 1/2 turn or less, Valve 85% open
OXEW2004	2/28/2023 12:57	52.0	39.5	0.2	8.3	-38.12	-38.11	-46.86	127.0	64.1	Valve Adjustment: No Change, Valve 85% open
OXEW2005	2/2/2023 12:12	51.2	42.2	1.3	5.3	-3.54	-3.60	-44.70	110.3	3.0	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open
OXEW2005	2/24/2023 9:08	50.4	39.0	2.5	8.1	-4.19	-3.60	-44.79	77.3	1.8	Valve Adjustment: Closed valve 1/2 turn or less, Valve 15% open
OXEW2007	2/3/2023 8:56	59.5	37.7	0.1	2.7	-20.15	-24.22	-42.41	75.6	12.1	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
OXEW2007	2/24/2023 9:43	59.0	37.2	0.1	3.7	-30.14	-36.35	-44.50	86.2	11.5	Valve Adjustment: Opened valve 1/2 turn or less, Valve 25% open
OXEW2008	2/3/2023 9:11	59.4	34.9	0.0	5.7	-42.79	-42.92	-43.00	52.3	4.4	Valve Adjustment: Opened valve 1/2 turn or less, Valve 70% open
OXEW2008	2/3/2023 9:17	63.5	33.0	0.0	3.5	-42.92	-42.94	-42.91	54.5	4.5	Valve Adjustment: Opened valve 1/2 turn or less, Valve 80% open
OXEW2008	2/24/2023 9:48	64.6	35.3	0.1	0.0	-44.28	-44.37	-44.73	46.5	6.4	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW2009	2/3/2023 11:17	57.2	38.5	0.2	4.1	-43.01	-43.04	-43.30	97.4	15.1	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW2009	2/24/2023 12:31	56.9	39.5	0.4	3.2	-43.20	-43.23	-43.52	95.7	14.3	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW2010	2/3/2023 11:06	57.1	36.3	0.7	5.9	-2.13	-12.30	-42.98	58.5	8.1	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less

OXEW2010	2/24/2023 12:25	46.9	35.7	3.9	13.5	-28.84	-28.62	-43.81	59.0	7.2	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW2011	2/3/2023 9:56	27.0	28.8	0.6	43.6	-21.31	-17.57	-43.11	78.6	5.2	Valve Adjustment: Closed valve 1/2 turn or less, Valve 5% open
OXEW2011	2/24/2023 11:35	42.9	31.2	4.3	21.6	-9.32	-5.97	-45.20	61.3	2.9	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW2012	2/2/2023 10:25	54.4	42.6	1.1	1.9	-29.50	-36.01	-47.78	91.0	12.0	Valve Adjustment: Opened valve 1/2 turn or less, Valve 35% open
OXEW2012	2/2/2023 10:28	55.3	42.8	0.6	1.3	-36.84	-40.06	-47.52	93.5	15.8	Valve Adjustment: Opened valve 1/2 turn or less, Valve 40% open
OXEW2012	2/16/2023 9:28	53.3	39.8	0.3	6.6	-39.75	-40.41	-46.92	103.3	18.9	Valve Adjustment: Opened valve 1/2 turn or less, Valve 45% open
OXEW2016	2/3/2023 10:06	55.1	39.6	0.2	5.1	-5.01	-5.52	-41.97	127.7	15.8	Valve Adjustment: Opened valve 1/2 turn to 1 turn
OXEW2016	2/23/2023 9:28	57.3	42.6	0.1	0.0	-9.21	-9.27	-36.58	130.3	17.2	Valve Adjustment: Opened valve 1/2 turn or less
OXEW2017	2/3/2023 10:00	50.4	38.4	1.4	9.8	-13.14	-13.17	-44.00	124.0	61.9	Valve Adjustment: Opened valve 1/2 turn or less
OXEW2017	2/23/2023 9:19	54.0	41.1	0.6	4.3	-11.17	-11.34	-40.76	124.4	57.4	Valve Adjustment: Opened valve 1/2 turn or less
OXEW2019	2/1/2023 14:04	56.7	42.9	0.4	0.0	-18.74	-24.14	-24.61	63.2	3.9	Valve Adjustment: Opened valve 1/2 turn or less, Valve 5% open
OXEW2019	2/17/2023 11:07	55.5	40.5	1.4	2.6	-24.69	-24.62	-25.28	54.9	0.1	Valve Adjustment: Opened valve 1/2 turn or less
OXEW2020	2/14/2023 9:00	58.3	38.3	0.2	3.2	-0.31	-1.70	-37.84	108.9	8.7	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
OXEW2020	2/17/2023 11:21	57.3	41.1	0.2	1.4	-7.67	-10.07	-41.93	129.0	12.9	Valve Adjustment: Opened valve 1/2 turn to 1 turn, Valve 65% open
OXEW2021	2/17/2023 9:50	52.3	36.0	0.0	11.7	-17.02	-17.07	-23.23	106.7	8.7	Valve Adjustment: No Change, Valve 25% open
OXEW2021	2/21/2023 13:50	52.0	35.3	0.4	12.3	-29.55	-29.60	-44.82	107.4	12.3	Valve Adjustment: No Change, Valve 30% open
OXEW2022	2/17/2023 9:27	56.2	42.5	1.3	0.0	-24.17	-24.17	-24.55	122.0	2.8	Valve Adjustment: No Change, Valve 100% open
OXEW2022	2/22/2023 11:56	56.5	40.7	0.9	1.9	-36.56	-36.50	-37.57	121.4	4.5	Valve Adjustment: No Change, Valve 100% open
OXEW2023	2/3/2023 10:50	57.3	41.4	0.5	0.8	-37.53	-37.46	-38.30	124.6	11.2	Valve Adjustment: No Change, Valve 100% open
OXEW2023	2/22/2023 14:43	58.4	39.1	0.1	2.4	-33.68	-33.76	-34.39	123.5	8.3	Valve Adjustment: No Change, Valve 100% open
OXEW2024	2/3/2023 11:23	51.5	43.5	0.2	4.8	-11.34	-11.35	-40.64	116.2	53.9	Valve Adjustment: Opened valve 1/2 turn or less
OXEW2024	2/17/2023 10:22	55.1	36.7	0.2	8.0	-9.97	-10.62	-38.00	120.4	53.7	Valve Adjustment: Opened valve 1/2 turn or less
OXEW2026	2/1/2023 13:30	59.4	40.6	0.0	0.0	-37.50	-37.60	-37.13	79.2	16.2	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW2026	2/22/2023 13:00	52.4	36.6	1.4	9.6	-34.71	-34.59	-35.32	75.0	14.2	Valve Adjustment: No Change, Valve 100% open
OXEW2027	2/1/2023 13:54	61.0	38.6	0.4	0.0	-36.74	-37.04	-37.13	64.5	0.5	Valve Adjustment: Opened valve 1/2 turn or less, Valve 50% open
OXEW2027	2/1/2023 14:23	56.6	43.2	0.2	0.0	-36.38	-36.43	-36.44	66.0	1.2	Valve Adjustment: Opened valve 1/2 turn or less, Valve 55% open
OXEW2027	2/2/2023 8:26	61.2	38.1	0.7	0.0	-39.51	-39.88	-39.85	50.2	1.3	Valve Adjustment: Opened valve 1/2 turn or less, Valve 70% open
OXEW2027	2/2/2023 13:41	60.5	39.3	0.2	0.0	-37.55	-37.38	-37.81	68.8	0.7	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW2027	2/17/2023 11:11	58.4	37.6	0.4	3.6	-36.69	-36.61	-37.07	58.3	0.8	Valve Adjustment: No Change, Valve 100% open
OXEW2028	2/1/2023 13:26	57.0	41.5	0.2	1.3	-33.36	-35.56	-37.43	66.8	7.2	Valve Adjustment: Opened valve 1/2 turn or less, Valve 50% open
OXEW2028	2/22/2023 12:56	53.3	36.6	0.7	9.4	-34.83	-34.87	-35.20	48.6	0.4	Valve Adjustment: No Change, Valve 50% open
OXEW2029	2/17/2023 12:09	52.9	37.9	0.6	8.6	-2.67	-2.67	-26.29	120.2	15.1	Valve Adjustment: No Change, Valve 30% open
OXEW2029	2/22/2023 11:52	56.2	39.1	0.5	4.2	-2.60	-4.86	-39.24	118.7	14.4	Valve Adjustment: Opened valve 1/2 turn or less, Valve 40% open
OXEW2030	2/3/2023 10:28	53.6	40.1	3.8	2.5	-26.27	-26.30	-26.93	122.2	11.7	Valve Adjustment: No Change, Valve 100% open
OXEW2030	2/22/2023 14:36	58.5	40.1	0.1	1.3	-23.74	-23.73	-24.30	121.7	6.9	Valve Adjustment: No Change, Valve 100% open

OXEW2031	2/3/2023 10:22	53.5	39.9	1.1	5.5	-39.90	-39.72	-41.05	125.6	13.6	Valve Adjustment:No Change,Valve 100% open
OXEW2031	2/23/2023 9:34	55.0	42.4	0.7	1.9	-35.08	-35.35	-36.01	125.8	14.2	Valve Adjustment:No Change,Valve 100% open
OXEW2101	2/7/2023 10:12	52.4	38.9	0.1	8.6	-0.20	-0.20	-24.14	123.5	14.1	Valve Adjustment:No Change,Valve 15% open
OXEW2101	2/22/2023 10:54	52.8	41.5	0.0	5.7	-0.62	-0.74	-37.54	123.0	17.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2102	2/3/2023 11:36	57.9	41.1	0.2	0.8	-25.73	-25.68	-26.44	60.8	4.6	Valve Adjustment:No Change,Valve 100% open
OXEW2102	2/23/2023 9:44	57.4	42.3	0.3	0.0	-23.18	-23.03	-23.28	56.8	4.6	Valve Adjustment:No Change,Valve 100% open
OXEW2103	2/3/2023 11:27	55.6	42.2	0.5	1.7	-6.22	-6.64	-39.90	102.0	59.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2103	2/17/2023 10:26	55.2	38.0	0.8	6.0	-6.87	-7.05	-38.02	102.5	60.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2104	2/14/2023 10:41	56.3	39.1	0.4	4.2	-13.76	-14.67	-36.58	114.3	19.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2104	2/17/2023 10:18	57.5	36.6	0.2	5.7	-16.94	-18.36	-42.04	114.9	17.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2105	2/1/2023 14:08	58.7	41.3	0.0	0.0	-24.62	-24.68	-23.95	99.5	7.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2105	2/17/2023 10:39	56.9	40.6	0.2	2.3	-24.47	-24.67	-24.87	102.0	16.3	Valve Adjustment:No Change,Valve 100% open
OXEW2106	2/3/2023 9:08	54.3	38.9	0.8	6.0	-40.37	-40.35	-40.87	113.1	22.5	Valve Adjustment:No Change,Valve 100% open
OXEW2106	2/23/2023 9:05	55.7	41.6	0.4	2.3	-34.78	-34.66	-34.89	114.3	13.1	Valve Adjustment:No Change,Valve 100% open
OXEW2107	2/3/2023 10:22	55.8	41.1	0.0	3.1	-39.43	-40.12	-40.12	110.6	10.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW2107	2/24/2023 12:08	57.3	39.0	0.1	3.6	-39.66	-40.14	-41.07	109.0	14.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW2108	2/2/2023 10:02	56.2	40.4	0.0	3.4	-4.57	-7.87	-48.55	114.5	21.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2108	2/16/2023 9:17	54.6	40.2	0.0	5.2	-21.47	-25.00	-46.27	118.1	26.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2109	2/3/2023 10:05	42.0	36.6	0.0	21.4	-14.75	-10.68	-44.77	56.7	2.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2109	2/24/2023 11:40	56.6	37.8	0.1	5.5	-5.16	-8.42	-47.82	52.2	1.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2110	2/3/2023 10:38	53.2	40.4	1.4	5.0	-36.60	-36.89	-37.31	93.6	18.8	Valve Adjustment:No Change,Valve 100% open
OXEW2110	2/22/2023 14:30	55.4	28.8	0.3	15.5	-32.32	-32.40	-32.91	92.3	0.7	Valve Adjustment:No Change,Valve 100% open
OXEW2111	2/3/2023 9:41	53.1	41.5	0.3	5.1	-10.92	-11.09	-46.64	99.6	136.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2111	2/17/2023 10:48	55.9	39.7	0.1	4.3	-10.88	-11.19	-43.63	99.8	139.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2112	2/9/2023 10:49	55.5	41.1	0.0	3.4	-19.87	-19.51	-22.24	104.9	0.9	Valve Adjustment:No Change,Valve 100% open
OXEW2112	2/17/2023 10:59	56.3	40.2	0.3	3.2	-37.93	-37.77	-41.90	103.4	13.4	Valve Adjustment:No Change,Valve 100% open
OXEW2113	2/3/2023 9:36	55.3	40.0	1.0	3.7	-39.04	-39.53	-42.23	121.9	32.9	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXEW2113	2/17/2023 10:51	57.1	40.2	0.2	2.5	-38.47	-38.66	-40.92	122.7	29.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2207	2/14/2023 11:23	55.4	37.3	0.2	7.1	-20.54	-20.58	-24.68	113.1	117.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2207	2/17/2023 10:34	55.6	40.0	0.3	4.1	-21.12	-21.22	-25.02	114.4	111.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2208	2/3/2023 9:45	55.0	41.9	0.2	2.9	-13.34	-15.40	-40.55	121.6	207.8	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 35% open
OXEW2208	2/17/2023 10:45	51.6	39.2	0.1	9.1	-5.75	-6.00	-36.39	121.5	84.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2209	2/3/2023 11:32	57.5	42.1	0.4	0.0	-37.68	-37.68	-37.98	96.7	22.8	Valve Adjustment:No Change,Valve 100% open
OXEW2209	2/27/2023 8:18	57.5	32.8	0.2	9.5	-36.33	-35.74	-36.08	91.2	50.1	Valve Adjustment:No Change,Valve 100% open
OXEW2210	2/7/2023 12:34	59.3	38.6	0.5	1.6	-14.19	-14.23	-22.05	99.9	14.3	Valve Adjustment:No Change,Valve 15% open



OXEW2210	2/22/2023 12:23	56.3	40.7	0.7	2.3	-16.56	-17.99	-34.51	100.3	12.8	Valve Adjustment: Opened valve 1/2 turn or less, Valve 15% open
OXEW2211	2/3/2023 11:04	57.4	42.3	0.3	0.0	-35.26	-35.31	-35.90	123.8	10.0	Valve Adjustment: No Change, Valve 100% open
OXEW2211	2/22/2023 14:18	59.2	36.9	0.1	3.8	-30.96	-31.11	-31.79	123.0	8.0	Valve Adjustment: No Change, Valve 100% open
OXEW2212	2/3/2023 11:18	55.9	43.5	0.0	0.6	-1.12	-1.19	-40.65	110.2	19.3	Valve Adjustment: Opened valve 1/2 turn or less
OXEW2212	2/17/2023 10:29	58.0	37.3	0.0	4.7	-1.20	-1.35	-38.97	109.8	22.2	Valve Adjustment: Opened valve 1/2 turn or less
OXEW2213	2/1/2023 13:19	59.3	40.6	0.1	0.0	-33.35	-33.30	-37.98	108.2	26.6	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW2213	2/22/2023 12:52	52.6	40.0	0.8	6.6	-30.43	-30.42	-35.77	108.3	20.8	Valve Adjustment: No Change
OXEW2214	2/14/2023 11:37	59.6	35.1	0.0	5.3	-0.09	-5.04	-41.56	87.7	10.3	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
OXEW2214	2/22/2023 10:14	40.6	31.5	0.1	27.8	-7.13	-5.54	-38.91	99.4	51.2	Valve Adjustment: Closed valve 1/2 turn or less, Valve 25% open
OXEWHC6A**	2/2/2023 11:00	56.2	43.5	0.0	0.3	-0.01	-0.17	-46.93	57.7	0.6	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEWHC6A**	2/24/2023 10:31	0.6	1.2	22.0	76.2	-0.18	-0.17	-47.58	41.3	0.0	Valve Adjustment: NSFS/CAI, Valve at minimum position, Closed valve 1/2 turn or less
OXEWHC6A**	2/24/2023 10:32	0.6	1.0	21.9	76.5	-0.17	-0.16	-47.68	41.5	0.2	Valve Adjustment: NSPS
OXHC1922	2/3/2023 9:32	55.5	39.6	0.9	4.0	-0.41	-0.46	-40.15	50.5	12.7	Valve Adjustment: Opened valve 1/2 turn or less
OXHC1922	2/27/2023 10:01	52.4	35.3	0.9	11.4	-0.40	-0.39	-39.18	41.0	11.6	Valve Adjustment: No Change, Valve 30% open
OXHC2000	2/19/2023 12:40	59.8	40.2	0.0	0.0	-5.11	-5.09	-24.73	78.4	111.8	Valve Adjustment: No Change, Valve 100% open
OXHC2000	2/22/2023 14:06	60.4	38.3	0.1	1.2	-11.25	-11.28	-37.51	64.0	130.6	Valve Adjustment: No Change, Valve 100% open
OXHC2001	2/19/2023 12:37	55.0	40.5	0.1	4.4	-3.81	-4.69	-23.31	72.9	101.0	Valve Adjustment: No Change, Valve 100% open
OXHC2001	2/22/2023 14:03	55.9	34.3	0.2	9.6	-11.30	-11.10	-36.29	64.0	114.3	Valve Adjustment: No Change, Valve 95% open
OXHC2013	2/14/2023 8:58	30.9	27.4	4.4	37.3	-17.39	-1.16	-37.13	40.3	27.8	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXHC2013	2/27/2023 9:37	58.1	40.4	0.4	1.1	-18.87	-18.74	-44.77	40.6	28.5	Valve Adjustment: No Change
OXHC2014	2/19/2023 10:45	53.4	44.9	1.2	0.5	-2.16	-2.53	-21.60	87.9	16.1	Valve Adjustment: No Change, Valve 55% open
OXHC2014	2/17/2023 10:54	48.5	37.2	1.0	13.3	-6.24	-5.87	-53.24	88.7	97.2	Valve Adjustment: Closed valve 1/2 turn or less
OXHC2015	2/3/2023 8:06	58.9	38.9	0.0	2.2	-3.30	-3.51	-46.50	48.4	30.2	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
OXHC2015	2/16/2023 8:50	56.7	37.3	0.2	5.8	-3.49	-6.05	-48.57	48.2	35.3	Valve Adjustment: Opened valve 1/2 turn or less, Valve 40% open
OXHC2101	2/14/2023 9:40	48.4	37.8	0.1	13.7	-0.42	-0.26	-37.82	81.5	14.6	Valve Adjustment: Closed valve 1/2 turn or less
OXHC2101	2/22/2023 13:40	54.7	30.0	0.2	15.1	-0.12	-0.11	-35.97	75.7	21.3	Valve Adjustment: No Change, Valve 5% open
OXLCRA41	2/3/2023 8:10	59.0	38.6	0.0	2.4	-38.16	-40.60	-46.77	51.0	38.0	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
OXLCRA41	2/16/2023 8:58	58.4	31.4	0.3	9.9	-41.43	-42.59	-47.38	50.1	18.5	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
OXLCRA41	2/3/2023 8:14	55.8	36.4	1.0	6.8	-0.24	-0.26	-47.07	48.4	14.7	Valve Adjustment: No Change, Valve at minimum position
OXLCRA41	2/16/2023 9:03	57.8	37.4	0.9	3.9	-0.02	-0.19	-47.18	49.7	13.8	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXLCRS07	2/19/2023 12:46	60.4	39.6	0.0	0.0	-9.47	-9.35	-23.86	73.9	92.0	Valve Adjustment: No Change, Valve at minimum position
OXLCRS07	2/22/2023 14:12	58.4	37.7	3.9	0.0	-0.43	-0.49	-38.48	55.6	4.8	Valve Adjustment: No Change, Valve at minimum position
OXLCRS10	2/19/2023 12:21	56.9	29.7	0.3	13.1	-3.33	-3.34	-20.70	87.0	31.4	Valve Adjustment: No Change, Valve 100% open
OXLCRS10	2/22/2023 13:43	56.4	35.9	0.1	7.6	-9.32	-9.16	-33.25	85.6	36.3	Valve Adjustment: No Change, Valve 95% open
OXLCRS11	2/19/2023 12:23	59.7	39.9	0.0	0.4	-1.35	-1.34	-25.72	85.7	22.7	Valve Adjustment: No Change, Valve 50% open

OXLRS11	2/22/2023 13:47	59.2	39.8	0.0	1.0	-2.41	-3.39	-42.94	84.8	28.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXLRS3A	2/7/2023 8:28	58.1	41.9	0.0	0.0	-21.78	-21.67	-26.17	93.5	77.6	Valve Adjustment:No Change,Valve 100% open
OXLRS3A	2/21/2023 11:41	58.7	38.9	1.5	0.9	-33.93	-34.43	-38.68	91.5	113.3	Valve Adjustment:No Change,Valve 100% open
OXLRS3B	2/7/2023 8:26	53.4	38.4	0.0	8.2	-21.51	-21.50	-26.55	94.1	98.5	Valve Adjustment:No Change,Valve 100% open
OXLRS3B	2/17/2023 9:11	59.4	40.6	0.0	0.0	-30.06	-29.11	-37.95	91.6	150.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS3B	2/17/2023 9:15	59.4	40.6	0.0	0.0	-28.70	-27.36	-36.89	91.2	150.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS7B	2/9/2023 12:48	60.8	39.0	0.2	0.0	-9.46	-9.42	-24.30	78.1	29.5	Valve Adjustment:No Change,Valve 20% open
OXLRS7B	2/22/2023 10:05	55.2	35.3	3.6	5.9	-9.54	-10.52	-38.34	68.2	5.2	Valve Adjustment:No Change,Valve 20% open
OXLRS9A	2/9/2023 10:43	52.7	45.0	0.3	2.0	-0.41	-0.40	-21.98	80.7	29.5	Valve Adjustment:No Change,Valve 15% open
OXLRS9A	2/27/2023 9:57	50.1	36.8	4.8	8.3	-0.51	-0.47	-44.11	76.3	28.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXLRS9B	2/9/2023 10:40	50.9	38.4	0.2	10.5	-0.20	-0.20	-21.93	69.6	8.5	Valve Adjustment:No Change,Valve at minimum position
OXLRS9B	2/27/2023 9:55	56.2	39.7	2.0	2.1	-0.32	-0.32	-43.91	59.8	20.6	Valve Adjustment:No Change,Valve at minimum position
OXME302D	2/14/2023 10:05	59.5	40.5	0.0	0.0	-2.29	-7.05	-41.49	108.3	17.5	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXME302D	2/22/2023 10:24	38.5	31.6	1.6	28.3	-0.06	-0.06	-38.57	111.4	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME306D	2/6/2023 12:26	39.3	33.8	0.7	26.2	-10.34	-10.28	-28.57	118.6	1.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXME306D	2/21/2023 13:32	37.2	33.4	0.8	28.6	-11.97	-9.89	-43.65	118.7	2.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXME312D	2/7/2023 11:59	45.3	34.8	0.1	19.8	-0.80	-0.80	-25.44	82.0	0.0	Valve Adjustment:No Change
OXME312D	2/22/2023 11:11	52.8	39.3	0.8	7.1	-1.28	-1.28	-36.86	80.0	5.8	Valve Adjustment:No Change
OXME316D	2/8/2023 12:33	59.0	39.0	0.5	1.5	-20.55	-20.54	-21.42	125.9	18.7	Valve Adjustment:No Change,Valve 100% open
OXME316D	2/23/2023 12:51	58.4	39.7	0.1	1.8	-35.88	-35.75	-38.12	125.9	28.4	Valve Adjustment:No Change,Valve 100% open
OXME317D	2/8/2023 12:39	58.9	40.1	0.2	0.8	-21.97	-21.98	-22.03	73.7	12.2	Valve Adjustment:No Change
OXME317D	2/23/2023 12:46	59.3	37.7	0.5	2.5	-40.18	-40.11	-40.50	62.2	0.0	Valve Adjustment:No Change
OXMEW113	2/13/2023 12:41	55.0	32.0	1.8	11.2	-25.99	-28.10	-40.80	66.9	0.0	Valve Adjustment:No Change
OXMEW113	2/23/2023 9:21	47.5	39.0	0.6	12.9	-12.96	-15.96	-38.06	64.6	0.0	Valve Adjustment:No Change
OXMEW122	2/14/2023 8:17	56.8	37.2	0.7	5.3	-41.46	-41.60	-41.67	44.0	13.6	Valve Adjustment:No Change,Valve 100% open
OXMEW122	2/21/2023 11:30	58.1	37.2	1.0	3.7	-39.49	-39.52	-39.77	65.3	7.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW126	2/8/2023 10:14	55.3	42.2	0.3	2.2	-19.61	-19.65	-22.08	57.2	112.7	Valve Adjustment:No Change,Valve 100% open
OXMEW126	2/23/2023 9:52	51.6	41.1	3.9	3.4	-2.98	-3.55	-37.03	45.6	115.0	Valve Adjustment:No Change
OXMEW138	2/7/2023 8:23	37.9	35.0	0.1	27.0	-4.96	-4.67	-26.04	52.8	3.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW138	2/17/2023 9:05	41.7	36.0	0.2	22.1	-5.82	-5.79	-36.47	62.7	4.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW145	2/8/2023 9:17	50.4	38.1	3.6	7.9	-24.04	-24.07	-24.60	91.3	10.8	Valve Adjustment:No Change,Valve 100% open
OXMEW145	2/23/2023 8:58	51.5	38.5	2.5	7.5	-35.84	-35.84	-36.60	90.5	4.7	Valve Adjustment:No Change,Valve 100% open
OXMEW156	2/2/2023 11:03	55.4	44.3	0.3	0.0	-4.30	-9.54	-46.89	56.5	0.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW156	2/16/2023 10:09	55.8	40.2	0.5	3.5	-21.56	-24.21	-44.98	56.6	2.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW158	2/8/2023 13:34	51.1	33.1	0.3	15.5	-20.92	-20.95	-24.61	68.8	0.0	Valve Adjustment:No Change,Valve at minimum position

OXMEW158	2/23/2023 10:02	55.7	44.1	0.2	0.0	-29.08	-29.10	-37.84	55.6	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW159	2/8/2023 13:36	56.5	40.8	0.0	2.7	-1.99	-2.00	-24.34	65.7	0.3	Valve Adjustment:No Change,Valve at minimum position
OXMEW159	2/23/2023 9:59	58.2	41.5	0.0	0.3	-3.48	-3.49	-37.72	52.6	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEW162	2/6/2023 11:35	50.9	29.5	2.4	17.2	-27.35	-27.58	-28.85	65.8	5.7	Valve Adjustment:No Change
OXMEW162	2/17/2023 11:22	59.2	35.6	1.2	4.0	-39.93	-39.69	-41.15	64.5	4.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	2/2/2023 13:29	53.3	29.5	3.5	13.7	-40.04	-40.02	-42.55	67.4	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEW170	2/24/2023 10:17	62.3	34.1	0.1	3.5	-17.60	-26.60	-45.01	41.3	0.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW173	2/2/2023 12:43	57.0	40.3	0.0	2.7	-2.26	-3.48	-46.95	82.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW173	2/16/2023 12:45	50.0	36.2	0.0	13.8	-3.53	-3.52	-39.45	99.3	37.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	2/28/2023 13:07	46.6	33.4	0.0	20.0	-4.57	-4.30	-46.58	95.4	21.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	2/28/2023 13:12	47.0	35.5	0.0	17.5	-3.99	-3.99	-46.86	93.2	49.7	Valve Adjustment:No Change
OXMEW174	2/2/2023 11:06	55.1	43.3	0.4	1.2	-2.98	-6.66	-46.71	54.5	3.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW174	2/16/2023 10:12	48.1	39.4	0.4	12.1	-12.13	-11.53	-44.64	55.1	10.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	2/2/2023 10:57	57.4	42.6	0.0	0.0	-26.13	-30.34	-47.39	53.5	3.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	2/16/2023 10:02	57.8	40.5	0.0	1.7	-25.31	-29.01	-44.64	56.7	4.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW176	2/3/2023 12:30	53.6	37.6	0.2	8.6	-26.10	-26.82	-42.12	109.5	54.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW176	2/27/2023 8:51	51.4	38.1	0.3	10.2	-21.83	-22.03	-40.15	107.4	49.6	Valve Adjustment:No Change
OXMEW181	2/9/2023 11:06	58.3	40.8	0.0	0.9	-15.84	-15.87	-23.11	112.7	26.1	Valve Adjustment:No Change
OXMEW181	2/23/2023 11:09	53.6	36.4	0.0	10.0	-21.82	-22.75	-36.86	112.8	63.7	Valve Adjustment:No Change
OXMEW182	2/8/2023 12:51	47.2	35.2	3.7	13.9	-20.72	-20.78	-23.54	118.0	11.6	Valve Adjustment:No Change
OXMEW182	2/23/2023 11:42	50.1	39.0	2.6	8.3	-33.21	-33.21	-38.57	117.2	31.4	Valve Adjustment:No Change
OXMEW183	2/13/2023 13:48	54.3	42.1	0.1	3.5	-5.52	-6.85	-39.58	116.0	40.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW183	2/23/2023 12:34	49.9	38.8	0.0	11.3	-7.59	-7.66	-40.27	115.5	44.0	Valve Adjustment:No Change
OXMEW184	2/13/2023 12:57	45.3	34.5	1.7	18.5	-0.52	-0.49	-40.35	117.4	20.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	2/23/2023 12:29	40.2	37.6	0.0	22.2	-0.56	-0.52	-37.59	116.6	22.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	2/13/2023 13:12	56.2	43.8	0.0	0.0	-0.08	-0.31	-40.42	115.9	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	2/23/2023 12:24	49.0	40.0	0.4	10.6	-0.65	-0.66	-38.19	117.1	18.5	Valve Adjustment:No Change
OXMEW186	2/14/2023 10:23	56.1	40.0	3.9	0.0	-1.55	-1.58	-39.40	50.3	1.0	Valve Adjustment:No Change,Valve 5% open
OXMEW186	2/23/2023 11:56	52.2	35.8	1.8	10.2	-1.43	-1.42	-38.82	75.9	5.0	Valve Adjustment:No Change,Valve 15% open
OXMEW186	2/23/2023 11:59	51.9	41.4	2.6	4.1	-1.35	-0.91	-38.59	67.6	5.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW187	2/13/2023 13:41	53.7	44.1	0.1	2.1	-0.20	-1.08	-40.45	114.9	33.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW187	2/23/2023 12:05	39.6	36.4	0.1	23.9	-2.27	-2.26	-38.66	115.9	22.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	2/7/2023 10:20	52.1	40.7	0.0	7.2	-0.54	-0.54	-24.19	110.4	8.9	Valve Adjustment:No Change
OXMEW188	2/23/2023 12:17	51.1	41.8	0.0	7.1	-1.34	-1.34	-39.70	111.1	0.0	Valve Adjustment:No Change
OXMEW189	2/7/2023 10:15	49.1	41.5	0.6	8.8	-4.07	-4.07	-22.87	118.9	22.6	Valve Adjustment:No Change

OXMEW189	2/22/2023 10:57	50.7	41.6	1.5	6.2	-5.66	-5.64	-36.24	83.0	28.9	Valve Adjustment:No Change
OXMEW190	2/7/2023 12:05	52.1	36.1	0.1	11.7	-12.18	-12.17	-24.78	123.6	29.8	Valve Adjustment:No Change
OXMEW190	2/22/2023 11:46	54.6	37.8	0.2	7.4	-15.92	-16.79	-35.86	122.7	37.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXMEW191	2/2/2023 12:36	52.2	40.7	0.0	7.1	-4.86	-5.27	-46.60	119.7	39.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW191	2/16/2023 12:05	50.3	39.4	0.0	10.3	-7.77	-7.75	-39.47	119.8	20.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW191	2/28/2023 12:53	49.4	37.4	0.0	13.2	-6.49	-6.47	-47.05	120.8	20.8	Valve Adjustment:No Change
OXMEW192	2/2/2023 10:35	57.1	42.9	0.0	0.0	-8.42	-11.12	-47.67	69.6	6.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW192	2/16/2023 9:33	51.7	40.3	0.0	8.0	-19.12	-19.15	-45.99	79.5	7.8	Valve Adjustment:No Change,Valve 20% open
OXMEW194	2/9/2023 11:15	56.0	39.2	0.2	4.6	-23.65	-23.58	-23.84	80.6	7.1	Valve Adjustment:No Change
OXMEW194	2/23/2023 11:26	58.7	40.9	0.2	0.2	-37.65	-37.65	-38.22	78.7	12.3	Valve Adjustment:No Change
OXMEW196	2/8/2023 12:56	45.3	32.5	3.9	18.3	-4.15	-4.14	-23.20	74.1	4.1	Valve Adjustment:No Change
OXMEW196	2/27/2023 11:05	56.0	37.1	0.2	6.7	-21.67	-21.70	-41.71	90.4	34.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW199	2/7/2023 11:47	52.6	28.4	0.2	18.8	-6.05	-6.06	-26.12	122.4	26.3	Valve Adjustment:No Change
OXMEW199	2/23/2023 11:52	53.3	36.1	0.2	10.4	-7.59	-7.66	-37.54	122.3	28.2	Valve Adjustment:No Change
OXMEW200	2/7/2023 10:36	52.5	39.7	0.0	7.8	-0.02	-0.02	-24.19	109.9	7.2	Valve Adjustment:No Change
OXMEW200	2/23/2023 12:08	52.0	41.1	0.0	6.9	-0.27	-0.29	-40.72	112.8	28.3	Valve Adjustment:No Change
OXMEW201	2/7/2023 10:27	50.2	40.9	0.0	8.9	-0.14	-0.14	-23.47	88.2	32.2	Valve Adjustment:No Change
OXMEW201	2/23/2023 12:22	49.4	40.9	0.0	9.7	-0.21	-0.21	-39.16	88.3	27.3	Valve Adjustment:No Change
OXMEW203	2/8/2023 9:50	36.6	27.8	1.7	33.9	-19.92	-19.91	-23.62	77.8	16.3	Valve Adjustment:No Change,Valve 25% open
OXMEW203	2/23/2023 9:26	38.1	34.0	0.4	27.5	-32.98	-29.07	-38.42	71.5	20.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXMEW204	2/7/2023 8:44	53.6	37.8	0.0	8.6	-0.22	-0.22	-25.32	89.8	1.8	Valve Adjustment:No Change,Valve at minimum position
OXMEW204	2/17/2023 9:43	57.9	37.2	0.1	4.8	-1.16	-8.95	-38.84	87.2	2.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEW205	2/13/2023 13:35	54.7	42.0	0.2	3.1	-0.03	-0.55	-40.24	98.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXMEW205	2/22/2023 11:03	31.4	36.4	0.0	32.2	-1.26	-0.54	-36.42	125.1	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW209	2/7/2023 9:21	57.3	41.5	0.0	1.2	-2.87	-2.87	-25.12	130.2	10.7	Valve Adjustment:No Change,Valve 25% open
OXMEW209	2/22/2023 10:43	58.0	41.9	0.0	0.1	-4.31	-4.80	-38.14	129.0	3.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEW210	2/6/2023 12:21	54.6	33.9	0.4	11.1	-26.78	-26.81	-28.35	125.7	2.4	Valve Adjustment:No Change,Valve 100% open
OXMEW210	2/21/2023 13:24	57.8	37.2	0.2	4.8	-39.75	-40.39	-43.11	125.9	2.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW300	2/14/2023 9:22	61.0	34.9	0.2	3.9	-0.25	-1.11	-37.13	100.2	28.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW300	2/21/2023 13:46	60.0	36.1	0.5	3.4	-6.96	-11.46	-43.78	95.8	7.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEW302	2/7/2023 9:56	36.2	31.4	0.0	32.4	-2.87	-2.87	-22.90	99.3	4.5	Valve Adjustment:No Change
OXMEW302	2/22/2023 10:26	34.9	27.6	4.3	33.2	-3.00	-2.99	-38.51	97.8	42.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	2/6/2023 12:28	29.1	29.6	0.2	41.1	-8.43	-8.42	-25.99	70.1	2.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	2/21/2023 13:35	33.3	30.4	0.1	36.2	-7.75	-7.75	-43.54	64.9	3.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	2/8/2023 9:11	59.2	40.7	0.1	0.0	-25.16	-25.14	-25.41	82.2	0.3	Valve Adjustment:No Change,Valve 100% open

OXMEW307	2/23/2023 8:53	60.0	40.0	0.0	0.0	-36.34	-36.29	-36.67	73.7	1.7	Valve Adjustment:No Change,Valve 100% open
OXMEW309	2/7/2023 8:18	50.6	39.6	0.2	9.6	-15.68	-15.63	-24.79	128.1	32.9	Valve Adjustment:No Change
OXMEW309	2/22/2023 10:39	52.9	37.5	0.2	9.4	-19.88	-19.93	-37.34	128.1	45.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW310	2/9/2023 10:15	55.9	40.2	0.0	3.9	-4.57	-4.56	-21.36	108.9	16.0	Valve Adjustment:No Change
OXMEW310	2/23/2023 10:24	53.5	43.7	0.1	2.7	-6.00	-6.11	-35.08	113.5	39.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	2/6/2023 12:37	50.0	37.0	0.1	12.9	-15.83	-15.84	-27.72	116.4	20.0	Valve Adjustment:No Change
OXMEW311	2/17/2023 10:20	55.2	38.2	0.0	6.6	-20.25	-24.94	-40.61	117.2	22.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	2/7/2023 11:55	54.1	34.0	0.3	11.6	-3.69	-3.70	-25.93	75.2	10.8	Valve Adjustment:No Change
OXMEW312	2/22/2023 11:08	52.1	39.0	0.2	8.7	-4.60	-4.60	-36.96	55.2	12.4	Valve Adjustment:No Change
OXMEW315	2/7/2023 9:41	54.2	39.9	0.0	5.9	-21.57	-21.51	-21.97	117.9	2.4	Valve Adjustment:No Change,Valve 70% open
OXMEW315	2/22/2023 12:40	53.4	40.2	0.0	6.4	-35.56	-35.05	-37.31	118.4	19.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXMEW316	2/8/2023 12:30	60.9	37.9	0.0	1.2	-21.23	-21.02	-22.60	80.1	7.2	Valve Adjustment:No Change
OXMEW316	2/23/2023 12:54	59.0	40.6	0.1	0.3	-37.56	-37.56	-40.35	82.3	5.4	Valve Adjustment:No Change
OXMEW317	2/8/2023 12:37	60.4	38.9	0.2	0.5	-22.05	-21.99	-22.04	102.6	11.8	Valve Adjustment:No Change
OXMEW317	2/23/2023 12:49	58.0	40.1	0.3	1.6	-40.47	-40.38	-40.51	103.3	13.6	Valve Adjustment:No Change
OXMEW318	2/8/2023 12:47	54.2	38.3	0.0	7.5	-1.62	-1.61	-23.28	108.5	7.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	2/23/2023 11:37	51.5	37.5	0.0	11.0	-3.24	-3.23	-38.50	108.2	37.7	Valve Adjustment:No Change
OXMEW319	2/9/2023 10:07	54.7	38.0	0.2	7.1	-6.33	-6.33	-21.43	102.6	8.7	Valve Adjustment:No Change
OXMEW319	2/23/2023 10:28	50.2	42.8	0.3	6.7	-10.88	-10.67	-36.18	103.7	48.9	Valve Adjustment:No Change
OXMEW320	2/7/2023 12:16	57.8	38.3	0.2	3.7	-24.91	-24.90	-24.99	119.8	10.4	Valve Adjustment:No Change
OXMEW320	2/22/2023 11:42	53.2	28.1	0.6	18.1	-36.15	-36.16	-36.35	120.0	12.7	Valve Adjustment:No Change
OXMEW322	2/8/2023 12:26	58.5	37.7	0.4	3.4	-23.42	-23.29	-23.79	115.3	16.9	Valve Adjustment:No Change,Valve 100% open,Opened valve 1/2 turn or less
OXMEW322	2/23/2023 12:57	58.3	40.6	0.2	0.9	-41.57	-41.63	-42.95	116.1	20.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW323	2/9/2023 9:10	60.3	39.4	0.3	0.0	-21.46	-21.46	-22.46	108.6	9.6	Valve Adjustment:No Change
OXMEW323	2/23/2023 11:13	51.0	41.5	0.7	6.8	-35.01	-35.01	-35.84	111.7	27.1	Valve Adjustment:No Change,Valve 100% open
OXMEW328	2/3/2023 9:26	55.0	40.1	1.1	3.8	-28.87	-29.57	-35.48	118.3	0.0	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXMEW328	2/23/2023 9:15	56.8	41.7	0.4	1.1	-25.57	-26.34	-29.41	111.4	11.6	Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	2/8/2023 10:09	57.6	41.1	0.1	1.2	-22.08	-22.08	-22.30	65.4	N/A	Valve Adjustment:No Change
OXMEWHC1	2/23/2023 9:46	56.6	36.8	0.1	6.5	-37.60	-37.62	-37.67	43.4	N/A	Valve Adjustment:No Change
OXMEWW05	2/3/2023 11:21	57.4	41.1	0.0	1.5	-45.51	-45.56	-45.76	101.7	12.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEWW05	2/24/2023 12:36	57.0	41.6	0.1	1.3	-46.82	-46.77	-46.94	101.2	11.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEWW06	2/3/2023 12:22	57.2	40.2	0.1	2.5	-45.25	-45.66	-45.44	80.0	16.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEWW06	2/27/2023 8:45	56.3	38.6	0.2	4.9	-42.11	-42.11	-42.15	69.0	4.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	2/2/2023 10:05	55.6	43.6	0.3	0.5	-0.91	-0.92	-47.31	54.6	4.4	Valve Adjustment:No Change,Valve at minimum position
OXMEWW08	2/16/2023 9:21	47.0	37.0	3.8	12.2	-6.97	-6.94	-45.18	55.8	3.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXMEWW17	2/3/2023 12:52	48.5	35.7	3.4	12.4	-39.51	-39.49	-39.86	52.0	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW17	2/27/2023 9:34	57.5	39.7	0.5	2.3	-41.69	-41.69	-41.92	42.7	2.1	Valve Adjustment:No Change
OXMEWW18	2/3/2023 13:08	48.6	36.0	3.2	12.2	-0.13	-0.13	-38.38	53.3	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEWW18	2/27/2023 9:41	50.0	36.1	0.8	13.1	-0.03	-0.02	-44.57	40.2	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1G	2/3/2023 11:13	56.2	38.4	0.1	5.3	-34.60	-39.17	-43.22	66.2	4.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEWW1G	2/24/2023 12:28	53.3	35.4	0.3	11.0	-40.76	-40.79	-43.33	67.4	4.0	Valve Adjustment:No Change,Valve 20% open
OXMEWW1I	2/3/2023 11:25	55.6	34.4	0.8	9.2	-43.45	-43.46	-43.70	51.4	0.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1I	2/24/2023 12:41	56.1	37.8	0.6	5.5	-44.83	-44.85	-45.13	51.2	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1J	2/3/2023 11:27	52.0	32.9	0.1	15.0	-6.15	-6.16	-43.99	64.5	5.2	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1J	2/24/2023 12:44	55.1	36.6	0.0	8.3	-6.06	-9.64	-45.49	65.2	5.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1K	2/3/2023 11:30	55.5	37.2	0.5	6.8	-45.63	-45.40	-45.84	52.9	4.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1K	2/27/2023 8:41	53.3	38.1	0.8	7.8	-42.30	-42.72	-42.42	43.9	6.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	2/3/2023 12:43	52.9	32.0	3.2	11.9	-38.76	-38.80	-39.62	66.8	0.0	Valve Adjustment:No Change
OXMEWW1S	2/27/2023 9:07	59.4	38.5	0.0	2.1	-39.58	-39.41	-40.45	64.3	27.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	2/14/2023 8:09	51.1	38.8	1.9	8.2	-43.27	-43.28	-43.84	47.9	20.5	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	2/21/2023 11:20	53.9	38.7	0.4	7.0	-44.41	-44.63	-44.94	66.3	4.5	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	2/14/2023 8:06	48.5	41.0	2.4	8.1	-42.35	-42.37	-42.79	40.5	0.0	Valve Adjustment:No Change
OXMHCF04	2/21/2023 11:17	47.6	37.3	3.7	11.4	-43.97	-44.34	-44.18	60.8	1.8	Valve Adjustment:No Change
OXMPEW30	2/3/2023 9:46	58.4	38.0	0.0	3.6	-44.74	-44.72	-44.67	47.7	2.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXMPEW30	2/24/2023 11:26	57.6	35.0	0.2	7.2	-46.54	-46.33	-46.66	47.6	1.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXMPEW31	2/3/2023 10:32	56.6	39.0	0.0	4.4	-44.39	-44.48	-44.61	54.6	5.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW31	2/24/2023 12:13	57.0	39.8	0.2	3.0	-44.61	-44.63	-45.06	53.3	13.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW32	2/2/2023 10:48	58.7	41.3	0.0	0.0	-45.62	-46.25	-46.98	54.8	6.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMPEW32	2/16/2023 9:53	58.5	40.5	0.2	0.8	-43.80	-43.85	-45.03	56.4	0.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMPEW33	2/2/2023 10:41	57.2	42.8	0.0	0.0	-7.97	-13.04	-48.00	72.4	6.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMPEW33	2/16/2023 9:39	56.7	41.0	0.0	2.3	-13.50	-19.10	-46.05	76.6	13.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMPEW35	2/3/2023 10:10	55.2	41.5	0.0	3.3	-14.88	-18.00	-41.35	123.7	29.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW35	2/24/2023 11:45	56.2	40.3	0.1	3.4	-28.86	-31.80	-43.95	123.6	20.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW44	2/3/2023 12:47	49.8	35.1	3.3	11.8	-39.33	-39.26	-39.81	55.7	15.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	2/27/2023 9:30	53.4	35.8	0.2	10.6	-41.64	-41.61	-41.83	47.0	5.3	Valve Adjustment:No Change,Valve 100% open
OXSS2033	2/9/2023 12:33	56.6	41.5	0.6	1.3	-0.16	-0.69	-18.10	72.8	14.2	Valve Adjustment:No Change,Valve at minimum position
OXSS2033	2/22/2023 13:59	52.9	35.0	3.4	8.7	-0.03	-0.03	-33.84	61.8	15.4	Valve Adjustment:No Change,Valve at minimum position
OXSS2034	2/9/2023 12:27	58.2	41.6	0.2	0.0	-17.14	-17.21	-21.21	86.5	1.2	Valve Adjustment:No Change,Valve 100% open
OXSS2034	2/22/2023 13:53	57.4	40.3	2.3	0.0	-30.87	-30.85	-34.58	64.9	5.4	Valve Adjustment:No Change,Valve 100% open
OXSS2215	2/3/2023 10:55	55.1	39.7	0.6	4.6	-0.57	-0.60	-38.52	69.4	13.2	Valve Adjustment:Opened valve 1/2 turn or less

Well ID	Date	46.0	33.4	2.2	18.4	-0.66	-33.44	71.2	14.5	Valve Adjustment: No Change, Valve 20% open
OXSS2215	2/22/2023 14:26	46.0	33.4	2.2	18.4	-0.66	-33.44	71.2	14.5	Valve Adjustment: No Change, Valve 20% open
OXSS2216	2/14/2023 9:14	47.9	35.4	3.8	12.9	-1.25	-36.13	50.9	1.8	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXSS2216	2/17/2023 10:57	46.7	36.4	2.8	14.1	-0.73	-41.34	57.8	0.3	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less

\* - Oxygen is only required to be monitored per NESHAP Subpart AAAAA and high percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are highlighted for reporting purposes only.

**Italic** = HOV/LTCO approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions recorded by GEM.

\*\*Well OXEVHCE6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

≤140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii)  
OXEW1618, OXMEW205, OXMEW209, OXMPPEW35

≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(i)  
OMTLTS01, OMTLS02, OMTLS03, OMTLS04, OMTLS05, OMTLS06, OMTLS07,  
OMTLTS08, OMTLS09, OMTLS10, OMTLS11, OMTLS12, OMTLS15, OMTLS16,  
OMTLTS17, OMTLS18, OMTLS19, OMTLS20, OXLCRS64, OXLCRS4A, OXLCRS4B,  
OXLCRS66, OXLCRS66, OXLCRS07, OXMEWHCE6, OXMHBTCH, OXMEWW17, and  
OXMHGFC6.

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)  
OMTLTS01, OMTLS02, OMTLS03, OMTLS04, OMTLS05, OMTLS06, OMTLS07,  
OMTLTS08, OMTLS09, OMTLS10, OMTLS11, OMTLS12, OMTLS15, OMTLS16,  
OMTLTS17, OMTLS18, OMTLS19, OMTLS20, OXLCRS64, OXLCRS4A, OXLCRS4B,  
OXLCRS66, OXLCRS66, and OXLCRS07.

\*Wells that have been decommissioned are noted with a strikethrough.

**OX MOUNTAIN LANDFILL**  
Wellfield Monitoring Report - March 1, 2, 3, 6, 7, 9, 10, 13, 14, 15, 16, 20, 21, 22, 23, 25, 27, and 28, 2023

Device ID	Date and Time	CH <sub>4</sub>		CO <sub>2</sub>		O <sub>2</sub>		BAL		Initial Static Pressure		Adjusted Static Pressure		Lateral Pressure		Initial Temperature		Initial Flow*		Comments
		%		%		%		%		in. wk..	in. wk..	in. wk..	in. wk..	Deg. F.	scfm					
OMLEW101	3/2/2023 13:42	52.7	38.9	0.4	8.0	-3.52	-3.58	-37.23	68.7	33.6	Valve Adjustment:No Change,Valve at minimum position									
OMLEW101	3/22/2023 11:07	55.9	39.3	0.0	4.8	-4.25	-4.25	-34.23	62.9	35.6	Valve Adjustment:No Change,Valve at minimum position									
OMLEW104	3/10/2023 10:47	52.9	44.3	0.7	2.1	-25.47	-25.48	-39.58	74.1	33.8	Valve Adjustment:No Change									
OMLEW104	3/15/2023 13:57	54.4	42.6	0.2	2.8	-24.98	-25.00	-38.46	73.5	28.3	Valve Adjustment:No Change									
OMLEW107	3/10/2023 10:50	51.8	41.8	0.1	6.3	-39.38	-39.51	-39.66	55.7	13.6	Valve Adjustment:No Change									
OMLEW107	3/15/2023 13:59	54.6	40.5	0.2	4.7	-38.47	-38.46	-38.48	66.9	14.7	Valve Adjustment:No Change									
OMLFEW59	3/2/2023 7:54	53.1	35.3	0.1	11.5	-0.74	-0.74	-35.24	97.2	13.2	Valve Adjustment:No Change,Valve 5% open									
OMLFEW59	3/23/2023 14:16	57.4	36.9	0.1	5.6	-0.56	-0.56	-24.00	90.4	14.9	Valve Adjustment:No Change,Valve at minimum position									
OMLFEW72	3/10/2023 10:37	53.1	40.1	1.4	5.4	-0.64	-0.75	-40.32	51.1	N/A	Valve Adjustment:No Change									
OMLFEW72	3/15/2023 13:42	56.9	39.1	4.0	0.0	-0.25	-0.29	-38.50	63.0	N/A	Valve Adjustment:No Change									
OMLFEW99	3/2/2023 11:11	47.3	35.9	0.0	16.8	-1.08	-0.82	-46.58	66.6	14.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open									
OMLFEW99	3/23/2023 10:22	55.6	30.2	0.4	13.8	-0.68	-0.69	-42.30	62.9	11.2	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS01	3/10/2023 9:22	52.7	38.8	0.4	8.1	-0.37	-0.37	-39.75	54.3	2.6	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS01	3/15/2023 12:51	54.7	39.9	0.9	4.5	-0.16	-0.15	-38.14	61.2	2.8	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS02	3/10/2023 9:36	48.1	36.8	1.9	13.2	-0.36	-0.36	-39.98	59.6	7.6	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS02	3/15/2023 13:32	48.2	33.4	1.8	16.6	-0.28	-0.28	-37.81	64.6	7.2	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS03	3/10/2023 9:38	34.9	28.5	6.2	30.4	-0.28	-0.28	-40.00	50.5	0.2	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS03	3/15/2023 13:28	26.8	18.0	9.7	45.5	-0.25	-0.24	-38.42	67.2	0.4	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS04	3/2/2023 14:49	18.9	18.1	5.2	57.8	-0.17	-0.17	-43.40	71.1	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS04	3/14/2023 11:25	51.3	39.3	2.0	7.4	-0.03	-0.17	-37.35	56.7	4.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less									
OMTLTS05	3/2/2023 14:47	13.2	13.9	8.9	64.0	-0.18	-0.18	-43.41	68.5	0.2	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS05	3/14/2023 11:27	35.6	29.5	4.1	30.8	-0.21	-0.23	-36.92	56.8	0.2	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS06	3/2/2023 14:44	17.5	22.5	14.6	45.4	-0.17	-0.16	-42.38	68.8	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS06	3/14/2023 13:52	11.9	9.4	14.5	64.2	-0.55	-0.45	-38.35	53.7	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									
OMTLTS07	3/2/2023 14:28	30.5	28.2	8.4	32.9	-0.14	-0.14	-39.05	62.9	0.0	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS07	3/14/2023 14:10	34.4	33.3	12.9	19.4	-0.60	-0.61	-38.72	53.9	0.2	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS08	3/2/2023 14:25	39.5	32.2	3.8	24.5	-0.20	-0.20	-32.30	67.9	4.7	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS08	3/14/2023 14:13	39.8	26.8	4.4	29.0	-0.65	-0.65	-32.64	57.2	4.3	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS09	3/2/2023 14:21	46.7	34.6	0.2	18.5	-0.28	-0.28	-27.47	63.8	1.0	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS09	3/14/2023 8:44	48.3	31.8	0.2	19.7	-0.04	-0.04	-25.98	55.7	0.8	Valve Adjustment:No Change,Valve at minimum position									
OMTLTS10	3/6/2023 12:07	32.8	23.1	6.5	37.6	-0.40	-0.40	-34.35	57.6	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less									



OMTL TS10	3/14/2023 8:48	54.8	35.1	0.0	10.1	-0.02	-0.05	-32.13	54.7	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTL TS11	3/6/2023 12:14	22.0	15.2	11.1	51.7	-0.39	-0.39	-34.85	57.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTL TS11	3/14/2023 8:58	46.1	30.5	4.4	19.0	-0.29	-0.28	-34.28	54.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTL TS12	3/6/2023 12:17	34.9	27.2	3.6	34.3	-0.42	-0.42	-34.87	63.3	0.5	Valve Adjustment:No Change,Valve at minimum position
OMTL TS12	3/14/2023 9:00	44.5	30.6	4.9	20.0	-0.19	-0.18	-32.50	55.7	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTL TS15	3/6/2023 12:25	12.1	18.8	7.7	61.4	-0.58	-0.54	-40.56	81.9	7.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTL TS15	3/14/2023 9:07	24.9	25.5	4.0	45.6	-0.44	-0.44	-35.46	77.3	7.0	Valve Adjustment:No Change,Valve at minimum position
OMTL TS16	3/6/2023 12:36	27.2	26.3	2.8	43.7	-0.54	-0.55	-36.99	61.0	2.2	Valve Adjustment:No Change,Valve at minimum position
OMTL TS16	3/14/2023 9:13	39.8	28.1	1.7	30.4	-0.26	-0.27	-32.50	55.7	1.4	Valve Adjustment:No Change,Valve at minimum position
OMTL TS17	3/6/2023 12:43	13.6	8.7	14.0	63.7	-0.76	-0.61	-40.32	60.6	7.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTL TS17	3/14/2023 9:18	57.3	29.5	0.6	12.6	-0.29	-0.24	-37.14	56.4	1.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTL TS18	3/6/2023 12:47	51.8	31.7	1.1	15.4	-0.82	-0.82	-40.83	61.1	19.2	Valve Adjustment:No Change,Valve at minimum position
OMTL TS18	3/14/2023 9:22	60.1	32.5	0.3	7.1	-0.63	-0.57	-37.66	59.8	18.4	Valve Adjustment:No Change,Valve at minimum position
OMTL TS19	3/7/2023 8:53	44.3	34.9	13.1	7.7	-0.52	-0.52	-40.87	45.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTL TS19	3/14/2023 9:26	37.0	29.8	7.5	25.7	-0.21	-0.21	-37.21	54.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTL TS20	3/6/2023 13:01	27.4	14.8	2.7	55.1	-0.48	-0.47	-40.95	61.5	9.5	Valve Adjustment:No Change,Valve at minimum position
OMTL TS20	3/14/2023 9:30	41.9	27.5	1.8	28.8	-0.06	-0.04	-37.32	60.2	9.2	Valve Adjustment:No Change,Valve at minimum position
OXEW133B	3/7/2023 12:32	24.3	24.6	2.2	48.9	-33.33	-30.50	-35.05	65.2	176.0	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW133B	3/27/2023 10:24	22.4	22.8	6.8	48.0	-30.39	-15.62	-30.88	87.3	73.7	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn
OXEW133B	3/27/2023 10:35	41.5	29.1	4.3	25.1	-6.59	-6.57	-32.94	72.1	72.9	Valve Adjustment:No Change
OXEW134A	3/10/2023 9:44	48.3	37.7	0.0	14.0	-8.81	-8.45	-39.61	61.5	45.0	Valve Adjustment:No Change
OXEW134A	3/15/2023 13:15	48.0	37.6	0.3	14.1	-8.84	-9.75	-38.27	66.6	48.2	Valve Adjustment:No Change
OXEW134B	3/10/2023 9:48	47.0	39.1	0.4	13.5	-35.33	-35.15	-39.25	55.8	79.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	3/15/2023 13:19	52.7	41.8	0.3	5.2	-31.03	-30.42	-37.81	69.5	40.6	Valve Adjustment:No Change
OXEW137B	3/13/2023 10:28	58.7	31.4	0.4	9.5	-35.36	-35.60	-35.51	61.2	35.6	Valve Adjustment:No Change
OXEW137B	3/14/2023 13:59	46.2	34.6	4.9	14.3	-36.83	-36.15	-37.08	60.9	19.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1601	3/3/2023 14:47	55.7	39.0	0.0	5.3	-7.90	-9.02	-42.05	119.0	34.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	3/16/2023 14:09	55.6	39.1	0.0	5.3	-11.14	-11.14	-34.85	118.5	34.3	Valve Adjustment:No Change
OXEW1602	3/6/2023 12:57	56.9	41.3	0.1	1.7	-21.34	-21.35	-38.63	127.5	22.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	3/22/2023 11:57	58.5	41.5	0.0	0.0	-14.83	-14.83	-35.65	127.0	25.3	Valve Adjustment:No Change
OXEW1602	3/25/2023 11:38	57.6	40.3	0.0	2.1	-14.91	-14.92	-34.46	126.6	24.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	3/3/2023 15:03	58.9	39.5	0.0	1.6	-40.56	-40.52	-40.59	91.3	0.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1603	3/16/2023 14:54	55.3	39.8	0.2	4.7	-33.75	-33.93	-33.88	94.9	3.6	Valve Adjustment:No Change,Valve 100% open
OXEW1604	3/6/2023 13:21	57.5	42.3	0.1	0.1	-3.26	-3.28	-35.11	130.1	0.0	Valve Adjustment:No Change
OXEW1604	3/16/2023 14:59	56.4	39.0	0.0	4.6	-1.90	-1.90	-32.06	129.2	26.6	Valve Adjustment:No Change

OXEW1611	3/13/2023 9:14	45.5	35.0	4.6	14.9	-17.88	-17.84	-24.13	53.6	9.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1611	3/15/2023 11:01	56.5	39.4	4.1	0.0	-0.02	-0.20	-23.36	61.8	0.4	Valve Adjustment:Valve at minimum position, Opened valve 1/2 turn or less
OXEW1611	3/15/2023 11:04	52.2	36.6	2.3	8.9	-1.40	-1.17	-23.36	69.9	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1612	3/6/2023 12:45	58.3	39.6	0.3	1.8	-33.76	-34.04	-38.87	125.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1612	3/22/2023 11:51	58.2	40.2	0.0	1.6	-30.33	-30.43	-35.26	123.3	0.0	Valve Adjustment:No Change
OXEW1612	3/25/2023 11:24	57.4	40.9	0.0	1.7	-29.19	-31.13	-33.67	122.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	3/6/2023 13:24	53.5	42.5	0.7	3.3	-15.69	-15.71	-39.17	126.0	46.4	Valve Adjustment:No Change
OXEW1613	3/16/2023 15:02	57.4	41.4	0.3	0.9	-12.97	-13.01	-36.68	125.5	45.9	Valve Adjustment:No Change
OXEW1614	3/6/2023 15:15	48.2	41.3	0.2	10.3	-1.43	-1.33	-36.41	113.4	20.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	3/16/2023 15:10	53.2	38.2	0.0	8.6	-1.05	-1.06	-36.16	111.2	10.5	Valve Adjustment:No Change
OXEW1616	3/6/2023 14:57	53.5	41.5	0.4	4.6	-20.22	-20.15	-24.39	114.7	17.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	3/15/2023 9:18	56.8	40.2	0.0	3.0	-20.52	-20.61	-23.71	114.6	27.9	Valve Adjustment:No Change
OXEW1617	3/9/2023 11:06	51.1	40.2	0.0	8.7	-4.04	-4.04	-37.13	128.4	17.6	Valve Adjustment:No Change, Valve 25% open
OXEW1617	3/15/2023 8:53	51.1	41.3	0.0	7.6	-4.62	-4.62	-36.73	128.0	17.6	Valve Adjustment:No Change, Valve 20% open
OXEW1618	3/6/2023 15:21	53.4	42.2	0.3	4.1	-1.00	-1.04	-36.12	127.5	3.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1618	3/27/2023 11:07	53.8	35.3	0.2	10.7	0.49	-0.04	-33.43	127.3	8.1	Valve Adjustment:NSPS/CAI, Opened valve 1/2 turn or less
OXEW1618	3/27/2023 11:09	58.1	39.8	0.0	2.1	-0.14	-0.18	-33.65	129.4	7.9	Valve Adjustment:No Change, Valve 35% open
OXEW1619	3/2/2023 15:15	57.5	40.7	0.5	1.3	-42.44	-42.43	-42.90	116.1	3.1	Valve Adjustment:No Change, Valve 100% open
OXEW1619	3/14/2023 11:07	53.8	37.3	0.3	8.6	-35.59	-35.58	-36.15	113.3	3.2	Valve Adjustment:No Change, Valve 100% open
OXEW1620	3/6/2023 13:27	49.9	39.5	0.2	10.4	-8.45	-8.47	-39.87	98.4	5.1	Valve Adjustment:No Change, Valve 20% open
OXEW1620	3/14/2023 11:03	51.4	40.0	0.1	8.5	-7.33	-7.24	-36.68	98.1	4.8	Valve Adjustment:No Change, Valve 20% open
OXEW1621	3/9/2023 9:11	52.1	40.0	0.0	7.9	-0.57	-0.57	-37.92	96.1	25.2	Valve Adjustment:No Change
OXEW1621	3/14/2023 12:57	50.9	26.7	0.2	22.2	-0.44	-0.45	-38.24	88.3	0.0	Valve Adjustment:No Change
OXEW1622	3/2/2023 15:11	50.4	39.0	2.1	8.5	-15.06	-13.75	-42.62	119.6	18.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	3/14/2023 11:13	54.7	39.3	1.0	5.0	-7.87	-7.96	-36.16	116.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1701	3/7/2023 11:05	60.0	39.6	0.0	0.4	-35.38	-35.29	-35.91	118.0	3.7	Valve Adjustment:No Change, Valve 100% open
OXEW1701	3/14/2023 10:36	55.6	39.1	0.0	5.3	-31.33	-31.34	-32.07	116.9	5.6	Valve Adjustment:No Change, Valve 100% open
OXEW1702	3/13/2023 9:52	58.5	37.8	0.5	3.2	-31.64	-31.66	-33.40	123.5	8.4	Valve Adjustment:No Change, Valve 100% open
OXEW1702	3/15/2023 9:39	59.0	40.5	0.0	0.5	-30.92	-30.74	-33.25	123.3	8.6	Valve Adjustment:No Change, Valve 100% open
OXEW1703	3/6/2023 14:30	55.8	41.9	0.5	1.8	-31.39	-30.76	-31.39	93.0	8.1	Valve Adjustment:No Change, Valve 100% open
OXEW1703	3/15/2023 9:30	58.0	41.1	0.0	0.9	-29.87	-29.71	-30.51	97.7	17.1	Valve Adjustment:No Change, Valve 100% open
OXEW1705	3/6/2023 13:42	56.0	41.6	1.3	1.1	-25.96	-26.05	-36.26	115.7	16.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1705	3/15/2023 10:22	57.9	40.7	0.0	1.4	-24.76	-24.74	-33.53	116.6	7.3	Valve Adjustment:No Change, Valve 50% open
OXEW1716	3/2/2023 8:29	59.1	40.2	0.0	0.7	-41.40	-41.40	-41.56	70.7	4.3	Valve Adjustment:Valve 100% open, Opened valve 1/2 turn or less
OXEW1716	3/21/2023 9:55	59.8	34.2	0.1	5.9	-34.49	-34.56	-34.85	44.9	3.1	Valve Adjustment:No Change, Valve 100% open

OXEW1717	3/1/2023 14:31	55.6	37.7	0.2	6.5	-0.02	-0.41	-41.97	79.6	1.5	Valve Adjustment: Opened valve 1/2 turn or less. Valve 25% open
OXEW1717	3/1/2023 14:33	54.6	42.0	0.8	2.6	-0.89	-1.02	-41.95	79.6	2.0	Valve Adjustment: No Change. Valve 25% open
OXEW1717	3/21/2023 10:19	49.5	40.7	2.4	7.4	-0.17	-0.17	-35.91	66.9	1.2	Valve Adjustment: No Change. Valve 25% open
OXEW1801	3/6/2023 15:04	46.9	40.4	1.3	11.4	-16.35	-15.39	-36.29	118.1	13.8	Valve Adjustment: Closed valve 1/2 turn to 1 turn
OXEW1801	3/16/2023 15:17	52.1	38.4	1.1	8.4	-7.43	-7.43	-35.93	108.2	8.1	Valve Adjustment: No Change. Valve 25% open
OXEW1804	3/6/2023 13:11	47.0	39.0	2.8	11.2	-0.07	-0.06	-38.88	126.8	22.5	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1804	3/22/2023 12:10	51.6	38.3	2.7	7.4	-0.37	-0.37	-35.53	115.5	15.5	Valve Adjustment: No Change. Valve 20% open
OXEW1805	3/6/2023 13:03	57.3	42.4	0.3	0.0	-33.68	-34.46	-38.41	115.4	20.6	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1805	3/16/2023 15:46	57.1	40.3	0.2	2.4	-30.35	-30.35	-35.75	115.7	18.1	Valve Adjustment: No Change. Valve 70% open
OXEW1805	3/22/2023 12:05	57.0	41.4	0.1	1.5	-30.88	-30.86	-34.76	110.2	15.2	Valve Adjustment: No Change. Valve 70% open
OXEW1806	3/9/2023 10:21	52.0	38.2	0.0	9.8	-0.12	-0.12	-38.49	116.8	12.4	Valve Adjustment: Opened valve 1/2 turn or less. Valve 10% open
OXEW1806	3/14/2023 10:47	51.1	37.9	0.1	10.9	-0.01	-0.15	-36.91	112.0	13.0	Valve Adjustment: Opened valve 1/2 turn or less. Valve 20% open
OXEW1807	3/6/2023 14:44	55.9	43.0	0.2	0.9	-6.21	-6.11	-36.93	130.2	25.9	Valve Adjustment: No Change
OXEW1807	3/15/2023 9:22	58.3	40.9	0.0	0.8	-4.40	-4.39	-37.24	130.2	27.0	Valve Adjustment: No Change. Valve 25% open
OXEW1808	3/13/2023 9:46	8.5	8.5	18.1	64.9	-20.59	-19.10	-34.06	55.0	0.5	Valve Adjustment: NSFS/CAI. Valve at minimum position. Closed valve 1/2 turn or less
OXEW1808	3/13/2023 9:47	2.6	3.9	20.4	73.1	-10.00	-6.54	-33.59	55.5	0.3	Valve Adjustment: NSFS/CAI. Valve at minimum position. Closed valve 1/2 turn or less
OXEW1808	3/23/2023 9:24	56.9	37.1	3.1	2.9	-0.05	-0.05	-36.82	45.6	1.4	Valve Adjustment: No Change. Valve at minimum position
OXEW1809	3/3/2023 14:39	56.1	39.3	0.1	4.5	-33.72	-34.77	-42.04	112.7	41.8	Valve Adjustment: Opened valve 1/2 turn or less. Valve 65% open
OXEW1809	3/16/2023 14:02	55.8	35.2	0.4	8.6	-30.90	-30.91	-36.07	111.0	37.1	Valve Adjustment: No Change. Valve 65% open
OXEW1810	3/2/2023 9:27	48.5	29.3	4.6	17.6	-8.38	-5.88	-43.47	61.2	0.4	Valve Adjustment: Valve at minimum position. Closed valve 1/2 turn or less
OXEW1810	3/23/2023 14:32	58.0	33.2	0.2	8.6	-0.79	-0.81	-40.31	53.2	0.8	Valve Adjustment: No Change. Valve at minimum position
OXEW1811	3/10/2023 12:34	55.6	40.8	0.9	2.7	-11.61	-11.60	-36.37	60.5	5.0	Valve Adjustment: No Change. Valve 20% open
OXEW1811	3/16/2023 15:33	56.5	39.4	1.1	3.0	-9.29	-9.33	-36.52	73.5	6.2	Valve Adjustment: No Change. Valve 20% open
OXEW1812	3/10/2023 11:22	55.6	41.2	0.0	3.2	-11.85	-11.96	-39.39	121.7	22.4	Valve Adjustment: No Change. Valve 30% open
OXEW1812	3/22/2023 13:05	58.8	41.2	0.0	0.0	-11.92	-11.92	-36.68	121.6	21.4	Valve Adjustment: No Change. Valve 30% open
OXEW1813	3/6/2023 14:55	55.8	42.0	0.8	1.4	-36.64	-36.66	-36.88	106.4	5.2	Valve Adjustment: No Change. Valve 100% open
OXEW1813	3/15/2023 9:15	58.1	40.7	0.0	1.2	-36.45	-36.45	-36.46	96.7	6.8	Valve Adjustment: No Change. Valve 100% open
OXEW1815	3/7/2023 10:30	52.3	37.0	0.0	10.7	-10.76	-10.74	-40.66	122.6	25.0	Valve Adjustment: No Change. Valve 30% open
OXEW1815	3/14/2023 10:10	54.5	37.6	0.0	7.9	-7.87	-9.94	-37.39	121.8	24.1	Valve Adjustment: Opened valve 1/2 turn or less. Valve 35% open
OXEW1816	3/6/2023 14:13	53.4	39.5	0.4	6.7	-20.34	-20.34	-35.21	118.7	94.2	Valve Adjustment: No Change. Valve 100% open
OXEW1816	3/15/2023 9:43	56.7	39.8	0.0	3.5	-18.86	-19.05	-32.41	119.0	92.6	Valve Adjustment: Opened valve 1/2 turn or less. Valve 95% open
OXEW1817	3/6/2023 14:01	54.4	39.8	1.7	4.1	-35.51	-33.35	-35.68	115.8	7.5	Valve Adjustment: No Change. Valve 100% open
OXEW1817	3/15/2023 10:44	57.7	37.6	0.2	4.5	-33.07	-33.10	-33.73	116.6	7.6	Valve Adjustment: No Change. Valve 100% open
OXEW1821	3/2/2023 10:40	26.8	23.3	0.1	49.8	-0.24	-0.24	-44.06	60.8	0.2	Valve Adjustment: No Change. Valve at minimum position
OXEW1821	3/23/2023 14:50	29.7	22.5	0.0	47.8	-0.29	-0.28	-40.84	54.3	0.2	Valve Adjustment: No Change. Valve at minimum position

OXEW1822	3/2/2023 10:37	8.5	18.2	1.2	72.1	-0.97	-0.82	-44.05	64.8	0.2	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1822	3/23/2023 14:44	32.0	29.6	0.3	38.1	-0.01	-0.05	-40.42	57.5	0.1	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEW1823	3/2/2023 10:28	23.9	24.5	0.8	50.8	-0.12	-0.12	-44.05	66.6	0.1	Valve Adjustment: No Change, Valve at minimum position
OXEW1823	3/23/2023 14:47	24.5	22.9	1.7	50.9	-0.31	-0.32	-40.36	55.4	0.1	Valve Adjustment: No Change, Valve at minimum position
OXEW1824	3/2/2023 9:15	57.3	29.0	0.7	13.0	-43.71	-43.67	-44.05	55.4	2.5	Valve Adjustment: No Change, Valve 100% open
OXEW1824	3/21/2023 8:51	63.6	31.7	0.9	3.8	-35.74	-35.77	-35.88	44.3	2.9	Valve Adjustment: No Change, Valve 100% open
OXEW1825	3/2/2023 11:02	60.5	34.5	0.1	4.9	-0.13	-4.00	-43.62	56.7	0.8	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEW1825	3/21/2023 8:44	56.2	31.7	0.2	11.9	-3.62	-3.62	-35.36	45.9	1.6	Valve Adjustment: No Change, Valve at minimum position
OXEW1826	3/10/2023 11:33	49.6	38.1	0.1	12.2	-7.38	-7.41	-39.40	81.7	6.9	Valve Adjustment: No Change
OXEW1826	3/22/2023 13:27	55.2	38.9	0.0	5.9	-6.68	-6.83	-36.84	76.6	6.8	Valve Adjustment: No Change, Valve at minimum position
OXEW1901	3/6/2023 13:21	38.5	22.8	4.6	34.1	-39.60	-3.30	-39.90	64.6	2.2	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1901	3/14/2023 10:55	56.9	42.9	0.0	0.2	-0.49	-1.46	-37.02	57.0	56.8	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less
OXEW1902	3/6/2023 14:33	49.6	42.0	0.1	8.3	-4.01	-3.97	-34.77	63.0	13.8	Valve Adjustment: No Change
OXEW1902	3/15/2023 9:36	54.5	40.0	0.0	5.5	-3.51	-3.51	-33.57	61.8	41.4	Valve Adjustment: No Change, Valve 10% open
OXEW1904	3/6/2023 14:27	50.2	40.3	0.5	9.0	-18.34	-18.34	-36.66	102.7	44.0	Valve Adjustment: No Change
OXEW1904	3/15/2023 9:28	55.2	40.6	0.0	4.2	-17.32	-17.32	-34.87	103.7	44.5	Valve Adjustment: No Change, Valve 55% open
OXEW1908	3/3/2023 9:32	58.3	40.5	0.0	1.2	-26.26	-26.26	-27.51	100.8	38.4	Valve Adjustment: No Change, Valve 100% open
OXEW1908	3/15/2023 11:14	57.2	40.8	0.0	2.0	-22.31	-22.30	-23.21	101.5	33.3	Valve Adjustment: No Change, Valve 100% open
OXEW1909	3/3/2023 9:15	54.7	38.0	0.1	7.2	-4.33	-9.76	-40.71	89.4	17.4	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
OXEW1909	3/3/2023 9:16	53.0	45.6	0.0	1.4	-10.09	-10.09	-39.70	91.6	26.1	Valve Adjustment: No Change
OXEW1909	3/15/2023 15:29	55.8	44.2	0.0	0.0	-8.73	-8.73	-34.62	94.1	24.4	Valve Adjustment: No Change, Valve 30% open
OXEW1910	3/3/2023 9:23	47.4	41.8	1.0	9.8	-4.63	-3.25	-41.35	113.6	65.4	Valve Adjustment: Closed valve 1/2 turn or less, Valve 20% open
OXEW1910	3/16/2023 14:19	54.8	39.1	0.2	5.9	-2.52	-2.50	-35.25	110.8	49.3	Valve Adjustment: No Change, Valve 20% open
OXEW1911	3/6/2023 12:49	57.1	39.6	0.5	2.8	-39.56	-39.68	-39.55	111.6	5.2	Valve Adjustment: No Change, Valve 100% open
OXEW1911	3/22/2023 12:01	58.3	41.7	0.0	0.0	-35.27	-35.27	-35.86	114.5	5.7	Valve Adjustment: No Change, Valve 100% open
OXEW1911	3/25/2023 11:27	57.6	40.9	0.1	1.4	-33.98	-34.14	-34.66	112.9	7.1	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1912	3/3/2023 14:52	58.1	39.8	0.0	2.1	-36.35	-38.40	-44.95	120.8	43.8	Valve Adjustment: Opened valve 1/2 turn or less, Valve 80% open
OXEW1912	3/16/2023 14:48	58.3	40.0	0.0	1.7	-33.88	-33.97	-36.88	116.5	35.0	Valve Adjustment: No Change, Valve 100% open
OXEW1912	3/25/2023 11:50	58.4	40.5	0.0	1.1	-31.29	-31.55	-34.94	116.9	37.7	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less
OXEW1913	3/10/2023 11:14	56.2	40.0	3.8	0.0	-18.65	-18.79	-40.10	92.0	2.4	Valve Adjustment: No Change, Valve 10% open
OXEW1913	3/22/2023 12:56	54.3	37.5	2.1	6.1	-15.06	-15.07	-37.00	88.8	2.1	Valve Adjustment: No Change, Valve 10% open
OXEW1914	3/10/2023 12:20	56.4	26.7	0.2	16.7	-37.06	-37.09	-37.13	88.4	2.4	Valve Adjustment: No Change, Valve 100% open
OXEW1914	3/22/2023 12:27	57.5	40.4	1.3	0.8	-35.27	-35.27	-35.86	96.9	18.1	Valve Adjustment: No Change, Valve 100% open
OXEW1915	3/1/2023 14:48	52.3	33.8	2.0	11.9	-0.45	-0.45	-41.67	52.8	2.6	Valve Adjustment: No Change, Valve at minimum position
OXEW1915	3/27/2023 9:55	53.9	30.2	0.7	15.2	-0.17	-0.18	-38.37	58.6	2.6	Valve Adjustment: No Change, Valve at minimum position

OXEW1916	3/2/2023 12:11	58.4	33.0	1.0	7.6	-44.44	-44.43	-44.47	62.1	0.3	Valve Adjustment:No Change,Valve 5% open
OXEW1916	3/21/2023 13:06	56.2	36.7	1.2	5.9	-35.97	-35.94	-36.05	51.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1917	3/2/2023 13:04	58.1	41.7	0.2	0.0	-42.82	-42.90	-44.35	71.8	4.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1917	3/21/2023 13:32	58.1	40.8	0.0	1.1	-35.16	-35.09	-36.41	66.3	4.8	Valve Adjustment:No Change,Valve 35% open
OXEW1919	3/2/2023 10:50	41.2	32.9	0.0	25.9	-1.21	-0.45	-43.94	64.8	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	3/23/2023 14:56	52.3	30.1	0.0	17.6	-0.03	-0.09	-40.58	57.5	0.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1920	3/2/2023 10:45	19.0	22.2	1.5	57.3	-26.45	-15.89	-43.54	58.4	14.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	3/23/2023 14:53	19.8	22.0	2.6	55.6	-0.07	-0.08	-40.51	52.5	3.9	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	3/2/2023 9:04	48.1	38.3	0.6	13.0	-41.41	-40.71	-43.38	102.5	23.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXEW1921	3/21/2023 9:04	55.2	37.5	1.3	6.0	-34.19	-34.21	-36.02	97.9	17.8	Valve Adjustment:No Change,Valve 60% open
OXEW2001	3/2/2023 12:44	42.4	37.9	0.4	19.3	-4.49	-2.05	-44.85	125.7	18.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2001	3/23/2023 15:12	53.1	39.0	0.5	7.4	-0.69	-0.64	-39.89	122.2	10.6	Valve Adjustment:No Change,Valve 10% open
OXEW2002	3/1/2023 15:03	56.2	39.6	0.1	4.1	-16.98	-18.65	-41.65	114.8	16.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2002	3/27/2023 10:04	55.6	37.9	0.2	6.3	-12.66	-12.70	-39.20	98.6	14.5	Valve Adjustment:No Change,Valve 25% open
OXEW2003	3/1/2023 14:58	54.2	37.5	0.4	7.9	-34.50	-36.18	-42.31	113.3	12.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2003	3/21/2023 10:14	54.4	43.8	0.0	1.8	-19.88	-19.80	-35.97	126.3	13.6	Valve Adjustment:No Change,Valve 20% open
OXEW2004	3/2/2023 8:09	52.2	40.0	0.2	7.6	-35.57	-35.53	-44.22	127.2	62.6	Valve Adjustment:No Change,Valve 85% open
OXEW2004	3/21/2023 10:00	56.9	35.1	0.6	7.4	-30.32	-30.25	-36.87	124.3	55.2	Valve Adjustment:No Change,Valve 100% open
OXEW2004	3/21/2023 10:01	54.8	39.5	0.8	4.9	-30.27	-30.27	-36.25	124.1	52.8	Valve Adjustment:No Change,Valve 100% open
OXEW2005	3/3/2023 6:34	35.2	16.3	3.3	45.2	-3.26	-3.25	-44.71	75.9	0.9	Valve Adjustment:No Change,Valve at minimum position
OXEW2005	3/23/2023 14:38	49.1	32.2	3.2	15.5	-2.95	-2.94	-39.43	64.9	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW2007	3/2/2023 10:31	56.6	37.9	0.0	5.5	-41.58	-41.62	-43.96	91.2	13.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2007	3/21/2023 9:09	59.2	39.8	0.0	1.0	-33.95	-33.96	-35.79	84.4	14.3	Valve Adjustment:No Change,Valve 100% open
OXEW2008	3/2/2023 10:22	65.7	30.1	0.0	4.2	-43.16	-43.35	-43.74	65.6	9.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2008	3/21/2023 9:18	66.8	32.3	0.0	0.9	-35.32	-35.32	-35.81	45.7	5.8	Valve Adjustment:No Change,Valve 100% open
OXEW2009	3/2/2023 13:25	56.7	39.0	0.8	3.5	-41.36	-41.27	-41.39	95.5	15.0	Valve Adjustment:No Change,Valve 100% open
OXEW2009	3/21/2023 13:40	58.0	40.1	0.3	1.6	-35.86	-35.89	-36.14	96.0	15.8	Valve Adjustment:No Change,Valve 100% open
OXEW2010	3/13/2023 10:52	1.7	11.7	19.6	67.0	-0.85	-0.85	-36.85	57.6	0.1	Valve Adjustment:NSF/SCAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW2010	3/13/2023 10:52	1.1	9.9	19.6	69.4	-0.57	-0.29	-36.69	57.6	0.8	Valve Adjustment:NSF/SCAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW2010	3/20/2023 13:40	60.2	39.8	0.0	0.0	-21.44	-21.55	-38.09	63.7	12.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2010	3/20/2023 13:40	60.2	39.7	0.1	0.0	-26.69	-26.89	-38.27	66.8	5.5	Valve Adjustment:No Change,Valve at minimum position
OXEW2011	3/2/2023 12:19	44.1	32.8	3.9	19.2	-2.90	-1.36	-43.71	60.6	1.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2011	3/2/2023 12:56	53.2	35.4	2.8	8.6	-0.90	-0.77	-43.71	61.2	1.2	Valve Adjustment:No Change,Valve at minimum position
OXEW2011	3/23/2023 15:06	57.4	33.5	0.1	9.0	-30.61	-30.59	-40.84	65.3	3.0	Valve Adjustment:No Change,Valve at minimum position
OXEW2012	3/1/2023 15:20	55.9	34.1	0.3	9.7	-37.16	-38.93	-43.29	105.1	20.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open

OXEW2012	3/21/2023 12:42	57.5	39.7	0.0	2.8	-35.32	-35.32	-37.83	101.8	16.6	Valve Adjustment:No Change,Valve 60% open
OXEW2016	3/6/2023 13:18	57.3	42.6	0.1	0.0	-11.56	-11.67	-38.83	129.9	18.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2016	3/28/2023 10:46	58.0	39.4	0.2	2.4	-7.82	-7.82	-35.74	125.2	20.4	Valve Adjustment:No Change,Valve 30% open
OXEW2016	3/28/2023 10:47	58.7	41.2	0.1	0.0	-7.79	-7.84	-35.68	125.9	18.9	Valve Adjustment:No Change
OXEW2017	3/3/2023 14:59	55.2	39.0	0.5	5.3	-13.87	-15.08	-44.61	123.0	59.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW2017	3/16/2023 14:51	54.9	39.7	0.5	4.9	-14.52	-14.52	-37.19	122.6	60.7	Valve Adjustment:No Change,Valve 70% open
OXEW2019	3/3/2023 9:09	59.0	38.4	0.5	2.1	-26.62	-26.62	-27.25	49.2	2.9	Valve Adjustment:No Change,Valve at minimum position
OXEW2019	3/15/2023 15:27	58.1	38.2	0.4	3.3	-23.50	-23.44	-23.59	69.0	4.3	Valve Adjustment:No Change,Valve 5% open
OXEW2020	3/7/2023 10:34	58.3	40.0	0.0	1.7	-13.05	-13.06	-40.14	125.5	16.0	Valve Adjustment:No Change,Valve 65% open
OXEW2020	3/14/2023 10:14	56.0	39.0	0.0	5.0	-9.51	-9.64	-37.30	125.7	16.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW2021	3/7/2023 10:12	44.0	32.4	3.7	19.9	-12.46	-9.79	-41.00	100.4	6.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2021	3/14/2023 9:59	57.0	37.7	1.0	4.3	-0.70	-6.84	-36.58	75.6	1.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2022	3/7/2023 11:13	52.1	39.2	1.6	7.1	-38.74	-38.80	-40.34	123.6	10.7	Valve Adjustment:No Change,Valve 100% open
OXEW2022	3/14/2023 10:41	55.4	38.9	1.6	4.1	-35.36	-35.37	-36.71	120.9	0.2	Valve Adjustment:No Change,Valve 100% open
OXEW2023	3/6/2023 14:21	56.8	41.8	0.5	0.9	-33.33	-33.39	-33.91	124.7	11.8	Valve Adjustment:No Change,Valve 100% open
OXEW2023	3/15/2023 10:33	56.5	40.2	0.1	3.2	-32.26	-32.10	-32.93	123.8	9.7	Valve Adjustment:No Change,Valve 100% open
OXEW2024	3/13/2023 9:26	55.6	42.5	0.4	1.5	-10.22	-10.56	-37.17	119.4	59.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2024	3/15/2023 10:50	57.4	41.1	0.0	1.5	-11.09	-11.09	-38.59	119.2	63.8	Valve Adjustment:No Change,Valve 50% open
OXEW2026	3/3/2023 9:01	57.6	39.8	0.0	2.6	-40.68	-40.59	-40.76	56.3	4.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2026	3/15/2023 15:18	58.2	40.8	0.0	1.0	-35.51	-35.60	-35.65	72.9	2.0	Valve Adjustment:No Change,Valve 100% open
OXEW2027	3/3/2023 9:12	59.2	37.5	0.2	3.1	-40.47	-40.34	-40.89	49.4	1.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2027	3/15/2023 15:23	57.8	41.0	0.3	0.9	-34.66	-34.66	-34.67	64.5	0.8	Valve Adjustment:No Change,Valve 100% open
OXEW2028	3/3/2023 8:57	58.0	39.5	0.1	2.4	-41.22	-41.56	-41.71	49.8	0.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW2028	3/15/2023 15:15	58.5	40.6	0.1	0.8	-35.87	-35.84	-35.86	62.7	0.9	Valve Adjustment:No Change,Valve 65% open
OXEW2029	3/9/2023 10:31	53.1	38.2	1.5	7.2	-6.51	-6.53	-38.27	118.5	23.7	Valve Adjustment:No Change,Valve 40% open
OXEW2029	3/15/2023 9:05	53.9	39.0	1.4	5.7	-5.54	-5.45	-38.38	120.3	23.0	Valve Adjustment:No Change,Valve 60% open
OXEW2030	3/6/2023 13:37	55.7	41.6	0.7	2.0	-24.90	-24.87	-25.16	122.8	6.5	Valve Adjustment:No Change,Valve 100% open
OXEW2030	3/15/2023 10:25	57.2	41.6	0.1	1.1	-23.37	-23.28	-23.65	122.2	6.3	Valve Adjustment:No Change,Valve 100% open
OXEW2031	3/3/2023 15:17	57.4	40.0	0.1	2.5	-40.44	-40.48	-40.50	124.4	2.6	Valve Adjustment:No Change,Valve 100% open
OXEW2031	3/16/2023 15:05	56.3	41.4	0.0	2.3	-34.66	-34.64	-34.92	124.3	1.2	Valve Adjustment:No Change,Valve 100% open
OXEW2101	3/10/2023 10:11	50.0	39.6	0.0	10.4	-1.56	-1.56	-40.80	123.7	20.4	Valve Adjustment:No Change,Valve 20% open
OXEW2101	3/14/2023 13:38	53.2	38.1	0.0	8.7	-1.05	-1.11	-38.84	122.3	19.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2102	3/13/2023 9:05	56.5	38.7	1.1	3.7	-23.21	-23.13	-23.94	56.2	10.5	Valve Adjustment:No Change,Valve 100% open
OXEW2102	3/15/2023 11:06	57.3	38.6	0.0	4.1	-23.00	-23.00	-23.80	74.4	3.2	Valve Adjustment:No Change,Valve 100% open
OXEW2103	3/13/2023 9:21	56.6	40.1	0.7	2.6	-6.67	-7.29	-36.26	100.2	60.9	Valve Adjustment:Opened valve 1/2 turn or less

OXEW2103	3/15/2023 10:53	55.7	40.7	0.5	3.1	-8.31	-8.16	-38.27	100.5	68.4	Valve Adjustment:No Change,Valve 50% open
OXEW2104	3/13/2023 9:33	55.1	43.5	0.5	0.9	-20.09	-22.03	-20.90	114.3	28.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2104	3/27/2023 12:53	55.4	34.0	0.2	10.4	-20.30	-21.16	-33.39	114.8	11.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2105	3/3/2023 9:29	59.3	39.8	0.0	0.9	-27.12	-26.84	-27.16	98.7	13.6	Valve Adjustment:No Change,Valve 100% open
OXEW2105	3/15/2023 15:33	55.7	44.3	0.0	0.0	-23.44	-23.46	-23.54	100.3	13.8	Valve Adjustment:No Change,Valve 100% open
OXEW2106	3/3/2023 14:43	57.1	39.9	0.0	3.0	-41.12	-41.29	-41.52	112.3	4.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2106	3/16/2023 14:05	57.6	39.4	0.2	2.8	-35.37	-35.39	-35.77	109.5	3.3	Valve Adjustment:No Change,Valve 100% open
OXEW2107	3/2/2023 12:40	55.0	41.5	0.0	3.5	-41.43	-41.98	-41.90	113.2	13.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
OXEW2107	3/21/2023 13:23	56.5	40.1	0.0	3.4	-30.46	-30.46	-30.65	105.0	19.5	Valve Adjustment:No Change,Valve 85% open
OXEW2108	3/1/2023 15:07	53.5	40.5	0.0	6.0	-25.21	-28.08	-42.66	121.1	31.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2108	3/21/2023 12:49	54.6	39.6	0.2	5.6	-31.07	-31.02	-37.34	107.4	25.9	Valve Adjustment:No Change,Valve 50% open
OXEW2109	3/2/2023 12:24	52.0	35.9	0.1	12.0	-25.18	-25.22	-45.70	65.5	2.6	Valve Adjustment:No Change,Valve at minimum position
OXEW2109	3/21/2023 13:16	56.8	42.8	0.0	0.4	-19.28	-19.25	-36.69	57.5	2.4	Valve Adjustment:No Change,Valve at minimum position
OXEW2110	3/6/2023 13:46	54.2	40.5	1.6	3.7	-34.68	-34.68	-34.71	91.1	19.6	Valve Adjustment:No Change,Valve 100% open
OXEW2110	3/15/2023 10:19	59.8	39.2	0.0	1.0	-32.65	-32.63	-32.62	89.6	4.4	Valve Adjustment:No Change,Valve 100% open
OXEW2111	3/3/2023 14:18	55.5	38.6	0.0	5.9	-11.73	-11.61	-26.06	99.0	150.3	Valve Adjustment:No Change,Valve 100% open
OXEW2111	3/16/2023 14:40	55.6	40.1	0.0	4.3	-10.11	-10.12	-36.62	93.0	92.9	Valve Adjustment:No Change,Valve 100% open
OXEW2112	3/3/2023 14:12	57.0	38.2	0.1	4.7	-40.28	-40.41	-44.58	103.9	1.1	Valve Adjustment:No Change,Valve 100% open
OXEW2112	3/16/2023 14:35	55.4	41.1	0.2	3.3	-34.05	-34.05	-37.48	103.0	0.8	Valve Adjustment:No Change,Valve 100% open
OXEW2113	3/3/2023 14:32	56.3	38.2	0.0	5.5	-41.02	-41.11	-42.50	122.0	31.8	Valve Adjustment:No Change,Valve 100% open
OXEW2113	3/16/2023 14:22	57.2	40.7	0.0	2.1	-35.39	-35.33	-36.67	120.7	24.1	Valve Adjustment:No Change,Valve 100% open
OXEW2207	3/13/2023 10:04	57.5	41.2	0.3	1.0	-20.19	-20.17	-23.45	113.7	100.8	Valve Adjustment:No Change,Valve 100% open
OXEW2207	3/15/2023 11:09	57.6	40.7	0.0	1.7	-19.94	-19.90	-23.08	113.5	103.8	Valve Adjustment:No Change,Valve 95% open
OXEW2208	3/3/2023 14:26	52.5	37.4	0.1	10.0	-6.12	-6.13	-38.95	120.1	84.4	Valve Adjustment:No Change,Valve 30% open
OXEW2208	3/16/2023 14:16	54.9	37.4	0.1	7.6	-4.75	-4.75	-32.99	119.8	82.4	Valve Adjustment:No Change,Valve 30% open
OXEW2209	3/13/2023 9:18	56.0	40.6	1.1	2.3	-33.43	-33.06	-33.95	97.4	29.2	Valve Adjustment:No Change,Valve 100% open
OXEW2209	3/15/2023 10:56	58.0	40.2	0.0	1.8	-33.20	-33.27	-33.76	94.9	26.2	Valve Adjustment:No Change,Valve 100% open
OXEW2210	3/6/2023 14:38	56.8	41.2	0.9	1.1	-17.74	-17.78	-34.69	100.7	21.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2210	3/15/2023 9:33	55.5	41.4	0.7	2.4	-16.15	-15.94	-33.92	97.5	11.4	Valve Adjustment:No Change,Valve 15% open
OXEW2211	3/6/2023 14:08	57.1	40.5	0.6	1.8	-32.84	-33.17	-33.71	123.9	32.3	Valve Adjustment:No Change,Valve 100% open
OXEW2211	3/15/2023 9:55	56.5	37.5	0.0	6.0	-31.30	-31.26	-32.32	123.4	14.0	Valve Adjustment:No Change,Valve 100% open
OXEW2211	3/15/2023 15:01	56.7	36.1	0.1	7.1	-31.99	-31.98	-32.74	123.2	13.6	Valve Adjustment:No Change
OXEW2212	3/13/2023 9:38	55.2	40.2	0.2	4.4	-3.28	-3.36	-35.82	109.5	49.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2212	3/15/2023 10:47	57.3	38.7	0.0	4.0	-3.81	-3.81	-35.80	108.8	48.9	Valve Adjustment:No Change,Valve 20% open
OXEW2213	3/3/2023 8:53	58.8	37.0	0.1	4.1	-36.50	-36.44	-42.14	108.8	20.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less

OXEW2213	3/15/2023 15:11	58.0	37.7	0.1	4.2	-31.34	-31.31	-35.27	108.7	28.2	Valve Adjustment:No Change,Valve 100% open
OXEW2214	3/13/2023 9:30	49.3	33.3	0.0	17.4	-4.70	-4.70	-40.27	97.5	38.0	Valve Adjustment:No Change,Valve 20% open
OXEW2214	3/15/2023 14:55	53.6	36.3	0.0	10.1	-4.78	-4.78	-39.16	98.4	38.1	Valve Adjustment:No Change,Valve 20% open
OXEWHC6A**	3/1/2023 14:42	6.0	14.5	18.2	61.3	-0.13	-0.12	-42.11	52.3	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEWHC6A**	3/1/2023 14:42	3.0	9.1	17.9	70.0	-0.13	-0.14	-42.19	51.6	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEWHC6A**	3/27/2023 9:58	2.1	6.0	21.4	70.5	-1.21	-1.19	-38.52	58.2	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	3/27/2023 9:59	1.2	3.2	20.8	74.8	-1.19	-1.18	-38.79	60.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OXHC1922	3/3/2023 14:30	55.2	37.7	1.2	5.9	-0.34	-0.54	-38.82	66.7	13.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXHC1922	3/16/2023 14:13	53.9	37.1	1.7	7.3	-0.46	-0.46	-32.70	71.8	13.8	Valve Adjustment:No Change,Valve 30% open
OXHC2000	3/13/2023 9:59	39.7	26.2	0.7	33.4	-13.89	-13.39	-37.30	57.5	122.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXHC2000	3/15/2023 14:32	57.0	40.6	0.1	2.3	-14.33	-14.22	-38.54	68.0	123.4	Valve Adjustment:No Change,Valve 100% open
OXHC2001	3/13/2023 9:52	57.0	41.8	1.2	0.0	-10.26	-10.02	-36.93	57.0	108.4	Valve Adjustment:No Change,Valve 100% open
OXHC2001	3/15/2023 14:33	59.8	39.9	0.3	0.0	-11.64	-11.78	-37.20	69.1	106.8	Valve Adjustment:No Change,Valve 100% open
OXHC2013	3/3/2023 13:50	54.4	39.5	1.2	4.9	-30.84	-28.96	-44.68	66.9	37.7	Valve Adjustment:No Change,Valve at minimum position
OXHC2013	3/22/2023 11:26	56.3	39.9	3.8	0.0	-19.58	-19.30	-36.48	57.0	30.2	Valve Adjustment:No Change,Valve at minimum position
OXHC2014	3/3/2023 14:01	49.7	36.5	1.1	12.7	-5.72	-5.54	-52.66	88.6	23.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXHC2014	3/16/2023 14:26	51.7	39.8	0.7	7.8	-4.13	-4.21	-44.90	88.5	20.9	Valve Adjustment:No Change,Valve 50% open
OXHC2015	3/1/2023 14:16	51.7	34.9	0.3	13.1	-4.05	-4.05	-44.49	78.1	44.2	Valve Adjustment:No Change,Valve 40% open
OXHC2015	3/22/2023 13:59	52.5	36.5	0.1	10.9	-3.39	-3.39	-41.53	55.5	45.1	Valve Adjustment:No Change,Valve 40% open
OXHC2101	3/13/2023 10:09	58.5	40.6	0.0	0.9	-0.11	-0.11	-34.03	66.0	26.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXHC2101	3/15/2023 14:24	55.3	34.4	0.2	10.1	-0.10	-0.10	-35.53	72.3	8.8	Valve Adjustment:No Change,Valve 5% open
OXHC2101	3/25/2023 11:04	57.0	39.2	0.0	3.8	-0.01	-1.89	-30.00	69.4	24.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXLCR4A1	3/1/2023 14:20	59.7	38.8	0.0	1.5	-15.43	-15.34	-44.97	66.6	42.1	Valve Adjustment:No Change,Valve 30% open
OXLCR4A1	3/22/2023 14:01	54.8	38.4	0.1	6.7	-38.16	-37.77	-40.72	53.9	36.0	Valve Adjustment:No Change,Valve at minimum position
OXLCR4B1	3/13/2023 8:10	59.7	39.4	0.1	0.8	-0.08	-0.15	-41.43	52.1	5.7	Valve Adjustment:Opened valve 1/2 turn or less
OXLCR4B1	3/23/2023 11:39	48.4	32.4	3.9	15.3	-1.88	-0.99	-43.40	55.5	8.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	3/13/2023 9:39	56.0	34.0	0.2	9.8	-0.05	-0.06	-39.59	72.4	8.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXLCRS07	3/15/2023 14:51	60.7	39.2	0.1	0.0	-0.07	-0.14	-39.68	76.1	15.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXLCRS07	3/15/2023 14:52	60.2	39.0	0.4	0.4	-0.18	-0.27	-39.35	76.8	14.7	Valve Adjustment:No Change
OXLCRS10	3/13/2023 10:06	53.5	38.7	0.0	7.8	-7.62	-9.33	-31.39	82.1	36.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	3/15/2023 14:26	60.6	38.6	0.1	0.7	-12.29	-13.19	-33.32	81.8	34.3	Valve Adjustment:No Change,Valve 95% open
OXLCRS10	3/25/2023 10:55	59.3	40.7	0.0	0.0	-5.17	-5.21	-27.57	84.8	35.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS11	3/13/2023 10:04	53.1	37.9	0.4	8.6	-3.61	-3.61	-40.02	81.6	33.9	Valve Adjustment:No Change,Valve 65% open
OXLCRS11	3/15/2023 14:27	60.7	39.2	0.1	0.0	-3.65	-3.62	-42.28	79.5	34.6	Valve Adjustment:No Change,Valve 60% open
OXLCRS11	3/25/2023 10:49	56.6	42.8	0.0	0.6	-2.83	-4.10	-34.00	82.9	31.7	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 90% open



OXLRS3A	3/2/2023 14:37	57.6	42.2	0.2	0.0	-34.45	-34.65	-40.65	92.0	81.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS3A	3/14/2023 14:05	60.7	39.3	0.0	0.0	-31.80	-31.89	-36.45	86.9	126.8	Valve Adjustment:No Change,Valve 100% open
OXLRS3B	3/2/2023 14:35	59.0	41.0	0.0	0.0	-34.46	-34.53	-39.93	91.8	104.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLRS3B	3/14/2023 14:02	55.4	35.5	0.3	8.8	-33.82	-33.89	-37.69	87.2	118.0	Valve Adjustment:No Change,Valve 100% open
OXLRS7B	3/13/2023 9:33	49.2	34.8	0.8	15.2	-3.89	-4.42	-39.70	66.6	56.1	Valve Adjustment:No Change,Valve 20% open
OXLRS7B	3/15/2023 14:47	59.6	39.7	0.1	0.6	-12.41	-12.85	-39.21	73.9	5.8	Valve Adjustment:No Change,Valve 15% open
OXLRS9A	3/3/2023 14:04	52.4	38.9	0.0	8.7	-0.99	-1.01	-44.18	80.2	23.2	Valve Adjustment:No Change,Valve 10% open
OXLRS9A	3/16/2023 14:28	52.2	42.2	0.0	5.6	-0.72	-0.71	-37.11	80.0	30.4	Valve Adjustment:No Change,Valve 15% open
OXLRS9B	3/3/2023 14:05	53.4	44.6	0.0	2.0	-0.82	-0.83	-43.92	66.4	5.7	Valve Adjustment:No Change,Valve at minimum position
OXLRS9B	3/16/2023 14:30	53.1	45.4	0.8	0.7	-0.56	-0.57	-37.13	65.1	15.4	Valve Adjustment:No Change,Valve at minimum position
OXME302D	3/7/2023 10:07	63.1	36.7	0.2	0.0	-4.58	-9.07	-40.68	113.3	14.0	Valve Adjustment:Opened valve 1/2 turn or less
OXME302D	3/14/2023 9:55	55.8	35.4	0.0	8.8	-10.07	-10.56	-37.57	116.5	21.2	Valve Adjustment:Opened valve 1/2 turn or less
OXME306D	3/6/2023 13:08	48.0	37.5	0.3	14.2	-7.63	-7.74	-40.51	117.9	7.9	Valve Adjustment:No Change,Valve 40% open
OXME306D	3/14/2023 9:44	55.1	36.7	0.1	8.1	-5.34	-6.18	-37.07	117.5	4.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXME312D	3/9/2023 10:57	33.2	34.6	0.0	32.2	-1.94	-1.91	-37.17	77.7	7.3	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	3/15/2023 8:59	42.9	37.8	0.0	19.3	-1.55	-1.55	-36.71	63.7	6.9	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	3/10/2023 12:27	59.9	40.0	0.1	0.0	-32.77	-32.78	-34.22	125.9	23.7	Valve Adjustment:No Change,Valve 100% open
OXME316D	3/16/2023 15:40	58.2	40.0	0.0	1.8	-31.69	-31.69	-33.55	125.9	24.3	Valve Adjustment:No Change,Valve 100% open
OXME317D	3/10/2023 12:31	59.5	40.4	0.1	0.0	-36.09	-36.10	-36.08	65.3	26.4	Valve Adjustment:No Change
OXME317D	3/16/2023 15:36	56.4	39.4	0.2	4.0	-34.72	-34.69	-35.29	68.3	8.4	Valve Adjustment:No Change
OXMEW113	3/10/2023 9:52	46.8	38.2	0.9	14.1	-3.12	-3.12	-40.23	64.3	0.0	Valve Adjustment:No Change
OXMEW113	3/15/2023 13:22	41.8	36.7	1.9	19.6	-37.88	-37.76	-37.86	65.6	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	3/6/2023 12:31	54.8	36.8	2.0	6.4	-41.02	-40.65	-40.84	75.1	6.6	Valve Adjustment:No Change
OXMEW122	3/16/2023 13:47	56.9	41.3	1.7	0.1	-38.11	-38.16	-38.47	76.6	0.0	Valve Adjustment:No Change
OXMEW126	3/10/2023 10:29	53.2	40.4	0.1	6.3	-35.14	-35.15	-37.94	52.6	78.7	Valve Adjustment:No Change,Valve 100% open
OXMEW126	3/15/2023 13:39	60.1	39.8	0.1	0.0	-35.00	-34.93	-36.73	56.4	109.0	Valve Adjustment:No Change,Valve 100% open
OXMEW138	3/2/2023 14:32	38.7	35.8	0.1	25.4	-6.33	-4.56	-37.97	63.9	4.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW138	3/2/2023 14:41	55.8	40.7	1.1	2.4	-39.83	-39.90	-40.28	64.2	3.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW138	3/14/2023 14:08	51.5	38.9	0.1	9.5	-3.76	-3.77	-37.34	60.9	4.5	Valve Adjustment:No Change,Valve at minimum position
OXMEW145	3/10/2023 9:32	50.6	39.3	2.6	7.5	-38.72	-38.67	-39.45	90.6	8.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMEW145	3/15/2023 13:02	52.3	38.1	2.4	7.2	-37.36	-37.54	-38.10	92.2	6.7	Valve Adjustment:No Change,Valve 100% open
OXMEW156	3/1/2023 14:40	54.2	39.5	0.2	6.1	-24.39	-27.31	-42.09	56.6	3.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW156	3/21/2023 12:31	57.2	37.7	0.3	4.8	-26.08	-26.11	-36.82	53.9	3.7	Valve Adjustment:No Change,Valve at minimum position
OXMEW158	3/10/2023 10:43	57.2	42.7	0.1	0.0	-32.26	-32.28	-39.69	57.5	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW158	3/15/2023 13:49	55.9	44.1	0.0	0.0	-32.63	-32.60	-38.24	63.5	0.0	Valve Adjustment:No Change,Valve at minimum position

OXMEW159	3/10/2023 10:41	59.3	37.7	0.0	3.0	-6.04	-10.96	-39.77	56.5	0.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW159	3/15/2023 13:46	57.7	42.3	0.0	0.0	-14.84	-14.84	-38.69	62.9	0.3	Valve Adjustment:No Change,Valve at minimum position
OXMEW162	3/6/2023 12:10	54.8	33.6	3.7	7.9	-37.47	-37.58	-39.93	65.1	0.0	Valve Adjustment:No Change
OXMEW162	3/14/2023 8:53	47.7	30.4	3.8	18.1	-35.09	-34.61	-36.91	57.1	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW170	3/2/2023 9:19	53.6	30.9	2.8	12.7	-42.40	-42.39	-43.29	54.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEW170	3/21/2023 8:55	55.2	28.5	2.2	14.1	-34.64	-34.66	-35.70	43.0	0.3	Valve Adjustment:No Change,Valve at minimum position
OXMEW173	3/2/2023 8:06	51.2	38.8	0.0	10.0	-2.57	-2.57	-43.76	83.0	30.2	Valve Adjustment:No Change
OXMEW173	3/21/2023 12:56	58.2	38.6	0.0	3.2	-0.46	-0.46	-35.91	81.0	0.0	Valve Adjustment:No Change
OXMEW174	3/1/2023 14:37	52.0	41.3	0.6	6.1	-11.26	-11.26	-41.81	54.8	9.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW174	3/21/2023 12:30	53.7	30.7	0.4	15.2	-10.61	-10.61	-37.67	54.5	7.3	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	3/1/2023 14:46	55.8	33.9	0.6	9.7	-23.55	-24.52	-42.17	57.0	6.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	3/21/2023 12:34	56.6	39.1	0.1	4.2	-33.21	-33.22	-37.04	54.3	2.7	Valve Adjustment:No Change,Valve at minimum position
OXMEW176	3/2/2023 14:00	53.2	39.5	0.3	7.0	-20.91	-20.90	-38.82	109.2	42.6	Valve Adjustment:No Change
OXMEW181	3/10/2023 11:19	59.4	40.6	0.0	0.0	-32.81	-32.18	-39.41	110.7	38.3	Valve Adjustment:No Change
OXMEW181	3/22/2023 13:01	57.6	42.4	0.0	0.0	-21.36	-21.06	-37.31	113.3	0.0	Valve Adjustment:No Change
OXMEW182	3/10/2023 12:40	48.1	39.3	3.2	9.4	-34.12	-33.94	-36.82	117.4	9.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMEW182	3/16/2023 15:27	46.7	37.3	3.2	12.8	-33.27	-33.17	-35.99	117.3	17.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW183	3/10/2023 10:19	49.2	41.4	3.1	6.3	-7.66	-7.76	-38.16	115.0	47.0	Valve Adjustment:No Change
OXMEW183	3/22/2023 13:13	54.1	38.0	0.0	7.9	-7.65	-7.66	-35.79	115.6	47.0	Valve Adjustment:No Change
OXMEW184	3/9/2023 9:35	40.3	35.6	0.1	24.0	-0.41	-0.41	-37.93	116.7	17.3	Valve Adjustment:No Change
OXMEW184	3/14/2023 13:07	49.0	38.8	0.0	12.2	-0.56	-0.57	-38.09	121.7	21.1	Valve Adjustment:No Change
OXMEW185	3/9/2023 9:19	49.2	40.1	0.4	10.3	-0.51	-0.49	-37.76	117.0	18.0	Valve Adjustment:No Change
OXMEW185	3/14/2023 13:04	48.7	39.2	0.3	11.8	-0.98	-0.97	-38.08	115.2	17.1	Valve Adjustment:No Change
OXMEW186	3/9/2023 11:09	50.3	42.2	4.6	2.9	-0.33	-0.33	-37.69	46.6	2.2	Valve Adjustment:No Change,Valve 10% open
OXMEW186	3/15/2023 8:44	39.9	34.9	4.2	21.0	-3.72	-1.69	-36.78	108.3	14.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW187	3/9/2023 9:56	34.1	36.4	0.0	29.5	-1.83	-1.57	-38.13	115.5	29.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW187	3/14/2023 13:17	42.3	38.3	0.0	19.4	-1.66	-1.43	-37.81	113.7	24.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	3/9/2023 9:03	50.1	38.2	0.0	11.7	-1.05	-1.05	-37.71	111.4	12.3	Valve Adjustment:No Change
OXMEW188	3/14/2023 13:28	52.4	38.5	0.0	9.1	-1.20	-1.23	-37.87	108.2	12.0	Valve Adjustment:No Change
OXMEW189	3/10/2023 10:08	45.7	34.4	0.0	19.9	-6.33	-6.06	-32.41	120.0	30.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	3/14/2023 13:34	51.0	36.3	0.1	12.6	-6.24	-6.18	-37.47	118.8	74.1	Valve Adjustment:No Change
OXMEW190	3/9/2023 10:45	49.3	38.1	0.1	12.5	-18.72	-18.66	-35.78	123.6	38.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW190	3/15/2023 9:01	52.5	39.3	0.1	8.1	-15.05	-15.08	-35.99	123.6	34.7	Valve Adjustment:No Change
OXMEW191	3/2/2023 8:13	50.4	40.2	0.0	9.4	-6.26	-6.30	-43.61	121.6	20.2	Valve Adjustment:No Change
OXMEW191	3/21/2023 10:09	44.3	36.1	0.0	19.6	-8.71	-8.47	-35.81	119.3	20.7	Valve Adjustment:Closed valve 1/2 turn or less

OXMEW192	3/1/2023 15:25	50.0	36.9	0.0	13.1	-15.95	-15.00	-43.25	80.2	7.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW192	3/21/2023 12:46	53.8	38.1	0.0	8.1	-12.42	-12.25	-37.05	73.7	5.9	Valve Adjustment:No Change,Valve 5% open
OXMEW194	3/10/2023 11:26	57.4	41.3	0.0	1.3	-38.37	-38.43	-39.16	77.4	12.9	Valve Adjustment:No Change
OXMEW194	3/22/2023 13:21	56.0	41.9	0.1	2.0	-36.07	-36.12	-36.52	76.8	11.8	Valve Adjustment:No Change
OXMEW196	3/10/2023 12:45	47.8	36.8	0.1	15.3	-25.72	-25.47	-36.65	116.2	29.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	3/16/2023 15:24	49.4	38.9	0.0	11.7	-25.90	-25.96	-35.99	115.9	48.9	Valve Adjustment:No Change
OXMEW199	3/9/2023 11:14	52.0	39.5	0.0	8.5	-8.17	-8.17	-37.13	122.2	0.0	Valve Adjustment:No Change
OXMEW199	3/15/2023 8:49	50.6	39.6	0.1	9.7	-8.40	-8.51	-36.46	123.4	29.6	Valve Adjustment:No Change
OXMEW200	3/9/2023 9:45	52.8	38.2	0.0	9.0	-0.09	-0.29	-38.07	111.3	10.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	3/14/2023 13:12	48.5	39.3	0.0	12.2	-1.18	-1.18	-38.02	113.8	13.7	Valve Adjustment:No Change
OXMEW201	3/9/2023 9:16	50.0	40.1	0.0	9.9	-0.19	-0.19	-37.48	88.2	31.2	Valve Adjustment:No Change
OXMEW201	3/14/2023 13:01	50.1	38.7	0.0	11.2	-0.47	-0.47	-37.83	86.7	6.1	Valve Adjustment:No Change
OXMEW203	3/10/2023 9:57	41.7	32.2	0.5	25.6	-28.94	-25.94	-39.62	70.8	19.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXMEW203	3/27/2023 10:30	44.1	29.8	0.9	25.2	-23.14	-20.92	-35.49	72.6	10.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW204	3/2/2023 15:06	51.2	38.7	0.4	9.7	-2.34	-1.96	-40.19	92.9	3.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXMEW204	3/14/2023 11:19	55.1	41.0	0.1	3.8	-0.06	-2.26	-35.18	80.2	2.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXMEW205	3/9/2023 10:07	29.1	33.9	0.0	37.0	-0.89	-0.61	-37.67	124.3	0.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXMEW205	3/14/2023 13:24	39.4	36.6	0.1	23.9	-0.71	-0.71	-37.88	112.7	0.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXMEW209	3/7/2023 10:58	58.5	39.3	0.0	2.2	-7.06	-6.69	-40.76	131.9	11.0	Valve Adjustment:NSP/CAI,Closed valve 1/2 turn or less
OXMEW209	3/7/2023 10:59	57.5	41.8	0.7	0.0	-6.11	-6.09	-41.05	129.7	8.6	Valve Adjustment:No Change,Valve 20% open
OXMEW209	3/14/2023 10:24	52.1	38.4	0.1	9.4	-0.05	-0.54	-36.62	124.0	11.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEW210	3/6/2023 13:04	52.5	31.3	0.4	15.8	-37.86	-37.64	-40.00	125.2	1.0	Valve Adjustment:No Change,Valve 100% open
OXMEW210	3/14/2023 9:38	55.5	33.3	0.1	11.1	-34.02	-34.02	-36.20	125.3	1.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW300	3/7/2023 10:21	58.2	32.9	0.7	8.2	-19.54	-20.12	-40.63	100.1	15.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEW300	3/14/2023 10:04	56.0	37.4	0.6	6.0	-18.82	-18.81	-36.84	100.0	17.5	Valve Adjustment:No Change
OXMEW302	3/7/2023 9:04	46.9	30.1	0.3	22.7	-4.23	-3.63	-40.46	98.4	31.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	3/14/2023 9:52	49.5	31.5	0.1	18.9	-0.73	-0.74	-36.99	82.0	6.4	Valve Adjustment:No Change
OXMEW306	3/6/2023 13:12	44.9	35.5	0.0	19.6	-7.29	-6.90	-40.11	60.7	7.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	3/14/2023 9:47	43.0	30.5	2.7	23.8	-5.70	-5.75	-36.78	55.6	5.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	3/10/2023 9:26	55.7	40.1	0.3	3.9	-39.00	-39.02	-39.32	79.1	3.1	Valve Adjustment:No Change,Valve 100% open
OXMEW307	3/15/2023 12:56	56.3	39.9	0.5	3.3	-37.89	-37.91	-38.03	81.4	0.6	Valve Adjustment:No Change,Valve 100% open
OXMEW309	3/7/2023 10:39	52.1	40.6	0.5	6.8	-23.89	-23.82	-40.15	128.3	45.8	Valve Adjustment:No Change
OXMEW309	3/14/2023 10:19	52.6	39.3	0.2	7.9	-19.56	-19.65	-35.91	127.8	43.1	Valve Adjustment:No Change
OXMEW310	3/6/2023 15:01	48.4	41.1	1.1	9.4	-9.00	-8.91	-35.99	113.2	26.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	3/16/2023 15:20	51.4	37.7	0.5	10.4	-9.22	-9.24	-35.51	110.6	44.1	Valve Adjustment:No Change

OXMEW311	3/6/2023 13:24	52.1	36.8	0.1	11.0	-28.09	-28.09	-39.54	116.9	24.7	Valve Adjustment:No Change
OXMEW311	3/14/2023 11:00	54.0	44.2	0.0	1.8	-24.62	-24.58	-36.79	116.8	25.8	Valve Adjustment:No Change
OXMEW312	3/9/2023 11:02	47.7	36.5	0.0	15.8	-4.68	-4.62	-36.69	76.1	10.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	3/15/2023 8:56	53.5	40.6	0.0	5.9	-3.66	-3.66	-37.05	71.2	0.0	Valve Adjustment:No Change
OXMEW315	3/7/2023 11:08	53.5	40.1	0.0	6.4	-37.22	-37.96	-38.00	118.7	14.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXMEW315	3/14/2023 10:33	57.5	41.7	0.1	0.7	-34.44	-34.68	-36.07	117.3	12.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXMEW316	3/10/2023 12:26	58.4	39.5	0.1	2.0	-33.80	-34.13	-35.58	98.2	8.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	3/16/2023 15:42	58.5	40.9	0.0	0.6	-33.30	-33.30	-35.42	99.1	9.3	Valve Adjustment:No Change
OXMEW317	3/10/2023 12:30	59.0	40.8	0.2	0.0	-36.13	-36.10	-36.28	102.6	13.9	Valve Adjustment:No Change
OXMEW317	3/16/2023 15:38	58.5	41.1	0.1	0.3	-35.22	-35.22	-35.65	102.7	11.3	Valve Adjustment:No Change
OXMEW318	3/10/2023 12:36	55.5	40.1	0.1	4.3	-3.51	-3.53	-36.39	108.7	37.9	Valve Adjustment:No Change
OXMEW318	3/16/2023 15:31	54.8	37.3	0.0	7.9	-3.20	-3.19	-35.86	108.5	38.7	Valve Adjustment:No Change
OXMEW319	3/6/2023 15:11	53.3	40.8	0.2	5.7	-10.86	-10.99	-36.60	104.2	54.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW319	3/16/2023 15:13	54.4	40.6	0.2	4.8	-12.14	-12.13	-35.83	104.5	233.9	Valve Adjustment:No Change
OXMEW320	3/6/2023 14:48	55.4	42.2	0.9	1.5	-36.69	-36.68	-37.10	121.2	0.0	Valve Adjustment:No Change,Valve 100% open
OXMEW320	3/9/2023 10:37	58.2	40.1	0.1	1.6	-35.81	-35.77	-36.13	119.9	10.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	3/15/2023 9:11	56.4	39.0	0.1	4.5	-36.24	-36.25	-36.43	121.7	12.0	Valve Adjustment:No Change
OXMEW322	3/10/2023 12:23	58.2	38.7	0.2	2.9	-36.71	-36.77	-37.41	115.4	20.0	Valve Adjustment:No Change,Valve 100% open
OXMEW322	3/22/2023 12:24	58.3	40.9	0.0	0.8	-34.79	-34.77	-35.89	116.4	20.2	Valve Adjustment:No Change,Valve 100% open
OXMEW323	3/6/2023 12:39	56.0	37.2	1.6	5.2	-36.88	-36.79	-38.20	110.6	0.0	Valve Adjustment:No Change,Valve 100% open
OXMEW323	3/22/2023 11:47	55.5	34.5	0.2	9.8	-33.47	-33.43	-34.81	110.9	26.1	Valve Adjustment:No Change
OXMEW328	3/3/2023 14:56	57.2	40.5	0.0	2.3	-29.06	-30.22	-35.49	81.0	15.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	3/16/2023 14:44	56.4	39.6	0.0	4.0	-26.00	-26.31	-29.07	78.1	18.8	Valve Adjustment:No Change
OXMEWHC1	3/10/2023 9:18	53.1	35.6	0.4	10.9	-39.85	-39.81	-40.15	49.8	N/A	Valve Adjustment:No Change
OXMEWHC1	3/15/2023 12:48	58.3	35.2	0.3	6.2	-38.21	-38.29	-38.30	66.2	N/A	Valve Adjustment:No Change
OXMEWWW05	3/2/2023 13:29	57.6	42.4	0.0	0.0	-42.29	-41.95	-42.24	100.2	6.5	Valve Adjustment:No Change,Valve 100% open
OXMEWWW05	3/22/2023 10:52	55.7	40.8	0.1	3.4	-38.25	-38.26	-38.52	105.8	17.3	Valve Adjustment:No Change,Valve 100% open
OXMEWWW06	3/2/2023 13:52	57.3	41.6	0.0	1.1	-40.91	-41.18	-40.97	79.8	11.9	Valve Adjustment:No Change,Valve 100% open
OXMEWWW06	3/22/2023 10:49	56.6	42.7	0.0	0.7	-37.91	-37.86	-38.19	77.8	13.8	Valve Adjustment:No Change,Valve 100% open
OXMEWWW08	3/13/2023 8:05	57.5	41.5	0.2	0.8	-6.91	-6.97	-39.94	51.9	0.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWWW08	3/21/2023 12:50	58.1	39.5	0.0	2.4	-1.99	-2.59	-36.29	54.8	8.8	Valve Adjustment:No Change,Valve at minimum position
OXMEWWW17	3/3/2023 13:47	49.3	34.6	1.5	14.6	-40.64	-40.84	-40.70	62.3	2.5	Valve Adjustment:No Change
OXMEWWW18	3/3/2023 13:53	53.4	37.4	0.7	8.5	-0.02	-0.05	-44.06	59.1	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWWW18	3/28/2023 9:25	58.7	41.1	0.2	0.0	0.20	-0.35	-37.45	45.7	0.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXMEWWW18	3/28/2023 9:27	58.7	41.3	0.0	0.0	-2.14	-2.11	-37.38	46.6	0.0	Valve Adjustment:No Change,Valve at minimum position

OXMEWW1G	3/2/2023 13:14	59.6	34.3	0.3	5.8	-41.00	-42.47	-44.73	69.3	5.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXMEWW1G	3/21/2023 13:36	56.6	39.8	0.0	3.6	-35.44	-35.41	-35.72	50.1	0.8	Valve Adjustment:No Change,Valve 35% open
OXMEWW1I	3/2/2023 13:34	60.6	39.3	0.1	0.0	-39.66	-39.68	-39.96	60.4	0.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1I	3/22/2023 10:58	49.6	30.6	4.4	15.4	-36.39	-36.37	-36.78	53.6	0.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1J	3/2/2023 13:36	50.9	37.4	0.5	11.2	-13.85	-13.80	-40.15	69.8	6.4	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1J	3/22/2023 11:00	52.4	32.1	0.2	15.3	-33.11	-33.07	-36.82	56.8	2.3	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1K	3/2/2023 13:40	58.2	39.1	0.2	2.5	-41.54	-41.41	-41.51	60.8	9.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1K	3/22/2023 11:04	56.9	36.9	0.7	5.5	-38.41	-38.37	-38.47	55.0	11.1	Valve Adjustment:No Change
OXMEWW1S	3/2/2023 14:12	58.1	40.5	0.0	1.4	-24.90	-24.91	-38.05	65.9	19.5	Valve Adjustment:No Change
OXMEWW1S	3/22/2023 11:19	59.0	40.9	0.1	0.0	-23.48	-23.46	-34.64	64.4	18.2	Valve Adjustment:No Change
OXMHCF03	3/10/2023 13:09	54.0	35.7	0.3	10.0	-42.49	-42.44	-42.58	59.6	1.7	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	3/16/2023 13:37	49.8	38.6	0.6	11.0	-42.54	-42.52	-43.05	68.7	15.9	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	3/10/2023 13:06	48.0	38.8	2.4	10.8	-43.45	-43.45	-43.48	58.2	1.4	Valve Adjustment:No Change
OXMHCF04	3/16/2023 13:34	46.5	37.6	3.6	12.3	-42.14	-42.14	-43.19	69.3	0.0	Valve Adjustment:No Change
OXMPEW30	3/2/2023 12:15	59.6	38.1	0.2	2.1	-45.95	-46.03	-46.11	58.2	2.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXMPEW30	3/21/2023 13:10	53.5	36.0	0.2	10.3	-36.48	-36.52	-36.64	50.1	2.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	3/2/2023 13:01	59.5	40.4	0.1	0.0	-45.64	-45.73	-46.05	56.8	11.0	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	3/21/2023 13:29	53.2	39.4	0.1	7.3	-36.70	-36.80	-36.85	51.0	2.3	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	3/1/2023 14:51	58.5	38.7	0.5	2.3	-41.13	-41.21	-41.71	55.4	1.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMPEW32	3/21/2023 12:37	52.5	33.2	0.3	14.0	-36.46	-36.41	-37.22	51.7	0.4	Valve Adjustment:No Change,Valve at minimum position
OXMPEW33	3/1/2023 15:30	54.1	38.9	0.0	7.0	-19.34	-21.70	-43.25	78.3	18.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open,Valve 30% open
OXMPEW33	3/21/2023 12:40	59.2	38.7	0.0	2.1	-34.50	-34.55	-37.70	68.1	7.0	Valve Adjustment:No Change,Valve 20% open
<b>OXMPEW35</b>	3/2/2023 12:28	54.3	41.6	0.0	4.1	-35.75	-38.43	-42.11	124.6	22.0	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXMPEW35</b>	3/21/2023 13:19	56.9	41.6	0.0	1.5	-30.59	-30.59	-36.78	122.6	28.3	Valve Adjustment:No Change
OXMPEW44	3/3/2023 13:44	60.0	33.9	0.2	5.9	-41.50	-41.52	-41.55	63.8	4.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW44	3/22/2023 11:15	58.1	40.6	0.0	1.3	-33.63	-33.61	-33.95	56.1	1.8	Valve Adjustment:No Change,Valve 100% open
OXSS2032	3/23/2023 8:32	53.3	45.9	0.1	0.7	2.34	2.34	-37.90	50.4	5.8	Valve Adjustment:No Change,Valve at minimum position
OXSS2032	3/23/2023 9:12	53.5	45.8	0.1	0.6	2.44	1.22	-37.89	49.8	6.8	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 30% open
OXSS2032	3/23/2023 10:48	53.6	45.4	0.1	0.9	0.20	0.10	-36.66	55.3	32.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXSS2032	3/23/2023 13:49	53.9	46.0	0.1	0.0	-0.36	-0.62	-36.96	62.3	35.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXSS2032	3/23/2023 15:26	54.0	44.5	0.0	1.5	-1.04	-1.04	-36.25	63.5	42.8	Valve Adjustment:No Change,Valve 30% open
OXSS2032	3/25/2023 11:10	54.0	45.2	0.0	0.8	-2.38	-2.52	-36.59	65.3	59.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXSS2033	3/13/2023 9:49	60.1	38.2	0.0	1.7	-0.14	-0.45	-34.08	56.7	16.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2033	3/15/2023 14:39	51.2	39.1	3.0	6.7	-2.25	-2.26	-31.64	74.1	13.1	Valve Adjustment:No Change,Valve at minimum position
OXSS2034	3/13/2023 9:44	57.6	36.8	0.3	5.3	-30.71	-30.62	-36.62	59.5	5.9	Valve Adjustment:No Change,Valve 100% open

OXSS2034	3/15/2023 14:42	58.5	38.5	0.1	2.9	-30.35	-30.40	-35.43	86.0	7.0	Valve Adjustment:No Change,Valve 100% open
OXSS2215	3/6/2023 13:50	50.1	38.1	1.9	9.9	-1.00	-1.02	-35.74	67.8	15.3	Valve Adjustment:No Change,Valve 25% open
OXSS2215	3/15/2023 10:13	57.5	35.8	0.8	5.9	-1.43	-1.43	-33.16	66.3	16.1	Valve Adjustment:No Change,Valve 20% open
OXSS2216	3/3/2023 14:10	44.2	34.0	4.8	17.0	-0.97	-0.93	-43.54	63.6	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXSS2216	3/28/2023 9:42	58.0	40.0	0.1	1.9	0.72	-0.05	-37.22	45.1	7.9	Valve Adjustment:NSPS(CAI)Opened valve 1/2 turn or less,Valve 10% open
OXSS2216	3/28/2023 9:43	59.0	40.3	0.0	0.7	-0.17	-0.56	-37.24	52.7	9.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open

<sup>1</sup> - Oxygen is only required to be monitored per NESHAP Subpart AAAAA and high percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are highlighted for reporting purposes only.

**Bold Italics** = HOV/LTCO approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions recorded by GEM.

\*\*Well OXEWHC6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

≤140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii)
OXEW1618, OXMEW205, OXMEW209, OXMEW335

≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(j)
OMTLT01, OMTLT02, OMTLT03, OMTLT04, OMTLT05, OMTLT06, OMTLT07, OMTLT08, OMTLT09, OMTLT10, OMTLT11, OMTLT12, OMTLT15, OMTLT16, OMTLT17, OMTLT18, OMTLT19, OMTLT20, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS06, OXLCRS06, OXLCRS07, OXMEWHC6, OXMTBTC4, OXMEWW17, and OXMHCF06.

LTCO per Title V Permit Condition Number 10164 part 18(g)(i)
OMTLT01, OMTLT02, OMTLT03, OMTLT04, OMTLT05, OMTLT06, OMTLT07, OMTLT08, OMTLT09, OMTLT10, OMTLT11, OMTLT12, OMTLT15, OMTLT16, OMTLT17, OMTLT18, OMTLT19, OMTLT20, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS06, OXLCRS06, OXLCRS07.

\*Wells that have been decommissioned are noted with a strikethrough.

## APPENDIX K

### WELLFIELD DEVIATION LOG

**Ox Mountain Landfill, Half Moon Bay, California**  
**OCTOBER 1, 2022 THROUGH MARCH 31, 2023 WELLFIELD DEVIATION LOG**

REPORT PREPARED BY: Tetra Tech  
 4/1/2023  
 UPDATED DATE: GEM & Elkins Earthworks  
 LFG MONITORING DEVICE: 2000 & Envision  
 MODEL: DAILY  
 DATE LAST CALIBRATED:

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure		Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
						in. wc.	Deg. F.			
OMTLTS03	10/25/2022 11:08	6.5	6.4	18.1	69.0	-0.16	57.3	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position	Days	
OMTLTS03	10/25/2022 11:08	10.2	8.8	15.8	65.2	-0.21	57.6	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position		
OMTLTS03	10/31/2022 13:35	20.5	17.3	11.8	50.4	-0.03	62.2	Valve Adjustment: No Change, Valve at minimum position	6	
Comments: An oxygen exceedance was detected at OMTLTS03 on October 25, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on October 31, 2022 and no further exceedance was detected. Well OMTLTS03 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).										
OMTLTS08	9/12/2022 11:27	0.3	1.3	22.0	76.4	-0.04	66.1	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less		
OMTLTS08	9/12/2022 11:28	0.3	0.8	21.7	77.2	-0.04	66.5	Valve Adjustment: NSPS		
OMTLTS08	9/19/2022 13:51	0.3	0.4	21.0	78.3	-0.07	76.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less		
OMTLTS08	9/19/2022 13:53	0.1	0.0	21.1	78.8	-0.07	78.0	Valve Adjustment: NSPS		
OMTLTS08	10/14/2022 10:52	0.1	0.8	22.4	76.7	-0.05	55.1	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less		
OMTLTS08	10/14/2022 10:53	0.0	0.3	22.5	77.2	-0.05	55.7	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less		
OMTLTS08	10/28/2022 9:25	0.2	0.3	22.7	76.8	-0.17	64.0	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less		
OMTLTS08	10/28/2022 9:27	0.2	0.3	22.6	76.9	-0.14	66.5	Valve Adjustment: NSPS, Valve at minimum position		
OMTLTS08	11/9/2022 10:12	0.7	5.4	20.5	73.4	-0.24	62.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less		
OMTLTS08	11/9/2022 10:13	0.6	1.9	21.0	76.5	-0.27	65.9	Valve Adjustment: NSPS, Valve at minimum position		
OMTLTS08	11/28/2022 10:56	8.2	13.7	5.6	72.5	-0.66	82.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	77	
Comments: An oxygen exceedance was detected at OMTLTS08 on September 12, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the dates noted above but the well remained in exceedance. The well was re-monitored on November 28, 2022 and no further exceedance was detected. Well OMTLTS08 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).										
OXEWS133B	12/6/2022 12:58	14.8	20.7	5.4	59.1	-8.60	74.5	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less		
OXEWS133B	12/6/2022 13:19	15.7	19.7	5.6	59.0	-7.25	75.7	Valve Adjustment: NSPS, Closed valve 1/2 turn or less		
OXEWS133B	12/13/2022 10:20	10.4	19.9	6.4	63.3	-5.33	65.0	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less		
OXEWS133B	12/13/2022 10:28	10.3	19.7	6.6	63.4	-4.49	62.5	Valve Adjustment: NSPS, Closed valve 1/2 turn or less		
OXEWS133B	12/29/2022 9:46	4.2	10.6	21.0	64.2	-1.78	56.4	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less		
OXEWS133B	12/29/2022 9:48	0.6	3.3	21.6	74.5	-1.92	56.2	Valve Adjustment: NSPS		
OXEWS133B	12/29/2022 9:51	0.2	1.7	21.7	76.4	-2.13	56.2	Valve Adjustment: NSPS		
OXEWS133B	1/5/2023 10:26	0.1	0.7	22.4	76.8	-4.18	53.1	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less		
OXEWS133B	1/5/2023 10:26	0.1	0.6	22.3	77.0	-4.45	53.1	Valve Adjustment: NSPS		
OXEWS133B	1/26/2023 12:18	15.5	23.5	4.7	56.3	-37.49	67.4	Valve Adjustment: Closed valve 1/2 turn or less	51	
Comments: An oxygen exceedance was detected at OXEWS133B on December 6, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the dates noted above but the well remained in exceedance. The well was re-monitored on January 26, 2023 and no further exceedance was detected.										
OXEWS133B	2/27/2023 10:51	23.4	25.8	5.3	45.5	-13.54	72.7	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less		
OXEWS133B	2/27/2023 10:54	22.5	25.6	5.7	46.2	-8.75	72.5	Valve Adjustment: NSPS		
OXEWS133B	3/7/2023 12:32	24.3	24.6	2.2	48.9	-33.33	65.2	Valve Adjustment: Closed valve 1/2 turn to 1 turn	8	
Comments: An oxygen exceedance was detected at OXEWS133B on February 27, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on March 7, 2023 and no further exceedance was detected.										



Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure		Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
						in. wc.	Deg. F.			
OXEW133B	3/27/2023 10:24	22.4	22.8	6.8	48.0	-30.39	87.3	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn	<1	
OXEW133B	3/27/2023 10:35	41.5	29.1	4.3	25.1	-6.59	72.1	Valve Adjustment: No Change	<1	
Comments: An oxygen exceedance was detected at OXEW133B on March 27, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXEW1603	10/11/2022 12:42	58.2	41.8	0.0	0.0	8.68	81.5	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 10% open	<1	
OXEW1603	10/11/2022 12:44	59.5	40.5	0.0	0.0	-13.27	113.5	Valve Adjustment: Opened valve 1/2 turn or less, Valve 25% open	<1	
Comments: A pressure exceedance was detected at OXEW1603 on October 11, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXEW1611	12/8/2022 11:48	57.4	39.4	0.9	2.3	0.70	53.4	Valve Adjustment: NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less	<1	
OXEW1611	12/8/2022 11:51	56.7	41.1	0.9	1.3	-0.41	53.4	Valve Adjustment: No Change, Valve at minimum position	<1	
Comments: A pressure exceedance was detected at OXEW1611 on December 8, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXEW1618	10/11/2022 13:36	57.4	42.6	0.0	0.0	0.30	127.9	Valve Adjustment: NSPS, Opened valve 1/2 turn or less, Valve 10% open	<1	
OXEW1618	10/11/2022 13:38	57.8	42.2	0.0	0.0	-0.10	129.2	Valve Adjustment: No Change	<1	
Comments: A pressure exceedance was detected at OXEW1618 on October 11, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXEW1618	11/3/2022 13:57	56.0	40.0	0.6	3.4	0.74	124.3	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 20% open	<1	
OXEW1618	11/3/2022 14:05	56.2	41.3	0.3	2.2	-0.19	128.9	Valve Adjustment: No Change	<1	
Comments: A pressure exceedance was detected at OXEW1618 on November 3, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXEW1618	3/27/2023 11:07	53.8	35.3	0.2	10.7	0.49	127.3	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	<1	
OXEW1618	3/27/2023 11:09	58.1	39.8	0.0	2.1	-0.14	129.4	Valve Adjustment: No Change, Valve 35% open	<1	
Comments: A pressure exceedance was detected at OXEW1618 on March 27, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXEW1804	11/23/2022 11:46	40.2	38.3	5.6	15.9	-40.01	113.7	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 50% open	<1	
OXEW1804	11/23/2022 12:45	0.2	2.7	22.6	74.5	-6.79	80.2	Valve Adjustment: NSPS, Valve 10% open	<1	
OXEW1804	11/30/2022 9:41	59.2	39.1	0.2	1.5	0.93	111.5	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 20% open	<1	
OXEW1804	11/30/2022 9:43	57.1	41.2	0.9	0.8	-0.55	123.2	Valve Adjustment: No Change	7	
Comments: An oxygen exceedance was detected at OXEW1804 on November 23, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on November 30, 2022 and no further oxygen exceedance was detected but a additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXEW1804	12/23/2022 8:08	54.7	44.8	0.0	0.5	0.21	128.1	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 20% open	<1	
OXEW1804	12/23/2022 8:09	53.9	46.0	0.1	0.0	-0.18	128.3	Valve Adjustment: No Change	<1	
Comments: A pressure exceedance was detected at OXEW1804 on December 23, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXEW1807	9/9/2022 10:04	57.3	42.5	0.2	0.0	-0.58	131.8	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 25% open	<1	
OXEW1807	9/9/2022 10:11	57.7	42.3	0.0	0.0	-0.65	132.0	Valve Adjustment: NSPS	<1	
OXEW1807	9/19/2022 13:18	58.2	41.5	0.3	0.0	-1.54	131.7	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 15% open	<1	
OXEW1807	9/19/2022 13:26	59.1	38.4	0.2	2.3	2.50	131.9	<b>Adjusted Temperature Reading</b> Valve Adjustment: Opened valve 1/2 turn to 1 turn, Valve 25% open	<1	
OXEW1807	9/19/2022 13:29	60.0	39.9	0.1	0.0	-0.31	131.9	Valve Adjustment: NSPS	<1	
OXEW1807	10/14/2022 9:48	59.4	39.7	0.0	0.9	1.11	131.3	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 25% open	<1	
OXEW1807	10/14/2022 9:50	59.7	40.2	0.0	0.1	-0.10	131.6	Valve Adjustment: NSPS, Closed valve 1/2 turn or less	<1	

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure in. wc.	Initial Temperature Deg. F.	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period Days
OXEW1807	10/14/2022 9:51	58.9	40.9	0.2	0.0	-0.10	131.6	Valve Adjustment: NSPS	
OXEW1807	10/27/2022 13:18	56.3	43.7	0.0	0.0	-0.45	131.8	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 20% open	
OXEW1807	10/27/2022 13:29	55.8	44.2	0.0	0.0	0.05	132.1	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXEW1807	10/27/2022 13:31	55.1	44.9	0.0	0.0	-0.13	132.0	Valve Adjustment: NSPS	
OXEW1807	11/11/2022 13:48	55.1	44.9	0.0	0.0	0.28	131.7	Valve Adjustment: NSPS, Opened valve 1/2 turn or less, Valve 20% open	
OXEW1807	11/11/2022 13:50	58.5	40.5	0.0	1.0	-0.10	131.7	Valve Adjustment: NSPS, Valve 25% open	
OXEW1807	11/28/2022 11:41	58.2	41.8	0.0	0.0	-0.13	132.5	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW1807	11/28/2022 11:46	57.2	42.8	0.0	0.0	-0.11	132.5	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW1807	12/12/2022 9:51	57.6	42.4	0.0	0.0	-0.96	130.2	Valve Adjustment: Opened valve 1/2 turn or less	94
Comments: A temperature exceedance was detected at OXEW1807 on September 9, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on September 19, 2022 and an additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further pressure exceedance was detected but the temperature exceedance remained. The well was re-monitored on October 14, 2022 and an additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further pressure exceedance remained. The well was re-monitored on October 27, 2022 and an additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further pressure exceedance remained. The well was re-monitored on November 11, 2022 and an additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further pressure exceedance was detected but the temperature exceedance remains as of November 28, 2022. On December 12, 2022 TT O&M personnel re-monitored the well and no further exceedance was detected.									
OXEW1807	12/28/2022 14:00	53.1	42.9	0.0	4.0	-0.60	131.0	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW1807	12/28/2022 14:03	56.4	43.6	0.0	0.0	-0.03	130.9	Valve Adjustment: NSPS, Valve 20% open	<1
Comments: A temperature exceedance was detected at OXEW1807 on December 28, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1808	11/29/2022 7:50	38.0	29.1	7.4	25.5	-40.26	47.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn to 1 turn	
OXEW1808	11/29/2022 8:45	34.5	24.6	8.6	32.3	-40.11	51.9	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW1808	11/30/2022 11:40	57.4	20.8	2.3	19.5	-38.83	57.1	Valve Adjustment: No Change, Valve at minimum position	1
Comments: An oxygen exceedance was detected at OXEW1808 on November 29, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on November 30, 2022 and no further oxygen exceedance was detected									
OXEW1808	3/13/2023 9:46	8.5	8.5	18.1	64.9	-20.59	55.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1808	3/13/2023 9:47	2.6	3.9	20.4	73.1	-10.00	55.5	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1808	3/23/2023 9:24	56.9	37.1	3.1	2.9	-0.05	45.6	Valve Adjustment: No Change, Valve at minimum position	10
Comments: An oxygen exceedance was detected at OXEW1808 on March 13, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on March 23, 2023 and no further exceedance was detected.									
OXEW1822	1/19/2023 12:10	40.3	27.8	0.0	31.9	0.08	58.3	Valve Adjustment: NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less	
OXEW1822	1/19/2023 12:15	40.5	27.0	0.0	32.5	-3.63	60.7	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	<1
Comments: A pressure exceedance was detected at OXEW1822 on January 19, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1826	10/25/2022 12:01	20.1	14.5	12.8	52.6	-0.97	63.4	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position	
OXEW1826	10/25/2022 12:03	22.0	16.3	11.9	49.8	-0.96	63.3	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position	
OXEW1826	10/31/2022 12:50	41.7	33.7	3.7	20.9	-0.78	62.4	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	6
Comments: An oxygen exceedance was detected at OXEW1826 on October 25, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remains in exceedance. The well was re-monitored on October 31, 2022 and no further exceedance was detected.									
OXEW1826	12/23/2022 11:23	44.4	38.0	2.8	14.8	0.01	64.1	Valve Adjustment: NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less	
OXEW1826	12/23/2022 11:25	45.4	39.2	2.5	12.9	-0.04	66.3	Valve Adjustment: No Change, Valve at minimum position	<1
Comments: A pressure exceedance was detected at OXEW1826 on December 23, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
		%	%	%	%	in. wc.	Deg. F.		Days
OXEW1901	9/7/2022 9:40	16.9	12.3	15.8	55.0	-42.74	84.8	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 30% open	
OXEW1901	9/7/2022 9:42	16.5	11.9	15.6	56.0	-42.44	85.3	Valve Adjustment: NSPS	
OXEW1901	9/19/2022 12:52	16.9	13.1	15.4	54.6	-45.09	83.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn to 1 turn	
OXEW1901	9/19/2022 12:54	12.3	9.0	17.4	61.3	-27.50	84.8	Valve Adjustment: NSPS	
OXEW1901	10/14/2022 12:12	20.3	17.9	14.1	47.7	-37.96	69.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1901	10/14/2022 12:16	13.1	11.2	17.4	58.3	-11.43	69.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1901	10/28/2022 10:09	11.3	9.9	18.3	60.5	-24.39	69.9	Valve Adjustment: NSPS/CAI, Valve 5% open	
OXEW1901	10/28/2022 10:16	22.4	18.0	14.1	45.5	-42.40	70.5	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1901	11/9/2022 11:11	17.8	23.8	14.5	43.9	-39.95	60.9	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW1901	11/9/2022 11:14	19.4	16.2	14.4	50.0	-40.84	61.1	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1901	11/28/2022 9:46	15.5	14.4	15.4	54.7	-52.31	63.1	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn to 1 turn	
OXEW1901	11/28/2022 9:48	14.2	11.7	16.4	57.7	-24.00	63.7	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1901	11/30/2022 9:59	58.2	41.5	0.0	0.3	0.24	58.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less	
OXEW1901	11/30/2022 10:03	54.0	44.9	1.1	0.0	-2.50	57.1	Valve Adjustment: No Change, Valve at minimum position	84
Comments: An oxygen exceedance was detected at OXEW1901 on September 7, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the dates noted above but the well remained in exceedance. The well was re-monitored on November 30, 2022 and no further oxygen exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1901	1/24/2023 11:02	13.5	10.5	16.9	59.1	1.02	73.4	Valve Adjustment: NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less	
OXEW1901	1/24/2023 11:08	33.6	30.0	9.5	26.9	-43.33	68.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1901	1/24/2023 11:17	31.8	28.9	10.2	29.1	-43.42	69.7	Valve Adjustment: NSPS, Closed valve 1/2 turn or less	
OXEW1901	1/30/2023 10:50	53.8	34.0	0.0	12.2	-0.42	58.0	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	6
Comments: Oxygen and pressure exceedances were detected at OXEW1901 on January 24, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further pressure exceedance was detected but the oxygen exceedance remained. The well was re-monitored on January 30, 2023 and no further exceedance was detected.									
OXEW1913	9/27/2022 12:57	16.6	20.9	6.0	56.5	-37.19	98.5	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn to 1 turn, Valve 10% open	
OXEW1913	9/27/2022 13:03	7.7	13.6	9.3	69.4	-9.79	98.8	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1913	10/3/2022 12:33	24.9	27.6	0.1	47.4	-0.43	95.3	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	6
Comments: An oxygen exceedance was detected at OXEW1913 on September 27, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on October 31, 2022 and no further exceedance was detected.									
OXEW1920	1/19/2023 12:30	11.4	11.9	10.7	66.0	-0.12	64.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1920	1/19/2023 12:32	12.0	12.2	10.2	65.6	-0.08	64.3	Valve Adjustment: NSPS	
OXEW1920	1/30/2023 10:34	17.8	19.6	2.6	60.0	-0.03	54.9	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn to 1 turn	11
Comments: An oxygen exceedance was detected at OXEW1920 on January 19, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on January 30, 2023 and no further exceedance was detected.									
OXEW2001	2/24/2023 12:01	57.1	40.0	0.0	2.9	0.07	125.3	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXEW2001	2/24/2023 12:03	57.3	41.3	0.6	0.8	-0.15	128.1	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open	<1
Comments: A pressure exceedance was detected at OXEW2001 on February 24, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Well ID	Date and Time	CH <sub>4</sub> %	CO <sub>2</sub> %	O <sub>2</sub> %	BAL %	Initial Static Pressure in. wc.	Initial Temperature Deg. F.	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period Days
OXEW2002	10/3/2022 13:22	56.8	40.1	0.0	3.1	0.19	122.1	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 10% open	
OXEW2002	10/3/2022 13:24	57.1	40.9	0.0	2.0	-0.14	121.7	Valve Adjustment: Opened valve 1/2 turn or less, Valve 10% open	<1
Comments: A pressure exceedance was detected at OXEW2002 on October 3, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2002	12/21/2022 11:04	55.6	42.5	0.1	1.8	0.01	118.6	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXEW2002	12/21/2022 11:10	56.1	43.9	0.0	0.0	-0.31	121.0	Valve Adjustment: No Change, Valve 20% open	<1
Comments: A pressure exceedance was detected at OXEW2002 on December 21, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2003	10/3/2022 14:13	56.1	41.8	0.0	2.1	19.28	89.6	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 10% open	
OXEW2003	10/3/2022 14:14	56.7	40.2	0.0	3.1	-0.99	113.5	Valve Adjustment: No Change	<1
Comments: A pressure exceedance was detected at OXEW2003 on October 3, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2003	12/21/2022 12:07	53.2	46.8	0.0	0.0	0.33	99.2	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXEW2003	12/21/2022 12:08	52.9	47.1	0.0	0.0	-0.77	112.3	Valve Adjustment: No Change	<1
Comments: A pressure exceedance was detected at OXEW2003 on December 21, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2003	1/9/2023 12:23	55.3	44.2	0.0	0.5	0.27	79.3	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 10% open	
OXEW2003	1/9/2023 12:24	55.0	45.0	0.0	0.0	-0.86	110.8	Valve Adjustment: No Change, Valve at minimum position	<1
Comments: A pressure exceedance was detected at OXEW2003 on January 9, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2010	1/11/2023 12:53	31.7	23.9	9.6	34.8	-8.46		Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXEW2010	1/11/2023 14:43	20.5	14.3	13.9	51.3	-11.30	53.0	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXEW2010	1/20/2023 9:02	49.1	33.8	2.9	14.2	-9.81	50.4	Valve Adjustment: Closed valve 1/2 turn or less	9
Comments: An oxygen exceedance was detected at OXEW2010 on January 11, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on January 20, 2023 and no further exceedance was detected.									
OXEW2010	3/13/2023 10:52	1.7	11.7	19.6	67.0	-0.85	57.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW2010	3/13/2023 10:52	1.1	9.9	19.6	69.4	-0.57	57.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW2010	3/20/2023 13:40	60.2	39.8	0.0	0.0	-21.44	63.7	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	7
Comments: An oxygen exceedance was detected at OXEW2010 on March 13, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on March 20, 2023 and no further exceedance was detected.									
OXEW2016	10/11/2022 12:54	58.5	41.4	0.1	0.0	-6.18	132.1	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 5% open	
OXEW2016	10/11/2022 12:54	58.2	41.2	0.3	0.3	-2.67	130.1	Valve Adjustment: No Change	<1
Comments: A temperature exceedance was detected at OXEW2016 on October 11, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2016	10/27/2022 9:34	53.9	41.7	0.2	4.2	0.55	127.0	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 10% open	
OXEW2016	10/27/2022 9:35	58.2	41.1	0.0	0.7	-0.44	128.4	Valve Adjustment: No Change	<1
Comments: A pressure exceedance was detected at OXEW2016 on October 27, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2020	12/12/2022 10:47	52.4	40.9	0.0	6.7	-8.30	131.3	Valve Adjustment: No Change, Valve 20% open	
OXEW2020	12/13/2022 9:17	57.5	41.9	0.0	0.6	-9.42	130.1	Valve Adjustment: Closed valve 1/2 turn or less, Valve 20% open	<1
Comments: A temperature exceedance was detected at OXEW2020 on December 12, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on December 13, 2022 and no further exceedance was detected.									
OXEW2105	10/17/2022 12:20	60.4	39.5	0.1	0.0	1.71	108.8	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 25% open	

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure		Initial Temperature Deg. F.	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
						in. wc.	%			
OXEW2105	10/17/2022 12:24	60.8	38.3	0.1	0.8	-0.25	108.8		Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open	<1
Comments: A pressure exceedance was detected at OXEW2105 on October 17, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXEW2108	11/17/2022 12:54	52.2	47.8	0.0	0.0	0.11	128.7		Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open	
OXEW2108	11/17/2022 12:55	53.7	46.3	0.0	0.0	-0.14	129.0		Valve Adjustment:No Change	<1
Comments: A pressure exceedance was detected at OXEW2108 on November 17, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXEW2109	12/22/2022 9:30	54.9	45.1	0.0	0.0	0.24	51.7		Valve Adjustment:NSPS/CAI, Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2109	12/22/2022 9:32	53.2	46.8	0.0	0.0	-0.51	57.1		Valve Adjustment:No Change,Valve at minimum position	<1
Comments: A pressure exceedance was detected at OXEW2109 on December 22, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXLCR4B1	12/5/2022 7:46	0.3	3.0	20.4	76.3	-0.61	48.5		Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less	
OXLCR4B1	12/5/2022 7:47	0.0	0.6	20.9	78.5	-2.46	48.9		Valve Adjustment:NSPS/CAI, Valve at minimum position,Closed valve 1/2 turn or less	
OXLCR4B1	12/14/2022 9:59	0.0	0.5	22.4	77.1	-0.94	58.7		Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	
OXLCR4B1	12/14/2022 10:01	0.0	0.2	22.4	77.4	-0.86	57.1		Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less	
OXLCR4B1	12/29/2022 8:15	1.3	5.0	21.4	72.3	-1.12	47.1		Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	
OXLCR4B1	12/29/2022 11:29	0.1	0.5	21.3	78.1	-0.89	50.9		Valve Adjustment:NSPS,No Change	
OXLCR4B1	1/13/2023 12:09	7.5	12.7	19.5	60.3	-0.85	52.8		Valve Adjustment:NSPS/CAI, Valve at minimum position,Closed valve 1/2 turn or less	
OXLCR4B1	1/13/2023 12:10	3.7	4.0	20.2	72.1	-0.78	52.6		Valve Adjustment:No Change	
OXLCR4B1	1/25/2023 13:02	56.1	41.8	1.1	1.0	-0.28	73.6		Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	51
Comments: An oxygen exceedance was detected at OXLCR4B1 on December 5, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the dates noted above but the well remained in exceedance. The well was re-monitored on January 25, 2023 and no further exceedance was detected. Well OXLCR4B1 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part										
OXLCRS7B	1/13/2023 10:07	14.9	21.8	9.8	53.5	-18.61	63.8		Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXLCRS7B	1/13/2023 10:11	30.0	30.2	5.9	33.9	-2.64	65.3		Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn	
OXLCRS7B	1/23/2023 12:41	7.1	10.3	12.8	69.8	-8.22	75.5		Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open	
OXLCRS7B	1/23/2023 12:44	7.1	10.4	12.8	69.7	-4.11	76.0		Valve Adjustment:NSPS	
OXLCRS7B	1/30/2023 9:18	56.8	38.4	4.8	0.0	-8.56	73.8		Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open	17
Comments: An oxygen exceedance was detected at OXLCRS7B on January 13, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the date noted above but the well remained in exceedance. The well was re-monitored on January 30, 2023 and no further exceedance was detected.										
OXME302D	10/14/2022 11:12	60.9	39.1	0.0	0.0	4.96	104.6		Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less	
OXME302D	10/14/2022 11:16	60.9	39.1	0.0	0.0	-0.57	113.9		Valve Adjustment:Opened valve 1/2 turn or less	<1
Comments: A pressure exceedance was detected at OXME302D on October 14, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXMEW122	12/27/2022 10:28	40.4	29.5	7.2	22.9	-41.06	56.9		Valve Adjustment:Closed valve 1/2 turn or less	
OXMEW122	12/27/2022 10:33	42.7	31.6	6.2	19.5	-41.41	57.0		Valve Adjustment:NSPS,Closed valve 1/2 turn or less	
OXMEW122	1/13/2023 14:09	52.0	34.8	2.2	11.0	-43.61	57.9		Valve Adjustment:No Change	17
Comments: An oxygen exceedance was detected at OXMEW122 on December 27, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on January 13, 2023 and no further exceedance was detected.										
OXMEW170	1/11/2023 11:50	67.6	32.4	0.0	0.0	0.60	51.0		Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less	
OXMEW170	1/11/2023 11:52	66.9	32.1	0.0	1.0	-9.34	53.0		Valve Adjustment:No Change	<1
Comments: A pressure exceedance was detected at OXMEW170 on January 11, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXMEW173	10/4/2022 13:14	18.7	13.3	12.9	55.1	-1.22	71.6		Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXMEW173	10/4/2022 13:15	19.4	13.4	12.0	55.2	-1.21	72.2		Valve Adjustment:NSPS	
OXMEW173	10/14/2022 12:22	39.0	27.5	4.7	28.8	-1.09	69.0		Valve Adjustment:Closed valve 1/2 turn or less	10

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
		%	%	%	%	in. wc.	Deg. F.		Days
Comments: An oxygen exceedance was detected at OXMEW173 on October 4, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on October 14, 2022, and no further exceedance was detected.									
OXMEW173	11/28/2022 8:16	4.4	5.3	19.9	70.4	-1.16	50.5	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXMEW173	11/28/2022 8:18	46.5	37.2	0.6	15.7	-3.64	84.2	Valve Adjustment: Closed valve 1/2 turn or less	<1
Comments: An oxygen exceedance was detected at OXMEW173 on November 28, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW186	9/28/2022 13:40	0.1	0.2	21.4	78.3	-0.27	76.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW186	9/28/2022 13:42	0.0	0.0	21.5	78.5	-0.27	78.8	Valve Adjustment: No Change	
OXMEW186	10/10/2022 12:22	1.2	1.4	21.6	75.8	-0.01	68.5	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW186	10/10/2022 12:26	47.3	38.3	2.6	11.8	-0.29	76.3	Valve Adjustment: Opened valve 1/2 turn or less, Valve 10% open	12
Comments: An oxygen exceedance was detected at OXMEW186 on September 28, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on October 10, 2022 and no further exceedance was detected.									
OXMEW191	10/4/2022 9:29	57.1	40.1	0.0	2.8	1.39	119.8	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXMEW191	10/4/2022 9:30	55.9	41.0	0.0	3.1	-0.15	125.0	Valve Adjustment: No Change	<1
Comments: A pressure exceedance was detected at OXMEW191 on October 4, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW196	1/11/2023 9:29	34.8	28.4	7.4	29.4	-9.39	52.1	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXMEW196	1/11/2023 9:31	37.3	30.8	6.3	25.6	-9.00	52.1	Valve Adjustment: NSPS	
OXMEW196	1/23/2023 12:06	51.7	40.9	3.4	4.0	-7.99	64.2	Valve Adjustment: Closed valve 1/2 turn or less	12
Comments: An oxygen exceedance was detected at OXMEW196 on January 11, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on January 23, 2023 and no further exceedance was detected.									
OXMEW200	10/12/2022 13:25	57.4	41.7	0.0	0.9	0.55	94.1	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXMEW200	10/12/2022 13:26	57.5	42.2	0.0	0.3	-0.07	110.6	Valve Adjustment: Opened valve 1/2 turn or less	<1
Comments: A pressure exceedance was detected at OXMEW200 on October 12, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW300	11/14/2022 9:51	60.2	39.3	0.0	0.5	3.78	85.8	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 10% open	
OXMEW300	11/14/2022 9:53	59.2	40.8	0.0	0.0	-2.16	100.7	Valve Adjustment: No Change, Valve 25% open	<1
Comments: A pressure exceedance was detected at OXMEW300 on November 14, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW008	10/3/2022 13:35	20.4	15.1	13.2	51.3	-4.11	74.9	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW008	10/3/2022 13:39	17.7	12.9	14.2	55.2	-4.28	74.9	Valve Adjustment: NSPS	
OXMEW008	10/14/2022 13:19	20.0	15.3	13.1	51.6	-2.12	69.9	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW008	10/14/2022 13:25	38.3	31.3	6.6	23.8	-0.13	68.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW008	10/14/2022 14:33	44.3	35.2	3.8	16.7	-0.74	65.4	Valve Adjustment: No Change, Valve at minimum position	11
Comments: An oxygen exceedance was detected at OXMEW008 on October 3, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on October 14, 2022 and no further exceedance was detected.									
OXMEW008	10/27/2022 11:26	54.5	44.1	0.4	1.0	2.98	66.9	Valve Adjustment: NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less	
OXMEW008	10/27/2022 11:27	48.6	44.4	4.1	2.9	-1.00	67.8	Valve Adjustment: No Change	<1
Comments: A pressure exceedance was detected at OXMEW008 on October 27, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW008	11/17/2022 13:03	53.7	46.3	0.0	0.0	0.77	68.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less	
OXMEW008	11/17/2022 13:06	53.1	46.9	0.0	0.0	-0.26	67.9	Valve Adjustment: No Change	<1
Comments: A pressure exceedance was detected at OXMEW008 on November 17, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Well ID	Date and Time	CH <sub>4</sub> %	CO <sub>2</sub> %	O <sub>2</sub> %	BAL %	Initial Static Pressure in. wc.	Initial Temperature Deg. F.	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period	
									Days	
OXMEWW08	12/2/2022 10:59	39.7	32.6	6.6	21.1	-1.20	47.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	1/2	
OXMEWW08	12/2/2022 11:02	40.6	33.2	5.8	20.4	-1.19	47.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	1/2	
OXMEWW08	12/9/2022 13:32	44.6	44.4	4.5	6.5	-1.38	60.8	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	7	
Comments: An oxygen exceedance was detected at OXMEWW08 on December 2, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on December 9, 2022 and no further exceedance was detected.										
OXMEWW18	3/28/2023 9:25	58.7	41.1	0.2	0.0	0.20	45.7	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less		
OXMEWW18	3/28/2023 9:27	58.7	41.3	0.0	0.0	-2.14	46.6	Valve Adjustment: No Change, Valve at minimum position		<1
Comments: A pressure exceedance was detected at OXMEWW18 on March 28, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXSS2032	3/23/2023 8:32	53.3	45.9	0.1	0.7	2.34	50.4	Valve Adjustment: No Change, Valve at minimum position		
OXSS2032	3/23/2023 9:12	53.5	45.8	0.1	0.6	2.44	49.8	Valve Adjustment: Opened valve 1/2 turn to 1 turn, Valve 30% open		
OXSS2032	3/23/2023 10:48	53.6	45.4	0.1	0.9	0.20	55.3	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open		
OXSS2032	3/23/2023 13:49	53.9	46.0	0.1	0.0	-0.36	62.3	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open		<1
Comments: A pressure exceedance was detected at OXSS2032 on March 23, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXSS2215	12/28/2022 13:09	51.8	34.8	2.9	10.5	0.31	65.2	Valve Adjustment: No Change, Valve at minimum position		
OXSS2215	12/28/2022 13:10	50.4	37.7	2.8	9.1	-0.09	68.7	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less		<1
Comments: A pressure exceedance was detected at OXSS2215 on December 28, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										
OXSS2216	3/28/2023 9:42	58.0	40.0	0.1	1.9	0.72	45.1	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 10% open		
OXSS2216	3/28/2023 9:43	59.0	40.3	0.0	0.7	-0.17	52.7	Valve Adjustment: Opened valve 1/2 turn or less, Valve 10% open		<1
Comments: A pressure exceedance was detected at OXSS2216 on March 28, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.										

Comments in **bold** added by Tetra Tech

NA = Not Applicable CH<sub>4</sub> = Methane CO<sub>2</sub> = Carbon Dioxide O<sub>2</sub> = Oxygen BAL = Balance Gas, usually nitrogen in. wc. = inches of water column Deg. F. = degrees in Fahrenheit scfm = standard cubic feet per minute  
% = percent



November 22, 2022

Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Root Cause Analysis, Corrective Action Analysis, and Implementation Timeline for Vertical Landfill Gas Extraction Well OXEW1807  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

To Whom It May Concern:

On behalf of Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of the Ox Mountain Landfill (Ox Mountain), Tetra Tech is providing the Bay Area Air Quality Management District (BAAQMD) with this 75-day notification pursuant to the requirements of Title 40 of the Code of Federal Regulations (CFR) 63.1981(j) for elevated temperatures at vertical landfill gas (LFG) extraction well OXEW1807.

On June 21, 2021, Ox Mountain became subject to the California Emissions Guidelines (EG) Rule, which includes compliance with Title 17 California Code of Regulations (CCR) Sections 95460 to 95476, known as AB 32 Landfill Methane Rule (LMR), and specific portions of 40 CFR Part 62 Subpart OOO. The federal National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 63, Subpart AAAA rule came into effect on September 27, 2021, superseding the major compliance provisions of the California EG Rule. However, because Ox Mountain is still subject to the Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34 as well as the site's permit to operate (PTO) which incorporate the outdated New Source Performance Standards (NSPS) wellhead requirements, the site must still operate wells below 131 degrees Fahrenheit (°F). The Federal NESHAP Subpart AAAA rule, under which BFIC is operating Ox Mountain, allows for wellhead temperatures of up to 145°F. We are providing this notification due to the wellhead temperature over 131°F per Title V permit condition number 10164, Part 18(b) even though it has not yet exceeded the minimum operating temperature of 145°F per NESHAP Subpart AAAA.

Well OXEW1807 initially had recorded temperatures greater than 131°F on September 9, 2022. Per the requirements of 40 CFR 63.1981(j)(1), the required 15-Day Root Cause Analysis and 60-Day Corrective Action Analysis forms, including an implementation schedule were completed within the required timeframes and are attached to this notification for your records. However, BFIC anticipates the temperature will not be able to be corrected within the 120-day timeframe from the initial exceedance. Therefore, BFIC requests an extended corrective action timeline beyond 120-days for well OXEW1807. BFIC is preparing a higher operating value (HOV) request to allow for the operation of well OXEW1807, as well as seven other wells, to operate above the temperature limit specified in Regulation 8, Rule 34 and the PTO to the BAAQMD in accordance with NESHAP Subpart AAAA.

If you have any questions or require additional information, please do not hesitate to contact Kendra Kent at (520) 526-7270 or via email at [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com).



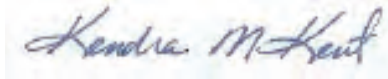
November 22, 2022

Sincerely,

**TETRA TECH**



Rob Newbrough  
Manager of Field Services



Kendra Kent  
Senior Environmental Specialist

Enclosures: 15-Day Root Cause Analysis  
60-Day Corrective Action Analysis

cc: Kelly McDonnell, BFIC  
Travis Armstrong, BFIC  
Ben Wade, BFIC  
Sami H Ayass, P.E., Tetra Tech



## TEMPERATURE EXCEEDANCE

*Corrective Action Analysis and Implementation Schedule*

Date of Initial Exceedance:	9/9/2022
Collection Device ID:	OXEW1807
Temperature Reading:	131.8

<b>Root Cause Analysis</b>	
Has the owner/operator received approval from the state agency to operate at a temperature higher than 55°C (131°F) for this well?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> <li>If YES, exempt as per 40 CFR §60.763(c).</li> <li>If NO, continue the form.</li> </ul>	
Describe what was inspected.	
7/21/22: CO sample 2 ppm	
Describe what was determined to be the root cause of the exceedance.	
Elevated microbial activity	
Determine the required next steps.	
Was the temperature exceedance remediated within 60 days since the initial exceedance?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> <li>If YES, keep records of Root Cause Analysis. No reporting required.</li> <li>If NO, continue with Corrective Action Analysis and Implementation Plan.</li> </ul>	



## TEMPERATURE EXCEEDANCE

### *Corrective Action Analysis and Implementation Schedule*

Date of Initial Exceedance:	9/9/2022
Collection Device ID:	OXEW1807
Temperature Reading:	131.8

<b>Corrective Action Analysis</b>	
Describe the corrective actions taken to remediate exceedance.	
O&M to reduced applied vacuum to well	

<b>Implementation Schedule</b>	
Expected Start Date:	12/16/2022
Expected Completion Date:	12/30/2022
Provide a description of proposed repairs and/or remedial action required and supporting information for implementation timeframe.	
Application for temperature HOV pending approval	

<b>Final Steps</b>	
Determine the required next steps.	
Is the remediation expected to take <b>less than 120 days</b> since initial exceedance per implementation schedule?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> <li>• If YES, send notification to state agency within 75 days of initial exceedance. Include Root Cause Analysis, Corrective Action Analysis, and Implementation Schedule in the next Annual Report.</li> <li>• If NO, send Root Cause Analysis, Corrective Action Analysis, and Implementation Schedule to state agency within 75 days for approval and include in next Annual Report.</li> </ul>	

## APPENDIX L

### MONTHLY LANDFILL GAS FLOW RATES

**Ox Mountain Landfill, Half Moon Bay, California**

**Yearly LFG for Ameresco Plant and A-7, A-8, and A-9 Flares**

Month	A-7 Flare Total Flow Corrected to 50% CH <sub>4</sub> (scf)	A-8 Flare Total Flow Corrected to 50% CH <sub>4</sub> (scf)	A-9 Flare Total Flow Corrected to 50% CH <sub>4</sub> (scf)	Ameresco Total Flow Corrected to 50% CH <sub>4</sub> (scf)	Consecutive 12-Month Corrected Total for A-7 Flare (scf)	Consecutive 12-Month Corrected Total for A-8 Flare (scf)	Consecutive 12-Month Corrected Total for A-9 Flare (scf)	Consecutive 12-Month Corrected Total for Ameresco (scf) <sup>3</sup>	Combined A-7, A-8 and A-9 Flares Corrected 12-Month Throughput <sup>1</sup> (scf)	Landfill Gas Generation Rate <sup>2</sup> (scfm)
April-22	74,358,404.9	0.0	15,498,738.8	121,823,604.5	751,350,357.1	0.0	47,907,269.3	1,849,008,789.3	799,257,626.3	5,038.6
May-22	69,781,529.4	0.0	1,370,679.9	152,015,294.7	780,732,215.5	0.0	43,111,820.5	1,836,810,940.2	823,844,036.0	5,062.1
June-22	56,206,963.4	0.0	4,843,776.6	149,175,953.7	783,325,101.9	0.0	47,156,357.1	1,827,011,530.1	830,482,459.1	5,056.1
July-22	39,013,804.5	0.0	1,321,702.5	164,507,403.0	758,502,420.4	0.0	48,280,199.3	1,835,905,657.6	806,782,619.6	5,027.9
August-22	22,021,575.8	0.0	1,988,622.4	168,478,979.1	717,516,221.0	0.0	42,557,354.6	1,845,542,686.1	760,073,575.5	4,957.4
September-22	53,212,279.1	0.0	729,783.0	158,504,923.6	701,933,229.5	0.0	43,218,050.8	1,849,393,172.4	745,151,280.3	4,936.3
October-22	50,395,647.4	0.0	3,776,601.9	163,434,497.0	686,196,378.3	0.0	46,954,249.8	1,858,145,907.3	733,150,628.0	4,930.2
November-22	48,601,900.6	0.0	749,400.5	166,124,761.5	664,993,824.9	0.0	34,556,157.2	1,883,546,879.3	699,549,982.1	4,914.6
December-22	54,226,320.0	0.0	0.0	164,574,966.1	656,992,664.5	0.0	33,241,948.5	1,882,753,797.0	690,234,613.0	4,895.3
January-23	49,157,556.1	0.0	113,389.0	163,201,909.8	639,820,388.5	0.0	33,080,459.4	1,884,138,720.7	672,900,847.9	4,865.0
February-23	57,344,905.7	0.0	9,285,093.4	125,871,544.6	634,945,963.0	0.0	42,138,187.2	1,860,647,287.8	677,084,150.2	4,828.3
March-23	61,968,594.5	0.0	399,113.7	145,052,904.5	636,289,481.5	0.0	40,026,901.8	1,842,766,742.1	676,316,383.2	4,792.8

**Notes:**

<sup>1</sup>The 12-month rolling throughput for each month represents the sum of the monthly combined corrected throughput calculated using the preceding 12 consecutive months. Pursuant to Title V Permit Condition Number 10164 Part 20, the combined LFG flow rate to all Flares (A-7, A-8, and A-9) shall not exceed 2,155 million scf (corrected to 50% CH<sub>4</sub>) during any consecutive 12-month period.

<sup>2</sup>Pursuant to Title V Permit Condition Number 10164 Part 22, the annual average landfill gas generation rate shall not exceed 6,600 scfm.

<sup>3</sup>Ameresco flow data derived from files received by Republic from Ameresco. Flow values reported here to confirm compliance with Title V Permit Condition Number 10164 Part 22, which states the annual average landfill gas generation rate shall not exceed 6,600 scfm.

scf= standard cubic feet

CH<sub>4</sub> = methane

LFG= landfill gas

%= percent

**Ox Mountain Landfill, Half Moon Bay, California**

**Monthly LFG Input to Flare (A-7)**

Month	Total Available Runtime (hours) <sup>3</sup>	Total Downtime (hours)	Total Runtime (hours)	Average Flow (scfm) <sup>1</sup>	Average CH <sub>4</sub> (%) <sup>2</sup>	Total Flow LFG Volume (scf) <sup>3</sup>	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	Total CH <sub>4</sub> Volume (scf)	Total Heat Input (MMBTU)
October-22	744.00	141.43	602.57	1,452.1	47.1	52,812,008.0	50,395,647.4	24,874,455.8	25,197.8
November-22	721.00	127.10	593.90	1,430.8	47.1	50,932,255.0	48,601,900.6	23,989,092.1	24,301.0
December-22	744.00	97.43	646.57	1,459.2	47.1	56,826,353.0	54,226,320.0	26,765,212.3	27,113.2
January-23	744.00	157.53	586.47	1,480.9	47.1	51,514,553.0	49,157,556.1	24,263,354.5	24,578.8
February-23	672.00	80.53	591.47	1,687.4	47.1	60,094,468.0	57,344,905.7	28,304,494.4	28,672.5
March-23	743.00	143.60	599.40	1,811.1	47.1	64,939,852.5	61,968,594.5	30,586,670.5	30,984.3
<b>OCTOBER 1, 2022 THROUGH MARCH 31, 2023 TOTALS/AVERAGE:</b>	<b>4,368.00</b>	<b>747.63</b>	<b>3,620.37</b>	<b>1,553.6</b>	<b>47.1</b>	<b>337,119,489.5</b>	<b>321,694,924.4</b>	<b>158,783,279.6</b>	<b>160,847.5</b>

**NOTES:**

<sup>1</sup>The calculated average flow only includes months in which the flare was operational.

<sup>2</sup>CH<sub>4</sub> content of 47.1 percent was determined from the July 21, 2022 Source Test.

<sup>3</sup>There were 721.00 hours in November 2022 and 743.00 hours in March 2023 due to Daylight Savings Time.

scfm= standard cubic feet per minute

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**Ox Mountain Landfill, Half Moon Bay, California**

**Monthly LFG Input to Flare (A-8)**

Month	Total Available Runtime (hours) <sup>4</sup>	Total Downtime (hours)	Total Runtime (hours)	Average Flow (scfm) <sup>1</sup>	Average CH <sub>4</sub> (%) <sup>2</sup>	Total Flow LFG Volume (scf) <sup>3</sup>	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	Total CH <sub>4</sub> Volume (scf)	Total Heat Input (MMBTU)
October-22	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
November-22	721.00	721.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
December-22	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
January-23	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
February-23	672.00	672.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
March-23	743.00	743.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
<b>OCTOBER 1, 2022 THROUGH MARCH 31, 2023 TOTALS/AVERAGE:</b>	<b>4,368.00</b>	<b>4,368.00</b>	<b>0.00</b>	<b>0.0</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

**NOTES:**

<sup>1</sup>The calculated average flow only includes months in which the flare was operational.

<sup>2</sup>CH<sub>4</sub> content is determined from the average of the weekly methane concentrations taken from the A-8 Flare inlet. The methane concentration of 44.1 percent (determined from the September 13, 2016 Source Test) will be used in lieu of monthly averages when weekly methane concentrations are negligible due to monitoring conducted while devices are offline.

<sup>3</sup>The A-8 Flare is inoperable and is slated for decommission.

<sup>4</sup>There were 721.00 hours in November 2022 and 743.00 hours in March 2023 due to Daylight Savings Time.

scfm= standard cubic feet per minute

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**Ox Mountain Landfill, Half Moon Bay, California**

**Monthly LFG Input to Flare (A-9)**

Month	Total Available Runtime (hours) <sup>4</sup>	Total Downtime (hours)	Total Runtime (hours)	Average Flow (scfm) <sup>1</sup>	Average CH <sub>4</sub> (%) <sup>2</sup>	Total Flow LFG Volume (scf) <sup>3</sup>	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	Total CH <sub>4</sub> Volume (scf)	Total Heat Input (MMBTU)
October-22	744.00	703.83	40.17	1,545.5	51.6	3,612,535.0	3,776,601.9	1,864,068.1	1,888.3
November-22	721.00	713.73	7.27	1,557.7	51.6	716,844.3	749,400.5	369,891.7	374.7
December-22	744.00	744.00	0.00	0.0	51.6	0.0	0.0	0.0	0.0
January-23	744.00	742.37	1.63	1,164.5	51.6	108,463.0	113,389.0	55,966.9	56.7
February-23	672.00	571.67	100.33	1,515.7	51.6	8,862,590.0	9,265,093.4	4,573,096.4	4,632.5
March-23	743.00	738.87	4.13	1,512.0	51.6	381,775.0	399,113.7	196,995.9	199.6
<b>OCTOBER 1, 2022 THROUGH MARCH 31, 2023 TOTALS/AVERAGE:</b>	<b>4,368.00</b>	<b>4,214.47</b>	<b>153.53</b>	<b>1,215.9</b>	<b>51.6</b>	<b>13,682,207.3</b>	<b>14,303,598.5</b>	<b>7,060,019.0</b>	<b>7,151.8</b>

**NOTES:**

<sup>1</sup>The calculated average flow only includes months in which the flare was operational.

<sup>2</sup>CH<sub>4</sub> content of 51.6 percent was determined from the July 22, 2022 Source Test.

<sup>3</sup>Flare operation limited due to the operation of Ameresco engine plant.

<sup>4</sup>There were 721.00 hours in November 2022 and 743.00 hours in March 2023 due to Daylight Savings Time.

scfm= standard cubic feet per minute      scf= standard cubic feet      MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent



**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-7 Flare Heat Input Rate**

MONTH: October-2022

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
10/1/2022	11.90	47.1	1,320.2	942,611.0	899,482.8	443,969.8	1,013.0	449.7
10/2/2022	14.20	47.1	1,433.1	1,221,027.0	1,165,160.1	575,103.7	1,013.0	582.6
10/3/2022	24.00	47.1	1,313.9	1,891,946.0	1,805,381.9	891,106.6	1,013.0	902.7
10/4/2022	21.80	47.1	1,355.7	1,773,288.0	1,692,153.0	835,218.6	1,013.0	846.1
10/5/2022	23.30	47.1	2,022.5	2,827,462.0	2,698,094.3	1,331,734.6	1,013.0	1,349.0
10/6/2022	22.57	47.1	2,197.9	2,975,889.0	2,839,730.2	1,401,643.7	1,013.0	<b>1,419.9</b>
10/7/2022	15.60	47.1	1,490.8	1,395,343.0	1,331,500.5	657,206.6	1,013.0	665.8
10/8/2022	20.17	47.1	1,472.1	1,781,228.0	1,699,729.7	838,958.4	1,013.0	849.9
10/9/2022	24.00	47.1	1,324.8	1,907,746.0	1,820,459.0	898,548.4	1,013.0	910.2
10/10/2022	15.90	47.1	1,405.9	1,341,260.0	1,279,892.0	631,733.5	1,013.0	639.9
10/11/2022	17.60	47.1	1,309.7	1,382,993.0	1,319,715.5	651,389.7	1,013.0	659.9
10/12/2022	15.60	47.1	1,443.6	1,351,243.0	1,289,418.2	636,435.5	1,013.0	644.7
10/13/2022	21.20	47.1	1,358.7	1,728,256.0	1,649,181.4	814,008.6	1,013.0	824.6
10/14/2022	24.00	47.1	1,348.4	1,941,676.0	1,852,836.6	914,529.4	1,013.0	926.4
10/15/2022	22.73	47.1	1,314.5	1,792,944.0	1,710,909.6	844,476.6	1,013.0	855.5
10/16/2022	15.17	47.1	1,453.8	1,322,921.0	1,262,392.1	623,095.8	1,013.0	631.2
10/17/2022	23.43	47.1	1,393.6	1,959,390.0	1,869,740.1	922,872.7	1,013.0	934.9
10/18/2022	22.10	47.1	1,461.8	1,938,374.0	1,849,685.6	912,974.2	1,013.0	924.8
10/19/2022	24.00	47.1	1,570.0	2,260,779.0	2,157,339.3	1,064,826.9	1,013.0	1,078.7
10/20/2022	22.83	47.1	1,448.0	1,983,803.0	1,893,036.1	934,371.2	1,013.0	946.5
10/21/2022	16.53	47.1	1,400.6	1,389,437.0	1,325,864.7	654,424.8	1,013.0	662.9
10/22/2022	13.13	47.1	1,393.7	1,098,229.0	1,047,980.6	517,265.9	1,013.0	524.0
10/23/2022	8.13	47.1	1,362.8	665,029.0	634,601.3	313,228.7	1,013.0	317.3
10/24/2022	12.80	47.1	1,405.5	1,079,433.0	1,030,044.6	508,412.9	1,013.0	515.0
10/25/2022	14.27	47.1	1,441.7	1,234,125.0	1,177,658.8	581,272.9	1,013.0	588.8
10/26/2022	24.00	47.1	1,350.2	1,944,230.0	1,855,273.7	915,732.3	1,013.0	927.6
10/27/2022	18.40	47.1	1,408.4	1,554,861.0	1,483,719.9	732,339.5	1,013.0	741.9
10/28/2022	21.20	47.1	1,449.5	1,843,798.0	1,759,436.9	868,428.9	1,013.0	879.7
10/29/2022	24.00	47.1	1,456.4	2,097,247.0	2,001,289.6	987,803.3	1,013.0	1,000.6
10/30/2022	24.00	47.1	1,454.6	2,094,628.0	1,998,790.4	986,569.8	1,013.0	999.4
10/31/2022	24.00	47.1	1,452.0	2,090,812.0	1,995,149.0	984,772.5	1,013.0	997.6
<b>Totals/ Average:</b>	<b>602.57</b>	<b>47.1</b>	<b>1,452.1</b>	<b>52,812,008.0</b>	<b>50,395,647.4</b>	<b>24,874,455.8</b>	<b>1,013.0</b>	<b>25,197.8</b>
							<b>Maximum:</b>	<b>1,419.9</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 47.1 percent determined from the July 21, 2022 Source Test.

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-7 Flare Heat Input Rate**

MONTH: November-2022

Date	Runtime <sup>2</sup> (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
11/1/2022	17.60	47.1	1,388.1	1,465,872.0	1,398,802.5	690,425.7	1,013.0	699.4
11/2/2022	15.30	47.1	1,429.1	1,311,906.0	1,251,881.1	617,907.7	1,013.0	625.9
11/3/2022	23.70	47.1	1,337.2	1,901,532.0	1,814,529.3	895,621.6	1,013.0	907.3
11/4/2022	22.83	47.1	1,422.9	1,949,385.0	1,860,192.8	918,160.3	1,013.0	930.1
11/5/2022	24.00	47.1	1,401.1	2,017,585.0	1,925,272.4	950,282.5	1,013.0	962.6
11/6/2022	25.00	47.1	1,350.2	2,025,374.0	1,932,705.0	953,951.2	1,013.0	966.4
11/7/2022	22.77	47.1	1,419.2	1,938,628.0	1,849,928.0	913,093.8	1,013.0	925.0
11/8/2022	18.03	47.1	1,461.4	1,581,244.0	1,508,895.8	744,765.9	1,013.0	754.4
11/9/2022	13.87	47.1	1,598.0	1,329,530.0	1,268,698.7	626,208.6	1,013.0	634.3
11/10/2022	15.17	47.1	1,583.9	1,441,368.0	1,375,419.6	678,884.3	1,013.0	687.7
11/11/2022	24.00	47.1	1,435.4	2,066,907.0	1,972,337.7	973,513.2	1,013.0	986.2
11/12/2022	24.00	47.1	1,423.4	2,049,704.0	1,955,921.8	965,410.6	1,013.0	978.0
11/13/2022	24.00	47.1	1,398.4	2,013,699.0	1,921,564.2	948,452.2	1,013.0	960.8
11/14/2022	24.00	47.1	1,380.2	1,987,470.0	1,896,535.3	936,098.4	1,013.0	948.3
11/15/2022	24.00	47.1	1,409.0	2,028,981.0	1,936,147.0	955,650.1	1,013.0	968.1
11/16/2022	22.27	47.1	1,657.1	2,213,890.0	2,112,595.7	1,042,742.2	1,013.0	<b>1,056.3</b>
11/17/2022	24.00	47.1	1,455.8	2,096,397.0	2,000,478.5	987,403.0	1,013.0	1,000.2
11/18/2022	23.87	47.1	1,480.4	2,119,941.0	2,022,945.2	998,492.2	1,013.0	1,011.5
11/19/2022	24.00	47.1	1,358.9	1,956,849.0	1,867,315.3	921,675.9	1,013.0	933.7
11/20/2022	24.00	47.1	1,431.0	2,060,664.0	1,966,380.4	970,572.7	1,013.0	983.2
11/21/2022	23.60	47.1	1,408.1	1,993,873.0	1,902,645.3	939,114.2	1,013.0	951.3
11/22/2022	23.30	47.1	1,424.4	1,991,322.0	1,900,211.1	937,912.7	1,013.0	950.1
11/23/2022	23.13	47.1	1,314.9	1,825,050.0	1,741,546.7	859,598.6	1,013.0	870.8
11/24/2022	0.50	47.1	1,271.9	38,158.0	36,412.1	17,972.4	1,013.0	18.2
11/25/2022	0.00	47.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/26/2022	12.40	47.1	1,503.4	1,118,550.0	1,067,371.9	526,837.1	1,013.0	533.7
11/27/2022	21.07	47.1	1,343.7	1,698,430.0	1,620,720.0	799,960.5	1,013.0	810.4
11/28/2022	16.93	47.1	1,507.7	1,531,827.0	1,461,739.8	721,490.5	1,013.0	730.9
11/29/2022	20.20	47.1	1,443.1	1,749,067.0	1,669,040.2	823,810.6	1,013.0	834.5
11/30/2022	16.37	47.1	1,455.2	1,429,052.0	1,363,667.2	673,083.5	1,013.0	681.8
<b>Totals/ Average:</b>	<b>593.90</b>	<b>47.1</b>	<b>1,430.8</b>	<b>50,932,255.0</b>	<b>48,601,900.6</b>	<b>23,989,092.1</b>	<b>1,013.0</b>	<b>24,301.0</b>
							<b>Maximum:</b>	<b>1,056.3</b>

Notes:

- <sup>1</sup>CH<sub>4</sub> content of 47.1 percent determined from the July 21, 2022 Source Test.
- <sup>2</sup>There were 721.00 hours available in November 2022 due to Daylight Savings Time.
- scfm= standard cubic feet per minute
- BTU/scf= British thermal unit per standard cubic feet
- scf= standard cubic feet
- MMBTU= million British thermal units
- LFG= landfill gas
- CH<sub>4</sub>= methane
- %= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-7 Flare Heat Input Rate**

MONTH: December-2022

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
12/1/2022	19.20	47.1	1,354.7	1,560,648.0	1,489,242.1	735,065.2	1,013.0	744.6
12/2/2022	16.30	47.1	1,480.3	1,447,697.0	1,381,459.1	681,865.3	1,013.0	690.7
12/3/2022	24.00	47.1	1,999.0	2,878,535.0	2,746,830.5	1,355,790.0	1,013.0	<b>1,373.4</b>
12/4/2022	24.00	47.1	1,527.5	2,199,646.0	2,099,003.4	1,036,033.3	1,013.0	1,049.5
12/5/2022	24.00	47.1	1,460.5	2,103,069.0	2,006,845.2	990,545.5	1,013.0	1,003.4
12/6/2022	24.00	47.1	1,399.7	2,015,548.0	1,923,328.6	949,323.1	1,013.0	961.7
12/7/2022	24.00	47.1	1,477.4	2,127,408.0	2,030,070.6	1,002,009.2	1,013.0	1,015.0
12/8/2022	24.00	47.1	1,409.1	2,029,092.0	1,936,252.9	955,702.3	1,013.0	968.1
12/9/2022	24.00	47.1	1,432.7	2,063,108.0	1,968,712.6	971,723.9	1,013.0	984.4
12/10/2022	24.00	47.1	1,436.1	2,068,021.0	1,973,400.8	974,037.9	1,013.0	986.7
12/11/2022	21.93	47.1	1,397.6	1,839,254.0	1,755,100.8	866,288.6	1,013.0	877.6
12/12/2022	16.77	47.1	1,431.2	1,439,819.0	1,373,941.5	678,154.7	1,013.0	687.0
12/13/2022	17.37	47.1	1,318.2	1,373,523.0	1,310,678.8	646,929.3	1,013.0	655.3
12/14/2022	16.10	47.1	1,417.7	1,369,542.0	1,306,880.0	645,054.3	1,013.0	653.4
12/15/2022	23.73	47.1	1,375.2	1,958,347.0	1,868,744.8	922,381.4	1,013.0	934.4
12/16/2022	24.00	47.1	1,429.6	2,058,616.0	1,964,426.1	969,608.1	1,013.0	982.2
12/17/2022	24.00	47.1	1,359.4	1,957,580.0	1,868,012.9	922,020.2	1,013.0	934.0
12/18/2022	14.13	47.1	1,394.7	1,182,724.0	1,128,609.6	557,063.0	1,013.0	564.3
12/19/2022	8.80	47.1	1,328.8	701,621.0	669,519.0	330,463.5	1,013.0	334.8
12/20/2022	15.40	47.1	1,499.2	1,385,228.0	1,321,848.3	652,442.4	1,013.0	660.9
12/21/2022	24.00	47.1	1,349.2	1,942,909.0	1,854,013.1	915,110.1	1,013.0	927.0
12/22/2022	22.23	47.1	1,347.3	1,797,261.0	1,715,029.1	846,509.9	1,013.0	857.5
12/23/2022	14.70	47.1	1,448.6	1,277,637.0	1,219,180.0	601,767.0	1,013.0	609.6
12/24/2022	13.67	47.1	1,517.4	1,244,261.0	1,187,331.1	586,046.9	1,013.0	593.7
12/25/2022	24.00	47.1	1,482.6	2,134,919.0	2,037,237.9	1,005,546.8	1,013.0	1,018.6
12/26/2022	24.00	47.1	1,418.5	2,042,672.0	1,949,211.6	962,098.5	1,013.0	974.6
12/27/2022	22.77	47.1	1,696.1	2,316,905.0	2,210,897.3	1,091,262.3	1,013.0	1,105.4
12/28/2022	24.00	47.1	1,433.9	2,064,877.0	1,970,400.6	972,557.1	1,013.0	985.2
12/29/2022	24.00	47.1	1,549.0	2,230,492.0	2,128,438.1	1,050,561.7	1,013.0	1,064.2
12/30/2022	24.00	47.1	1,599.3	2,303,018.0	2,197,645.7	1,084,721.5	1,013.0	1,098.8
12/31/2022	19.47	47.1	1,466.1	1,712,376.0	1,634,027.9	806,529.1	1,013.0	817.0
<b>Totals/ Average:</b>	<b>646.57</b>	<b>47.1</b>	<b>1,459.2</b>	<b>56,826,353.0</b>	<b>54,226,320.0</b>	<b>26,765,212.3</b>	<b>1,013.0</b>	<b>27,113.2</b>
							<b>Maximum:</b>	<b>1,373.4</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 47.1 percent determined from the July 21, 2022 Source Test.

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-7 Flare Heat Input Rate**

MONTH: January-2023

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
1/1/2023	22.87	47.1	1,582.7	2,171,499.0	2,072,144.2	1,022,776.0	1,013.0	1,036.1
1/2/2023	24.00	47.1	1,424.8	2,051,715.0	1,957,840.8	966,357.8	1,013.0	978.9
1/3/2023	17.20	47.1	1,361.0	1,404,530.0	1,340,267.1	661,533.6	1,013.0	670.1
1/4/2023	12.00	47.1	1,653.2	1,190,316.0	1,135,854.3	560,638.8	1,013.0	567.9
1/5/2023	6.10	47.1	1,467.6	537,155.0	512,578.0	253,000.0	1,013.0	256.3
1/6/2023	15.87	47.1	1,472.9	1,402,246.0	1,338,087.6	660,457.9	1,013.0	669.0
1/7/2023	21.63	47.1	1,437.8	1,866,216.0	1,780,829.2	878,987.7	1,013.0	890.4
1/8/2023	12.97	47.1	1,511.4	1,175,850.0	1,122,050.2	553,825.4	1,013.0	561.0
1/9/2023	24.00	47.1	1,399.4	2,015,110.0	1,922,910.7	949,116.8	1,013.0	961.5
1/10/2023	23.57	47.1	1,358.9	1,921,458.0	1,833,543.6	905,006.7	1,013.0	916.8
1/11/2023	22.47	47.1	1,334.6	1,799,047.0	1,716,733.4	847,351.1	1,013.0	858.4
1/12/2023	15.80	47.1	1,782.5	1,689,802.0	1,612,486.8	795,896.7	1,013.0	806.2
1/13/2023	24.00	47.1	1,429.4	2,058,403.0	1,964,222.8	969,507.8	1,013.0	982.1
1/14/2023	17.80	47.1	1,575.6	1,682,697.0	1,605,706.9	792,550.3	1,013.0	802.9
1/15/2023	12.90	47.1	1,706.7	1,320,961.0	1,260,521.8	622,172.6	1,013.0	630.3
1/16/2023	15.00	47.1	1,661.0	1,494,873.0	1,426,476.6	704,085.2	1,013.0	713.2
1/17/2023	24.00	47.1	1,483.0	2,135,494.0	2,037,786.6	1,005,817.7	1,013.0	1,018.9
1/18/2023	20.73	47.1	1,495.7	1,860,638.0	1,775,506.4	876,360.5	1,013.0	887.8
1/19/2023	17.03	47.1	1,445.5	1,477,258.0	1,409,667.5	695,788.5	1,013.0	704.8
1/20/2023	23.83	47.1	1,328.7	1,899,975.0	1,813,043.5	894,888.2	1,013.0	906.5
1/21/2023	16.73	47.1	1,437.1	1,442,807.0	1,376,792.8	679,562.1	1,013.0	688.4
1/22/2023	24.00	47.1	1,525.0	2,196,061.0	2,095,582.4	1,034,344.7	1,013.0	<b>1,047.8</b>
1/23/2023	19.07	47.1	1,366.1	1,562,805.0	1,491,300.4	736,081.2	1,013.0	745.7
1/24/2023	9.07	47.1	1,625.9	884,472.0	844,003.9	416,586.3	1,013.0	422.0
1/25/2023	13.07	47.1	1,649.7	1,293,388.0	1,234,210.3	609,185.7	1,013.0	617.1
1/26/2023	24.00	47.1	1,451.4	2,090,015.0	1,994,388.5	984,397.1	1,013.0	997.2
1/27/2023	24.00	47.1	1,359.6	1,957,804.0	1,868,226.6	922,125.7	1,013.0	934.1
1/28/2023	24.00	47.1	1,398.2	2,013,348.0	1,921,229.3	948,286.9	1,013.0	960.6
1/29/2023	20.00	47.1	1,406.3	1,687,608.0	1,610,393.2	794,863.4	1,013.0	805.2
1/30/2023	17.17	47.1	1,387.9	1,429,532.0	1,364,125.2	673,309.6	1,013.0	682.1
1/31/2023	21.60	47.1	1,390.0	1,801,470.0	1,719,045.5	848,492.4	1,013.0	859.5
<b>Totals/ Average:</b>	<b>586.47</b>	<b>47.1</b>	<b>1,480.9</b>	<b>51,514,553.0</b>	<b>49,157,556.1</b>	<b>24,263,354.5</b>	<b>1,013.0</b>	<b>24,578.8</b>
							<b>Maximum:</b>	<b>1,047.8</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 47.1 percent determined from the July 21, 2022 Source Test.

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-7 Flare Heat Input Rate**

MONTH: February-2023

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
2/1/2023	19.17	47.1	1,554.6	1,787,763.0	1,705,965.7	842,036.4	1,013.0	853.0
2/2/2023	16.73	47.1	1,450.6	1,456,404.0	1,389,767.7	685,966.3	1,013.0	694.9
2/3/2023	24.00	47.1	1,490.0	2,145,646.0	2,047,474.1	1,010,599.3	1,013.0	1,023.7
2/4/2023	24.00	47.1	1,535.3	2,210,881.0	2,109,724.4	1,041,325.0	1,013.0	1,054.9
2/5/2023	24.00	47.1	1,492.5	2,149,137.0	2,050,805.4	1,012,243.5	1,013.0	1,025.4
2/6/2023	24.00	47.1	2,005.2	2,887,439.0	2,755,327.1	1,359,983.8	1,013.0	1,377.7
2/7/2023	24.00	47.1	2,223.0	3,201,190.0	3,054,722.8	1,507,760.5	1,013.0	<b>1,527.4</b>
2/8/2023	23.50	47.1	2,238.2	3,155,835.0	3,011,442.9	1,486,398.3	1,013.0	1,505.7
2/9/2023	23.33	47.1	2,247.7	3,146,734.0	3,002,758.3	1,482,111.7	1,013.0	1,501.4
2/10/2023	20.83	47.1	2,043.7	2,554,586.0	2,437,703.5	1,203,210.0	1,013.0	1,218.9
2/11/2023	15.23	47.1	1,696.1	1,550,281.0	1,479,349.4	730,182.4	1,013.0	739.7
2/12/2023	19.93	47.1	1,683.0	2,012,891.0	1,920,793.2	948,071.7	1,013.0	960.4
2/13/2023	16.30	47.1	1,682.4	1,645,351.0	1,570,069.6	774,960.3	1,013.0	785.0
2/14/2023	24.00	47.1	1,639.0	2,360,211.0	2,252,221.9	1,111,659.4	1,013.0	1,126.1
2/15/2023	24.00	47.1	1,715.1	2,469,743.0	2,356,742.4	1,163,249.0	1,013.0	1,178.4
2/16/2023	22.13	47.1	1,717.7	2,281,080.0	2,176,711.5	1,074,388.7	1,013.0	1,088.4
2/17/2023	17.07	47.1	1,634.4	1,673,604.0	1,597,029.9	788,267.5	1,013.0	798.5
2/18/2023	24.00	47.1	1,510.0	2,174,350.0	2,074,864.8	1,024,118.9	1,013.0	1,037.4
2/19/2023	24.00	47.1	1,547.9	2,228,968.0	2,126,983.8	1,049,843.9	1,013.0	1,063.5
2/20/2023	24.00	47.1	1,573.2	2,265,462.0	2,161,808.1	1,067,032.6	1,013.0	1,080.9
2/21/2023	14.20	47.1	1,512.8	1,288,939.0	1,229,964.9	607,090.3	1,013.0	615.0
2/22/2023	15.30	47.1	1,781.8	1,635,694.0	1,560,854.5	770,411.9	1,013.0	780.4
2/23/2023	19.03	47.1	1,701.2	1,942,729.0	1,853,841.4	915,025.4	1,013.0	926.9
2/24/2023	24.00	47.1	1,530.3	2,203,595.0	2,102,771.7	1,037,893.2	1,013.0	1,051.4
2/25/2023	21.30	47.1	1,554.9	1,987,146.0	1,896,226.1	935,945.8	1,013.0	948.1
2/26/2023	24.00	47.1	1,443.5	2,078,651.0	1,983,544.4	979,044.6	1,013.0	991.8
2/27/2023	22.40	47.1	1,530.1	2,056,483.0	1,962,390.7	968,603.5	1,013.0	981.2
2/28/2023	17.00	47.1	1,513.4	1,543,675.0	1,473,045.7	727,070.9	1,013.0	736.5
<b>Totals/ Average:</b>	<b>591.47</b>	<b>47.1</b>	<b>1,687.4</b>	<b>60,094,468.0</b>	<b>57,344,905.7</b>	<b>28,304,494.4</b>	<b>1,013.0</b>	<b>28,672.5</b>
							<b>Maximum:</b>	<b>1,527.4</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 47.1 percent determined from the July 21, 2022 Source Test.

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-7 Flare Heat Input Rate**

MONTH: March-2023

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
3/1/2023	16.17	47.1	1,755.1	1,702,492.5	1,624,596.7	801,874.0	1,013.0	812.3
3/2/2023	19.03	47.1	1,573.7	1,797,164.0	1,714,936.6	846,464.2	1,013.0	857.5
3/3/2023	24.00	47.1	1,490.0	2,145,548.0	2,047,380.6	1,010,553.1	1,013.0	1,023.7
3/4/2023	20.03	47.1	1,593.6	1,915,471.0	1,827,830.5	902,186.8	1,013.0	913.9
3/5/2023	11.87	47.1	1,850.0	1,317,226.0	1,256,957.6	620,413.4	1,013.0	628.5
3/6/2023	24.00	47.1	1,783.8	2,568,638.0	2,451,112.5	1,209,828.5	1,013.0	1,225.6
3/7/2023	17.57	47.1	1,788.4	1,884,954.0	1,798,709.8	887,813.3	1,013.0	899.4
3/8/2023	16.43	47.1	2,011.3	1,983,100.0	1,892,365.2	934,040.1	1,013.0	946.2
3/9/2023	24.00	47.1	1,886.6	2,716,744.0	2,592,442.1	1,279,586.4	1,013.0	<b>1,296.2</b>
3/10/2023	23.63	47.1	1,798.1	2,549,763.0	2,433,101.1	1,200,938.4	1,013.0	1,216.6
3/11/2023	24.00	47.1	1,849.6	2,663,428.0	2,541,565.5	1,254,474.6	1,013.0	1,270.8
3/12/2023	23.00	47.1	1,799.8	2,483,677.0	2,370,038.8	1,169,811.9	1,013.0	1,185.0
3/13/2023	22.27	47.1	1,847.0	2,467,551.0	2,354,650.7	1,162,216.5	1,013.0	1,177.3
3/14/2023	22.23	47.1	1,837.9	2,451,760.0	2,339,582.2	1,154,779.0	1,013.0	1,169.8
3/15/2023	16.57	47.1	1,834.9	1,823,914.0	1,740,462.6	859,063.5	1,013.0	870.2
3/16/2023	24.00	47.1	1,848.9	2,662,476.0	2,540,657.1	1,254,026.2	1,013.0	1,270.3
3/17/2023	23.27	47.1	1,783.0	2,489,067.0	2,375,182.2	1,172,350.6	1,013.0	1,187.6
3/18/2023	23.63	47.1	1,793.5	2,543,129.0	2,426,770.7	1,197,813.8	1,013.0	1,213.4
3/19/2023	15.97	47.1	1,831.6	1,754,672.0	1,674,388.7	826,450.5	1,013.0	837.2
3/20/2023	22.43	47.1	1,828.4	2,460,998.0	2,348,397.5	1,159,130.1	1,013.0	1,174.2
3/21/2023	15.03	47.1	1,915.6	1,727,887.0	1,648,829.3	813,834.8	1,013.0	824.4
3/22/2023	14.83	47.1	1,793.1	1,595,879.0	1,522,861.2	751,659.0	1,013.0	761.4
3/23/2023	18.70	47.1	1,738.3	1,950,383.0	1,861,145.2	918,630.4	1,013.0	930.6
3/24/2023	17.27	47.1	1,812.7	1,877,994.0	1,792,068.3	884,535.2	1,013.0	896.0
3/25/2023	17.77	47.1	1,916.0	2,042,407.0	1,948,958.7	961,973.7	1,013.0	974.5
3/26/2023	12.13	47.1	1,886.4	1,373,308.0	1,310,473.7	646,828.1	1,013.0	655.2
3/27/2023	13.33	47.1	1,917.8	1,534,228.0	1,464,030.9	722,621.4	1,013.0	732.0
3/28/2023	16.73	47.1	1,880.3	1,887,821.0	1,801,445.6	889,163.7	1,013.0	900.7
3/29/2023	24.00	47.1	1,802.3	2,595,381.0	2,476,631.9	1,222,424.5	1,013.0	1,238.3
3/30/2023	19.07	47.1	2,069.1	2,367,048.0	2,258,746.1	1,114,879.6	1,013.0	1,129.4
3/31/2023	16.43	47.1	1,628.5	1,605,744.0	1,532,274.8	756,305.4	1,013.0	766.1
<b>Totals/ Average:</b>	<b>599.40</b>	<b>47.1</b>	<b>1,811.1</b>	<b>64,939,852.5</b>	<b>61,968,594.5</b>	<b>30,586,670.5</b>	<b>1,013.0</b>	<b>30,984.3</b>
							<b>Maximum:</b>	<b>1,296.2</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 47.1 percent determined from the July 21, 2022 Source Test.

<sup>2</sup>There were 743.00 hours available in March 2023 due to Daylight Savings Time.

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-8 Flare Heat Input Rate**

MONTH: October-2022

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
10/1/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/2/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/3/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/4/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/5/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/6/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/7/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/8/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/9/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/10/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/11/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/12/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/13/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/14/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/15/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/16/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/17/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/18/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/19/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/20/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/21/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/22/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/23/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/24/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/25/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/26/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/27/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/28/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/29/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/30/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/31/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.  
 BTU/scf= British thermal unit per standard cubic feet  
 scf= standard cubic feet  
 scfm= standard cubic feet per minute  
 MMBTU= million British thermal units  
 LFG= landfill gas  
 CH<sub>4</sub>= methane  
 %= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-8 Flare Heat Input Rate**

MONTH: November-2022

Date	Runtime <sup>2</sup> (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
11/1/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/2/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/3/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/4/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/5/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/6/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/7/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/8/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/9/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/10/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/11/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/12/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/13/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/14/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/15/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/16/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/17/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/18/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/19/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/20/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/21/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/22/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/23/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/24/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/25/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/26/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/27/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/28/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/29/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/30/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.

<sup>2</sup>There were 721.00 hours available in November 2022 due to Daylight Savings Time.

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

scfm= standard cubic feet per minute

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent



**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-8 Flare Heat Input Rate**

MONTH: December-2022

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
12/1/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/2/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/3/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/4/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/5/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/6/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/7/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/8/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/9/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/10/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/11/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/12/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/13/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/14/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/15/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/16/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/17/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/18/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/19/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/20/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/21/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/22/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/23/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/24/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/25/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/26/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/27/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/28/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/29/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/30/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/31/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

scfm= standard cubic feet per minute

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-8 Flare Heat Input Rate**

MONTH: January-2023

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
1/1/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/2/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/3/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/4/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/5/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/6/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/7/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/8/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/9/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/10/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/11/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/12/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/13/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/14/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/15/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/16/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/17/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/18/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/19/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/20/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/21/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/22/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/23/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/24/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/25/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/26/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/27/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/28/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/29/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/30/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/31/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.

<sup>2</sup>There were 721.00 hours available in November 2022 due to Daylight Savings Time.

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

scfm= standard cubic feet per minute

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-8 Flare Heat Input Rate**

MONTH: February-2023

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
2/1/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/2/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/3/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/4/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/5/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/6/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/7/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/8/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/9/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/10/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/11/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/12/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/13/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/14/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/15/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/16/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/17/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/18/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/19/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/20/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/21/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/22/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/23/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/24/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/25/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/26/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/27/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/28/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.  
 BTU/scf= British thermal unit per standard cubic feet  
 scf= standard cubic feet  
 scfm= standard cubic feet per minute  
 MMBTU= million British thermal units  
 LFG= landfill gas  
 CH<sub>4</sub>= methane  
 %= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-8 Flare Heat Input Rate**

MONTH: March-2023

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
3/1/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/2/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/3/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/4/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/5/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/6/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/7/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/8/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/9/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/10/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/11/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/12/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/13/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/14/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/15/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/16/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/17/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/18/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/19/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/20/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/21/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/22/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/23/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/24/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/25/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/26/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/27/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/28/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/29/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/30/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/31/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.

<sup>2</sup>There were 743.00 hours available in March 2023 due to Daylight Savings Time.

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

scfm= standard cubic feet per minute

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-9 Flare Heat Input Rate**

MONTH: October-2022

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
10/1/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/2/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/3/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/4/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/5/2022	16.53	51.6	1,439.0	1,427,521.0	1,492,353.3	736,600.8	1,013.0	746.2
10/6/2022	21.73	51.6	1,552.2	2,024,029.0	2,115,952.3	1,044,399.0	1,013.0	<b>1,058.0</b>
10/7/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/8/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/9/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/10/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/11/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/12/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/13/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/14/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/15/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/16/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/17/2022	0.07	51.6	1,454.5	5,818.0	6,082.2	3,002.1	1,013.0	3.0
10/18/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/19/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/20/2022	1.80	51.6	1,401.9	151,407.0	158,283.3	78,126.0	1,013.0	79.1
10/21/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/22/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/23/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/24/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/25/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/26/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/27/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/28/2022	0.03	51.6	1,880.0	3,760.0	3,930.8	1,940.2	1,013.0	2.0
10/29/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/30/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
10/31/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>40.17</b>	<b>51.6</b>	<b>1,545.5</b>	<b>3,612,535.0</b>	<b>3,776,601.9</b>	<b>1,864,068.1</b>	<b>1,013.0</b>	<b>1,888.3</b>
							<b>Maximum:</b>	<b>1,058.0</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 51.6 percent determined from the July 21, 2022 Source Test.  
scfm= standard cubic feet per minute  
BTU/scf= British thermal unit per standard cubic feet  
scf= standard cubic feet  
MMBTU= million British thermal units  
LFG= landfill gas  
CH<sub>4</sub>= methane  
%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-9 Flare Heat Input Rate**

MONTH: November-2022

Date	Runtime <sup>2</sup> (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
11/1/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/2/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/3/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/4/2022	2.03	51.6	1,457.6	177,832.3	185,908.8	91,761.5	1,013.0	93.0
11/5/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/6/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/7/2022	0.13	51.6	1,395.3	11,162.0	11,668.9	5,759.6	1,013.0	5.8
11/8/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/9/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/10/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/11/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/12/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/13/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/14/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/15/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/16/2022	4.73	51.6	1,731.1	491,623.0	513,950.6	253,677.5	1,013.0	<b>257.0</b>
11/17/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/18/2022	0.37	51.6	1,646.7	36,227.0	37,872.3	18,693.1	1,013.0	18.9
11/19/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/20/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/21/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/22/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/23/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/24/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/25/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/26/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/27/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/28/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/29/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
11/30/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>7.27</b>	<b>51.6</b>	<b>1,557.7</b>	<b>716,844.3</b>	<b>749,400.5</b>	<b>369,891.7</b>	<b>1,013.0</b>	<b>374.7</b>
							<b>Maximum:</b>	<b>257.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 51.6 percent determined from the July 21, 2022 Source Test.

<sup>2</sup>There were 721.00 hours available in November 2022 due to Daylight Savings Time.

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-9 Flare Heat Input Rate**

MONTH: December-2022

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
12/1/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/2/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/3/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/4/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/5/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/6/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/7/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/8/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/9/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/10/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/11/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/12/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/13/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/14/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/15/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/16/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/17/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/18/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/19/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/20/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/21/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/22/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/23/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/24/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/25/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/26/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/27/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/28/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/29/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/30/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
12/31/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>51.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 51.6 percent determined from the July 21, 2022 Source Test.  
scfm= standard cubic feet per minute  
BTU/scf= British thermal unit per standard cubic feet  
scf= standard cubic feet  
MMBTU= million British thermal units  
LFG= landfill gas  
CH<sub>4</sub>= methane  
%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-9 Flare Heat Input Rate**

MONTH: January-2023

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
1/1/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/2/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/3/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/4/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/5/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/6/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/7/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/8/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/9/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/10/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/11/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/12/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/13/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/14/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/15/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/16/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/17/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/18/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/19/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/20/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/21/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/22/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/23/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/24/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/25/2023	1.30	51.6	1,066.9	83,220.0	86,999.5	42,941.5	1,013.0	43.5
1/26/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/27/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/28/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/29/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/30/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
1/31/2023	0.33	51.6	1,262.2	25,243.0	26,389.4	13,025.4	1,013.0	13.2
<b>Totals/ Average:</b>	<b>1.63</b>	<b>51.6</b>	<b>1,164.5</b>	<b>108,463.0</b>	<b>113,389.0</b>	<b>55,966.9</b>	<b>1,013.0</b>	<b>56.7</b>
							<b>Maximum:</b>	<b>43.5</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 51.6 percent determined from the July 21, 2022 Source Test.  
scfm= standard cubic feet per minute  
BTU/scf= British thermal unit per standard cubic feet  
scf= standard cubic feet  
MMBTU= million British thermal units  
LFG= landfill gas  
CH<sub>4</sub>= methane  
%= percent



**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-9 Flare Heat Input Rate**

MONTH: February-2023

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
2/1/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/2/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/3/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/4/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/5/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/6/2023	17.60	51.6	1,422.8	1,502,481.0	1,570,717.7	775,280.2	1,013.0	785.4
2/7/2023	24.00	51.6	1,424.4	2,051,187.0	2,144,343.7	1,058,412.5	1,013.0	<b>1,072.2</b>
2/8/2023	22.33	51.6	1,431.8	1,918,568.0	2,005,701.7	989,981.1	1,013.0	1,002.9
2/9/2023	21.47	51.6	1,492.7	1,922,621.0	2,009,938.8	992,072.4	1,013.0	1,005.0
2/10/2023	14.77	51.6	1,637.6	1,450,881.0	1,516,774.2	748,654.6	1,013.0	758.4
2/11/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/12/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/13/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/14/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/15/2023	0.17	51.6	1,685.2	16,852.0	17,617.4	8,695.6	1,013.0	8.8
2/16/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/17/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/18/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/19/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/20/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/21/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/22/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/23/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/24/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/25/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/26/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/27/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
2/28/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>100.33</b>	<b>51.6</b>	<b>1,515.7</b>	<b>8,862,590.0</b>	<b>9,265,093.4</b>	<b>4,573,096.4</b>	<b>1,013.0</b>	<b>4,632.5</b>
							<b>Maximum:</b>	<b>1,072.2</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 51.6 percent determined from the July 21, 2022 Source Test.  
scfm= standard cubic feet per minute  
BTU/scf= British thermal unit per standard cubic feet  
scf= standard cubic feet  
MMBTU= million British thermal units  
LFG= landfill gas  
CH<sub>4</sub>= methane  
%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-9 Flare Heat Input Rate**

MONTH: March-2023

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
3/1/2023	0.37	51.6	1,222.3	26,891.0	28,112.3	13,875.8	1,013.0	14.1
3/2/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/3/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/4/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/5/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/6/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/7/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/8/2023	1.07	51.6	1,856.6	118,822.0	124,218.4	61,312.2	1,013.0	62.1
3/9/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/10/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/11/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/12/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/13/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/14/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/15/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/16/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/17/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/18/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/19/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/20/2023	2.70	51.6	1,457.2	236,062.0	246,783.0	121,808.0	1,013.0	123.4
3/21/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/22/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/23/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/24/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/25/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/26/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/27/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/28/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/29/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/30/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
3/31/2023	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>4.13</b>	<b>51.6</b>	<b>1,512.0</b>	<b>381,775.0</b>	<b>399,113.7</b>	<b>196,995.9</b>	<b>1,013.0</b>	<b>199.6</b>
							<b>Maximum:</b>	<b>123.4</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 51.6 percent determined from the July 21, 2022 Source Test.

<sup>2</sup>There were 743.00 hours available in March 2023 due to Daylight Savings Time.

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

## APPENDIX M

### S-12 STOCKPILE OF GREEN WASTE

**Ox Mountain Landfill, Half Moon Bay, California**

**STOCKPILE OF GREEN WASTE**

<b>Month</b>	<b>Yard and Green Waste Accepted (Tons)</b>	<b>12-Month Consecutive Total (Tons)*</b>
October-22	<b>0.00</b>	<b>0.00</b>
November-22	<b>0.00</b>	<b>0.00</b>
December-22	<b>0.00</b>	<b>0.00</b>
January-23	<b>0.00</b>	<b>0.00</b>
February-23	<b>0.00</b>	<b>0.00</b>
March-23	<b>0.00</b>	<b>0.00</b>

\*The 12-month consecutive total for each month represents the sum of the monthly green waste accepted calculated using the preceding 12 consecutive months.

\*\*As of March 2020, site accepts green waste but have stopped stockpiling and utilizing green waste as beneficial reuse.

## APPENDIX N

### ANNUAL FLARE SOURCE TESTS



**Blue Sky Environmental, Inc.**

**624 San Gabriel Avenue**

**Albany, CA 94706**

*Phone (510) 525 1261*

*Cell (810) 923 3181*

*bluesky@blueskyenvironmental.com*

August 25, 2022

Attn: Ben Wade  
Republic Services  
Ox Mountain (Los Trancos Canyon) Landfill  
12310 San Mateo Road  
Half Moon Bay, CA 94019

**Subject:** Source emission test report for Landfill Gas Flares A-7 and A-9 located at Ox Mountain (Los Trancos Canyon) Landfill in Half Moon Bay, California, to determine compliance with Condition 10164 of the Bay Area Air Quality Management District (BAAQMD) Title V Permit for Plant #2266, and BAAQMD Regulation 8, Rule 34.

Flare A-7 – 60 MMBtu/hr industrial landfill gas flare

Flare A-9 – 126 MMBtu/hr industrial landfill gas flare

**Test Date(s):** Testing was performed on July 21 and 22, 2022.

**Sampling Location:** Sampling was conducted at the exhaust stack of each 40-60' flare through 4-inch flange ports that were accessible using a boom lift provided by the facility. Ports were available that met EPA Method 1 minimum criteria of two stack diameters downstream from the nearest disturbance and 0.5 stack diameters from the nearest disturbance or exhaust.

**Sampling Personnel:** Sampling was performed by Jeramie Richardson and Timothy Eandi of Blue Sky Environmental, Inc. Nat Isreal of Tetra Tech, Inc. was onsite to operate the flares and ensure that the flare controls and charts were functioning properly.

**Observing Personnel:** BAAQMD was notified of the scheduled testing in a source test plan submitted on June 30, 2022 (NST# 7531 and 7532). No agency observers from BAAQMD were present during the test program.

**Process Description:** Ox Mountain (Los Trancos Canyon) Landfill is an active multi-material landfill with a gas collection system (S-1) that is abated by two landfill gas flares (A-7 and A-9). The flares are maintained above the permitted minimum temperature of 1,400°F. Landfill gas may also be vented off-site to the Ameresco Half Moon Bay LLC facility's flare of IC engines.

The flare temperatures and landfill gas fuel flows are continuously recorded by the facility at two minute intervals, and the data for the test period was downloaded and used in this report.

**Test Program:** The test program objective was to demonstrate compliance with emission limits specified in the BAAQMD Title V Permit for Plant #2266. This testing also satisfies requirements of BAAQMD Regulation 8, Rule 34 limits that came into effect on July 1, 2002, and the 99% Destruction Efficiency of Landfill Methane requirement that was finalized in 2010.

Three consecutive 30-minute gaseous emissions tests were performed for nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), oxygen (O<sub>2</sub>), carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) and non-methane



hydrocarbons (NMOC) at the exhaust stack of each flare. The sampling system was checked for leaks before the start of the testing, by plugging the sample probe and observing the sample rotameter flow drop to zero. Analyzer external calibrations were performed before and after each run using EPA protocol certified gas standards. A NO<sub>x</sub> analyzer converter efficiency check was performed before the first test run and found to be greater than 90%.

Concurrent with the exhaust sampling, Blue Sky Environmental collected a total of three LFG samples from each flare for CH<sub>4</sub>, C<sub>2</sub>-C<sub>6+</sub> hydrocarbons, NMOC, CO<sub>2</sub>, O<sub>2</sub>, CO, and N<sub>2</sub> analysis. The samples were collected in 6-liter Silco canisters and analyzed by Atmospheric Analysis and Consulting, Inc. in Ventura, California. Results were used to determine fuel BTU and Fd-factor and calculate destruction/removal efficiencies. The samples were also analyzed to for total reduced sulfur (TRS) compounds by ASTM D5504 and EPA TO-15 volatile organic compounds.

The LFG methane concentration was added to the NMOC results to determine the inlet total hydrocarbons (THC). The THC value was used to calculate the THC destruction efficiency. The LFG flowrate, BTU and F-Factor were used with the flare exhaust %O<sub>2</sub> concentration to determine the emission flowrate using EPA Method 19.

The TRS/H<sub>2</sub>S analysis of the landfill gas was used to calculate the stack SO<sub>2</sub> concentration and emissions rate.

**Sampling and Analysis Methods:** The following U.S. Environmental Protection Agency (EPA) and ASTM sampling and analytical methods were used:

EPA Method 1	Sample and Traverse Point Determination
EPA Method 3A	O <sub>2</sub> and CO <sub>2</sub> , Stack Gas Molecular Weight
EPA Method 7E	NO <sub>x</sub> Emissions and NO <sub>2</sub> Converter Efficiency
EPA Method 10	CO Emissions
EPA Method 25A/ALT-097	CH <sub>4</sub> and NMOC Emissions
EPA Method 19	Calculation of Stack Gas Flow Rate
EPA Method 4	Moisture
EPA Method 25C	NMOC in landfill gas
ASTM D1945/3588	Fuel analysis for BTU and F-Factor
ASTM D5504	Fuel analysis for TRS and H <sub>2</sub> S by GC
EPA Method TO-15	Fuel analysis for VOC Species by GCMS

The sampling and analysis methods are summarized below:

#### **EPA Method 1 – Sample and Velocity Traverses for Stationary Sources**

This method is used to determine the duct or stack area and appropriate traverse points that represent equal areas of the duct for sampling and velocity measurements.

#### **EPA Method 3A – Determination of Oxygen and Carbon Dioxide Concentrations in Emissions from Stationary Sources (Instrumental Analyzer Procedure)**

This method is used to measure oxygen and carbon dioxide in stationary source emissions using a continuous instrumental analyzer to determine the molecular weight of the stack gas. A continuous representative gas sample is extracted from the sampling point and conditioned to remove water and particulate material. A small portion of the sample is passed through a fuel cell type paramagnetic oxygen analyzer which measures the electrical current generated by the oxidation reaction at the



gas/fuel cell interface. Carbon dioxide is determined by passing the sample through a non-dispersive infrared analyzer (NDIR) tuned to a frequency at which carbon dioxide absorbs infrared radiation.

### **EPA Method 7E – Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure)**

This method is used to measure nitrogen oxides in stationary source emissions using a continuous instrumental analyzer. A continuous representative gas sample is extracted from the sampling point and conditioned to remove water and particulate material. Nitric oxide is determined by passing the sample through a chemiluminescent analyzer. The chemiluminescent process is based on the light given off when nitric oxide and ozone react. Nitrogen dioxide (NO<sub>2</sub>) concentrations are determined by passing the sample through a catalyst which reduces the NO<sub>2</sub> to NO. The total oxides of nitrogen concentration (NO<sub>2</sub> + NO) is then determined by chemiluminescence.

Section 16.2.2 of the method is used to determine the NO<sub>x</sub> analyzer NO<sub>2</sub> to NO conversion efficiency.

### **EPA Method 10 – Determination of Carbon Monoxide Emissions from Stationary Sources**

This method is used to measure carbon monoxide from integrated or continuous gas samples extracted from a sampling point. A continuous representative gas sample is extracted from the sampling point and conditioned to remove water and particulate material. Carbon monoxide is determined by passing the sample through a non-dispersive infrared analyzer (NDIR) tuned to a frequency at which carbon monoxide absorbs infrared radiation.

EPA Methods 3A, 7E and 10 are all continuous monitoring techniques using instrumental analyzers. Sampling is performed by extracting exhaust flue gas from the stack, conditioning the sample, and analyzing it by continuous monitoring gas analyzers in a continuing emissions monitoring (CEM) test van. The sampling system consists of a stainless steel sample probe, Teflon sample line, glass-fiber particulate filter, and glass moisture-knockout condensers in ice, followed by thermoelectric coolers (optional), Teflon sample transfer tubing, a diaphragm pump, and a stainless steel/Teflon manifold and flow control/delivery system. A constant sample and calibration gas supply pressure of 5 PSI is provided to each analyzer to avoid pressure variable response differences. The entire sampling system is leak checked prior to and at the end of the sampling program.

The sampling and analytical system is checked for linearity with zero, mid (40-60%) and high span (80-100%) calibrations and is checked for system bias at the beginning and end of each run. System bias is determined by introducing calibration gas to the probe and pulling it through the entire sampling system. Individual test run calibrations use the calibration gas that most closely matches the stack gas effluent. All calibrations during testing are performed externally to incorporate any system bias that may exist. Sampling system bias, zero and calibration drift values are determined for each test. EPA Methods 3A, 7E and 10 all defer to EPA Method 7E for the calculations of effluent concentration, span, calibration gas, analyzer calibration error (linearity), sampling system bias, zero drift, calibration drift and response time.

All calibration gases are EPA Protocol #1. The analyzer data recording system consists of a Honeywell DPR3000 strip chart recorder supported by a Data Acquisition System (DAS).

### **EPA Method 4 – Determination of Moisture Content in Stack Gas**

This method is used to determine the moisture content of stack gas. The sample is extracted and condensed in Greenburg-Smith impingers immersed in an ice bath and in a final impinger silica gel trap. The moisture is condensed in a solution of de-ionized water, or solutions of another type of sampling train if the moisture is being determined as part of another sampling method, such as EPA





Method 5, SCAQMD Method 201.7 or BAAQMD ST-32. The moisture gain in the impinger solutions and silica gel is determined volumetrically and gravimetrically respectively. QA/QC procedures require that a minimum of 21 cubic feet of sample is pulled using a leak tight pump. The sample volume is measured with a calibrated dry gas meter. The impingers are immersed in an ice bath to maintain a gas outlet temperature of less than 68°F. Pre-test leak checks are performed for each run using a minimum 15 inches of mercury vacuum. Post-test leak checks are performed at the highest sample vacuum or greater. The leak test is acceptable if the leak rate is less than 0.02 cubic feet per minute or 4% of the average sampling rate, whichever is less. If the final leak check exceeds the criteria, either the volume is corrected based on the leak rate or the run is voided and repeated.

#### **EPA Method 25A/ALT-097 – Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer**

This method is used to measure total hydrocarbons, methane, and non-methane hydrocarbons in stationary source emissions using a gas chromatograph with a flame ionization detector (GC/FID). Heated Teflon sample gas transfer lines are used to provide a continuous sample to the heated GC/FID hydrocarbon analyzer. Heated lines are used to avoid moisture or hydrocarbon condensation.

The sampling and analytical system is checked for linearity with zero, low (25-35%), mid (45-55%), and high (80-90%) span calibrations. All calibrations during testing are performed externally to incorporate any system bias that may exist. Sampling system bias, zero and calibration drift values are determined for each test. All data is corrected according to the method.

#### **EPA Method 25C – Determination of Nonmethane Organic Compounds (NMOC) in Landfill Gas**

This method is used to sample and measure NMOC in landfill gases. The method is written for evacuated tank sampling but is adaptable to Tedlar bag sampling procedures. The sampling equipment consists of a stainless steel or glass lined probe with a short stainless-steel or Teflon transfer line to a Tedlar bag housed in a sealed chamber. The chamber is evacuated by pump at a prescribed rate for the test duration and the Tedlar bag capacity, so the sample is integrated over the test period. The sample is injected into a GC column where the methane and CO<sub>2</sub> are flushed through and removed then the NMOC (ROC) fraction is oxidized to form CO<sub>2</sub> then reduced to methane and analyzed.

#### **EPA Method 19 – Determination of Sulfur Dioxide Removal Efficiency and Particulate Matter, Sulfur Dioxide, and Nitrogen Oxide Emission Rates**

This method is used to determine stack gas volumetric flow rates using oxygen-based F-factors. F-factors are ratios of combustion gas volumes to heat inputs. The heating value of the fuel in Btu per cubic foot is determined from analysis of fuel gas samples using ASTM D1946/1945 gas chromatography analytical procedures. The total cubic feet per hour of fuel multiplied times the Btu/cf provides million Btu per hour (MMBtu) heat input. The heat input in MMBtu/hr is multiplied by the F-factor (DSCF/MMBtu) and adjusted for the measured oxygen content of the source to determine volumetric flow rate. The flow rates are used to determine emission rates.

#### **ASTM D1945 – Analysis of Natural Gas by Gas Chromatography**

This method is used to measure fixed gases (such as oxygen, nitrogen, carbon monoxide, and carbon dioxide) and methane by gas chromatography (GC/TCD). Light hydrocarbons, including C1-C7, are analyzed by GC/FID.



**ASTM D3588 – Standard Practice for Calculating Heat Value, Compressibility Factor, and Relative Density of Gaseous Fuels**

This method uses the molar composition of gaseous fuel determined from Method ASTM D-1945 to calculate the heating value and F-factor.

**ASTM D5504 – Determination of Sulfur Compounds in Natural Gas and Gaseous Fuels by Gas Chromatography and Chemiluminescence**

This method is used for the determination of speciated volatile sulfur-containing compounds in high methane content gaseous fuels by gas chromatography. Sulfur compounds are processed using a flame ionization detector (GC/FID). The products are then analyzed with a sulfur chemiluminescence detector (GC/SCD). Samples may be collected in Tedlar bags and analyzed within 24 hours or in Silco SUMMA canisters and analyzed within 7 days.

**EPA Compendium Method TO-15 – Determination of Toxic Organic Compounds in Ambient Air**

This method is used to measure volatile organic compounds that are included in the hazardous air pollutants (HAPs) listed in Title III of the Clean Air Act Amendments of 1990 by GC/MS (gas chromatography/mass spectroscopy). Samples are collected in pre-evacuated 6-Liter SUMMA canisters with pre-set flow controllers set to integrate over the desired test duration. The SUMMA® passivated canisters allow holding times up to 14 days for the TO-15 Method list of volatile organics. The sample gas is drawn by the canister vacuum through a micro-filter, pre-set orifice flow controller and on/off valve into the canister. The canister vacuum is monitored with a vacuum gauge to verify sample collection. The flow controller consisted of capillary orifice tubing designed to sample for a pre-set duration of 0.75hrs.

**Instrumentation:** The following continuous emissions analyzers were used:

Instrument	Analyte	Principle
TECO Model 42C	NO <sub>x</sub>	Chemiluminescence
TECO Model 48C	CO	GFC/IR
TECO Model 55C	CH <sub>4</sub> /NMOC	Flame Ionization (FID)
Servomex Model 1400	CO <sub>2</sub>	Infrared (IR)
Servomex Model 1400	O <sub>2</sub>	Paramagnetic



**Test Results:** The compliance summary is presented below. Detailed source test emission results are provided in Tables 1-4. All measured test parameters complied with permit limits.

**Compliance Summary – Flare A-7**

Emission Parameter	Average Results Flare A-7	Permit Limits	Compliance Status
NO <sub>x</sub> , ppmvd @ 3% O <sub>2</sub>	35.2	39	In Compliance
NO <sub>x</sub> , lb/MMBtu	0.0456	0.052	In Compliance
CO, ppmvd @ 3% O <sub>2</sub>	25.0	184	In Compliance
CO, lb/MMBtu	0.0197	0.15	In Compliance
NMOC, ppmvd @ 3% O <sub>2</sub> as CH <sub>4</sub>	<2.7	30	In Compliance
NMOC Destruction Efficiency, %	>98.90	>98%	In Compliance
THC Destruction Efficiency, %	>99.97	>98%	In Compliance
CH <sub>4</sub> Destruction Efficiency, %	>99.97	>99%	In Compliance

**Compliance Summary – Flare A-9**

Emission Parameter	Average Results Flare A-9	Permit Limits	Compliance Status
NO <sub>x</sub> , ppmvd @ 3% O <sub>2</sub>	38.6	39	In Compliance
NO <sub>x</sub> , lb/MMBtu	0.0501	0.052	In Compliance
CO, ppmvd @ 3% O <sub>2</sub>	153	184	In Compliance
CO, lb/MMBtu	0.121	0.15	In Compliance
NMOC, ppmvd @ 3% O <sub>2</sub> as CH <sub>4</sub>	<3.3	30	In Compliance
NMOC Destruction Efficiency, %	>98.79	>98%	In Compliance
THC Destruction Efficiency, %	>99.89	>98%	In Compliance
CH <sub>4</sub> Destruction Efficiency, %	>99.90	>99%	In Compliance

The appendices are organized as follows:

Calculations

All calculations performed using the continuous emissions monitoring (CEM) data and flow rate calculations

Laboratory Reports

All laboratory reports and chain of custody documents

Field Data Sheets

All CEMS data transcribed from the strip charts or computer-generated process data

Process Data

Flare temperature and landfill gas fuel flow



Calibration Gas Certificates

Certifications for the calibration gas standards

Equipment Calibrations

Calibration records for equipment used (e.g., S-type pitot tubes, dry gas meters, rotameters)

Stack Diagram

Sketch or photographs of the sampling location and stack configuration

Sample System Diagram

Schematic of the sampling system configuration

Permit/Authority to Construct

Facility permits to operate or authority to construct

Source Test Plan

Sampling protocols submitted to the AQMD/APCD prior to testing

**Comments:** This source test was performed in accordance with the protocol submitted to BAAQMD. No deviations from the protocol or anomalies were observed during testing. No process interruptions were encountered, and no operational changes were required during the test program. The measured emissions met permit-required limits.

The work performed herein was conducted under my supervision, and I certify that:

- a) the details and results contained within this report are to the best of my knowledge an authentic and accurate representation of the test program,
- b) that the sampling and analytical procedures and data presented in the report is authentic and accurate,
- c) that all testing details and conclusions are accurate and valid, and
- d) that the production rate and/or heat input rate during the source test are reported accurately.

If this report is submitted for compliance purposes, it should only be reproduced in its entirety. If there are any questions concerning this report, please contact Jeramie Richardson at (810) 923-3181 or Guy Worthington at (510) 508-3469.

Prepared by,

Jessica Morris

Reviewed by,

Julie Wose-Jennings

TABLE #1

Ox Mountain Landfill  
Landfill Gas Flare (A-7)

Parameter	Run 1	Run 2	Run 3	Average Results	Permit Limits
Test Date	7/22/22	7/22/22	7/22/22		
Test Time	0829-0916	1005-1052	1115-1203		
Standard Temperature, °F	70	70	70	70	
Flare Temperature, °F	1,507	1,501	1,504	1,504	
<b>Fuel:</b>					
Fuel Flow Rate, DSCFM	1,339	1,350	1,354	1,348	
Fuel Fd-Factor @ 68°F	9,297	9,315	9,311	9,308	
Total Reduced Sulfurs as H <sub>2</sub> S, ppmv (ASTM D5504)	90.1	113	113	105	265
<b>Stack Gas:</b>					
Exhaust Flow Rate, DSCFM (EPA Method 19)	16,810	17,273	17,532	17,205	
Oxygen (O <sub>2</sub> ), % volume dry	13.6	13.8	13.8	13.7	
Carbon Dioxide (CO <sub>2</sub> ), % volume dry	6.47	6.35	6.21	6.34	
CO <sub>2</sub> , lb/hr	7,422	7,490	7,435	7,449	
Water Vapor (H <sub>2</sub> O), % volume (EPA Method 4)	9.39	7.88	7.41	8.23	
<b>NO<sub>x</sub> Emissions (reported as NO<sub>2</sub>):</b>					
NO <sub>x</sub> , ppmvd	14.1	13.8	14.3	14.1	
NO <sub>x</sub> , ppmvd @ 3% O <sub>2</sub>	34.6	34.8	36.3	35.2	39
NO <sub>x</sub> , lb/hr	1.69	1.71	1.79	1.73	
NO <sub>x</sub> , lb/day	40.5	41.0	43.0	41.5	
NO <sub>x</sub> , lb/MMBtu	0.0448	0.0451	0.0470	0.0456	0.052
<b>CO Emissions:</b>					
CO, ppmvd	10.1	13.9	6.03	10.0	
CO, ppmvd @ 3% O <sub>2</sub>	25.0	34.8	15.3	25.0	184
CO, lb/hr	0.740	1.04	0.459	0.746	
CO, lb/day	17.8	24.9	11.0	17.9	
CO, lb/MMBtu	0.0197	0.0274	0.0120	0.0197	0.15
<b>THC Emissions (reported as CH<sub>4</sub>):</b>					
THC ppmv wet	<11.0	<11.0	<11.0	<11.0	
THC, ppmvd	<12.1	<11.9	<11.9	<12.0	
THC, lb/hr	<0.507	<0.512	<0.517	<0.512	
THC Destruction Efficiency, %	>99.97%	>99.97%	>99.97%	>99.97%	>98%
<b>Methane (CH<sub>4</sub>) Emissions:</b>					
CH <sub>4</sub> , ppmv wet	<10.0	<10.0	<10.0	<10.0	
CH <sub>4</sub> , ppmvd	<11.0	<10.9	<10.8	<10.9	
CH <sub>4</sub> , lb/hr	<0.461	<0.465	<0.470	<0.465	
CH <sub>4</sub> Destruction Efficiency, %	>99.97%	>99.97%	>99.97%	>99.97%	>99%
<b>NMOC Emissions:</b>					
NMOC, ppmv wet	<1.0	<1.0	<1.0	<1.0	
NMOC, ppmvd	<1.1	<1.1	<1.1	<1.1	
NMOC, ppmvd @ 3% O <sub>2</sub>	<2.7	<2.7	<2.7	<2.7	30 <sup>*</sup>
NMOC, lb/hr	<0.046	<0.047	<0.047	<0.047	
NMOC Destruction Efficiency, %	>98.96%	>98.91%	>98.83%	>98.90%	>98% <sup>*</sup>
<b>SO<sub>2</sub> Emissions:</b>					
SO <sub>2</sub> , ppmvd (calculated)	7.18	8.83	8.73	8.25	
SO <sub>2</sub> , lb/hr	15.1	19.4	19.7	18.1	
<b>Inlet Hydrocarbons (reported as CH<sub>4</sub>):</b>					
THC, ppmvd	472,334	471,273	473,194	472,267	
THC, lb/hr	1,570	1,579	1,590	1,580	
CH <sub>4</sub> , ppmvd (ASTM D1945)	471,000	470,000	472,000	471,000	
CH <sub>4</sub> , lb/hr	1,566	1,575	1,586	1,576	
NMOC, ppmvd (EPA Method 25C)	1,334	1,273	1,194	1,267	
NMOC, lb/hr	4.43	4.27	4.01	4.24	

**WHERE:**

ppm = parts per million concentration by volume expressed on a dry gas basis  
 lb/hr = pound per hour emission rate  
 Tstd. = standard temperature (°R = °F+460)  
 MW = molecular weight  
 DSCFM = dry standard cubic feet per minute  
 NO<sub>x</sub> = oxides of nitrogen, reported as NO<sub>2</sub> (MW = 46)  
 CO = carbon monoxide (MW = 28)  
 CH<sub>4</sub> = methane (MW = 16)  
 THC = total hydrocarbons including methane, reported as methane  
 NMOC = non-methane organic compounds, reported as methane  
 SO<sub>2</sub> = sulfur dioxide (MW = 64.1)

**CALCULATIONS:**

ppm dry = ppm wet · 100 / (100 - H<sub>2</sub>O%)  
 ppm @ 3% O<sub>2</sub> = ppm · 17.9 / (20.9 - %O<sub>2</sub>)  
 lb/hr = ppm · 8.223 E-05 · DSCFM · MW / Tstd. °R  
 lb/day = lb/hr · 24  
 lb/MMBtu = Fd · MW · ppm · 2.59E-9 · 20.9/(20.9 - %O<sub>2</sub>)  
 Destruction Efficiency, % = (inlet lbs/hr - outlet lbs/hr) / inlet lbs/hr  
 SO<sub>2</sub>, calculated = H<sub>2</sub>S · Inlet DSCFM / Exhaust DSCFM  
 <Value = 2% of analyzer range

\* >98% NMOC destruction efficiency or <30 ppm NMOC @ 3% O<sub>2</sub>

**TABLE #2**

Permit TACs - Conditon 10164 Part 23

**Ox Mountain Landfill  
Landfill Gas Flare (A-7)**

Compound	Method	Units	Landfill Gas Samples			Average Results	Permit Limits (ppbv)
			A-7 LFG1	A-7 LFG2	A-7 LFG3		
1,1,1-Trichloroethane	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	500
1,1,2,2-Tetrachloroethane	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	50
1,1-Dichloroethane (Ethylidene Dichloride)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	50
1,1-Dichloroethene (Vinylidene Chloride)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	500
1,2-Dichloroethane (Ethylene Dichloride)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	400
2-Propanol (IPA)	EPA TO-15	ppb	599	464	491	518	60,000
Acrylonitrile	EPA TO-15	ppb	<83.1	<87.2	<87	<86	100
Carbon Disulfide	EPA TO-15	ppb	<166	<174	<173	<171	500
Carbon Tetrachloride	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	50
Chlorobenzene	EPA TO-15	ppb	79.8	82.0	94.3	85.4	500
Chloroethane (Ethyl Chloride)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	1,000
Chloroform	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	50
1,4-Dichlorobenzene	EPA TO-15	ppb	525	581	617	574	900
Dichloromethane (Methylene Chloride)	EPA TO-15	ppb	<83.1	<87.2	<86.5	<85.6	1,000
Ethyl Benzene	EPA TO-15	ppb	3,290	3,170	3,250	3,237	7,000
1,2 Dibromoethane (Ethylene Dibromide)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	50
Hexane	EPA TO-15	ppb	297	251	252	267	5,000
2-Butanone (MEK)	EPA TO-15	ppb	3,110	2,400	2,500	2,670	40,000
Tetrachloroethylene (Perchloroethylene)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	600
Trichloroethylene (TCE)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	400
Toluene	EPA TO-15	ppb	3,710	3,380	3,490	3,527	30,000
Benzene	EPA TO-15	ppb	1,240	1,160	1,160	1,187	3,000
m,p-Xylene	EPA TO-15	ppb	3,810	3,750	3,950	3,837	
o-Xylene	EPA TO-15	ppb	1,420	1,400	1,450	1,423	
Xylenes	EPA TO-15	ppb	5,230	5,150	5,400	5,260	30,000
Vinyl Chloride	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	300

TABLE #3

Ox Mountain Landfill  
Landfill Gas Flare (A-9)

Parameter	Run 1	Run 2	Run 3	Average Results	Permit Limits
Test Date	7/21/22	7/21/22	7/21/22		
Test Time	0914-1003	1038-1125	1155-1242		
Standard Temperature, °F	70	70	70	70	
Flare Temperature, °F	1,585	1,589	1,589	1,588	
<b>Fuel:</b>					
Fuel Flow Rate, DSCFM	1,500	1,416	1,329	1,415	
Fuel Fd-Factor @ 68°F	9,316	9,322	9,322	9,320	
Total Reduced Sulfurs as H <sub>2</sub> S, ppmv (ASTM D5504)	144	149	149	147	265
<b>Stack Gas:</b>					
Exhaust Flow Rate, DSCFM (EPA Method 19)	25,705	24,171	23,030	24,302	
Oxygen (O <sub>2</sub> ), % volume dry	15.1	15.0	15.1	15.1	
Carbon Dioxide (CO <sub>2</sub> ), % volume dry	5.20	5.10	5.04	5.11	
CO <sub>2</sub> , lb/hr	9,118	8,408	7,920	8,482	
Water Vapor (H <sub>2</sub> O), % volume (EPA Method 4)	5.69	5.57	5.76	5.67	
<b>NO<sub>x</sub> Emissions (reported as NO<sub>2</sub>):</b>					
NO <sub>x</sub> , ppmvd	12.3	12.7	12.6	12.6	
NO <sub>x</sub> , ppmvd @ 3% O <sub>2</sub>	37.8	38.9	39.1	38.6	39
NO <sub>x</sub> , lb/hr	2.26	2.20	2.07	2.18	
NO <sub>x</sub> , lb/day	54.3	52.8	49.7	52.3	
NO <sub>x</sub> , lb/MMBtu	0.0490	0.0504	0.0508	0.0501	0.052
<b>CO Emissions:</b>					
CO, ppmvd	41.0	58.5	49.8	49.8	
CO, ppmvd @ 3% O <sub>2</sub>	126	178	155	153	184
CO, lb/hr	4.58	6.14	4.98	5.23	
CO, lb/day	110	147	120	126	
CO, lb/MMBtu	0.0992	0.141	0.122	0.121	0.15
<b>THC Emissions (reported as CH<sub>4</sub>):</b>					
THC ppmv wet	<24.5	<41.3	<26.4	<30.7	
THC, ppmvd	<25.9	<43.7	<28.1	<32.6	
THC, lb/hr	<1.66	<2.62	<1.60	<1.96	
THC Destruction Efficiency, %	>99.91%	>99.86%	>99.91%	>99.89%	>98%
<b>Methane (CH<sub>4</sub>) Emissions:</b>					
CH <sub>4</sub> , ppmv wet	23.5	40.3	25.4	29.7	
CH <sub>4</sub> , ppmvd	24.9	42.7	27.0	31.5	
CH <sub>4</sub> , lb/hr	1.59	2.56	1.54	1.90	
CH <sub>4</sub> Destruction Efficiency, %	>99.92%	>99.86%	>99.91%	>99.90%	>99%
<b>NMOC Emissions (reported as CH<sub>4</sub>):</b>					
NMOC, ppmv wet	<1.0	<1.0	<1.0	<1.0	
NMOC, ppmvd	<1.1	<1.1	<1.1	<1.1	
NMOC, ppmvd @ 3% O <sub>2</sub>	<3.3	<3.2	<3.3	<3.3	30*
NMOC, lb/hr	<0.0677	<0.0635	<0.0607	<0.0640	
NMOC Destruction Efficiency, %	>98.78%	>98.81%	>98.78%	>98.79%	>98%*
<b>SO<sub>2</sub> Emissions:</b>					
SO <sub>2</sub> , ppmvd (calculated)	8.40	8.73	8.60	8.58	
SO <sub>2</sub> , lb/hr	36.8	35.8	34.1	35.6	
<b>Inlet Hydrocarbons (reported as CH<sub>4</sub>):</b>					
THC, ppmvd	517,485	518,523	516,509	517,506	
THC, lb/hr	1,927	1,823	1,704	1,818	
CH <sub>4</sub> , ppmvd (ASTM D1945)	516,000	517,000	515,000	516,000	
CH <sub>4</sub> , lb/hr	1,921	1,817	1,699	1,813	
NMOC, ppmvd (EPA Method 25C)	1,485	1,523	1,509	1,506	
NMOC, lb/hr	5.53	5.35	4.98	5.29	

**WHERE:**

ppm = parts per million concentration by volume expressed on a dry gas basis  
 lb/hr = pound per hour emission rate  
 Tstd. = standard temperature (°R = °F+460)  
 MW = molecular weight  
 DSCFM = dry standard cubic feet per minute  
 NO<sub>x</sub> = oxides of nitrogen, reported as NO<sub>2</sub> (MW = 46)  
 CO = carbon monoxide (MW = 28)  
 CH<sub>4</sub> = methane (MW = 16)  
 THC = total hydrocarbons including methane, reported as methane  
 NMOC = non-methane organic compounds, reported as methane  
 SO<sub>2</sub> = sulfur dioxide (MW = 64.1)

**CALCULATIONS:**

ppm dry = ppm wet · 100 / (100 - H<sub>2</sub>O%)  
 ppm @ 3% O<sub>2</sub> = ppm · 17.9 / (20.9 - %O<sub>2</sub>)  
 lb/hr = ppm · 8.223 E-05 · DSCFM · MW / Tstd. °R  
 lb/day = lb/hr · 24  
 lb/MMBtu = Fd · MW · ppm · 2.59E-9 · 20.9 / (20.9 - %O<sub>2</sub>)  
 Destruction Efficiency, % = (inlet lbs/hr - outlet lbs/hr) / inlet lbs/hr  
 SO<sub>2</sub>, calculated = H<sub>2</sub>S · Inlet DSCFM / Exhaust DSCFM  
 <Value = 2% of analyzer range

\* >98% NMOC destruction efficiency or <30 ppm NMOC @ 3% O<sub>2</sub>

**TABLE # 4**

Permit TACs - Conditon 10164 Part 23

**Ox Mountain Landfill  
Landfill Gas Flare (A-9)**

Compound	Method	Units	Landfill Gas Samples			Average Results	Permit Limits (ppbv)
			A-9 LFG1	A-9 LFG2	A-9 LFG3		
1,1,1-Trichloroethane	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	500
1,1,2,2-Tetrachloroethane	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	50
1,1-Dichloroethane (Ethylidene Dichloride)	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	50
1,1-Dichloroethene (Vinylidene Chloride)	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	500
1,2-Dichloroethane (Ethylene Dichloride)	EPA TO-15	ppb	125	122	127	125	400
2-Propanol (IPA)	EPA TO-15	ppb	3,650	3,530	3,620	3,600	60,000
Acrylonitrile	EPA TO-15	ppb	<78.2	<80.8	<83.0	<80.7	100
Carbon Disulfide	EPA TO-15	ppb	<156	<162	<166	<161	500
Carbon Tetrachloride	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	50
Chlorobenzene	EPA TO-15	ppb	115	113	116	115	500
Chloroethane (Ethyl Chloride)	EPA TO-15	ppb	122	111	105	113	1,000
Chloroform	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	50
1,4-Dichlorobenzene	EPA TO-15	ppb	578	602.0	<611.0	597.0	900
Dichloromethane (Methylene Chloride)	EPA TO-15	ppb	<78.2	<80.8	<83.0	<80.7	1,000
Ethyl Benzene	EPA TO-15	ppb	2,840	2,870	2,900	2,870	7,000
1,2 Dibromoethane (Ethylene Dibromide)	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	50
Hexane	EPA TO-15	ppb	311	305	310	309	5,000
2-Butanone (MEK)	EPA TO-15	ppb	6,390	6,280	6,640	6,437	40,000
Tetrachloroethylene (Perchloroethylene)	EPA TO-15	ppb	91.5	90.5	<90.4	<90.8	600
Trichloroethylene (TCE)	EPA TO-15	ppb	79.8	<82.5	<83.0	<81.8	400
Toluene	EPA TO-15	ppb	3,950	3,890	4,050	3,963	30,000
Benzene	EPA TO-15	ppb	1,100	1,090	1,110	1,100	3,000
m,p-Xylene	EPA TO-15	ppb	4,090	4,160	4,120	4,123	
o-Xylene	EPA TO-15	ppb	1,500	1,520	1,520	1,513	
Xylenes	EPA TO-15	ppb	5,590	5,680	5,640	5,637	30,000
Vinyl Chloride	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	300



**BLUE SKY ENVIRONMENTAL, INC**

**Preliminary CEM System QA/QC Summary**

Facility: Ox Mountain Landfill  
 Location: Flare (A-7)

Date: 7/22/22  
 Personnel: JR

Parameter	O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO		Comments
Analyzer	1400	1400	42C	48C		
Instrument Range	25	15	25	150		
Units	%	%	ppm	ppm		
<b>EPA Range (high span)</b>	20.15	12.45	22.66	124.2		
<b>Low Cal Value</b>	0	0	0	0		EPA Methods 20 & 25A only
Cylinder #	--	--	--	--		
<b>Mid Cal Value</b>	14.52	8.175	12.70	86.62		
Cylinder #	EB0141295	EB0141295	EB0096968	CC301607		
<b>High Cal Value</b>	20.15	12.45	22.66	124.2		
Cylinder #	CC406137	CC406137	EB0071568	CC222156		

**LINEARITY**

<b>Low Cal (internal)</b>	0.08	-0.08	0.05	0.30		zero gas
Abs. Difference	0.08	-0.08	0.05	0.30		
% Linearity	0.40%	-0.64%	0.22%	0.24%		<2%
<b>Mid Cal (internal)</b>	14.45	8.14	12.82	85.40		
Abs. Difference	-0.07	-0.04	0.12	-1.22		
% Linearity	-0.35%	-0.28%	0.53%	-0.98%		<2%
<b>High Cal (internal)</b>	20.15	12.21	22.79	123.80		
Abs. Difference	0.00	-0.24	0.13	-0.40		
% Linearity	0.00%	-1.93%	0.57%	-0.32%		<2%

**Initial SYSTEM BIAS Check**

<b>Zero (internal)</b>	0.08	-0.08	0.05	0.30		
<b>Zero (external)</b>	0.06	0.01	0.10	0.00		
Abs. Difference	-0.02	0.09	0.05	-0.30		
bias, % range	-0.10%	0.72%	0.22%	-0.24%		EPA Methods 20/6C/7E (±5%)
<b>Cal (internal)</b>	20.15	12.21	12.82	85.40		
<b>Cal (external)</b>	19.99	12.26	12.66	83.80		
Abs. Difference	-0.16	0.05	-0.16	-1.60		
bias, % range	-0.79%	0.40%	-0.71%	-1.29%		EPA Methods 20/6C/7E (±5%)

**SYSTEM RESPONSE TIME (secs)**

*time from ext. zero to ext. cal, or ext. cal to ext. zero (95% response)*

Zero to Cal	60	60	60	60		
Cal to Zero	60	60	60	60		

**NO<sub>2</sub> Converter Test**

System Cal. Bias (Limit ± 5%) =  $100 \cdot (\text{external cal} - \text{internal cal}) / \text{span range}$   
 % Linearity (Limit ± 2%) =  $100 \cdot (\text{cal gas value} - \text{internal cal}) / \text{span range}$   
 % Efficiency (Limit >90%) =  $100 \cdot (\text{NO}_2 \text{ response}) / \text{NO}_2 \text{ cal gas value}$

NO<sub>2</sub> cal gas value, ppm =  
 Analyzer NO<sub>x</sub> Response, ppm =  
 Efficiency, % =

12.59
>11.97
>95.1

**BLUE SKY ENVIRONMENTAL, INC**

**CEM Bias Correction Summary**

Facility: Ox Mountain Landfill  
 Unit: Flare (A-7)  
 Condition: 1,504°F  
 Date: 7/22/22

Barometric Pressure: 30.0  
 Leak Check: OK  
 Stratification Check: Stratified  
 Personnel: JR

	O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO				
Analyzer	1400	1400	42C	48C				
Instrument Range	25	15	25	150				r
Units	%	%	ppm	ppm				r
EPA Range (high Span)	20.15	12.45	22.66	124.2				
Span Gas Value	20.15	12.45	12.70	86.62				Ccal

Initial (int. zero)	0.08	-0.08	0.05	0.30				
Initial (int. cal)	20.15	12.21	12.82	85.40				

<b>Run 1</b>								
Test Time:	0.06	0.01	0.10	0.00				zero (initial), Cib
0829-0916	19.99	12.26	12.66	83.80				cal (initial), Cib
	<b>13.53</b>	<b>6.38</b>	<b>14.08</b>	<b>9.68</b>				TEST AVG, Cavg
	0.06	0.03	0.35	-0.30				zero (final), Cfb
	19.94	12.28	12.82	84.00				cal (final), Cfb
EPA 3%	0.0%	0.2%	1.0%	-0.2%				% zero drift
EPA 3%	-0.2%	0.2%	0.6%	0.1%				% cal drift
EPA 5%	-0.1%	0.9%	1.2%	-0.4%				% zero bias
EPA 5%	-1.0%	0.6%	0.0%	-1.1%				% cal bias
	<b>13.64</b>	<b>6.47</b>	<b>14.06</b>	<b>10.13</b>				<b>Cgas</b>

<b>Run 2</b>								
Test Time:	0.06	0.03	0.35	-0.30				zero (initial), Cib
1005-1052	19.94	12.28	12.82	84.00				cal (initial), Cib
	<b>13.67</b>	<b>6.23</b>	<b>13.95</b>	<b>13.10</b>				TEST AVG, Cavg
	0.21	0.02	0.23	-0.40				zero (final), Cfb
	19.92	12.11	12.82	83.50				cal (final), Cfb
EPA 3%	0.7%	-0.1%	-0.5%	-0.1%				% zero drift
EPA 3%	-0.1%	-1.4%	0.0%	-0.3%				% cal drift
EPA 5%	0.6%	0.8%	0.7%	-0.5%				% zero bias
EPA 5%	-1.1%	-0.8%	0.0%	-1.5%				% cal bias
	<b>13.77</b>	<b>6.35</b>	<b>13.84</b>	<b>13.85</b>				<b>Cgas</b>

<b>Run 3</b>								
Test Time:	0.21	0.02	0.23	-0.40				zero (initial), Cib
1115-1203	19.92	12.11	12.82	83.50				cal (initial), Cib
	<b>13.74</b>	<b>6.05</b>	<b>14.46</b>	<b>5.54</b>				TEST AVG, Cavg
	0.19	0.03	0.29	-0.20				zero (final), Cfb
	19.94	12.08	12.88	83.90				cal (final), Cfb
EPA 3%	-0.1%	0.1%	0.2%	0.1%				% zero drift
EPA 3%	0.1%	-0.2%	0.2%	0.3%				% cal drift
EPA 5%	0.5%	0.9%	1.0%	-0.3%				% zero bias
EPA 5%	-1.0%	-1.0%	0.2%	-1.2%				% cal bias
	<b>13.83</b>	<b>6.21</b>	<b>14.32</b>	<b>6.03</b>				<b>Cgas</b>

Pollutant Concentration (Cgas) = (Cavg - Co) · Ccal / (Cbc - Co)

Zero and Calibration Drift = 100 · (Cfb - Cib) / r

Bias = 100 · (Cfb - Ca) / r

Co = (Cib + Cfb) / 2 for zero gas

Cbc = (Cib + Cfb) / 2 for cal gas

Cib (CARB = pre-first run) (EPA = pre-run)

**BLUE SKY ENVIRONMENTAL**

**CEM Summary**

Facility:	<u>Ox Mountain Landfill</u>	Barometric Pressure:	<u>30.0</u>
Unit:	<u>Flare (A-7)</u>	Leak Check:	<u>OK</u>
Condition:	<u>1,504°F</u>	Stratification Check:	<u>Stratified</u>
Date:	<u>7/22/22</u>	Personnel:	<u>JR</u>

	NMOC	Linearity	Error	CH <sub>4</sub>	Linearity	Error	Comme
Analyzer	55C	55C		55C	55C		
Range	50	50		500	500		
Units, ppm or %	ppm	ppm	%	ppm	ppm	%	
<b>Span High Value</b>	45.33	44.96	-0.82%	451.3	441.0	-2.28%	< 5%
Cylinder #	CC79070	-		CC79070	-		
<b>Span Mid Value</b>	25.314	25.38	0.26%	249.5	245.5	-1.60%	< 5%
Cylinder #	AAL071264	-		AAL071264	-		
<b>Span Low Value</b>	<b>15.303</b>	14.87	-2.83%	<b>150.7</b>	146.1	-3.05%	< 5%
Cylinder #	<b>CC734840</b>	-		<b>CC734840</b>	-		

<b>Run 1</b> Test Time: 0829-0916		-0.05			1.60		zero (initial),
		14.87			146.10		upscale cal (
		-0.04			-0.34		TEST AVG
		-0.05			-0.40		zero (final),
		14.35			146.4		upscale cal (
EPA	3%	0.0%			-0.4%		zero drift
EPA	3%	-1.1%			0.1%		cal drift

<b>Run 2</b> Test Time: 1005-1052		-0.05			-0.40		zero (initial),
		14.35			146.4		upscale cal (
		-0.02			-0.15		TEST AVG
		-0.05			-0.40		zero (final),
		14.37			144.2		upscale cal (
EPA	3%	0.0%			0.0%		zero drift
EPA	3%	0.0%			-0.5%		cal drift

<b>Run 3</b> Test Time: 1115-1203		-0.05			-0.40		zero (initial),
		14.37			144.2		upscale cal (
		-0.04			-0.30		TEST AVG
		-0.05			-0.40		zero (final),
		14.57			144.3		upscale cal (
EPA	3%	0.0%			0.0%		zero drift
EPA	3%	0.4%			0.0%		cal drift

CALIBRATION ERROR (Linearity) =  $100 \cdot (\text{Measured Response} - \text{Span Gas Value}) / \text{Span Gas Value}$  LIMIT 5%  
 ZERO DRIFT % =  $100 \cdot (Z_f - Z_i) / \text{Instrument Range}$  LIMIT 3%  
 SPAN DRIFT % =  $100 \cdot (S_f - S_i) / \text{Instrument Range}$  LIMIT 3%

**BLUE SKY ENVIRONMENTAL, INC**

**Stack Gas Flow Rate Determination  
EPA Method 19**

Facility: Ox Mountain Landfill  
 Unit: Flare (A-7)  
 Condition: 1,504°F  
 Date: 7/22/22

	<b>Run 1</b>	<b>Run 2</b>	<b>Run 3</b>	
Test Time	0829-0916	1005-1052	1115-1203	
# cubic feet/rev	1,339	1,350	1,354	ft <sup>3</sup>
# of seconds/rev	60	60	60	seconds
Gas Line Pressure (PSIG)	0.0	0.0	0.0	PSI Gauge
Gas Line Pressure (PSIA)	14.7	14.7	14.7	PSI Absolute
Gross Calorific Value @ 60°F	476.6	475.6	477.6	Btu / ft <sup>3</sup>
Stack Oxygen	13.6	13.8	13.8	%
Gas Fd-Factor @ 60°F	9,156	9,174	9,170	DSCF/MMBtu
Gas Temperature	70	70	70	°F
Standard Temperature (Tstd)	70	70	70	°F
Realtime Fuel Rate	1,339	1,350	1,354	CFM
Corrected Fuel Rate @ Tstd	1,339	1,350	1,354	SCFM
Fuel Flowrate	80,340	81,000	81,240	SCFH
Million Btu per minute	0.626	0.630	0.634	MMBtu/min
Heat Input	37.6	37.8	38.1	MMBtu/hr
<b>Stack Gas Flow Rate @ Tstd</b>	<b>16,810</b>	<b>17,273</b>	<b>17,532</b>	<b>DSCFM</b>

**WHERE:**

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)  
 MMBtu = Million Btu

**CALCULATIONS:**

$$\text{SCFM} = \text{CFM} \cdot (\text{PSIA}) / 14.7 \cdot (460 + \text{Tstd}) / (460 + \text{Gas } ^\circ\text{F})$$

$$\text{SCFH} = \text{SCFM} \cdot 60$$

$$\text{MMBtu/min} = (\text{SCFM} \cdot \text{Btu/ft}^3) / 1,000,000$$

$$\text{MMBtu/hr Heat Input} = \text{MMBtu/min} \cdot 60$$

$$\text{DSCFM} = (460 + \text{Tstd}) / (460 + 68) \cdot \text{Gas Fd-Factor} \cdot \text{MMBtu/min} \cdot (20.9 / (20.9 - \text{O}_2\%))$$

**BLUE SKY ENVIRONMENTAL, INC**

**Stack Moisture Determination  
EPA Method 4**

Facility: Ox Mountain Landfill  
 Unit: Flare (A-7)  
 Condition: 1,504°F  
 Date: 7/22/22

	<b>Run 1</b>	<b>Run 2</b>	<b>Run 3</b>	
Test Time	0829-0916	1005-1052	1115-1203	
Uncorrected Meter Volume (Vm)	27.742	28.026	28.546	ft <sup>3</sup>
Meter Factor (Yd)	0.9980	0.9980	0.9980	
Barometric Pressure (Pb)	30.0	30.0	30.0	"Hg
Meter Pressure (ΔH)	1.7	1.7	1.7	"H <sub>2</sub> O
Meter Temperature (Tm)	54.1	59.0	64.8	°F
Standard Temperature (Tstd)	70	70	70	°F
Impinger H <sub>2</sub> O Gain (Vw imp)	54.5	48.0	44.0	g
Silica Gel Wt. Gain (Vw sg)	8.5	4.0	5.0	g
Total H <sub>2</sub> O Gain (Vw)	63.0	52.0	49.0	g
Moisture Vapor (Vw std)	2.980	2.459	2.318	ft <sup>3</sup>
<b>Standard Meter Volume (Vm std)</b>	<b>28.737</b>	<b>28.758</b>	<b>28.971</b>	<b>DSCF</b>
<b>Percent of H<sub>2</sub>O in Stack</b>	<b>9.39</b>	<b>7.88</b>	<b>7.41</b>	<b>%</b>

**WHERE:**

ft<sup>3</sup> = cubic foot  
 "H<sub>2</sub>O = inches of water  
 "Hg = inches of mercury  
 °F = Fahrenheit  
 ml = milliliter  
 g = gram  
 % = percent

**CALCULATIONS:**

$Vw\ std = 0.00267 \cdot Vw \cdot (Tstd + 460) / 29.92$   
 $Vm\ std = Vm \cdot Yd \cdot (Tstd + 460) \cdot (Pb + (\Delta H / 13.6)) / (Tm + 460) / 29.92$   
 Stack moisture H<sub>2</sub>O % =  $100 \cdot Vw\ std / (Vw\ std + Vm\ std)$

BLUE SKY ENVIRONMENTAL, INC

Fd-Factor Calculation  
Landfill Gas

Facility: Ox Mountain Landfill  
Unit: Flare (A-7)  
Sample ID: A-7 LFG1  
Date: 7/22/22

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, Vbi	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composion Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, x <sub>G<sub>i</sub></sub>	Calorific Value Fraction, x <sub>H<sub>i</sub></sub>	Compressibility Fraction, x <sub>Vbi</sub>	kBtu	Weight Fraction, k <sub>BMW</sub> / Σk <sub>BMW</sub>	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb	
Helium ‡	4.00	1.1382	324.9	-0.0170	187.723	0.0	0.0000	0.0000	0.0	0.0000	0.0000	0.0000								
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	0.0	0.0164	13.443	<1.7	0.0170	0.0012	5.5	0.0000	0.0343	0.0000						0.0000	1.9884	
Nitrogen	28.01	0.9672	0.0	0.0164	11.819	14.9	0.1490	0.1441	0.0	0.0024	4.1735	0.1479				0.1479		0.1479	0.4155	
Oxygen	32.00	1.1053	0.0	0.0217	13.506	3.1	0.0310	0.0343	0.0	0.0000	0.920	0.0352			0.0352			0.0352	0.0268	
Carbon Monoxide	28.01	0.9671	321.3	0.0640	8.548	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011			0.0020	0.0268	
Carbon Dioxide ‡	44.01	1.5194	0.0	0.0436	23.565	35.0	0.3500	0.5318	0.0	0.0224	15.4035	0.5459	0.1490	0.0000	0.3969			0.5459	4.6665	
Methane	16.04	0.5539	1012.0	0.0917	12.455	47.1	0.4710	0.2609	476.7	0.0205	7.5548	0.2678	0.2005	0.0673	0.3969			0.2678	6.3096	
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.1342	8.365	<0.8	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000	
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1744	6.321	16.4	0.0000	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000				0.0000	0.0002	
Isobutane	58.12	2.0067	3260.1	0.1825	5.252	6.1	0.0000	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0000	
n-Butane (C <sub>4</sub> )	58.12	2.0067	3269.6	0.2276	5.252	2.4	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000	
Isopentane	72.14	2.4910	4009.4	0.2377	4.398	6.0	0.0000	0.0000	0.0	0.0000	0.0005	0.0000	0.0000	0.0000				0.0000	0.0000	
n-Pentane (C <sub>5</sub> )	72.14	2.4910	4018.5	0.2830	4.398	198	0.0002	0.0006	0.9	0.0001	0.0171	0.0006	0.0007	0.0001				0.0000	0.0001	
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398		1.0200	0.974	482.9	0.0454	28.2159	0.9988	0.3504	0.0673	0.4332	0.1479	0.0000	0.9988	0.0027	
C <sub>6+</sub> (as hexane)	86.17	2.9753	4758.0	0.2830	4.398			SG	Btu/ft <sup>3</sup>	Σx <sub>i</sub> v <sub>bi</sub>	Σk <sub>BMW</sub>									
<b>Total</b>								<b>SG</b>	<b>Btu/ft<sup>3</sup></b>	<b>Σx<sub>i</sub>v<sub>bi</sub></b>	<b>Σk<sub>BMW</sub></b>								<b>13.41</b>	

1.744

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14)

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F)

Compressibility Factor (Z)

$$Z = 1 - [(\sum x_i \sqrt{v_{bi}})^2 + (\sum x_i \sqrt{v_{bi}})^2] (0.0005)$$

Specific Gravity (corrected)

Specific Volume, (SV) ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

Gross Calorific Value (GCV)

Gross Calorific Value (GCV)

Gross Calorific Value, wet (GCVw)

Gas Fd-Factor (EPA Method 19, eqn 19-13)

$$DSCF/MMBtu = 10^6 \cdot (\beta \cdot \%H_2 + (1.53 \cdot \%H_2) + (0.57 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2)) / Btu/lb$$

Gas Fw-Factor (EPA Method 19, eqn 19-14)

$$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) + (0.21 \cdot \%O_2)) / Btu/lb(GCVw)$$

ft<sup>3</sup>/lb  
Btu/ft<sup>3</sup> Gross @ 68°F  
Btu/ft<sup>3</sup> Gross @ 60°F  
Btu/lb @ 68°F  
Btu/lb @ 60°F  
DSCF/MMBtu @ 68°F  
DSCF/MMBtu @ 60°F  
SCF/MMBtu @ 68°F

BLUE SKY ENVIRONMENTAL, INC

Fd-Factor Calculation  
Landfill Gas

Facility: Ox Mountain Landfill  
Unit: Flare (A-7)  
Sample ID: A-7 LFG2  
Date: 7/22/22

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, Vbi	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composion Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, xG <sub>i</sub>	Calorific Value Fraction, xH <sub>i</sub>	Compressibility Fraction, xVbi	kBtu	Weight Fraction, k <sub>i</sub> MBW / Σk <sub>i</sub> MBW	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb
Helium ‡	4.00	1.1382	324.9	-0.0170	187.723	0.0	0.0000	0.0000	0.0	0.0000	0.0000	0.0000						0.0000	
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9	0.0164	13.443	<1.7	0.0170	0.0012	5.5	0.0000	0.0343	0.0000						0.1472	1.9781
Nitrogen	28.01	0.9672	0.0	0.0164	11.819	14.8	0.1480	0.1431	0.0	0.0000	0.9200	0.0000				0.1472		0.0352	0.4162
Oxygen	32.00	1.1053	0.0	0.0217	13.506	3.1	0.0310	0.0343	0.0	0.0000	0.0560	0.0000	0.0009	0.0000	0.0011	0.0020		0.0020	0.0269
Carbon Monoxide	28.01	0.9671	321.3	0.0640	8.548	<0.2	0.0020	0.0019	0.6	0.0000	15.4035	0.0000	0.1492	0.0000	0.3976	0.5468		0.5468	4.6738
Carbon Dioxide ‡	44.01	1.5194	0.0	0.0436	23.565	35.0	0.3500	0.5318	0.0	0.0224	7.5388	0.0000	0.2004	0.0673		0.2676		0.2676	6.3060
Methane	16.04	0.5539	1012.0	0.0917	12.455	47.0	0.4700	0.2603	475.6	0.0205	0.0000	0.0000	0.0000	0.0000		0.0000		0.0000	
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.1342	8.365	<0.9	0.0000	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000		0.0000		0.0000	0.0000
Propane (C <sub>3</sub> )	44.09	1.5224	3260.1	0.1744	6.321	16.5	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000		0.0000	0.0002
Isobutane	58.12	2.0067	3269.6	0.2276	5.252	5.7	0.0000	0.0000	0.0	0.0000	0.0003	0.0000	0.0000	0.0000		0.0000		0.0000	0.0000
n-Butane (C <sub>4</sub> )	58.12	2.0067	4009.4	0.2377	5.252	1.3	0.0000	0.0000	0.0	0.0000	0.0001	0.0000	0.0000	0.0000		0.0000		0.0000	0.0000
Isopentane	72.14	2.4910	4758.0	0.2830	4.398	5.0	0.0000	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000		0.0000		0.0000	0.0001
n-Pentane (C <sub>5</sub> )	72.14	2.4910	4758.0	0.2830	4.398	172	0.0002	0.0005	0.8	0.0000	0.0148	0.0005	0.0006	0.0001		0.0000		0.0000	0.0001
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398		1.0180	0.973	481.9	0.0454	28.1717	0.9988	0.3505	0.0673	0.4339	0.1472	0.0000	0.9988	13.40
C <sub>6+</sub> (as hexane)	86.17	2.9753	4758.0	0.2830	4.398			SG	Btu/ft <sup>3</sup>	Σx <sub>i</sub> v <sub>bi</sub>	Σk <sub>i</sub> MBW	35.09%	6.74%	43.44%	14.73%	0.00%		0.9988	13.40
<b>Total</b>								SG	Btu/ft <sup>3</sup>	Σx <sub>i</sub> v <sub>bi</sub>	Σk <sub>i</sub> MBW	35.09%	6.74%	43.44%	14.73%	0.00%		0.9988	13.40

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14) 1.744

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F)

Compressibility Factor (Z)

$$Z = 1 - [(\sum x_i v_{bi})^2 + (\sum x_i v_{bi})^2] (0.0005)$$

Specific Gravity (corrected)

Specific Volume, (SV) ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

Gross Calorific Value (GCV)

Gross Calorific Value (GCV)

$$GCV' = (1-H_2O) \left( \frac{Btu}{lb} = \frac{Btu}{ft^3} \cdot ft^3/lb \right)$$

Gas Fd-Factor (EPA Method 19, eqn 19-13)

$$DSCF/MMBtu = 10^6 \cdot (\beta \cdot 64 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) \cdot (0.46 \cdot \%O_2) / Btu/lb(GCV'_{net})$$

Gas Fw-Factor (EPA Method 19, eqn 19-14)

$$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) \cdot (0.46 \cdot \%O_2) + (0.21 \cdot \%H_2O)) / Btu/lb(GCV'_{net})$$

ft<sup>3</sup>/lb  
Btu/ft<sup>3</sup> Gross @ 68°F  
Btu/ft<sup>3</sup> Gross @ 60°F  
Btu/lb @ 68°F  
Btu/lb @ 60°F  
DSCF/MMBtu @ 68°F  
DSCF/MMBtu @ 60°F  
SCF/MMBtu @ 68°F

BLUE SKY ENVIRONMENTAL, INC

Fd-Factor Calculation  
Landfill Gas

Facility: Ox Mountain Landfill  
Unit: Flare (A-7)  
Sample ID: A-7 LFG3  
Date: 7/22/22

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, Z <sub>i</sub>	Specific Volume, ft <sup>3</sup> /lb	% Ppd	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, x <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, x <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, x <sub>i</sub> Z <sub>i</sub>	Σx <sub>i</sub> Z <sub>i</sub>	Weight Fraction, W <sub>i</sub> = M <sub>i</sub> x <sub>i</sub> / ΣM <sub>i</sub> x <sub>i</sub>	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb
Helium ‡	4.00	1.0382	0.0	-0.0170	187.723	0.0	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.9637
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9	0.0164	13.443	<1.7	0.0170	0.0012	5.5	0.0000	0.0343	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1461	0.1461
Nitrogen	28.01	0.9672	0.0	0.1744	11.819	3.0	0.0300	0.1422	0.0	0.0000	0.9600	0.0341	0.0009	0.0000	0.0011	0.0341	0.0000	0.0341	0.4025
Oxygen	32.00	1.1053	0.0	0.2276	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011	0.0000	0.0000	0.0020	0.0268
Carbon Monoxide	28.01	0.9671	321.3	0.0640	8.548	35.1	0.0350	0.5333	0.0	0.0225	15.4475	0.5480	0.1496	0.0000	0.3985	0.0000	0.0000	0.5480	4.6845
Carbon Dioxide ‡	44.01	1.5194	0.0	0.0436	23.565	47.2	0.4720	0.2614	477.7	0.0206	7.5709	0.2686	0.2011	0.0675	0.3985	0.0000	0.0000	0.2686	6.3292
Methane	16.04	0.5539	1012.0	0.0917	12.455	<0.9	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.1342	8.365	17.0	0.0000	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1744	6.321	5.7	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Isobutane	58.12	2.0067	3260.1	0.1825	6.321	5.7	0.0000	0.0000	0.0	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
n-Butane (C <sub>4</sub> )	58.12	2.0067	3269.6	0.2276	5.252	2.3	0.0000	0.0000	0.0	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Isopentane	72.14	2.4910	4009.4	0.2377	5.252	2.3	0.0000	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
n-Pentane (C <sub>5</sub> )	72.14	2.4910	4018.5	0.2830	4.398	5.2	0.0000	0.0000	0.0	0.0000	0.0162	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	188	0.0002	0.0006	0.9	0.0001	28.1879	0.0006	0.0006	0.0001	0.0001	0.0000	0.0000	0.0008	0.0025
C <sub>6+</sub> (as hexane)	86.17	2.9753	4758.0	0.2830	4.398	188	0.0002	0.0006	0.9	0.0001	28.1879	0.0006	0.0006	0.0001	0.0001	0.0000	0.0000	0.0008	0.0025
<b>Total</b>							1.0190	0.973	483.9	0.0455	Σx <sub>i</sub> Z <sub>i</sub>	0.9988	0.3516	0.0675	0.4337	0.1461	0.0000	0.9988	13.41
<b>1.744</b>																			
<b>%H<sub>2</sub>Osat @60°F</b> (ASTM 3588, eqn 14)																			
‡ Omitted from Compressibility Factor Calculation																			
<b>Calculated Specific Gravity (SG)</b> (Air = 1.000 @ 760mm Hg, 60°F)																			
<b>Compressibility Factor (Z)</b>																			
$Z = 1 - [(\sum x_i \sqrt{M_i})^2 + (\sum x_i \sqrt{M_i}^2)] (0.0005)$																			
<b>Specific Gravity (corrected)</b>																			
<b>Specific Volume, (SV) ft<sup>3</sup>/lb</b>																			
<b>Gross Calorific Value (GCV)</b>																			
<b>Gross Calorific Value (GCV)</b>																			
<b>Gross Calorific Value (GCV)</b>																			
<b>Gross Calorific Value, wet (GCVw)</b>																			
$Btu/lb = Btu/ft^3 \cdot ft^3/lb$																			
$GCV_w = (1-H_2O) (ASTM D-3588, eqn 14)$																			
<b>Gas Fd-Factor</b> (EPA Method 19, eqn 19-13)																			
$DSCF/MMBtu = 10^6 \cdot (\beta \cdot \%H_2 + (1.53 \cdot \%N_2) + (0.57 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) \cdot (0.46 \cdot \%O_2)) / Btu/lb$																			
<b>Gas Fw-Factor</b> (EPA Method 19, eqn 19-14)																			
$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) \cdot (0.46 \cdot \%O_2) + (0.21 \cdot \%H_2O)) / Btu/lb(GCV_w)$																			

0.9733

0.9979

0.975

ft<sup>3</sup>/lb

484.9 Btu/ft<sup>3</sup> Gross @ 68°F

477.6 Btu/ft<sup>3</sup> Gross @ 60°F

6,502 Btu/lb @ 68°F

6,388 Btu/lb @ 68°F

9,311 DSCF/MMBtu @ 68°F

9,170 DSCF/MMBtu @ 60°F

11,374 SCF/MMBtu @ 68°F

DSCF/MMBtu = 10<sup>6</sup> · ((5.57 · %H<sub>2</sub>) + (1.53 · %C) + (0.57 · %S) + (0.14 · %N<sub>2</sub>) · (0.46 · %O<sub>2</sub>) + (0.21 · %H<sub>2</sub>O)) / Btu/lb(GCV<sub>w</sub>)



**BLUE SKY ENVIRONMENTAL, INC**

**Preliminary CEM System QA/QC Summary**

Facility: Ox Mountain Landfill  
 Location: Flare (A-9)

Date: 7/21/22  
 Personnel: JR

Parameter	O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO		Comments
Analyzer	1400	1400	42C	48C		
Instrument Range	25	15	25	150		
Units	%	%	ppm	ppm		
<b>EPA Range (high span)</b>	20.15	12.45	22.66	124.2		
<b>Low Cal Value</b>	0	0	0	0		EPA Methods 20 & 25A only
Cylinder #	--	--	--	--		
<b>Mid Cal Value</b>	14.52	8.175	12.70	86.62		
Cylinder #	EB0141295	EB0141295	EB0096968	CC301607		
<b>High Cal Value</b>	20.15	12.45	22.66	124.2		
Cylinder #	CC406137	CC406137	EB0071568	CC222156		

**LINEARITY**

<b>Low Cal (internal)</b>	0.02	0.00	0.03	0.50		zero gas
Abs. Difference	0.02	0.00	0.03	0.50		
% Linearity	0.10%	0.00%	0.13%	0.40%		<2%
<b>Mid Cal (internal)</b>	14.56	8.22	12.69	85.30		
Abs. Difference	0.04	0.04	-0.01	-1.32		
% Linearity	0.20%	0.36%	-0.04%	-1.06%		<2%
<b>High Cal (internal)</b>	20.10	12.40	22.71	124.40		
Abs. Difference	-0.05	-0.05	0.05	0.20		
% Linearity	-0.25%	-0.40%	0.22%	0.16%		<2%

**Initial SYSTEM BIAS Check**

<b>Zero (internal)</b>	0.02	0.00	0.03	0.50		
<b>Zero (external)</b>	0.01	0.02	0.08	0.20		
Abs. Difference	-0.01	0.02	0.05	-0.30		
bias, % range	-0.05%	0.16%	0.22%	-0.24%		EPA Methods 20/6C/7E (±5%)
<b>Cal (internal)</b>	20.10	12.40	12.69	85.30		
<b>Cal (external)</b>	20.10	12.31	12.62	85.30		
Abs. Difference	0.00	-0.09	-0.07	0.00		
bias, % range	0.00%	-0.72%	-0.31%	0.00%		EPA Methods 20/6C/7E (±5%)

**SYSTEM RESPONSE TIME (secs)**

*time from ext. zero to ext. cal, or ext. cal to ext. zero (95% response)*

Zero to Cal	60	60	60	60		
Cal to Zero	60	60	60	60		

**NO<sub>2</sub> Converter Test**

System Cal. Bias (Limit ± 5%) =  $100 \cdot (\text{external cal} - \text{internal cal}) / \text{span range}$   
 % Linearity (Limit ± 2%) =  $100 \cdot (\text{cal gas value} - \text{internal cal}) / \text{span range}$   
 % Efficiency (Limit >90%) =  $100 \cdot (\text{NO}_2 \text{ response}) / \text{NO}_2 \text{ cal gas value}$

NO<sub>2</sub> cal gas value, ppm =  
 Analyzer NO<sub>x</sub> Response, ppm =  
 Efficiency, % =

12.59
>11.98
>95.2

**BLUE SKY ENVIRONMENTAL, INC**

**CEM Bias Correction Summary**

Facility: Ox Mountain Landfill  
 Unit: Flare (A-9)  
 Condition: 1,588°F  
 Date: 7/21/22

Barometric Pressure: 30.0  
 Leak Check: OK  
 Stratification Check: Stratified  
 Personnel: JR

	O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO				
Analyzer	1400	1400	42C	48C				
Instrument Range	25	15	25	150				r
Units	%	%	ppm	ppm				r
EPA Range (high Span)	20.15	12.45	22.66	124.2				
Span Gas Value	20.15	12.45	12.70	86.62				Ccal

Initial (int. zero)	0.02	0.00	0.03	0.50				
Initial (int. cal)	20.10	12.40	12.69	85.30				

<b>Run 1</b>								
Test Time:	0.01	0.02	0.08	0.20				zero (initial), Cib
0914-1003	20.10	12.31	12.62	85.30				cal (initial), Cib
	<b>15.05</b>	<b>5.20</b>	<b>12.43</b>	<b>40.45</b>				<b>TEST AVG, Cavg</b>
	0.03	0.03	0.70	0.20				zero (final), Cfb
	20.15	12.55	12.97	85.30				cal (final), Cfb
EPA	3%	0.1%	0.1%	2.5%	0.0%			% zero drift
EPA	3%	0.2%	1.9%	1.4%	0.0%			% cal drift
EPA	5%	0.0%	0.2%	2.7%	-0.2%			% zero bias
EPA	5%	0.2%	1.2%	1.1%	0.0%			% cal bias
	<b>15.07</b>	<b>5.20</b>	<b>12.33</b>	<b>40.97</b>				<b>Cgas</b>

<b>Run 2</b>								
Test Time:	0.03	0.03	0.70	0.20				zero (initial), Cib
1038-1125	20.15	12.55	12.97	85.30				cal (initial), Cib
	<b>15.02</b>	<b>5.16</b>	<b>12.92</b>	<b>57.57</b>				<b>TEST AVG, Cavg</b>
	0.08	0.08	0.53	0.20				zero (final), Cfb
	20.10	12.52	12.77	85.00				cal (final), Cfb
EPA	3%	0.2%	0.4%	-0.7%	0.0%			% zero drift
EPA	3%	-0.2%	-0.2%	-0.8%	-0.2%			% cal drift
EPA	5%	0.3%	0.6%	2.0%	-0.2%			% zero bias
EPA	5%	0.0%	1.0%	0.3%	-0.2%			% cal bias
	<b>15.03</b>	<b>5.10</b>	<b>12.75</b>	<b>58.50</b>				<b>Cgas</b>

<b>Run 3</b>								
Test Time:	0.08	0.08	0.53	0.20				zero (initial), Cib
1155-1242	20.10	12.52	12.77	85.00				cal (initial), Cib
	<b>15.15</b>	<b>5.08</b>	<b>12.70</b>	<b>49.34</b>				<b>TEST AVG, Cavg</b>
	0.18	0.06	0.61	0.60				zero (final), Cfb
	20.15	12.37	12.81	86.10				cal (final), Cfb
EPA	3%	0.5%	-0.2%	0.3%	0.3%			% zero drift
EPA	3%	0.2%	-1.2%	0.2%	0.7%			% cal drift
EPA	5%	0.8%	0.5%	2.3%	0.1%			% zero bias
EPA	5%	0.2%	-0.2%	0.5%	0.5%			% cal bias
	<b>15.13</b>	<b>5.04</b>	<b>12.61</b>	<b>49.79</b>				<b>Cgas</b>

Pollutant Concentration (Cgas) = (Cavg - Co) · Ccal / (Cbc - Co)

Zero and Calibration Drift = 100 · (Cfb - Cib) / r

Bias = 100 · (Cfb - Ca) / r

Co = (Cib + Cfb) / 2 for zero gas

Cbc = (Cib + Cfb) / 2 for cal gas

Cib (CARB = pre-first run) (EPA = pre-run)

**BLUE SKY ENVIRONMENTAL**

**CEM Summary**

Facility:	<u>Ox Mountain Landfill</u>	Barometric Pressure:	<u>30.0</u>
Unit:	<u>Flare (A-9)</u>	Leak Check:	<u>OK</u>
Condition:	<u>1,588°F</u>	Stratification Check:	<u>Stratified</u>
Date:	<u>7/21/22</u>	Personnel:	<u>JR</u>

	NMOC	Linearity	Error	CH <sub>4</sub>	Linearity	Error	Comme
Analyzer	55C	55C		55C	55C		
Range	50	50		500	500		
Units, ppm or %	ppm	ppm	%	ppm	ppm	%	
<b>Span High Value</b>	45.33	43.75	-3.49%	451.3	442.7	-1.91%	< 5%
Cylinder #	CC79070	-		CC79070			
<b>Span Mid Value</b>	25.314	24.78	-2.11%	249.5	244.3	-2.08%	< 5%
Cylinder #	AAL071264	-		AAL071264			
<b>Span Low Value</b>	<b>15.303</b>	14.78	-3.42%	<b>150.7</b>	153.6	1.92%	< 5%
Cylinder #	<b>CC734840</b>	-		<b>CC734840</b>			

<b>Run 1</b> Test Time: 0914-1003		-0.05			0.10		zero (initial),
		14.78			153.6		upscale cal (
		<b>0.24</b>			<b>23.47</b>		TEST AVG
		-0.06			-0.40		zero (final),
		15.41			152.8		upscale cal (
EPA	3%	0.0%			-0.1%		zero drift
EPA	3%	1.4%			-0.5%		cal drift

<b>Run 2</b> Test Time: 1038-1125		-0.06			-0.40		zero (initial),
		15.41			152.8		upscale cal (
		<b>0.68</b>			<b>40.31</b>		TEST AVG
		-0.05			-0.40		zero (final),
		15.12			153.3		upscale cal (
EPA	3%	0.0%			0.0%		zero drift
EPA	3%	-0.6%			0.1%		cal drift

<b>Run 3</b> Test Time 1155-1242		-0.05			-0.40		zero (initial),
		15.12			153.3		upscale cal (
		<b>0.13</b>			<b>25.44</b>		TEST AVG
		-0.05			0.00		zero (final),
		14.98			153.0		upscale cal (
EPA	3%	0.0%			0.1%		zero drift
EPA	3%	-0.3%			-0.1%		cal drift

CALIBRATION ERROR (Linearity) =  $100 \cdot (\text{Measured Response} - \text{Span Gas Value}) / \text{Span Gas Value}$  LIMIT 5%

ZERO DRIFT % =  $100 \cdot (Z_f - Z_i) / \text{Instrument Range}$  LIMIT 3%

SPAN DRIFT % =  $100 \cdot (S_f - S_i) / \text{Instrument Range}$  LIMIT 3%

**BLUE SKY ENVIRONMENTAL, INC**

**Stack Gas Flow Rate Determination  
EPA Method 19**

Facility: Ox Mountain Landfill  
 Unit: Flare (A-9)  
 Condition: 1,588°F  
 Date: 7/21/22

	<b>Run 1</b>	<b>Run 2</b>	<b>Run 3</b>	
	0914-1003	1038-1125	1155-1242	
Test Time				
# cubic feet/rev	1,500	1,416	1,329	ft <sup>3</sup>
# of seconds/rev	60	60	60	seconds
Gas Line Pressure (PSIG)	0.0	0.0	0.0	PSI Gauge
Gas Line Pressure (PSIA)	14.7	14.7	14.7	PSI Absolute
Gross Calorific Value @ 60°F	521.4	522.5	520.8	Btu / ft <sup>3</sup>
Stack Oxygen	15.1	15.0	15.1	%
Gas Fd-Factor @ 60°F	9,175	9,180	9,180	DSCF/MMBtu
Gas Temperature	70	70	70	°F
Standard Temperature (Tstd)	70	70	70	°F
Realtime Fuel Rate	1,500.0	1,416.0	1,329.0	CFM
Corrected Fuel Rate @ Tstd	1,500.0	1,416.0	1,329.0	SCFM
Fuel Flowrate	90,000	84,960	79,740	SCFH
Million Btu per minute	0.767	0.726	0.679	MMBtu/min
Heat Input	46.04	43.55	40.74	MMBtu/hr
<b>Stack Gas Flow Rate @ Tstd</b>	<b>25,705</b>	<b>24,171</b>	<b>23,030</b>	<b>DSCFM</b>

**WHERE:**

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)  
 MMBtu = Million Btu

**CALCULATIONS:**

$$\text{SCFM} = \text{CFM} \cdot (\text{PSIA}) / 14.7 \cdot (460 + \text{Tstd}) / (460 + \text{Gas } ^\circ\text{F})$$

$$\text{SCFH} = \text{SCFM} \cdot 60$$

$$\text{MMBtu/min} = (\text{SCFM} \cdot \text{Btu/ft}^3) / 1,000,000$$

$$\text{MMBtu/hr Heat Input} = \text{MMBtu/min} \cdot 60$$

$$\text{DSCFM} = (460 + \text{Tstd}) / (460 + 68) \cdot \text{Gas Fd-Factor} \cdot \text{MMBtu/min} \cdot (20.9 / (20.9 - \text{O}_2\%))$$

**Stack Moisture Determination  
EPA Method 4**

Facility: Ox Mountain  
 Unit: Flare A-9  
 Condition: Normal  
 Date: 8/5/20

	Run 1	Run 2	Run 3	
Test Time	0914-1003	1038-1125	1155-1242	
Uncorrected Meter Volume (Vm)	29.769	27.923	28.654	ft <sup>3</sup>
Meter Factor (Yd)	0.9980	0.9980	0.9980	
Barometric Pressure (Pb)	30.0	30.0	30.0	"Hg
Meter Pressure (ΔH)	1.7	1.7	1.7	"H <sub>2</sub> O
Meter Temperature (Tm)	52.0	54.8	59.4	°F
Standard Temperature (Tstd)	70	70	70	°F
Impinger H <sub>2</sub> O Gain (Vw imp)	32.5	32.0	36.0	g
Silica Gel Wt. Gain (Vw sg)	7.0	4.0	2.0	g
Total H <sub>2</sub> O Gain (Vw)	39.5	36.0	38.0	g
Moisture Vapor (Vw std)	1.868	1.703	1.797	ft <sup>3</sup>
<b>Standard Meter Volume (Vm std)</b>	<b>30.965</b>	<b>28.889</b>	<b>29.382</b>	<b>DSCF</b>
<b>Percent of H<sub>2</sub>O in Stack</b>	<b>5.7</b>	<b>5.6</b>	<b>5.8</b>	<b>%</b>

**WHERE:**

ft<sup>3</sup> = cubic foot  
 "H<sub>2</sub>O = inches of water  
 "Hg = inches of mercury  
 °F = Fahrenheit  
 ml = milliliter  
 g = gram  
 % = percent

**CALCULATIONS:**

$Vw\ std = 0.00267 \cdot Vw \cdot (Tstd + 460) / 29.92$   
 $Vm\ std = Vm \cdot Yd \cdot (Tstd + 460) \cdot (Pb + (\Delta H/13.6)) / (Tm + 460) / 29.92$   
 Stack moisture H<sub>2</sub>O % =  $100 \cdot Vw\ std / (Vw\ std + Vm\ std)$

Fd-Factor Calculation  
Landfill Gas

Facility: Ox Mountain Landfill  
Unit: Flare (A-9)  
Sample ID: A-9 LFG1  
Date: 7/21/22

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, Vbi	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composion Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, x <sub>G<sub>i</sub></sub>	Calorific Value Fraction, x <sub>H<sub>i</sub></sub>	Compressibility Fraction, x <sub>Vbi</sub>	Σx <sub>i</sub> v <sub>bi</sub>	Weight Fraction, x <sub>i</sub> MW / Σx <sub>i</sub> MW	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb
Helium ‡	4.00	1.0382	324.9	-0.0170	187.723	0.0	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9	0.0164	13.443	<1.6	0.0160	0.0011	5.2	0.0000	0.0000	0.0323	0.0000	0.0000	0.0000	0.0972	0.0000	0.0972	1.3068
Nitrogen	28.01	0.9672	0.0	0.0164	11.819	9.7	0.0970	0.0938	0.0	0.0000	0.0000	2.7170	0.0000	0.0000	0.0000	0.0972	0.0000	0.0160	0.1894
Oxygen	32.00	1.1053	0.0	0.0217	13.506	1.4	0.0140	0.0155	0.0	0.0000	0.0000	0.4480	0.0000	0.0000	0.0000	0.0160	0.0000	0.0020	0.0271
Carbon Monoxide	28.01	0.9671	321.3	0.0217	8.548	<0.2	0.0020	0.0019	0.6	0.0000	0.0000	0.0560	0.0009	0.0000	0.0011	0.0000	0.0000	0.0020	0.0271
Carbon Dioxide ‡	44.01	1.5194	0.0	0.0640	23.565	37.3	0.3730	0.5667	0.0	0.0239	0.0225	16.4157	0.1603	0.0000	0.4271	0.5873	0.0000	0.5873	5.0206
Methane	16.04	0.5539	1012.0	0.0436	12.455	51.6	0.5160	0.2858	52.2	0.0000	0.0000	8.2766	0.2217	0.0744	0.0000	0.2961	0.0000	0.2962	6.9784
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	8.365	<0.8	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	6.321	22.9	0.0000	0.0000	0.1	0.0000	0.0000	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
Isobutane	58.12	2.0067	3260.1	0.1744	6.321	7.5	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
n-Butane (C <sub>4</sub> )	58.12	2.0067	3269.6	0.1825	5.252	7.5	0.0000	0.0000	0.0	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Isopentane	72.14	2.4910	4009.4	0.2276	5.252	8.8	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
n-Pentane (C <sub>5</sub> )	72.14	2.4910	4018.5	0.2377	4.398	16.3	0.0000	0.0000	0.0	0.0000	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	22.2	0.0002	0.0007	1.1	0.0001	0.0001	0.0014	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	0.0002
C <sub>6+</sub> (as hexane)	86.17	2.9753	4758.0	0.2830	4.398	22.2	0.0002	0.0007	1.1	0.0001	0.0001	0.0019	0.0008	0.0001	0.0001	0.0000	0.0000	0.0009	0.0030
<b>Total</b>							1.0181	0.965	528.2	0.0480	27.9491	0.9988	0.3830	0.0745	0.4442	0.0972	0.0000	0.9989	13.52
<b>%H<sub>2</sub>Osat @60°F</b> (ASTM 3588, eqn 14) <b>1.744</b>																			
‡ Omitted from Compressibility Factor Calculation																			
<b>Calculated Specific Gravity (SG)</b> (Air = 1.000 @ 760mm Hg, 60°F) <b>0.9650</b>																			
<b>Compressibility Factor (Z)</b> <b>0.9977</b>																			
$Z = 1 - [(\sum x_i \sqrt{p_i})^2 + (\sum x_i \sqrt{v_i})^2] (0.0005)$																			
<b>Specific Gravity (corrected)</b> <b>0.967</b>																			
<b>Specific Volume, (SV) ft<sup>3</sup>/lb</b>																			
<b>Gross Calorific Value (GCV)</b> <b>529.5 Btu/ft<sup>3</sup> Gross @ 68°F</b>																			
<b>Gross Calorific Value (GCV)</b> <b>521.4 Btu/ft<sup>3</sup> Gross @ 60°F</b>																			
<b>Gross Calorific Value (GCV)</b> <b>7,160 Btu/lb @ 68°F</b>																			
<b>Gross Calorific Value, wet (GCVw)</b> <b>7,035 Btu/lb @ 68°F</b>																			
<b>Gas Fd-Factor</b> (EPA Method 19, eqn 19-13) <b>9,316 DSCF/MMBtu @ 68°F</b>																			
$DSCF/MMBtu = 10^6 \cdot (\beta \cdot \%H_2 + (1.53 \cdot \%N_2) + (0.57 \cdot \%CO) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) \cdot (0.46 \cdot \%O_2)) / Btu/lb$																			
<b>Gas Fw-Factor</b> (EPA Method 19, eqn 19-14) <b>11,376 SCF/MMBtu @ 68°F</b>																			
$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%CO) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) \cdot (0.46 \cdot \%O_2)) / Btu/lb(GCVw)$																			

$$Btu/lb = Btu/ft^3 \cdot ft^3/lb$$

$$GCVw \cdot (1-H_2O) \quad (ASTM D-3588, eqn 14)$$

Fd-Factor Calculation  
Landfill Gas

Facility: Ox Mountain Landfill  
Unit: Flare (A-9)  
Sample ID: A-9 LFG2  
Date: 7/21/22

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, Vbi	Specific Volume, ft <sup>3</sup> /lb	% Ppd	Composion Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, x <sub>G<sub>i</sub></sub>	Calorific Value Fraction, x <sub>H<sub>i</sub></sub>	Compressibility Fraction, x <sub>Vbi</sub>	Σx <sub>i</sub> v <sub>bi</sub>	Weight Fraction, x <sub>i</sub> MW / Σx <sub>i</sub> MW	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb
Helium ‡	4.00	1.0382	0.0	-0.0170	187.723	0.0	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9	0.0164	13.443	<1.6	0.0160	0.0011	5.2	0.0000	0.0323	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.3075
Nitrogen	28.01	0.9672	0.0	0.0164	11.819	9.7	0.0970	0.0938	0.0	0.0016	2.7170	0.0973	0.0000	0.0000	0.0000	0.0973	0.0000	0.0973	0.0973
Oxygen	32.00	1.1053	0.0	0.0217	13.506	1.3	0.0130	0.0144	0.0	0.0000	0.4160	0.0149	0.0000	0.0000	0.0149	0.0000	0.0000	0.0149	0.1760
Carbon Monoxide	28.01	0.9671	321.3	0.0217	8.548	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011	0.0000	0.0000	0.0020	0.0271
Carbon Dioxide ‡	44.01	1.5194	0.0	0.0640	23.565	37.3	0.3730	0.5667	0.0	0.0239	16.4157	0.5877	0.1604	0.0000	0.4273	0.0000	0.0000	0.5877	5.0233
Methane	16.04	0.5539	1012.0	0.0436	12.455	51.7	0.5170	0.2864	52.2	0.0225	8.2927	0.2969	0.2223	0.0746	0.0000	0.0000	0.0000	0.2969	6.9956
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	8.365	<0.8	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	6.321	22.9	0.0000	0.0000	0.1	0.0000	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
Isobutane	58.12	2.0067	3260.1	0.1744	6.321	7.2	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
n-Butane (C <sub>4</sub> )	58.12	2.0067	3269.6	0.1825	5.252	7.2	0.0000	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Isopentane	72.14	2.4910	4009.4	0.2276	5.252	8.3	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
n-Pentane (C <sub>5</sub> )	72.14	2.4910	4018.5	0.2377	4.398	28.1	0.0000	0.0000	0.0	0.0000	0.0006	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	259	0.0003	0.0001	0.1	0.0000	0.0024	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001	0.0001	0.0004
C <sub>6+</sub> (as hexane)	86.17	2.9753	4758.0	0.2830	4.398	259	0.0003	0.0008	1.2	0.0001	0.0223	0.0008	0.0009	0.0002	0.0000	0.0000	0.0000	0.0011	0.0035
<b>Total</b>							1.0181	0.964	529.3	0.0481	27.9341	0.9988	0.3836	0.0747	0.4433	0.0973	0.0000	0.9989	13.53
<b>%H<sub>2</sub>Osat @60°F</b> (ASTM 3588, eqn 14) <b>1.744</b>																			
‡ Omitted from Compressibility Factor Calculation																			
<b>Calculated Specific Gravity (SG)</b> (Air = 1.000 @ 760mm Hg, 60°F) <b>0.9645</b>																			
<b>Compressibility Factor (Z)</b> <b>0.9977</b>																			
$Z = 1 - [(\sum x_i v_{bi})^2 + (\sum x_i v_{bi}^2)] (0.0005)$																			
<b>Specific Gravity (corrected)</b> <b>0.967</b>																			
<b>Specific Volume, (SV) ft<sup>3</sup>/lb</b>																			
<b>Gross Calorific Value (GCV)</b> <b>530.5 Btu/ft<sup>3</sup> Gross @ 68°F</b>																			
<b>Gross Calorific Value (GCV)</b> <b>522.5 Btu/ft<sup>3</sup> Gross @ 60°F</b>																			
<b>Gross Calorific Value (GCV)</b> <b>7,178 Btu/lb @ 68°F</b>																			
<b>Gross Calorific Value, wet (GCVw)</b> <b>7,053 Btu/lb @ 68°F</b>																			
<b>Gas Fd-Factor</b> (EPA Method 19, eqn 19-13) <b>9,322 DSCF/MMBtu @ 68°F</b>																			
$DSCF/MMBtu = 10^6 \cdot ((\beta \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) \cdot (0.46 \cdot \%O_2)) / Btu/lb$																			
<b>Gas Fw-Factor</b> (EPA Method 19, eqn 19-14) <b>9,180 DSCF/MMBtu @ 60°F</b>																			
$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) \cdot (0.46 \cdot \%O_2) + (0.21 \cdot \%H_2O)) / Btu/lb(GCVw)$																			

$$Btu/lb = Btu/ft^3 \cdot ft^3/lb$$

$$GCVw = (H_2O) \cdot (ASTM D-3588, eqn 14)$$

Fd-Factor Calculation  
Landfill Gas

Facility: Ox Mountain Landfill  
Unit: Flare (A-9)  
Sample ID: A-9 LFG3  
Date: 7/21/22

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>s</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, Vbi	Specific Volume, ft <sup>3</sup> /lb	% Ppd	Composion Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, x <sub>G<sub>s</sub></sub>	Calorific Value Fraction, x <sub>H<sub>i</sub></sub>	Compressibility Fraction, x <sub>Vbi</sub>	Σx <sub>i</sub> v <sub>bi</sub>	Weight Fraction, w <sub>i</sub> = M <sub>w</sub> / Σx <sub>i</sub> M <sub>w</sub>	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb
Helium ‡	4.00	1.0382	0.0	-0.0170	187.723	0.0	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9	0.0164	13.443	<1.7	0.0170	0.0012	5.5	0.0000	0.0343	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.3360
Nitrogen	28.01	0.9672	0.0	0.0164	11.819	1.4	0.0990	0.0958	0.0	0.0000	2.7730	0.0994	0.0000	0.0000	0.0000	0.0994	0.0000	0.0000	0.1898
Oxygen	32.00	1.1053	0.0	0.0217	13.506	<0.2	0.0140	0.0155	0.0	0.0000	0.4480	0.0161	0.0000	0.0000	0.0161	0.0000	0.0000	0.0020	0.0271
Carbon Monoxide	28.01	0.9671	321.3	0.0217	8.548	37.1	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011	0.0000	0.0000	0.5852	5.0019
Carbon Dioxide ‡	44.01	1.5194	0.0	0.0640	23.565	51.5	0.3710	0.5637	521.2	0.0237	16.3277	0.5852	0.1597	0.0000	0.4255	0.0000	0.0000	0.2961	6.9763
Methane	16.04	0.5539	1012.0	0.0436	12.455	<0.8	0.5150	0.2853	0.0	0.0000	8.2606	0.2960	0.2217	0.0744	0.0000	0.0000	0.0000	0.0000	0.0000
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	8.365	23.5	0.0000	0.0000	0.1	0.0000	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	6.321	7.3	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Isobutane	58.12	2.0067	3260.1	0.1744	6.321	9.7	0.0000	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
n-Butane (C <sub>4</sub> )	58.12	2.0067	3269.6	0.1825	5.252	15.9	0.0000	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Isopentane	72.14	2.4910	4009.4	0.2276	4.398	294	0.0000	0.0000	0.1	0.0000	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
n-Pentane (C <sub>5</sub> )	72.14	2.4910	4018.5	0.2377	4.398		0.0003	0.0009	1.4	0.0001	0.0253	0.0009	0.0010	0.0002	0.0000	0.0000	0.0000	0.0000	0.0002
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398		1.0181	0.963	527.5	0.0479	27.9031	0.9988	0.3823	0.0744	0.4427	0.0994	0.0000	0.0012	0.0040
C <sub>6+</sub> (as hexane)	86.17	2.9753	4758.0	0.2830	4.398		1.0181	0.963	527.5	0.0479	27.9031	0.9988	0.3823	0.0744	0.4427	0.0994	0.0000	0.0012	0.0040
<b>Total</b>								<b>SG</b>	<b>Btu/ft<sup>3</sup></b>	<b>Σx<sub>i</sub>v<sub>bi</sub></b>	<b>Σx<sub>i</sub>M<sub>w</sub></b>		<b>38.28%</b>	<b>7.45%</b>	<b>44.32%</b>	<b>9.95%</b>	<b>0.00%</b>	<b>0.9988</b>	<b>13.53</b>

1.744

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14)

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F)

Compressibility Factor (Z)

$$Z = 1 - [(\sum x_i v_{bi})^2 + (\sum x_i v_{bi})^2] (0.0005)$$

Specific Gravity (corrected)

Specific Volume, (SV) ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

Gross Calorific Value (GCV)

Gross Calorific Value (GCV)

Gross Calorific Value, wet (GCVw)

Gas Fd-Factor (EPA Method 19, eqn 19-13)

$$DSCF/MMBtu = 10^6 \cdot (\beta \cdot 64 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) \cdot (0.46 \cdot \%O_2) / Btu/lb$$

Gas Fw-Factor (EPA Method 19, eqn 19-14)

$$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) \cdot (0.46 \cdot \%O_2) + (0.21 \cdot \%H_2O)) / Btu/lb(GCVw)$$

$$Btu/lb = Btu/ft^3 \cdot ft^3/lb$$

$$GCVw = (1-H_2O) \cdot (ASTM D-3588, eqn 14)$$





## Atmospheric Analysis & Consulting, Inc

CLIENT : Blue Sky Environmental, Inc.  
PROJECT NAME : OX MTN LANDFILL  
AAC PROJECT NO. : 221568  
REPORT DATE : 08/05/2022

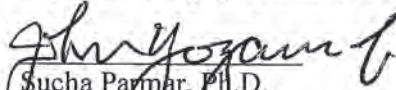
On July 25<sup>th</sup>, 2022, Atmospheric Analysis & Consulting, Inc. received six (6) Six-Liter Silonite Canisters for TNMOC analysis by EPA 25C, TRS analysis by ASTM D-5504, and ASTM D-1945 analysis. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
A-7 LFG1	221568-34002	617.2
A-7 LFG2	221568-34003	587.7
A-7 LFG3	221568-34004	591.5
A-9 LFG1	221568-34005	654.5
A-9 LFG2	221568-34006	634.3
A-9 LFG3	221568-34007	619.7

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at [www.aacalab.com](http://www.aacalab.com).

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

  
Sucha Parmar, Ph.D.  
Technical Director

This report consists of 9 pages.



# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : Blue Sky Environmental, Inc.  
 PROJECT NO. : 221568  
 MATRIX : Air

SAMPLING DATE : 07/21-22/2022  
 RECEIVING DATE : 07/25/2022  
 ANALYSIS DATE : 08/03-05/2022  
 REPORT DATE : 08/05/2022

### ASTM D-1945 & EPA 25C

Client ID	A-7 LFG1	A-7 LFG2	A-7 LFG3
AAC ID	221568-34002	221568-34003	221568-34004
Can Dilution Factor	1.66	1.74	1.73
Analyte	Result	Result	Result
H <sub>2</sub>	< 1.7 %	< 1.7 %	< 1.7 %
O <sub>2</sub>	3.1 %	3.1 %	3.0 %
N <sub>2</sub>	14.9 %	14.8 %	14.7 %
CO	< 0.2 %	< 0.2 %	< 0.2 %
CO <sub>2</sub>	35.0 %	35.0 %	35.1 %
CH <sub>4</sub>	47.1 %	47.0 %	47.2 %
C <sub>2</sub> (as Ethane)	< 0.8 ppmV	< 0.9 ppmV	< 0.9 ppmV
C <sub>3</sub> (as Propane)	16.4 ppmV	16.5 ppmV	17.0 ppmV
C <sub>4</sub> (as Butane)	6.1 ppmV	5.7 ppmV	5.7 ppmV
C <sub>5</sub> (as Pentane)	2.4 ppmV	1.3 ppmV	2.3 ppmV
C <sub>6</sub> (as Hexane)	6.0 ppmV	5.0 ppmV	5.2 ppmV
C <sub>6</sub> + (as Hexane)	198 ppmV	172 ppmV	188 ppmV
TNMOC (as Carbon)	1,334 ppmC	1,273 ppmC	1,194 ppmC

Client ID	A-9 LFG1	A-9 LFG2	A-9 LFG3
AAC ID	221568-34005	221568-34006	221568-34007
Can Dilution Factor	1.56	1.62	1.66
Analyte	Result	Result	Result
H <sub>2</sub>	< 1.6 %	< 1.6 %	< 1.7 %
O <sub>2</sub>	1.4 %	1.3 %	1.4 %
N <sub>2</sub>	9.7 %	9.7 %	9.9 %
CO	< 0.2 %	< 0.2 %	< 0.2 %
CO <sub>2</sub>	37.3 %	37.3 %	37.1 %
CH <sub>4</sub>	51.6 %	51.7 %	51.5 %
C <sub>2</sub> (as Ethane)	< 0.8 ppmV	< 0.8 ppmV	< 0.8 ppmV
C <sub>3</sub> (as Propane)	22.9 ppmV	22.9 ppmV	23.5 ppmV
C <sub>4</sub> (as Butane)	7.5 ppmV	7.2 ppmV	7.3 ppmV
C <sub>5</sub> (as Pentane)	8.8 ppmV	8.3 ppmV	9.7 ppmV
C <sub>6</sub> (as Hexane)	16.3 ppmV	28.1 ppmV	15.9 ppmV
C <sub>6</sub> + (as Hexane)	222 ppmV	259 ppmV	294 ppmV
TNMOC (as Carbon)	1,485 ppmC	1,523 ppmC	1,509 ppmC

*All fixed gases have been normalized to 100% on a dry basis*

*Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac x Canister Dil. Fac (if applicable)*



# Atmospheric Analysis & Consulting, Inc.

## LABORATORY ANALYSIS REPORT

**CLIENT** : Blue Sky Environmental, Inc.  
**PROJECT NO.** : 221568  
**MATRIX** : AIR  
**UNITS** : ppmV

**SAMPLING DATE** : 07/21-22/2022  
**RECEIVING DATE** : 07/25/2022  
**ANALYSIS DATE** : 07/25/2022  
**REPORT DATE** : 08/05/2022

### Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	A-7 LFG1	A-7 LFG2	A-7 LFG3	A-9 LFG1	A-9 LFG2	A-9 LFG3
AAC ID	221568-34002	221568-34003	221568-34004	221568-34005	221568-34006	221568-34007
Canister Dil. Fac.	1.7	1.7	1.7	1.6	1.6	1.7
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	87.5	110	110	139	144	144
COS / SO2	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Methyl Mercaptan	0.426	0.445	0.396	0.703	0.849	0.713
Ethyl Mercaptan	0.123	0.136	0.201	0.189	0.226	0.171
Dimethyl Sulfide	0.394	0.387	0.490	0.598	0.655	0.659
Carbon Disulfide	< 0.083	< 0.087	< 0.087	0.160	0.084	< 0.083
Isopropyl Mercaptan	0.314	0.518	0.372	0.889	0.865	0.765
tert-Butyl Mercaptan	0.091	< 0.087	< 0.087	0.263	0.288	0.176
n-Propyl Mercaptan	0.151	< 0.087	0.182	0.385	0.547	0.317
Methylethylsulfide	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
sec-Butyl Mercaptan / Thiophene	0.730	0.762	0.528	0.781	0.986	1.26
iso-Butyl Mercaptan	< 0.083	< 0.087	< 0.087	0.078	< 0.081	< 0.083
Diethyl Sulfide	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
n-Butyl Mercaptan	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Dimethyl Disulfide	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
2-Methylthiophene	0.301	0.338	0.209	0.152	0.181	0.315
3-Methylthiophene	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Tetrahydrothiophene	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Bromothiophene	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Thiophenol	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Diethyl Disulfide	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Total Unidentified Sulfur	0.095	0.112	0.123	0.136	0.155	0.634
Total Reduced Sulfurs	90.1	113	113	144	149	149

All unidentified compound's concentrations expressed in terms of H<sub>2</sub>S (TRS does not include COS and SO<sub>2</sub>)  
 Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



# Atmospheric Analysis & Consulting, Inc.

## Quality Control/Quality Assurance Report

Date Analyzed : 08/05/2022  
 Analyst : MR  
 Units : %

Instrument ID : GC-TCA #2  
 Calb Date : 01/17/2022  
 Reporting Limit : 0.1%

### I - Opening Continuing Calibration Verification - EPA 25

AAC ID	Analyte	H <sub>2</sub>	O <sub>2</sub>	N <sub>2</sub>	CH <sub>4</sub>	CO	CO <sub>2</sub>
CCV	Spike Conc	9.9	10.3	20.7	10.0	10.0	10.0
	Result	9.8	10.6	21.7	10.0	9.9	9.8
	% Rec *	98.6	103.1	105.0	99.8	98.9	98.2

### II - Method Blank - EPA 25

AAC ID	Analyte	H <sub>2</sub>	O <sub>2</sub>	N <sub>2</sub>	CH <sub>4</sub>	CO	CO <sub>2</sub>
MB	Concentration	ND	ND	ND	ND	ND	ND

### III - Laboratory Control Spike & Duplicate - EPA 25

AAC ID	Analyte	H <sub>2</sub>	O <sub>2</sub>	N <sub>2</sub>	CH <sub>4</sub>	CO	CO <sub>2</sub>
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	9.9	10.3	20.7	10.0	10.0	10.0
	LCS Result	10.2	10.2	20.3	10.3	10.3	10.3
	LCSD Result	10.2	10.1	20.5	10.2	10.2	10.2
	LCS % Rec *	102.5	98.4	98.1	103.2	102.6	102.9
	LCSD % Rec *	102.4	98.2	99.2	102.4	102.2	101.9
	% RPD ***	0.1	0.2	1.1	0.8	0.5	1.0

### IV - Sample & Sample Duplicate - EPA 25

AAC ID	Analyte	H <sub>2</sub>	O <sub>2</sub>	N <sub>2</sub>	CH <sub>4</sub>	CO	CO <sub>2</sub>
221568-34002	Sample	0.0	1.8	8.8	27.3	0.0	20.3
	Sample Dup	0.0	1.8	8.5	27.3	0.0	20.3
	Mean	0.0	1.8	8.6	27.3	0.0	20.3
	% RPD ***	0.0	4.0	3.0	0.2	0.0	0.1

### V - Matrix Spike & Duplicate - EPA 25

AAC ID	Analyte	H <sub>2</sub>	N <sub>2</sub>	CH <sub>4</sub>	CO	CO <sub>2</sub>
221568-34002	Sample Conc	0.0	4.3	13.7	0.0	10.1
	Spike Conc	9.9	10.1	10.0	10.0	10.0
	MS Result	10.2	14.8	23.5	9.9	19.9
	MSD Result	10.1	14.9	23.6	10.0	20.0
	MS % Rec **	103.0	103.8	98.7	98.5	98.1
	MSD % Rec **	101.8	104.6	99.5	100.0	98.9
	% RPD ***	1.1	0.7	0.7	1.5	0.8

### VI - Closing Continuing Calibration Verification - EPA 25

AAC ID	Analyte	H <sub>2</sub>	O <sub>2</sub>	N <sub>2</sub>	CH <sub>4</sub>	CO	CO <sub>2</sub>
CCV	Spike Conc	9.9	10.3	20.7	10.0	10.0	10.0
	Result	10.1	10.6	22.3	9.7	9.6	9.7
	% Rec *	102.2	102.3	108.1	97.2	96.3	97.1

\* Must be 85-115%

\*\* Must be 75-125%

\*\*\* Must be < 25%

ND = Not Detected

<RL = less than Reporting Limit



# Atmospheric Analysis & Consulting, Inc

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## Quality Control/Quality Assurance Report

Analysis Date : 08/05/2022  
 Analyst : MR  
 Units : ppmv

Instrument ID: GCTCA#2-FID  
 Calibration Date: 7/18/2022

### I - Opening Calibration Verification Standard - Method 25C

Analyte	xRF	DRF	%RPD*
Propane	119363	122966	3.0

### II - TNMOC Response Factor - Method 25C

Analyte	xRF	CV RF	CV dp RF	CV tp RF	Average RF	% RPD***
Propane	119363	122966	121192	121776	121978	2.2

### III - Method Blank - Method 25C

AAC ID	Analyte	Sample Result
MB	TNMOC	0.00

### IV - Laboratory Control Spike & Duplicate - Method 25C

AAC ID	Analyte	Spike Added	LCS	LCSD	LCS % Rec **	LCSD % Rec **	% RPD***
LCS/LCSD	Propane	51.0	50.61	50.86	99.3	99.8	0.5

### V - Closing Calibration Verification Standard - Method 25C

Analyte	xCF	dCF	%RPD*
Propane	119363	123397	3.3

*xCF - Average Calibration Factor from Initial Calibration Curve*

*dCF - Daily Calibration Factor*

\* Must be <15%

\*\* Must be 90-110 %

\*\*\* Must be <20%



# Atmospheric Analysis & Consulting, Inc

## Quality Control/Quality Assurance Report

Date Analyzed : 08/03/2022  
 Analyst : CM/KM  
 Units : ppmv

Instrument ID : FID #3  
 Calb Date : 02/01/22  
 Reporting Limit : 0.5 ppmv

### I - Opening Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	91.7	92.7	92.1	92.8	94.6	95.4
	% Rec *	92.7	93.5	93.3	94.6	96.4	95.7

### II - Method Blank - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
MB	Concentration	ND	ND	ND	ND	ND	ND

### III - Laboratory Control Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	LCS Result	94.9	96.2	95.0	96.9	98.1	99.9
	LCSD Result	99.5	101.4	100.6	101.7	103.3	104.9
	LCS % Rec *	96.0	97.0	96.2	98.8	100.0	100.2
	LCSD % Rec *	100.7	102.3	102.0	103.6	105.3	105.1
	% RPD ***	4.8	5.3	5.8	4.8	5.2	4.8

### IV - Sample & Sample Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220629-29431	Sample	0.0	0.0	0.0	0.0	0.0	0.0
	Sample Dup	0.0	0.0	0.0	0.0	0.0	0.0
	Mean	0.0	0.0	0.0	0.0	0.0	0.0
	% RPD ***	0.0	0.0	0.0	0.0	0.0	0.0

### V - Matrix Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220629-29431	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	49.4	49.6	49.4	49.0	49.1	49.9
	MS Result	53.6	54.0	53.4	53.7	55.5	56.2
	MSD Result	45.1	45.5	45.0	45.7	46.7	47.8
	MS % Rec **	108.3	108.9	108.1	109.6	113.1	112.8
	MSD % Rec **	91.2	91.8	91.1	93.3	95.1	95.8
	% RPD ***	17.2	17.0	17.1	16.1	17.3	16.3

### VI - Closing Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	89.6	89.8	89.5	90.9	94.4	98.1
	% Rec *	90.6	90.6	90.7	92.7	96.2	98.4

\* Must be 85-115%

\*\* Must be 75-125%

\*\*\* Must be < 25%

ND = Not Detected

<RL = less than Reporting Limit



# Atmospheric Analysis & Consulting, Inc.

## Quality Control/Quality Assurance Report

Date Analyzed : 08/04/2022  
 Analyst : CM/KM  
 Units : ppmv

Instrument ID : FID #3  
 Calb Date : 02/01/22  
 Reporting Limit : 0.5 ppmv

### I - Opening Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	96.0	98.3	96.9	98.1	100.9	103.9
	% Rec *	97.1	99.2	98.2	100.1	102.8	104.2

### II - Method Blank - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
MB	Concentration	ND	ND	ND	ND	ND	ND

### III - Laboratory Control Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	LCS Result	105.1	107.2	106.4	108.5	111.0	114.4
	LCSD Result	106.8	108.6	107.9	108.7	111.0	113.8
	LCS % Rec *	106.3	108.2	107.8	110.7	113.1	114.7
	LCSD % Rec *	108.0	109.5	109.3	110.9	113.1	114.1
	% RPD ***	1.6	1.2	1.4	0.2	0.0	0.5

### IV - Sample & Sample Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220629-29431	Sample	0.0	0.0	0.0	0.0	0.0	0.0
	Sample Dup	0.0	0.0	0.0	0.0	0.0	0.0
	Mean	0.0	0.0	0.0	0.0	0.0	0.0
	% RPD ***	0.0	0.0	0.0	0.0	0.0	0.0

### V - Matrix Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220629-29431	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	49.4	49.6	49.4	49.0	49.1	49.9
	MS Result	41.4	41.8	41.2	41.9	42.7	43.4
	MSD Result	47.1	47.7	46.6	47.5	48.2	48.6
	MS % Rec **	83.7	84.4	83.5	85.5	86.9	87.0
	MSD % Rec **	95.2	96.2	94.4	97.0	98.2	97.5
	% RPD ***	12.8	13.1	12.2	12.5	12.1	11.3

### VI - Closing Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	94.4	96.5	96.1	97.1	98.3	99.6
	% Rec *	95.5	97.3	97.4	99.0	100.1	99.9

\* Must be 85-115%

\*\* Must be 75-125%

\*\*\* Must be < 25%

ND = Not Detected

<RL = less than Reporting Limit



# Atmospheric Analysis & Consulting, Inc.

## Quality Control/Quality Assurance Report ASTM D-5504

Date Analyzed: 7/25/2022  
 Analyst: ZD  
 Units: ppmV

Instrument ID: SCD-BTU  
 Calb. Date: 10/21/2021

### Opening Calibration Verification Standard

0.520 ppbV H<sub>2</sub>S (SS1289)

H <sub>2</sub> S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1137	0.518	99.6	0.7
Duplicate	1146	0.522	100.4	0.1
Triplicate	1153	0.525	101.0	0.7

0.527 ppbV MeSH (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1194	0.542	102.8	0.1
Duplicate	1174	0.533	101.1	1.6
Triplicate	1212	0.550	104.3	1.5

0.522 ppbV DMS (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1241	0.512	98.1	0.7
Duplicate	1247	0.514	98.5	1.1
Triplicate	1212	0.500	95.7	1.8

### Method Blank

Analyte	Result
H <sub>2</sub> S	<PQL
MeSH	<PQL
DMS	<PQL

### Duplicate Analysis

Sample ID 220521-28939

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H <sub>2</sub> S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

### Matrix Spike & Duplicate

Sample ID x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H <sub>2</sub> S	<PQL	0.260	0.242	0.243	93.1	93.5	0.4
MeSH	<PQL	0.264	0.254	0.255	96.4	96.8	0.4
DMS	<PQL	0.261	0.241	0.258	92.3	98.9	6.8

### Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H <sub>2</sub> S	0.520	0.505	97.2
MeSH	0.527	0.515	97.7
DMS	0.522	0.502	96.2

\* Must be 95-105%, \*\* Must be 90-110%, \*\*\* Must be < 10%, \*\*\*\* Must be < 5% RPD from Mean result.

PQL = 50.0 ppbV

MDL = 1.1 ppbV







## Atmospheric Analysis & Consulting, Inc.

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CLIENT : Blue Sky Environmental  
PROJECT NAME : Ox Mtn Landfill  
AAC PROJECT NO. : 221568  
REPORT DATE : 08/05/2022

On July 25, 2022, Atmospheric Analysis & Consulting, Inc. received six (6) 6-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

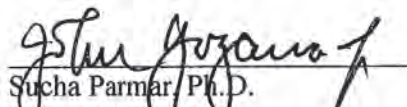
Client ID	Lab ID	Return Pressure (mmHg)
A-7 LFG1	221568-34002	617.2
A-7 LFG2	221568-34003	587.7
A-7 LFG3	221568-34004	591.5
A-9 LFG1	221568-34005	654.5
A-9 LFG2	221568-34006	634.3
A-9 LFG3	221568-34007	619.7

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at [www.aaclab.com](http://www.aaclab.com).

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

  
Sucha Parmar, Ph.D.  
Technical Director

This report consists of 12 pages.





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : Blue Sky Environmental  
 PROJECT NO : 221568  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2022  
 DATE REPORTED : 08/05/2022  
 ANALYST : MB/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>		A-7 LFG1			Sample Reporting Limit (SRL) (MRLxDF's)	A-7 LFG2			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
<i>AAC ID</i>		221568-34002				221568-34003				
<i>Date Sampled</i>		07/22/2022				07/22/2022				
<i>Date Analyzed</i>		08/04/2022				08/04/2022				
<i>Can Dilution Factor</i>		1.66			1.74					
<i>Compound</i>	<i>Result</i>	<i>Qualifier</i>	<i>Analysis DF</i>		<i>Result</i>	<i>Qualifier</i>	<i>Analysis DF</i>			
Chlorodifluoromethane	77.3		50	41.6	57.5		50	43.6	0.50	
Propene	6890		50	83.1	5330		50	87.2	1.00	
Dichlorodifluoromethane	69.8		50	41.6	57.5		50	43.6	0.50	
Chloromethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Dichlorotetrafluoroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Vinyl Chloride	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Methanol	<SRL	U	50	41.6	<SRL	U	50	43.6	5.00	
1,3-Butadiene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Bromomethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Chloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Dichlorofluoroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Ethanol	593		50	166	475		50	174	2.00	
Vinyl Bromide	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Acetone	2680		50	166	2180		50	174	2.00	
Trichlorofluoromethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
2-Propanol (IPA)	599		50	166	464		50	174	2.00	
Acrylonitrile	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00	
1,1-Dichloroethene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Methylene Chloride (DCM)	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00	
Allyl Chloride	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00	
Carbon Disulfide	<SRL	U	50	166	<SRL	U	50	174	2.00	
Trichlorotrifluoroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
trans-1,2-Dichloroethene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
1,1-Dichloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Vinyl Acetate	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00	
2-Butanone (MEK)	3110		50	83.1	2400		50	87.2	1.00	
cis-1,2-Dichloroethene	64.0		50	41.6	58.4		50	43.6	0.50	
Hexane	297		50	41.6	251		50	43.6	0.50	
Chloroform	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Ethyl Acetate	89.8		50	41.6	54.9		50	43.6	0.50	
Tetrahydrofuran	1090		50	41.6	899		50	43.6	0.50	
1,2-Dichloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
1,1,1-Trichloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50	
Benzene	1240		50	41.6	1160		50	43.6	0.50	





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : Blue Sky Environmental  
 PROJECT NO : 221568  
 MATRIX : AIR  
 UNITS : PPB (v/v)

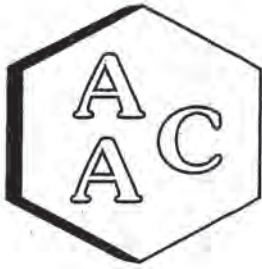
DATE RECEIVED : 07/25/2022  
 DATE REPORTED : 08/05/2022  
 ANALYST : MB/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	A-7 LFG1			Sample Reporting Limit (SRL) (MRLxDF's)	A-7 LFG2			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
	AAC ID	Result	Qualifier		Analysis DF	Result	Qualifier		
	221568-34002								
Date Sampled	07/22/2022								
Date Analyzed	08/04/2022								
Can Dilution Factor	1.66								
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Carbon Tetrachloride	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Cyclohexane	303		50	41.6	290		50	43.6	0.50
1,2-Dichloropropane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Bromodichloromethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,4-Dioxane	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00
Trichloroethene (TCE)	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
2,2,4-Trimethylpentane	116		50	41.6	103		50	43.6	0.50
Heptane	646		50	41.6	571		50	43.6	0.50
cis-1,3-Dichloropropene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
4-Methyl-2-pentanone (MiBK)	261		50	41.6	241		50	43.6	0.50
trans-1,3-Dichloropropene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,1,2-Trichloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Toluene	3710		50	41.6	3380		50	43.6	0.50
2-Hexanone (MBK)	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00
Dibromochloromethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,2-Dibromoethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Tetrachloroethene (PCE)	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Chlorobenzene	79.8		50	41.6	82.0		50	43.6	0.50
Ethylbenzene	3290		50	41.6	3170		50	43.6	0.50
m & p-Xylene	3810		50	83.1	3750		50	87.2	1.00
Bromoform	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Styrene	155		50	41.6	160		50	43.6	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
o-Xylene	1420		50	41.6	1400		50	43.6	0.50
4-Ethyltoluene	695		50	41.6	685		50	43.6	0.50
1,3,5-Trimethylbenzene	414		50	41.6	418		50	43.6	0.50
1,2,4-Trimethylbenzene	989		50	41.6	969		50	43.6	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,3-Dichlorobenzene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,4-Dichlorobenzene	525		50	41.6	581		50	43.6	0.50
1,2-Dichlorobenzene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,2,4-Trichlorobenzene	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00
Hexachlorobutadiene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
BFB-Surrogate Std. % Recovery		98%				103%			70-130%

U - Compound was not detected at or above the SRL.





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : Blue Sky Environmental  
 PROJECT NO : 221568  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2022  
 DATE REPORTED : 08/05/2022  
 ANALYST : MB/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		A-7 LFG3			Sample Reporting Limit (SRL) (MRLxDF's)	A-9 LFG1			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AACID		221568-34004				221568-34005				
Date Sampled		07/22/2022				07/21/2022				
Date Analyzed		08/04/2022				08/04/2022				
Can Dilution Factor		1.73			1.56					
Compound	Result	Qualifier	Analysis DF	Result	Qualifier	Analysis DF	Result	Qualifier	Analysis DF	
Chlorodifluoromethane	62.3		50	43.3	128		50	39.1	0.50	
Propene	5500		50	86.5	6740		50	78.2	1.00	
Dichlorodifluoromethane	58.0		50	43.3	70.4		50	39.1	0.50	
Chloromethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Dichlorotetrafluoroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Vinyl Chloride	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Methanol	<SRL	U	50	433	1690		50	39.1	5.00	
1,3-Butadiene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Bromomethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Chloroethane	<SRL	U	50	43.3	122		50	39.1	0.50	
Dichlorofluoromethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Ethanol	492		50	173	8790		50	156	2.00	
Vinyl Bromide	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Acetone	2050		50	173	5180		50	156	2.00	
Trichlorofluoromethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
2-Propanol (IPA)	491		50	173	3650		50	156	2.00	
Acrylonitrile	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00	
1,1-Dichloroethene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Methylene Chloride (DCM)	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00	
Allyl Chloride	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00	
Carbon Disulfide	<SRL	U	50	173	<SRL	U	50	156	2.00	
Trichlorotrifluoroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
trans-1,2-Dichloroethene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
1,1-Dichloroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Vinyl Acetate	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00	
2-Butanone (MEK)	2500		50	86.5	6390		50	78.2	1.00	
cis-1,2-Dichloroethene	62.3		50	43.3	117		50	39.1	0.50	
Hexane	252		50	43.3	311		50	39.1	0.50	
Chloroform	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Ethyl Acetate	56.3		50	43.3	857		50	39.1	0.50	
Tetrahydrofuran	918		50	43.3	1570		50	39.1	0.50	
1,2-Dichloroethane	<SRL	U	50	43.3	125		50	39.1	0.50	
1,1,1-Trichloroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Benzene	1160		50	43.3	1100		50	39.1	0.50	





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : Blue Sky Environmental  
 PROJECT NO : 221568  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2022  
 DATE REPORTED : 08/05/2022  
 ANALYST : MB/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		A-7 LFG3			Sample Reporting Limit (SRL) (MRLxDF's)	A-9 LFG1			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		221568-34004				221568-34005				
Date Sampled		07/22/2022			07/21/2022					
Date Analyzed		08/04/2022			08/04/2022					
Can Dilution Factor		1.73			1.56					
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Cyclohexane	294		50	43.3	441		50	39.1	0.50	
1,2-Dichloropropane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Bromodichloromethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
1,4-Dioxane	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00	
Trichloroethene (TCE)	<SRL	U	50	43.3	79.8		50	39.1	0.50	
2,2,4-Trimethylpentane	105		50	43.3	147		50	39.1	0.50	
Heptane	608		50	43.3	797		50	39.1	0.50	
cis-1,3-Dichloropropene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
4-Methyl-2-pentanone (MiBK)	235		50	43.3	378		50	39.1	0.50	
trans-1,3-Dichloropropene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
1,1,2-Trichloroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Toluene	3490		50	43.3	3950		50	39.1	0.50	
2-Hexanone (MBK)	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00	
Dibromochloromethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
1,2-Dibromoethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Tetrachloroethene (PCE)	<SRL	U	50	43.3	91.5		50	39.1	0.50	
Chlorobenzene	94.3		50	43.3	115		50	39.1	0.50	
Ethylbenzene	3250		50	43.3	2840		50	39.1	0.50	
m & p-Xylene	3950		50	86.5	4090		50	78.2	1.00	
Bromoform	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
Styrene	172		50	43.3	336		50	39.1	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
o-Xylene	1450		50	43.3	1500		50	39.1	0.50	
4-Ethyltoluene	756		50	43.3	695		50	39.1	0.50	
1,3,5-Trimethylbenzene	428		50	43.3	407		50	39.1	0.50	
1,2,4-Trimethylbenzene	990		50	43.3	915		50	39.1	0.50	
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
1,3-Dichlorobenzene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
1,4-Dichlorobenzene	617		50	43.3	578		50	39.1	0.50	
1,2-Dichlorobenzene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
1,2,4-Trichlorobenzene	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00	
Hexachlorobutadiene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50	
BFB-Surrogate Std. % Recovery		103%				106%			70-130%	

U - Compound was not detected at or above the SRL.





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : Blue Sky Environmental  
 PROJECT NO : 221568  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2022  
 DATE REPORTED : 08/05/2022  
 ANALYST : MB/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		A-9 LFG2			Sample Reporting Limit (SRL) (MRLxDF's)	A-9 LFG3			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)	
AAC ID		221568-34006				221568-34007					
Date Sampled		07/21/2022				07/21/2022					
Date Analyzed		08/04/2022				08/04/2022					
Can Dilution Factor		1.62			1.66						
Compound	Result	Qualifier	Analysis DF	Result	Qualifier	Analysis DF	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	123		50	40.4	126		50		50	41.5	0.50
Propene	7010		50	80.8	7290		50		50	83.0	1.00
Dichlorodifluoromethane	65.5		50	40.4	68.9		50		50	41.5	0.50
Chloromethane	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Dichlorotetrafluoroethane	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Vinyl Chloride	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Methanol	1690		50	40.4	2740		50		50	41.5	5.00
1,3-Butadiene	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Bromomethane	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Chloroethane	111		50	40.4	105		50		50	41.5	0.50
Dichlorofluoromethane	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Ethanol	8530		50	162	9190		50		50	166	2.00
Vinyl Bromide	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Acetone	5130		50	162	5330		50		50	166	2.00
Trichlorofluoromethane	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
2-Propanol (IPA)	3530		50	162	3620		50		50	166	2.00
Acrylonitrile	<SRL	U	50	80.8	<SRL	U	50		50	83.0	1.00
1,1-Dichloroethene	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Methylene Chloride (DCM)	<SRL	U	50	80.8	<SRL	U	50		50	83.0	1.00
Allyl Chloride	<SRL	U	50	80.8	<SRL	U	50		50	83.0	1.00
Carbon Disulfide	<SRL	U	50	162	<SRL	U	50		50	166	2.00
Trichlorotrifluoroethane	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
trans-1,2-Dichloroethene	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
1,1-Dichloroethane	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Vinyl Acetate	<SRL	U	50	80.8	<SRL	U	50		50	83.0	1.00
2-Butanone (MEK)	6280		50	80.8	6640		50		50	83.0	1.00
cis-1,2-Dichloroethene	116		50	40.4	118		50		50	41.5	0.50
Hexane	305		50	40.4	310		50		50	41.5	0.50
Chloroform	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Ethyl Acetate	842		50	40.4	868		50		50	41.5	0.50
Tetrahydrofuran	1530		50	40.4	1570		50		50	41.5	0.50
1,2-Dichloroethane	122		50	40.4	127		50		50	41.5	0.50
1,1,1-Trichloroethane	<SRL	U	50	40.4	<SRL	U	50		50	41.5	0.50
Benzene	1090		50	40.4	1110		50		50	41.5	0.50





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : Blue Sky Environmental  
 PROJECT NO : 221568  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2022  
 DATE REPORTED : 08/05/2022  
 ANALYST : MB/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		A-9 LFG2			Sample Reporting Limit (SRL) (MRLxDF's)	A-9 LFG3			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		221568-34006				221568-34007				
Date Sampled		07/21/2022			07/21/2022					
Date Analyzed		08/04/2022			08/04/2022					
Can Dilution Factor		1.62			1.66					
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Carbon Tetrachloride	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
Cyclohexane	424		50	40.4	438		50	41.5	0.50	
1,2-Dichloropropane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
Bromodichloromethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
1,4-Dioxane	<SRL	U	50	80.8	<SRL	U	50	83.0	1.00	
Trichloroethene (TCE)	82.5		50	40.4	83.0		50	41.5	0.50	
2,2,4-Trimethylpentane	147		50	40.4	152		50	41.5	0.50	
Heptane	777		50	40.4	820		50	41.5	0.50	
cis-1,3-Dichloropropene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
4-Methyl-2-pentanone (MiBK)	375		50	40.4	387		50	41.5	0.50	
trans-1,3-Dichloropropene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
1,1,2-Trichloroethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
Toluene	3890		50	40.4	4050		50	41.5	0.50	
2-Hexanone (MBK)	<SRL	U	50	80.8	<SRL	U	50	83.0	1.00	
Dibromochloromethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
1,2-Dibromoethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
Tetrachloroethene (PCE)	90.5		50	40.4	90.4		50	41.5	0.50	
Chlorobenzene	113		50	40.4	116		50	41.5	0.50	
Ethylbenzene	2870		50	40.4	2900		50	41.5	0.50	
m & p-Xylene	4160		50	80.8	4120		50	83.0	1.00	
Bromoform	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
Styrene	328		50	40.4	342		50	41.5	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
o-Xylene	1520		50	40.4	1520		50	41.5	0.50	
4-Ethyltoluene	701		50	40.4	745		50	41.5	0.50	
1,3,5-Trimethylbenzene	414		50	40.4	415		50	41.5	0.50	
1,2,4-Trimethylbenzene	940		50	40.4	929		50	41.5	0.50	
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
1,3-Dichlorobenzene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
1,4-Dichlorobenzene	602		50	40.4	611		50	41.5	0.50	
1,2-Dichlorobenzene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
1,2,4-Trichlorobenzene	<SRL	U	50	80.8	<SRL	U	50	83.0	1.00	
Hexachlorobutadiene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50	
BFB-Surrogate Std. % Recovery			106%				106%		70-130%	

U - Compound was not detected at or above the SRL.







# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 08/04/2022  
 MATRIX : High Purity N<sub>2</sub>  
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02  
 CALIBRATION STD ID : MS1-070822-02  
 ANALYST : MB/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15 Continuing Calibration Verification of the 08/01/2022 Calibration

Analyte Compounds	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
4-BFB (surrogate standard)	9.60	9.79	102
Chlorodifluoromethane	10.40	9.69	93
Propene	10.60	10.24	97
Dichlorodifluoromethane	10.40	9.96	96
Dimethyl Ether	10.20	9.94	97
Chloromethane	10.40	9.62	93
Dichlorotetrafluoroethane	10.30	10.58	103
Vinyl Chloride	10.50	10.52	100
Acetaldehyde	21.10	21.85	104
Methanol	18.80	18.06	96
1,3-Butadiene	10.60	10.63	100
Bromomethane	10.40	10.29	99
Chloroethane	10.30	9.28	90
Dichlorofluoromethane	10.20	9.71	95
Ethanol	11.20	11.01	98
Vinyl Bromide	10.10	9.50	94
Acrolein	11.10	10.88	98
Acetone	10.60	9.45	89
Trichlorofluoromethane	10.50	9.44	90
2-Propanol (IPA)	11.00	10.30	94
Acrylonitrile	11.20	10.26	92
1,1-Dichloroethene	10.40	10.11	97
Methylene Chloride (DCM)	10.50	10.30	98
TertButanol (TBA)	11.10	10.18	92
Allyl Chloride	10.20	9.31	91
Carbon Disulfide	10.50	10.38	99
Trichlorotrifluoroethane	10.40	10.02	96
trans-1,2-Dichloroethene	10.60	9.77	92
1,1-Dichloroethane	10.50	9.27	88
Methyl Tert Butyl Ether (MTBE)	10.50	9.51	91
Vinyl Acetate	11.00	9.85	90
2-Butanone (MEK)	10.60	9.44	89
cis-1,2-Dichloroethene	10.50	10.01	95
Hexane	10.70	9.52	89
Chloroform	10.60	9.65	91
Ethyl Acetate	10.60	9.59	90
Tetrahydrofuran	10.20	9.41	92
1,2-Dichloroethane	10.50	9.62	92
1,1,1-Trichloroethane	10.40	9.36	90
Benzene	10.60	10.12	95
Carbon Tetrachloride	10.20	9.04	89
Cyclohexane	10.50	10.05	96

Analyte Compounds (Continued)	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
1,2-Dichloropropane	10.50	9.85	94
Bromodichloromethane	10.40	9.82	94
1,4-Dioxane	10.40	10.03	96
Trichloroethene (TCE)	10.40	9.76	94
2,2,4-Trimethylpentane	10.00	9.27	93
Methyl Methacrylate	11.00	10.59	96
Heptane	10.50	9.82	94
cis-1,3-Dichloropropene	10.40	10.17	98
4-Methyl-2-pentanone (MiBK)	10.40	9.73	94
trans-1,3-Dichloropropene	10.50	10.05	96
1,1,2-Trichloroethane	10.50	9.99	95
Toluene	10.60	10.36	98
2-Hexanone (MBK)	10.50	10.77	103
Dibromochloromethane	10.30	10.27	100
1,2-Dibromoethane	10.60	10.25	97
Tetrachloroethene (PCE)	10.40	9.78	94
Chlorobenzene	10.60	10.26	97
Ethylbenzene	10.50	10.25	98
m & p-Xylene	21.00	20.88	99
Bromoform	10.50	11.26	107
Styrene	10.50	10.88	104
1,1,2,2-Tetrachloroethane	10.50	11.34	108
o-Xylene	10.50	10.25	98
1,2,3-Trichloropropane	11.00	10.70	97
Isopropylbenzene (Cumene)	10.30	10.48	102
α-Pinene	10.70	10.80	101
2-Chlorotoluene	10.30	10.55	102
n-Propylbenzene	10.10	10.28	102
4-Ethyltoluene	10.30	11.09	108
1,3,5-Trimethylbenzene	10.30	10.64	103
β-Pinene	11.00	10.45	95
1,2,4-Trimethylbenzene	10.30	10.90	106
Benzyl Chloride (α-Chlorotoluene)	10.40	10.90	105
1,3-Dichlorobenzene	10.40	11.21	108
1,4-Dichlorobenzene	10.30	11.09	108
Sec-ButylBenzene	10.10	10.52	104
1,2-Dichlorobenzene	10.60	11.02	104
n-ButylBenzene	10.20	10.96	107
1,2-Dibromo-3-Chloropropane	10.10	11.29	112
1,2,4-Trichlorobenzene	11.00	12.56	114
Naphthalene	11.50	13.76	120
Hexachlorobutadiene	11.00	11.87	108

<sup>1</sup> Concentration of analyte compound in certified source standard.

<sup>2</sup> Measured result from daily Continuing Calibration Verification (CCV).

<sup>3</sup> The acceptable range for analyte recovery is 100±30%.





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 08/04/2022

MATRIX : High Purity N<sub>2</sub>

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02

CALIBRATION STD ID : MSI-070822-02

ANALYST : MB/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

<i>System Monitoring Compounds</i>	<i>Sample Concentration</i>	<i>Spike Added</i>	<i>LCS<sup>1</sup> Recovery</i>	<i>LCSD<sup>1</sup> Recovery</i>	<i>LCS<sup>1</sup> % Recovery<sup>2</sup></i>	<i>LCSD<sup>1</sup> % Recovery<sup>2</sup></i>	<i>RPD<sup>3</sup></i>
4-BFB (surrogate standard)	0.0	9.60	9.79	9.91	102	103	1.2
1,1-Dichloroethene	0.0	10.40	10.11	10.14	97	98	0.3
Methylene Chloride (DCM)	0.0	10.50	10.30	10.41	98	99	1.1
Benzene	0.0	10.60	10.12	10.01	95	94	1.1
Trichloroethene (TCE)	0.0	10.40	9.76	9.86	94	95	1.0
Toluene	0.0	10.60	10.36	10.41	98	98	0.5
Tetrachloroethene (PCE)	0.0	10.40	9.78	9.71	94	93	0.7
Chlorobenzene	0.0	10.60	10.26	10.66	97	101	3.8
Ethylbenzene	0.0	10.50	10.25	10.65	98	101	3.8
m & p-Xylene	0.0	21.00	20.88	20.87	99	99	0.0
o-Xylene	0.0	10.50	10.25	10.50	98	100	2.4

<sup>1</sup> Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

<sup>2</sup> The acceptable range for analyte recovery is 100±30%.

<sup>3</sup> Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 08/04/2022

INSTRUMENT ID : GC/MS-02

MATRIX : High Purity He or N<sub>2</sub>

ANALYST : MB/DL

UNITS : PPB (v/v)

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 080422	Reporting Limit (RL)	Analyte Compounds (Continued)	MB 080422	Reporting Limit (RL)
4-BFB (surrogate standard)	89%	100±30%	1,2-Dichloropropane	<RL	0.5
Chlorodifluoromethane	<RL	0.5	Bromodichloromethane	<RL	0.5
Propene	<RL	1.0	1,4-Dioxane	<RL	1.0
Dichlorodifluoromethane	<RL	0.5	Trichloroethene (TCE)	<RL	0.5
Dimethyl Ether	<RL	0.5	2,2,4-Trimethylpentane	<RL	0.5
Chloromethane	<RL	0.5	Methyl Methacrylate	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5	Heptane	<RL	0.5
Vinyl Chloride	<RL	0.5	cis-1,3-Dichloropropene	<RL	0.5
Acetaldehyde	<RL	5.0	4-Methyl-2-pentanone (MIBK)	<RL	0.5
Methanol	<RL	5.0	trans-1,3-Dichloropropene	<RL	0.5
1,3-Butadiene	<RL	0.5	1,1,2-Trichloroethane	<RL	0.5
Bromomethane	<RL	0.5	Toluene	<RL	0.5
Chloroethane	<RL	0.5	2-Hexanone (MBK)	<RL	1.0
Dichlorofluoromethane	<RL	0.5	Dibromochloromethane	<RL	0.5
Ethanol	<RL	2.0	1,2-Dibromoethane	<RL	0.5
Vinyl Bromide	<RL	0.5	Tetrachloroethene (PCE)	<RL	0.5
Acrolein	<RL	1.0	Chlorobenzene	<RL	0.5
Acetone	<RL	2.0	Ethylbenzene	<RL	0.5
Trichlorofluoromethane	<RL	0.5	m & p-Xylene	<RL	1.0
2-Propanol (IPA)	<RL	2.0	Bromofom	<RL	0.5
Acrylonitrile	<RL	0.5	Styrene	<RL	0.5
1,1-Dichloroethene	<RL	0.5	1,1,2,2-Tetrachloroethane	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0	o-Xylene	<RL	0.5
TertButanol (TBA)	<RL	0.5	1,2,3-Trichloropropane	<RL	0.5
Allyl Chloride	<RL	1.0	Isopropylbenzene (Cumene)	<RL	0.5
Carbon Disulfide	<RL	2.0	α-Pinene	<RL	1.0
Trichlorotrifluoroethane	<RL	0.5	2-Chlorotoluene	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5	n-Propylbenzene	<RL	0.5
1,1-Dichloroethane	<RL	0.5	4-Ethyltoluene	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5	1,3,5-Trimethylbenzene	<RL	0.5
Vinyl Acetate	<RL	1.0	β-Pinene	<RL	2.0
2-Butanone (MEK)	<RL	1.0	1,2,4-Trimethylbenzene	<RL	0.5
cis-1,2-Dichloroethene	<RL	0.5	Benzyl Chloride (a-Chlorotoluene)	<RL	0.5
Hexane	<RL	0.5	1,3-Dichlorobenzene	<RL	0.5
Chloroform	<RL	0.5	1,4-Dichlorobenzene	<RL	0.5
Ethyl Acetate	<RL	0.5	Sec-ButylBenzene	<RL	0.5
Tetrahydrofuran	<RL	0.5	1,2-Dichlorobenzene	<RL	0.5
1,2-Dichloroethane	<RL	0.5	n-ButylBenzene	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5	1,2-Dibromo-3-Chloropropane	<RL	0.5
Benzene	<RL	0.5	1,2,4-Trichlorobenzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5	Naphthalene	<RL	1.0
Cyclohexane	<RL	0.5	Hexachlorobutadiene	<RL	0.5





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 08/04/2022  
 MATRIX : Air  
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02  
 ANALYST : MB/DL  
 DILUTION FACTOR<sup>1</sup> : x87.2

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 221568-34003

Analyte Compounds	Sample	Duplicate	RPD <sup>2</sup>
4-BFB (surrogate standard)	10.3	10.4	1.0
Chlorodifluoromethane	57.5	64.5	11.4
Propene	5330	5770	8.0
Dichlorodifluoromethane	57.5	62.8	8.7
Dimethyl Ether	96.8	117	18.8
Chloromethane	<SRL	<SRL	NA
Dichlorotetrafluoroethane	<SRL	<SRL	NA
Vinyl Chloride	<SRL	<SRL	NA
Acetaldehyde	<SRL	<SRL	NA
Methanol	<SRL	<SRL	NA
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	475	533	11.4
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	2180	2300	5.6
Trichlorofluoromethane	<SRL	<SRL	NA
2-Propanol (IPA)	464	530	13.3
Acrylonitrile	<SRL	<SRL	NA
1,1-Dichloroethene	<SRL	<SRL	NA
Methylene Chloride (DCM)	<SRL	<SRL	NA
TertButanol (TBA)	746	778	4.1
Allyl Chloride	<SRL	<SRL	NA
Carbon Disulfide	<SRL	<SRL	NA
Trichlorotrifluoroethane	<SRL	<SRL	NA
trans-1,2-Dichloroethene	<SRL	<SRL	NA
1,1-Dichloroethane	<SRL	<SRL	NA
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	NA
Vinyl Acetate	<SRL	<SRL	NA
2-Butanone (MEK)	2400	2620	8.8
cis-1,2-Dichloroethene	58.4	62.8	7.2
Hexane	251	276	9.6
Chloroform	<SRL	<SRL	NA
Ethyl Acetate	54.9	59.3	7.6
Tetrahydrofuran	899	964	6.9
1,2-Dichloroethane	<SRL	<SRL	NA
1,1,1-Trichloroethane	<SRL	<SRL	NA
Benzene	1160	1250	7.2
Carbon Tetrachloride	<SRL	<SRL	NA
Cyclohexane	290	305	5.0

Analyte Compounds (Continued)	Sample	Duplicate	RPD <sup>2</sup>
1,2-Dichloropropane	<SRL	<SRL	NA
Bromodichloromethane	<SRL	<SRL	NA
1,4-Dioxane	<SRL	<SRL	NA
Trichloroethene (TCE)	<SRL	<SRL	NA
2,2,4-Trimethylpentane	103	108	5.0
Methyl Methacrylate	<SRL	<SRL	NA
Heptane	571	629	9.6
cis-1,3-Dichloropropene	<SRL	<SRL	NA
4-Methyl-2-pentanone (MiBK)	241	246	2.2
trans-1,3-Dichloropropene	<SRL	<SRL	NA
1,1,2-Trichloroethane	<SRL	<SRL	NA
Toluene	3380	3620	6.7
2-Hexanone (MBK)	<SRL	<SRL	NA
Dibromochloromethane	<SRL	<SRL	NA
1,2-Dibromoethane	<SRL	<SRL	NA
Tetrachloroethene (PCE)	<SRL	<SRL	NA
Chlorobenzene	82.0	93.3	12.9
Ethylbenzene	3170	3310	4.3
m & p-Xylene	3750	4020	7.1
Bromoform	<SRL	<SRL	NA
Styrene	160	176	9.9
1,1,2,2-Tetrachloroethane	<SRL	<SRL	NA
o-Xylene	1400	1490	6.3
1,2,3-Trichloropropane	<SRL	<SRL	NA
Isopropylbenzene (Cumene)	663	705	6.2
α-Pinene	6870	7100	3.2
2-Chlorotoluene	<SRL	<SRL	NA
n-Propylbenzene	400	426	6.1
4-Ethyltoluene	685	780	13.0
1,3,5-Trimethylbenzene	418	447	6.9
β-Pinene	800	827	3.3
1,2,4-Trimethylbenzene	969	1010	3.7
Benzyl Chloride (a-Chlorotoluene)	<SRL	<SRL	NA
1,3-Dichlorobenzene	<SRL	<SRL	NA
1,4-Dichlorobenzene	581	623	7.1
Sec-ButylBenzene	67.1	<SRL	NA
1,2-Dichlorobenzene	<SRL	<SRL	NA
n-ButylBenzene	<SRL	<SRL	NA
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	NA
1,2,4-Trichlorobenzene	<SRL	<SRL	NA
Naphthalene	332	392	16.4
Hexachlorobutadiene	<SRL	<SRL	NA

<sup>1</sup> Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

<sup>2</sup> Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)





# Ox Mountain Landfill

## Flare (A-7)

DATE	TIME	O <sub>2</sub> %	CO <sub>2</sub> %	NOx PPM	CO PPM	CH <sub>4</sub> PPM	VOC PPM	ZERO SPAN
7/22/2022	7:42:00	0.08	-0.08	0.05	0.30	1.60	-0.05	LINEARITY & NO <sub>2</sub> Check
7/22/2022	7:54:02	20.15	12.21	22.79	123.80	441.0	44.96	
7/22/2022	8:00:03	14.45	8.14	12.82	85.40	245.5	25.38	
7/22/2022	8:01:03			12.50				
7/22/2022	8:02:03			10.42				
7/22/2022	8:03:03			11.91				
7/22/2022	8:04:03			11.97				
7/22/2022	8:05:04			11.96				
7/22/2022	8:06:04			11.97				
7/22/2022	8:12:05	19.99	12.26	0.10	0.00	146.1	14.87	
7/22/2022	8:16:05			12.66				
7/22/2022	8:19:06	0.06	0.01		83.80			
EXTERNAL BIAS								

RUN1 DATE	TIME	O <sub>2</sub> %	CO <sub>2</sub> %	NOx PPM	CO PPM	CH <sub>4</sub> PPM	VOC PPM
7/22/2022	8:29:08	12.84	7.15	14.34	7.60	-0.4	-0.05
7/22/2022	8:30:08	12.83	7.19	13.81	10.30	-0.4	-0.05
7/22/2022	8:31:08	12.72	7.30	14.40	12.40	-0.4	-0.05
7/22/2022	8:32:08	12.40	7.41	14.25	2.80	-0.4	-0.05
7/22/2022	8:33:08	12.47	7.34	14.94	0.70	-0.4	-0.05
7/22/2022	8:34:09	12.29	7.48	14.29	3.70	-0.1	-0.05
7/22/2022	8:35:09	12.81	7.11	14.66	2.20	0.1	-0.05
7/22/2022	8:36:09	12.82	7.08	13.86	4.30	-0.1	-0.06
7/22/2022	8:37:09	12.99	6.83	13.84	3.30	-0.4	-0.05
7/22/2022	8:38:09	13.02	6.83	13.62	5.50	-0.4	-0.05
7/22/2022	8:39:09	13.05	6.78	13.07	11.60	-0.4	-0.05
7/22/2022	8:40:10	12.80	7.14	13.47	5.60	-0.4	-0.05
7/22/2022	8:41:10	13.39	6.63	13.00	3.10	-0.4	-0.05
7/22/2022	8:42:10	13.03	6.81	13.71	1.30	-0.4	-0.06
7/22/2022	8:43:10	13.56	6.29	13.66	3.00	-0.4	0.01
7/22/2022	8:44:10	13.82	6.08	14.64	3.90	-0.4	0.33
7/22/2022	8:45:10	13.66	6.20	13.75	11.00	-0.4	-0.05
7/22/2022	8:46:11	13.62	6.23	14.74	2.50	-0.4	-0.05
7/22/2022	8:47:11	13.70	6.19	13.62	7.70	-0.4	-0.05
7/22/2022	8:48:11	13.59	6.29	14.29	2.30	-0.4	-0.05
7/22/2022	8:49:11	13.32	6.41	14.77	1.60	-0.4	-0.05
PORT CHANGE							
7/22/2022	8:56:12	13.86	6.07	15.39	6.00	-0.3	-0.05
7/22/2022	8:57:13	13.83	6.06	15.06	7.10	-0.4	-0.05
7/22/2022	8:58:13	13.86	6.01	14.76	8.40	-0.5	-0.05
7/22/2022	8:59:13	13.95	5.98	14.56	9.50	-0.4	-0.05
7/22/2022	9:00:13	14.28	5.64	14.78	13.00	-0.4	-0.05
7/22/2022	9:01:13	13.79	6.10	13.39	4.60	-0.4	-0.05
7/22/2022	9:02:13	13.73	6.18	15.14	6.40	-0.4	-0.05
7/22/2022	9:03:14	13.81	6.11	14.62	3.20	-0.4	-0.05
7/22/2022	9:04:14	13.70	6.20	14.65	2.80	-0.4	-0.05
7/22/2022	9:05:14	13.71	6.21	14.97	2.00	-0.4	-0.05
7/22/2022	9:06:14	13.62	6.29	15.14	2.80	-0.4	-0.05
7/22/2022	9:07:14	13.99	5.97	14.46	5.40	-0.3	-0.06
7/22/2022	9:08:14	14.11	5.82	12.88	29.00	-0.4	-0.06
7/22/2022	9:09:15	14.12	5.82	12.90	31.00	-0.4	-0.05
7/22/2022	9:10:15	14.09	5.86	13.09	28.10	-0.4	-0.05
7/22/2022	9:11:15	14.23	5.71	12.60	41.40	-0.2	-0.05
7/22/2022	9:12:15	14.22	5.78	13.26	36.90	0.1	-0.05
7/22/2022	9:13:15	14.24	5.73	13.24	24.40	0.1	-0.05
7/22/2022	9:14:16	14.05	5.89	13.73	15.30	-0.4	-0.05
7/22/2022	9:15:16	14.01	5.97	14.00	11.80	-0.4	-0.05
7/22/2022	9:16:16	14.10	5.93	14.13	11.20	-0.4	-0.06
<b>AVERAGE</b>		<b>13.53</b>	<b>6.38</b>	<b>14.08</b>	<b>9.68</b>	<b>-0.3</b>	<b>-0.04</b>

RUN2 TIME	O <sub>2</sub> %	CO <sub>2</sub> %	NOx PPM	CO PPM	CH <sub>4</sub> PPM	VOC PPM
10:05:24	13.39	6.48	13.92	10.90	-0.4	-0.03
10:06:25	13.21	6.63	14.48	4.00	-0.4	-0.01
10:07:25	13.26	6.54	14.54	4.40	-0.4	-0.05
10:08:25	13.14	6.70	14.61	1.80	-0.4	-0.06
10:09:25	14.10	5.84	13.71	4.30	-0.4	-0.05
10:10:25	13.41	6.50	12.80	1.70	-0.4	-0.05
10:11:25	13.64	6.23	13.41	21.60	-0.4	-0.05
10:12:26	13.72	6.20	13.66	12.90	-0.3	-0.06
10:13:26	13.39	6.45	13.34	9.20	-0.4	-0.05
10:14:26	13.49	6.43	13.15	0.70	-0.4	-0.05
10:15:26	13.05	6.88	13.40	0.40	-0.4	-0.06
10:16:26	12.95	6.91	13.25	0.00	-0.4	-0.06
10:17:26	12.94	6.93	13.66	-0.10	-0.4	-0.05
10:18:27	12.88	6.93	13.38	0.00	-0.4	-0.05
10:19:27	13.01	6.86	13.85	0.10	-0.3	-0.04
10:20:27	13.35	6.62	13.85	0.60	-0.4	-0.05
10:21:27	13.26	6.73	16.81	2.10	-0.4	-0.05
10:22:27	13.14	6.91	17.31	1.50	-0.4	-0.05
10:23:28	13.47	6.60	14.25	86.40	0.3	-0.05
10:24:28	13.77	7.23	18.61	11.90	3.4	-0.05
PORT CHANGE						
10:32:29	14.44	5.47	12.71	28.40	0.2	0.78
10:33:29	14.40	5.53	13.32	38.70	-0.4	0.22
10:34:29	14.39	5.50	13.06	39.70	-0.4	-0.05
10:35:30	14.46	5.47	12.24	23.70	-0.2	-0.05
10:36:30	14.22	5.66	13.85	24.90	0.6	-0.05
10:37:30	14.25	5.65	13.53	22.30	0.4	-0.05
10:38:30	14.09	5.76	13.29	37.10	2.2	-0.05
10:39:30	14.31	5.63	13.36	38.70	0.2	-0.05
10:40:30	14.14	5.77	13.21	41.60	0.0	-0.05
10:41:31	13.77	6.13	13.69	21.70	-0.2	-0.05
10:42:31	13.74	6.15	14.83	2.50	-0.4	-0.05
10:43:31	13.85	6.02	13.89	9.90	-0.4	-0.05
10:44:31	13.57	6.31	15.09	4.20	-0.5	-0.05
10:45:31	13.52	6.29	15.21	0.70	-0.4	-0.05
10:46:32	13.82	6.08	15.27	1.70	-0.4	-0.05
10:47:32	13.76	6.09	14.31	5.50	-0.4	-0.05
10:48:32	13.57	6.28	13.86	0.90	-0.4	-0.05
10:49:32	13.56	6.29	13.31	0.20	-0.4	-0.05
10:50:32	14.12	5.79	13.00	0.90	-0.4	-0.05
10:51:32	14.62	5.34	12.91	3.70	-0.4	-0.05
10:52:33	14.14	5.78	12.84	10.00	-0.3	-0.04
<b>AVERAGE</b>	<b>13.67</b>	<b>6.23</b>	<b>13.95</b>	<b>13.10</b>	<b>-0.2</b>	<b>-0.02</b>

RUN3 TIME	O <sub>2</sub> %	CO <sub>2</sub> %	NOx PPM	CO PPM	CH <sub>4</sub> PPM	VOC PPM
11:15:37	12.78	6.92	14.44	0.30	0.6	-0.05
11:16:37	12.69	6.96	15.85	0.30	0.6	-0.05
11:17:37	12.76	6.82	15.43	0.70	0.0	-0.05
11:18:37	13.03	6.62	14.61	0.60	-0.4	-0.05
11:19:37	13.11	6.60	14.62	2.20	-0.4	-0.05
11:20:37	13.27	6.43	14.61	6.60	-0.4	-0.05
11:21:38	13.22	6.48	14.60	6.60	0.0	-0.05
11:22:38	13.38	6.32	14.28	9.60	-0.2	-0.05
11:23:38	13.94	5.91	13.83	10.00	-0.4	-0.05
11:24:38	14.00	5.81	13.18	14.20	-0.3	-0.05
11:25:38	13.93	5.91	13.77	4.90	-0.3	-0.05
11:26:38	13.90	5.88	13.43	16.50	-0.4	-0.05
11:27:39	13.51	6.27	14.33	4.40	-0.4	-0.05
11:28:39	13.35	6.38	14.05	0.80	-0.4	-0.05
11:29:39	13.55	6.27	14.09	0.20	-0.4	-0.05
11:30:39	13.70	6.07	12.74	2.10	-0.4	-0.05
11:31:39	13.56	6.20	13.83	3.70	-0.4	-0.05
11:32:40	13.15	6.60	15.37	6.20	-0.4	-0.05
11:33:40	13.22	6.37	17.55	0.40	-0.4	-0.04
11:34:40	13.20	6.56	17.36	0.90	-0.4	-0.04
11:35:40	13.34	6.44	17.16	1.40	-0.4	-0.06
PORT CHANGE						
11:43:41	14.88	5.05	13.94	12.80	-0.4	0.30
11:44:42	14.42	5.42	13.71	14.50	-0.3	-0.03
11:45:42	14.41	5.44	14.39	7.80	-0.4	-0.05
11:46:42	14.48	5.39	14.72	6.60	-0.4	-0.05
11:47:42	14.39	5.49	13.98	12.30	-0.4	-0.06
11:48:42	14.32	5.54	14.63	3.30	-0.5	-0.05
11:49:42	13.90	5.90	15.61	3.30	-0.4	-0.06
11:50:43	14.15	5.68	16.12	1.70	-0.4	-0.06
11:51:43	14.17	5.64	14.59	3.30	-0.3	-0.06
11:52:43	14.20	5.65	14.02	4.70	-0.4	-0.05
11:53:43	14.02	5.78	14.30	7.30	-0.5	-0.05
11:54:43	14.10	5.71	13.88	2.50	-0.3	-0.05
11:55:44	14.08	5.77	13.56	3.10	-0.4	-0.05
11:56:44	14.40	5.49	13.64	15.70	-0.1	-0.05
11:57:44	14.39	5.50	13.47	25.00	0.4	-0.05
11:58:44	14.14	5.69	13.19	15.30	-0.4	-0.05
11:59:44	13.89	5.92	13.52	2.30	-0.4	-0.05
12:00:44	13.83	5.96	13.65	0.60	-0.4	-0.05
12:01:45	13.70	6.10	14.12	0.20	-0.5	-0.05
12:02:45	13.52	6.26	13.93	0.00	-0.4	-0.06
12:03:45	13.22	6.58	15.09	-0.10	-0.4	-0.05
<b>AVERAGE</b>	<b>13.74</b>	<b>6.05</b>	<b>14.46</b>	<b>5.54</b>	<b>-0.3</b>	<b>-0.04</b>

RUN2 TIME	O <sub>2</sub> %	CO <sub>2</sub> %	NOx PPM	CO PPM	CH <sub>4</sub> PPM	VOC PPM
10:32:29	14.44	5.47	12.71	28.40	0.2	0.78
10:33:29	14.40	5.53	13.32	38.70	-0.4	0.22
10:34:29	14.39	5.50	13.06	39.70	-0.4	-0.05
10:35:30	14.46	5.47	12.24	23.70	-0.2	-0.05
10:36:30	14.22	5.66	13.85	24.90	0.6	-0.05
10:37:30	14.2					

Method 4 Sampling Data Sheet

Facility: Ox MINT Meter #: CM 2010 - 8 Pbar: 30.0  
 Location: A7 Yd: 0.9980 % O<sub>2</sub>: —  
 Date: 1-22-22 Pyrometer #: 05000093 % CO<sub>2</sub>: —  
 Personnel: [Signature] JLM 4-5 % H<sub>2</sub>O: —

500.2/500 JACO

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
8	729	123.722	53	38	5	1.7
7	5	127.13	54	40	5	1.7
6	10	130.5	54	40	5	1.7
5	15	134.0	54	40	5	1.7
PL	20	137.507	—	—	—	—
4	856	137.527	54	38	5	1.7
3	5	140.98	54	39	5	1.7
2	10	144.44	55	40	5	1.7
1	15	147.95	55	40	5	1.7
END	20	151.464	—	—	—	—

TOTAL/AVG 27.742 54.1

Initial Leak Check 70.003 CPM 12 "Hg  
 Final Leak Check 70.003 CPM 7 "Hg

	Initial	Final	Net
Impinger #1:	641.5	689.5	48
Impinger #2:	689.5	693.0	3.5
Impinger #3:	58.5	581.5	3
Silica Gel:	806.0	876.5	8.5
Total Net:			63
% Moisture:			—

154.832

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
8	1005	154.832	57	36	5	1.7
7	5	158.26	58	38	5	1.7
6	10	161.61	58	39	5	1.7
5	15	164.9	59	40	5	1.7
PL	20	168.715	—	—	—	—
4	1032	168.715	59	39	5	1.7
3	5	172.16	60	41	5	1.7
2	10	175.61	60	41	5	1.7
1	15	179.2	61	42	5	1.7
END	20	182.858	—	—	—	—

TOTAL/AVG 28.026 59.0

Initial Leak Check 70.003 CPM 15 "Hg  
 Final Leak Check 70.003 CPM 10 "Hg

	Initial	Final	Net
Impinger #1:	689.5	741.0	51.5
Impinger #2:	693.0	691.0	-2
Impinger #3:	581.5	580.0	-1.5
Silica Gel:	876.5	880.5	4
Total Net:			52
% Moisture:			—

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
8	1115	183.148	63	35	5	1.7
7	5	186.71	63	40	5	1.7
6	10	190.28	64	41	5	1.7
5	15	193.86	64	42	5	1.7
PL	20	197.487	—	—	—	—
4	1143	197.487	65	39	5	1.7
3	5	201.06	66	42	5	1.7
2	10	204.6	66	43	5	1.7
1	15	208.02	67	44	5	1.7
END	20	211.694	—	—	—	—

TOTAL/AVG 28.546 64.8

Initial Leak Check 70.003 CPM 15 "Hg  
 Final Leak Check 70.003 CPM 10 "Hg

	Initial	Final	Net
Impinger #1:	741.0	785.5	44.5
Impinger #2:	691.0	690.0	-1
Impinger #3:	580.0	580.5	.5
Silica Gel:	880.5	886.5	6
Total Net:			49
% Moisture:			—

Vw std = 0.00267 \* Vw \* (Tstd + 460) / 29.92

Vm std = Vm \* Yd \* (Tstd + 460) \* (Pb + (ΔH / 13.6)) / (Tm + 460) / 29

Stack Moisture H<sub>2</sub>O % = 100 \* Vw std / (Vw std + Vm std)

# Ox Mountain Landfill

DATE	TIME	O <sub>2</sub>		CO <sub>2</sub>		NOx		CO		CH <sub>4</sub>		VOC		ZERO SPAN	
		%		%		PPM		PPM		PPM	PPM		PPM		
7/21/2022	7:39:42	0.02	0.03	0.00	0.03	0.50	3.00	-0.12							
7/21/2022	7:49:44	20.10	12.40	12.40	22.71	124.40	442.7	43.75							
7/21/2022	7:58:45	14.56	8.22	12.69	12.69	85.30	244.3	24.78							
7/21/2022	7:59:45			12.13											
7/21/2022	8:00:46				11.78										
7/21/2022	8:01:46				11.95										
7/21/2022	8:02:46				11.96										
7/21/2022	8:03:46				11.97										
7/21/2022	8:04:46				11.94										
7/21/2022	8:05:46				11.95										
7/21/2022	8:06:47				11.98										
7/21/2022	8:15:48	20.10	12.31	12.31	0.08	0.20	0.10	14.78							
7/21/2022	8:19:49	0.01	0.02	12.62											
7/21/2022	8:24:50					85.30									

DATE	TIME	O <sub>2</sub>		CO <sub>2</sub>		NOx		CO		CH <sub>4</sub>		VOC	
		%		%		PPM		PPM		PPM	PPM		
7/21/2022	9:14:58	16.59	3.80	3.80	6.33	39.40	31.6	0.27					
7/21/2022	9:15:59	16.54	3.87	6.41	6.94	37.40	34.0	0.40					
7/21/2022	9:16:59	16.26	4.10	6.94	38.30	30.1	0.55						
7/21/2022	9:17:59	16.18	4.18	7.33	39.70	28.1	0.15						
7/21/2022	9:18:59	16.09	4.27	7.47	39.20	27.0	0.26						
7/21/2022	9:19:59	15.96	4.38	7.79	45.90	25.3	0.23						
7/21/2022	9:20:59	16.11	4.24	7.26	48.70	31.6	0.20						
7/21/2022	9:22:00	16.17	4.22	7.07	48.80	39.0	0.38						
7/21/2022	9:23:00	16.21	4.18	7.67	47.10	36.6	0.59						
7/21/2022	9:24:00	16.07	4.27	8.91	47.50	39.1	0.57						
7/21/2022	9:25:00	15.80	4.54	9.88	48.00	30.0	0.57						
7/21/2022	9:26:00	15.66	4.63	11.17	48.00	30.6	0.35						
7/21/2022	9:27:00	16.12	4.24	10.85	47.40	32.6	0.45						
7/21/2022	9:28:01	15.98	4.38	10.31	48.10	34.2	0.55						
7/21/2022	9:29:01	15.98	4.38	10.49	48.30	33.7	0.52						
7/21/2022	9:30:01	15.45	4.84	11.01	51.90	29.9	0.40						
7/21/2022	9:31:01	15.63	4.69	11.20	59.10	27.7	0.13						
7/21/2022	9:32:01	15.51	4.81	11.46	59.00	37.6	0.17						
7/21/2022	9:33:02	15.54	4.74	11.52	57.80	28.2	0.32						
7/21/2022	9:34:02	15.48	4.84	11.72	57.70	43.7	0.15						
7/21/2022	9:35:02	15.66	4.69	11.37	63.50	47.2	0.51						

PORT CHANGE															
DATE	TIME	O <sub>2</sub>	CO <sub>2</sub>	NOx	CO	CH <sub>4</sub>	VOC								
		%		PPM	PPM	PPM	PPM								
7/21/2022	9:43:03	13.72	6.42	14.39	27.40	14.1	0.12								
7/21/2022	9:44:03	13.74	6.39	15.43	17.50	2.6	0.28								
7/21/2022	9:45:04	13.51	6.63	16.65	13.10	1.7	0.02								
7/21/2022	9:46:04	13.34	6.78	17.77	12.70	1.2	0.33								
7/21/2022	9:47:04	13.81	6.38	17.58	13.00	2.4	-0.06								
7/21/2022	9:48:04	13.81	6.33	16.81	15.40	2.0	-0.05								
7/21/2022	9:49:04	13.62	6.46	17.44	14.30	1.9	-0.05								
7/21/2022	9:50:04	13.78	6.34	17.86	14.10	2.6	-0.06								
7/21/2022	9:51:05	13.79	6.29	17.11	17.40	2.9	-0.05								
7/21/2022	9:52:05	13.62	6.47	17.79	14.90	3.9	-0.05								
7/21/2022	9:53:05	13.58	6.47	18.07	14.50	5.0	-0.05								
7/21/2022	9:54:05	13.61	6.51	18.23	13.80	4.1	-0.05								
7/21/2022	9:55:05	13.68	6.40	17.88	15.60	3.2	-0.06								
7/21/2022	9:56:06	13.68	6.43	17.36	16.20	5.2	-0.06								
7/21/2022	9:57:06	13.21	5.06	15.12	45.30	16.8	-0.05								
7/21/2022	9:58:06	15.16	5.09	11.90	70.80	36.2	-0.05								
7/21/2022	9:59:06	15.24	5.02	11.79	70.80	42.4	0.57								
7/21/2022	10:00:06	15.25	5.01	11.69	75.50	40.0	0.50								
7/21/2022	10:01:06	15.03	5.22	12.11	67.30	39.1	0.52								
7/21/2022	10:02:07	14.98	5.27	12.54	63.60	32.4	0.38								
7/21/2022	10:03:07	15.03	5.24	12.48	65.10	28.1	0.16								
<b>AVERAGE</b>		<b>15.05</b>	<b>5.20</b>	<b>12.43</b>	<b>40.45</b>	<b>23.5</b>	<b>0.24</b>								

DATE	TIME	O <sub>2</sub>	CO <sub>2</sub>	NOx	CO	CH <sub>4</sub>	VOC
7/21/2022	10:16:09	20.15	12.55	0.70	0.20	-0.40	-0.06
7/21/2022	10:22:10	0.03	0.03	12.97			
7/21/2022	10:26:11				85.30		
7/21/2022	10:30:11					152.8	15.41

# Flare (A-9)

DATE	TIME	O <sub>2</sub>		CO <sub>2</sub>		NOx		CO		CH <sub>4</sub>		VOC	
		%		%		PPM		PPM		PPM	PPM		
10/58/13	13:87	13.87	6.16	15.75	22.20	4.8	-0.04						
10/59/13	13:95	6.08	15.91	19.70	5.8	-0.05							
10/40/13	13:72	6.30	16.05	19.10	4.5	-0.05							
10/41/13	13:61	6.41	16.87	16.80	3.8	-0.05							
10/42/14	13:68	6.35	16.85	18.00	4.3	-0.05							
10/43/14	13:75	6.31	16.95	17.30	4.4	-0.05							
10/44/14	13:96	6.10	16.82	22.60	7.8	-0.05							
10/45/14	14:33	5.81	15.08	38.70	13.4	-0.05							
10/46/14	14:10	5.97	14.88	43.70	11.6	-0.05							
10/47/14	14:30	5.80	14.89	43.60	15.0	-0.05							
10/48/15	14:32	5.80	14.38	47.80	20.9	-0.05							
10/49/15	14:19	5.91	14.81	42.60	15.2	-0.05							
10/50/15	14:34	5.81	14.64	41.80	11.3	-0.05							
10/51/15	14:56	5.56	14.04	48.60	13.6	-0.05							
10/52/15	14:56	5.58	13.94	45.90	17.0	-0.06							
10/53/15	14:63	5.52	13.68	50.20	19.3	-0.04							
10/54/16	14:72	5.43	13.37	51.70	24.5	0.06							
10/55/16	14:73	5.43	13.30	50.20	28.7	0.06							
10/56/16	14:85	5.33	13.07	55.00	26.7	-0.03							
10/57/16	14:85	5.33	12.90	59.70	37.2	0.10							
10/58/16	14:84	5.35	12.89	60.60	40.2	0.46							

PORT CHANGE															
DATE	TIME	O <sub>2</sub>	CO <sub>2</sub>	NOx	CO	CH <sub>4</sub>	VOC								
		%		PPM	PPM	PPM	PPM								
11/05/18	15:98	4.33	10.34	43.70	33.9	0.97									
11/06/18	15:86	4.42	10.72	46.20	31.1	0.20									
11/07/18	15:91	4.39	10.89	49.10	28.7	0.01									
11/08/18	15:98	4.30	10.88	46.40	27.4	0.13									
11/09/18	16:05	4.26	10.65	47.50	37.3	0.03									
11/10/18	16:15	4.18	10.57	46.20	39.1	0.55									
11/11/19	16:20	4.13	10.32	49.00	40.9	0.46									
11/12/19	16:14	4.14	10.29	91.20	71.2	0.57									
11/13/19	15:84	4.43	10.69	111.90	107.8	1.72									
11/14/19	15:74	4.52	11.22	107.40	96.5	2.07									
11/15/19	15:74	4.55	11.52	101.50	52.5	1.46									
11/16/19	15:75	4.49	10.88	113.40	71.2	1.15									
11/17/20	15:40	4.80	11.47	118.90	126.8	1.91									
11/18/20	15:35	4.86	11.48	105.00	100.6	2.98									



Method 4 Sampling Data Sheet

Facility: Qx MPT Meter #: CM-2010-8 Pbar: 30.0  
 Location: 19 Yd: 0.9980 % O<sub>2</sub>: —  
 Date: 7-21-22 Pyrometer #: 05000073 % CO<sub>2</sub>: —  
 Personnel: JYE JCMY-5 % H<sub>2</sub>O: —

500.2/500 TAAG

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
8	9:15	34.84	50	44	5	1.7
7	5	39.41	51	44	5	1.7
6	10	43.83	51	43	5	1.7
5	15	46.6	52	42	5	1.7
PC	20	050.299	—	—	—	—
4	9:43	050.299	53	41	5	1.7
3	5	053.8	53	41	5	1.7
2	10	057.38	53	42	5	1.7
1	15	060.99	53	42	5	1.7
END	20	064.68	—	—	—	—
TOTAL/AVG		29.769	52			

Initial Leak Check 70.003 CFM 10 "Hg  
 Final Leak Check 70.003 CFM 6 "Hg

	Initial	Final	Net
Impinger #1:	658.0	694.0	36
Impinger #2:	694.5	692.5	-2
Impinger #3:	582.0	580.5	-1.5
Silica Gel:	855.0	862.0	7
Total Net:			39.5
% Moisture			—

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
8	10:48	64.954	54	41	5	1.7
7	5	68.4	54	41	5	1.7
6	10	71.88	54	42	5	1.7
5	15	75.37	55	42	5	1.7
PC	20	78.959	—	—	—	—
4	11:05	78.959	55	37	5	1.7
3	5	82.4	55	39	5	1.7
2	10	85.90	55	40	5	1.7
1	15	89.38	56	40	5	1.7
END	20	92.877	—	—	—	—
TOTAL/AVG		27.923	54.8			

Initial Leak Check 70.003 CFM 12 "Hg  
 Final Leak Check 70.003 CFM 6 "Hg

	Initial	Final	Net
Impinger #1:	694.0	729.0	35
Impinger #2:	692.5	690.5	-2
Impinger #3:	580.5	579.5	-1
Silica Gel:	862.0	866.0	4
Total Net:			36
% Moisture			—

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
8	11:55	93.385	58	29	5	1.7
7	5	96.98	58	35	5	1.7
6	10	100.5	58	42	5	1.7
5	15	104.1	59	41	5	1.7
PC	20	107.835	—	—	—	—
4	12:22	107.835	60	44	5	1.7
3	5	111.34	60	46	5	1.7
2	10	114.88	61	46	5	1.7
1	15	118.3	61	47	5	1.7
END	20	122.039	—	—	—	—
TOTAL/AVG		76.654	59.4			

Initial Leak Check 70.003 CFM 12 "Hg  
 Final Leak Check 70.003 CFM 6 "Hg

	Initial	Final	Net
Impinger #1:	719.0	767.0	38
Impinger #2:	690.5	689.5	-1
Impinger #3:	579.5	578.5	-1
Silica Gel:	866.0	868.0	2
Total Net:			38
% Moisture			—

Vw std = 0.00267 \* Vw \* (Tstd + 460) / 29.92  
 Vm std = Vm \* Yd \* (Tstd + 460) \* (Pb + (ΔH / 13.6)) / (Tm + ...)  
 Stack Moisture H<sub>2</sub>O % = 100 \* Vw std / (Vw std + Vm std)

**Ox Mountain Landfill  
Half-Moon Bay, CA  
A-7**

Date	Time	CH02 1 SCFM		CH05 1 Deg. F	
		MIN	MAX	MIN	MAX
<b>Run #1</b>					
2022/07/22	08:30:00	1,290	1,349	1,505	1,520
2022/07/22	08:32:00	1,274	1,349	1,513	1,523
2022/07/22	08:34:00	1,288	1,378	1,515	1,550
2022/07/22	08:36:00	1,339	1,386	1,547	1,560
2022/07/22	08:38:00	1,323	1,380	1,531	1,549
2022/07/22	08:40:00	1,336	1,380	1,518	1,537
2022/07/22	08:42:00	1,333	1,372	1,498	1,518
2022/07/22	08:44:00	1,325	1,370	1,481	1,499
2022/07/22	08:46:00	1,325	1,369	1,477	1,485
2022/07/22	08:48:00	1,316	1,379	1,481	1,526
2022/07/22	08:50:00	1,333	1,385	1,516	1,528
2022/07/22	08:52:00	1,318	1,369	1,497	1,516
2022/07/22	08:54:00	1,290	1,372	1,477	1,497
2022/07/22	08:56:00	1,317	1,361	1,479	1,497
2022/07/22	08:58:00	1,303	1,365	1,489	1,502
2022/07/22	09:00:00	1,306	1,358	1,486	1,506
2022/07/22	09:02:00	1,302	1,354	1,483	1,500
2022/07/22	09:04:00	1,309	1,357	1,485	1,504
2022/07/22	09:06:00	1,299	1,358	1,487	1,511
2022/07/22	09:08:00	1,306	1,363	1,482	1,502
2022/07/22	09:10:00	1,321	1,367	1,502	1,518
2022/07/22	09:12:00	1,311	1,364	1,502	1,518
2022/07/22	09:14:00	1,296	1,358	1,499	1,514
2022/07/22	09:16:00	1,310	1,368	1,499	1,507
<b>Average</b>		<b>1,339</b>		<b>1,507</b>	
<b>Run #2</b>					
2022/07/22	10:06:00	1,288	1,370	1,488	1,507
2022/07/22	10:08:00	1,266	1,381	1,485	1,510
2022/07/22	10:10:00	1,334	1,387	1,499	1,512
2022/07/22	10:12:00	1,322	1,381	1,493	1,506
2022/07/22	10:14:00	1,326	1,374	1,494	1,504
2022/07/22	10:16:00	1,299	1,360	1,491	1,503
2022/07/22	10:18:00	1,295	1,392	1,483	1,515
2022/07/22	10:20:00	1,321	1,390	1,493	1,514
2022/07/22	10:22:00	1,302	1,370	1,491	1,502
2022/07/22	10:24:00	1,320	1,381	1,494	1,512
2022/07/22	10:26:00	1,324	1,390	1,505	1,518
2022/07/22	10:28:00	1,334	1,385	1,488	1,506
2022/07/22	10:30:00	1,323	1,379	1,486	1,491
2022/07/22	10:32:00	1,316	1,362	1,488	1,494
2022/07/22	10:34:00	1,317	1,372	1,491	1,502
2022/07/22	10:36:00	1,310	1,365	1,492	1,506
2022/07/22	10:38:00	1,304	1,369	1,491	1,500
2022/07/22	10:40:00	1,321	1,374	1,448	1,514
2022/07/22	10:42:00	1,330	1,381	1,496	1,518
2022/07/22	10:44:00	1,343	1,382	1,512	1,516
2022/07/22	10:46:00	1,332	1,381	1,510	1,518
2022/07/22	10:48:00	1,347	1,394	1,502	1,515
2022/07/22	10:50:00	1,345	1,390	1,501	1,512
2022/07/22	10:52:00	1,356	1,398	1,504	1,511
<b>Average</b>		<b>1,350</b>		<b>1,501</b>	
<b>Run #3</b>					
2022/07/22	11:16:00	1,334	1,385	1,483	1,508
2022/07/22	11:18:00	1,302	1,383	1,480	1,506
2022/07/22	11:20:00	1,318	1,382	1,491	1,504
2022/07/22	11:22:00	1,319	1,381	1,492	1,512
2022/07/22	11:24:00	1,313	1,383	1,512	1,528
2022/07/22	11:26:00	1,323	1,376	1,510	1,525
2022/07/22	11:28:00	1,321	1,382	1,510	1,518
2022/07/22	11:30:00	1,287	1,386	1,510	1,523
2022/07/22	11:32:00	1,365	1,428	1,510	1,537
2022/07/22	11:34:00	1,345	1,410	1,508	1,529
2022/07/22	11:36:00	1,355	1,402	1,496	1,512
2022/07/22	11:38:00	1,340	1,412	1,494	1,506
2022/07/22	11:40:00	1,343	1,396	1,493	1,504
2022/07/22	11:42:00	1,350	1,392	1,483	1,496
2022/07/22	11:44:00	1,346	1,394	1,494	1,511
2022/07/22	11:46:00	1,304	1,389	1,499	1,513
2022/07/22	11:48:00	1,321	1,375	1,484	1,502
2022/07/22	11:50:00	1,325	1,372	1,501	1,507
2022/07/22	11:52:00	1,303	1,370	1,497	1,506
2022/07/22	11:54:00	1,312	1,383	1,495	1,506
2022/07/22	11:56:00	1,310	1,376	1,488	1,508
2022/07/22	11:58:00	1,291	1,377	1,501	1,511
2022/07/22	12:00:00	1,299	1,369	1,486	1,501
2022/07/22	12:02:00	1,306	1,369	1,490	1,504
<b>Average</b>		<b>1,354</b>		<b>1,504</b>	

**Ox Mountain Landfill  
Half-Moon Bay, CA  
A-9**

Date	Time	CH02 1 SCFM		CH05 1 Deg. F	
		MIN	MAX	MIN	MAX
<b>Run #1</b>					
2022/07/21	09:14:00	1,472	1,564	1,569	1,585
2022/07/21	09:16:00	1,477	1,563	1,577	1,592
2022/07/21	09:18:00	1,477	1,561	1,592	1,598
2022/07/21	09:20:00	1,474	1,554	1,583	1,597
2022/07/21	09:22:00	1,471	1,562	1,571	1,583
2022/07/21	09:24:00	1,479	1,574	1,573	1,609
2022/07/21	09:26:00	1,470	1,559	1,584	1,609
2022/07/21	09:28:00	1,473	1,565	1,584	1,593
2022/07/21	09:30:00	1,472	1,562	1,583	1,598
2022/07/21	09:32:00	1,479	1,560	1,588	1,597
2022/07/21	09:34:00	1,481	1,563	1,586	1,595
2022/07/21	09:36:00	1,477	1,563	1,574	1,587
2022/07/21	09:38:00	1,493	1,579	1,581	1,591
2022/07/21	09:40:00	1,507	1,595	1,583	1,595
2022/07/21	09:42:00	1,493	1,589	1,579	1,593
2022/07/21	09:44:00	1,483	1,576	1,581	1,593
2022/07/21	09:46:00	1,469	1,554	1,578	1,594
2022/07/21	09:48:00	1,457	1,537	1,573	1,583
2022/07/21	09:50:00	1,413	1,498	1,569	1,581
2022/07/21	09:52:00	1,407	1,479	1,577	1,584
2022/07/21	09:54:00	1,400	1,482	1,574	1,585
2022/07/21	09:56:00	1,405	1,477	1,584	1,588
2022/07/21	09:58:00	1,405	1,478	1,578	1,596
2022/07/21	10:00:00	1,400	1,478	1,568	1,578
2022/07/21	10:02:00	1,417	1,498	1,573	1,588
<b>Average</b>		<b>1,500</b>		<b>1,585</b>	
<b>Run #2</b>					
2022/07/21	10:38:00	1,403	1,480	1,580	1,591
2022/07/21	10:40:00	1,395	1,481	1,586	1,591
2022/07/21	10:42:00	1,392	1,469	1,586	1,599
2022/07/21	10:44:00	1,396	1,462	1,570	1,594
2022/07/21	10:46:00	1,392	1,469	1,580	1,589
2022/07/21	10:48:00	1,401	1,470	1,577	1,589
2022/07/21	10:50:00	1,398	1,480	1,582	1,596
2022/07/21	10:52:00	1,401	1,474	1,590	1,597
2022/07/21	10:54:00	1,403	1,486	1,590	1,594
2022/07/21	10:56:00	1,394	1,472	1,581	1,591
2022/07/21	10:58:00	1,382	1,456	1,576	1,589
2022/07/21	11:00:00	1,380	1,461	1,588	1,598
2022/07/21	11:02:00	1,376	1,463	1,580	1,595
2022/07/21	11:04:00	1,366	1,442	1,577	1,586
2022/07/21	11:06:00	1,347	1,424	1,586	1,598
2022/07/21	11:08:00	1,365	1,439	1,591	1,600
2022/07/21	11:10:00	1,371	1,443	1,573	1,591
2022/07/21	11:12:00	1,352	1,442	1,570	1,602
2022/07/21	11:14:00	1,379	1,451	1,602	1,607
2022/07/21	11:16:00	1,354	1,454	1,584	1,604
2022/07/21	11:18:00	1,365	1,449	1,585	1,593
2022/07/21	11:20:00	1,355	1,448	1,580	1,585
2022/07/21	11:22:00	1,343	1,410	1,582	1,596
2022/07/21	11:24:00	1,328	1,419	1,581	1,598
<b>Average</b>		<b>1,416</b>		<b>1,589</b>	
<b>Run #3</b>					
2022/07/21	11:56:00	1,327	1,412	1,577	1,583
2022/07/21	11:58:00	1,326	1,399	1,581	1,592
2022/07/21	12:00:00	1,318	1,386	1,577	1,589
2022/07/21	12:02:00	1,297	1,381	1,574	1,577
2022/07/21	12:04:00	1,296	1,379	1,577	1,587
2022/07/21	12:06:00	1,291	1,367	1,586	1,606
2022/07/21	12:08:00	1,265	1,334	1,590	1,604
2022/07/21	12:10:00	1,264	1,329	1,588	1,598
2022/07/21	12:12:00	1,270	1,330	1,588	1,604
2022/07/21	12:14:00	1,265	1,331	1,584	1,595
2022/07/21	12:16:00	1,255	1,329	1,590	1,602
2022/07/21	12:18:00	1,264	1,329	1,586	1,598
2022/07/21	12:20:00	1,262	1,335	1,585	1,590
2022/07/21	12:22:00	1,258	1,333	1,583	1,594
2022/07/21	12:24:00	1,279	1,340	1,585	1,594
2022/07/21	12:26:00	1,300	1,365	1,583	1,597
2022/07/21	12:28:00	1,307	1,387	1,575	1,591
2022/07/21	12:30:00	1,323	1,402	1,589	1,611
2022/07/21	12:32:00	1,326	1,403	1,590	1,611
2022/07/21	12:34:00	1,322	1,399	1,572	1,590
2022/07/21	12:36:00	1,313	1,394	1,575	1,586
2022/07/21	12:38:00	1,286	1,365	1,585	1,604
2022/07/21	12:40:00	1,295	1,360	1,576	1,603
2022/07/21	12:42:00	1,297	1,381	1,573	1,594
<b>Average</b>		<b>1,329</b>		<b>1,589</b>	

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI77E15A4189	Reference Number: 153-402341114-1
Cylinder Number: EB0141295	Cylinder Volume: 150.3 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72022	Valve Outlet: 590
Gas Code: CO2,O2,BALN	Certification Date: Jan 31, 2022

**Expiration Date: Jan 31, 2030**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
CARBON DIOXIDE	8.250 %	8.175 %	G1	+/- 0.7% NIST Traceable	01/31/2022
OXYGEN	14.50 %	14.52 %	G1	+/- 1.3% NIST Traceable	01/31/2022
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	13060405	CC411744	7.489 % CARBON DIOXIDE/NITROGEN	0.6%	May 14, 2025
NTRM	98051010	SG9161286BAL	12.05 % OXYGEN/NITROGEN	0.7%	Dec 14, 2023

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Horiba VIA-510 SV4MEUTJ CO2	CO2 NDIR (Dixon)	Jan 20, 2022
Horiba MPA-510 W603MM58 O2	O2 Paramagnetic (Mason)	Jan 27, 2022

Triad Data Available Upon Request



Signature on file

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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI67E15A4187	Reference Number: 153-402016147-1
Cylinder Number: CC406137	Cylinder Volume: 146.2 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72021	Valve Outlet: 590
Gas Code: CO2,O2,BALN	Certification Date: Jan 29, 2021

**Expiration Date: Jan 29, 2029**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
CARBON DIOXIDE	12.50 %	12.45 %	G1	+/- 0.7% NIST Traceable	01/29/2021
OXYGEN	20.50 %	20.15 %	G1	+/- 0.3% NIST Traceable	01/29/2021
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	13060802	CC411741	13.359 % CARBON DIOXIDE/NITROGEN	0.6%	May 14, 2025
NTRM	12062008	CC367433	22.883 % OXYGEN/NITROGEN	0.2%	May 14, 2024

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Horiba VIA-510 SV4MEUTJ CO2	CO2 NDIR (Dixon)	Jan 04, 2021
Horiba MPA-510 W603MM58 O2	O2 Paramagnetic (Mason)	Jan 04, 2021

Triad Data Available Upon Request

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Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI99E15A1274	Reference Number: 153-402323101-1
Cylinder Number: EB0096968	Cylinder Volume: 144.3 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72022	Valve Outlet: 660
Gas Code: CO,NO,NOX,BALN	Certification Date: Jan 17, 2022

**Expiration Date: Jan 17, 2025**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	12.50 PPM	12.70 PPM	G1	+/- 1.4% NIST Traceable	01/10/2022, 01/17/2022
CARBON MONOXIDE	12.50 PPM	12.61 PPM	G1	+/- 1.1% NIST Traceable	01/10/2022
NITRIC OXIDE	12.50 PPM	12.55 PPM	G1	+/- 1.4% NIST Traceable	01/10/2022, 01/17/2022
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12062857	CC401933	9.82 PPM CARBON MONOXIDE/NITROGEN	1.0%	Feb 12, 2024
NTRM	12010213	AAL073520	10.04 PPM NITRIC OXIDE/NITROGEN	1.0%	Oct 16, 2022
NTRM	12010213	AAL073520-NOX	10.04 PPM NOx/NITROGEN	1.0%	Oct 16, 2022

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Thermo 48i-TLE 1163640031 CO	CO NDIR (Mason)	Jan 03, 2022
Thermo 42i-LS 1123749327 NO	Chemiluminescence (Mason)	Jan 04, 2022
Thermo 42i-LS 1123749327 NOx	Chemiluminescence (Mason)	Jan 04, 2022

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI99E15AC356	Reference Number: 153-401587745-1
Cylinder Number: EB0071568	Cylinder Volume: 144.3 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72019	Valve Outlet: 660
Gas Code: CO,NO,NOX,BALN	Certification Date: Sep 19, 2019

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS					
Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	22.50 PPM	22.66 PPM	G1	+/- 1% NIST Traceable	09/10/2019, 09/19/2019
CARBON MONOXIDE	22.50 PPM	22.48 PPM	G1	+/- 0.4% NIST Traceable	09/12/2019
NITRIC OXIDE	22.50 PPM	22.65 PPM	G1	+/- 1% NIST Traceable	09/10/2019, 09/19/2019
NITROGEN	Balance				

CALIBRATION STANDARDS					
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	15010203	KAL003073	24.35 PPM CARBON MONOXIDE/NITROGEN	0.3%	Sep 04, 2021
NTRM	12010422	ND44485	19.94 PPM NITRIC OXIDE/NITROGEN	1.1%	Dec 14, 2019
NTRM	12010424	ND44764	19.94 PPM NITRIC OXIDE/NITROGEN	1.1%	Dec 14, 2019
NTRM	12010422	ND44485-NOX	19.94 PPM NOx/NITROGEN	1.1%	Dec 14, 2019
NTRM	12010424	ND44764-NOX	19.94 PPM NOx/NITROGEN	1.1%	Dec 14, 2019

ANALYTICAL EQUIPMENT		
Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Thermo 48i-TLE 1163640031 CO	CO NDIR (Mason)	Aug 19, 2019
Thermo 42i-LS 1123749327 NO	Chemiluminescence (Mason)	Sep 05, 2019
Thermo 42i-LS 1123749327 NOx	Chemiluminescence (Mason)	Sep 05, 2019

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number:	E03NI99E15A0457	Reference Number:	153-402151731-1
Cylinder Number:	CC301607	Cylinder Volume:	144.3 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72021	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	Jul 13, 2021

**Expiration Date: Jul 13, 2029**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	85.00 PPM	87.99 PPM	G1	+/- 1.0% NIST Traceable	07/06/2021, 07/13/2021
CARBON MONOXIDE	85.00 PPM	86.62 PPM	G1	+/- 0.7% NIST Traceable	07/06/2021
NITRIC OXIDE	85.00 PPM	87.98 PPM	G1	+/- 1.0% NIST Traceable	07/06/2021, 07/13/2021
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12011236	KAL004576	49.24 PPM CARBON MONOXIDE/NITROGEN	0.6%	Aug 31, 2024
PRM	12386	D685025	9.91 PPM NITROGEN DIOXIDE/AIR	2.0%	Feb 20, 2020
NTRM	20061011	CC733024	98.61 PPM NITRIC OXIDE/NITROGEN	0.9%	Oct 06, 2026
GMIS	401648675102	CC500959	5.074 PPM NITROGEN DIOXIDE/NITROGEN	2.1%	Feb 01, 2023

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet iS50 AUP2010228 CO LCO	FTIR	Jun 23, 2021
Nicolet iS50 AUP2010228 NO LNO	FTIR	Jul 08, 2021
Nicolet iS50 AUP2010228 NO2 impurity	FTIR NO2 impurity	Jul 09, 2021

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI99E15A0362	Reference Number: 153-401853952-1
Cylinder Number: CC222156	Cylinder Volume: 144.4 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72020	Valve Outlet: 660
Gas Code: CO,NO,NOX,BALN	Certification Date: Jul 20, 2020

**Expiration Date: Jul 20, 2028**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	125.0 PPM	126.9 PPM	G1	+/- 0.9% NIST Traceable	07/13/2020, 07/20/2020
CARBON MONOXIDE	125.0 PPM	124.2 PPM	G1	+/- 0.7% NIST Traceable	07/13/2020
NITRIC OXIDE	125.0 PPM	126.6 PPM	G1	+/- 0.9% NIST Traceable	07/13/2020, 07/20/2020
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	09010219	KAL004817	98.48 PPM CARBON MONOXIDE/NITROGEN	0.5%	Oct 16, 2024
PRM	12376	D562879	10.01 PPM NITROGEN DIOXIDE/NITROGEN	2.0%	Aug 17, 2018
NTRM	13010403	KAL003411	97.6 PPM NITRIC OXIDE/NITROGEN	0.8%	Jul 23, 2025
PRM	12386	D685025	9.91 PPM NITROGEN DIOXIDE/AIR	2.0%	Feb 20, 2020
GMIS	7302017111	CC511391	4.634 PPM NITROGEN DIOXIDE/NITROGEN	2.0%	Aug 15, 2021
GMIS	401203436105	CC513880	4.732 PPM NITROGEN DIOXIDE/NITROGEN	2.1%	May 02, 2022

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801550 CO LCO	FTIR	Jul 01, 2020
Nicolet 6700 AHR0801550 NO LNO	FTIR	Jul 15, 2020
Nicolet 6700 AHR0801550 NO2 impurity	FTIR NO2 impurity	Jul 16, 2020

Triad Data Available Upon Request



Signature on file  
Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number:	E03AI99E15A0082	Reference Number:	153-401800646-1
Cylinder Number:	CC79070	Cylinder Volume:	146.2 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72020	Valve Outlet:	590
Gas Code:	CH4,PPN,BALA	Certification Date:	May 05, 2020

**Expiration Date: May 05, 2028**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS						
Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates	
PROPANE	15.00 PPM	15.11 PPM $\times 3 = 45.33$	G1	+/- 1.4% NIST Traceable	05/05/2020	
METHANE	450.0 PPM	451.3 PPM	G1	+/- 1.2% NIST Traceable	05/04/2020	
AIR	Balance	THC = 496.63		-		

CALIBRATION STANDARDS					
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	17060920	ND61604	9.8 PPM PROPANE/AIR	0.5%	Jul 24, 2023
NTRM	16060403	CC471121	500.5 PPM METHANE/AIR	0.6%	Nov 20, 2021

ANALYTICAL EQUIPMENT		
Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AMP0900119 CH4 M1CH4	FTIR	Apr 08, 2020
MKS FTIR C3H8 018143349	FTIR	Apr 14, 2020

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03AI99E15A0080	Reference Number: 153-402016119-1
Cylinder Number: CC734840	Cylinder Volume: 146.2 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72021	Valve Outlet: 590
Gas Code: CH4,PPN,BALA	Certification Date: Feb 02, 2021

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	5.000 PPM	5.101 PPM	G1	+/- 1.4% NIST Traceable	02/02/2021
METHANE	150.0 PPM	150.7 PPM	G1	+/- 0.7% NIST Traceable	02/01/2021
AIR	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	17060910	ND61548	9.800 PPM PROPANE/AIR	0.5%	Jul 24, 2023
NTRM	16060812	CC471305	98.84 PPM METHANE/AIR	0.6%	Mar 28, 2022

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AMP0900119 CH4 M1CH4	FTIR	Jan 21, 2021
MKS FTIR C3H8 018143349	FTIR	Jan 21, 2021

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number:	E03AI99E15A0081	Reference Number:	153-401926037-1
Cylinder Number:	AAL071264	Cylinder Volume:	146.2 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72020	Valve Outlet:	590
Gas Code:	CH4,PPN,BALA	Certification Date:	Oct 12, 2020

**Expiration Date: Oct 12, 2028**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	8.500 PPM	8.438 PPM x3 = 25.314	G1	+/- 1.0% NIST Traceable	10/12/2020
METHANE	250.0 PPM	249.5 PPM	G1	+/- 0.7% NIST Traceable	10/12/2020
AIR	Balance	THC = 274.814		-	

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	17060920	ND61604	9.8 PPM PROPANE/AIR	0.5%	Jul 24, 2023
NTRM	08011514	K021368	246.7 PPM METHANE/AIR	0.6%	May 15, 2025

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AMP0900119 CH4 M1CH4	FTIR	Oct 02, 2020
MKS FTIR C3H8 018143349	FTIR	Sep 30, 2020

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number:	E03NI99E15W0021	Reference Number:	54-401874351-1
Cylinder Number:	CC513361	Cylinder Volume:	144.4 CF
Laboratory:	124 - Chicago (SAP) - IL	Cylinder Pressure:	2015 PSIG
PGVP Number:	B12020	Valve Outlet:	660
Gas Code:	NO2,O2,BALN	Certification Date:	Aug 19, 2020

**Expiration Date: Aug 19, 2023**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NITROGEN DIOXIDE	12.00 PPM	12.59 PPM	G1	+/- 2.1% NIST Traceable	08/03/2020, 08/19/2020
NITROGEN	Balance			-	

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
GMIS	7042010104	CC500333	15 PPM NITROGEN DIOXIDE/NITROGEN	+/- 2.1%	Jul 03, 2022
PRM	12386	D685025	9.91 PPM NITROGEN DIOXIDE/AIR	+/- 2.0%	Feb 20, 2020

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
MKS FTIR NO2 017707558	FTIR	Aug 14, 2020

Triad Data Available Upon Request



Signature on file

Approved for Release

## METHOD 5 DRY GAS METER CALIBRATION USING CRITICAL ORIFICES

- 1) Select three critical orifices to calibrate the dry gas meter which bracket the expected operating range.
- 2) Record barometric pressure before and after calibration procedure.
- 3) Run at tested vacuum (from Orifice Calibration Report), for a period of time necessary to achieve a minimum total volume of 5 cubic feet.
- 4) Record readings in outlined boxes below, other columns are automatically calculated.

DATE: 7/11/22		SERVICED Meter 7-1-22		INITIAL	FINAL	AVG (P <sub>bar</sub> )	IF Y VARIATION EXCEEDS 2.00%, ORIFICE SHOULD BE RECALIBRATED		
METER PART #: CM-2010-8		METER SERIAL #: 931219		BAROMETRIC PRESSURE (in Hg):		30.07			
CRITICAL ORIFICE SET SERIAL #: 1380S		DGM READINGS (FT <sup>3</sup> )		ELAPSED TIME (MIN)		(1) (2) (3)	Y		
ORIFICE #	RUN #	K' FACTOR (AVG)	TESTED VACUUM (in Hg)	TEMPERATURES °F		V <sub>m</sub> (STD)	V <sub>cr</sub> (STD)	Y VARIATION (%)	ΔH <sub>@</sub>
				AMBIENT	DGM INLET				
				INITIAL	FINAL	AVG			
16	1	0.4258	22	976.418	982.452	6.034	6.1375	0.9952	1.7443
	2	0.4258	22	982.452	988.467	6.015	6.1182	0.9983	1.7443
	3	0.4258	22	988.467	994.494	6.027	6.1539	0.9935	1.7477
				INITIAL	FINAL	NET (V <sub>m</sub> )	AVG =		
22	1	0.5856	21	994.590	1,001.328	6.738	6.8679	1.0017	1.7663
	2	0.5856	21	1,001.328	1,008.463	7.135	7.2935	0.9966	1.7680
	3	0.5856	21	1,008.463	1,015.954	7.491	7.6574	0.9992	1.7680
				INITIAL	FINAL	NET (V <sub>m</sub> )	AVG =		
25	1	0.6767	19	1,015.954	1,022.448	6.494	6.6336	0.9996	1.6906
	2	0.6767	19	1,022.448	1,028.919	6.471	6.6165	1.0022	1.6923
	3	0.6767	19	1,028.919	1,035.432	6.513	6.6594	0.9957	1.6923
				INITIAL	FINAL	NET (V <sub>m</sub> )	AVG =		

### USING THE CRITICAL ORIFICES AS CALIBRATION STANDARDS:

The following equations are used to calculate the standard volumes of air passed through the DGM, V<sub>m</sub> (std), and the critical orifice, V<sub>cr</sub> (std), and the DGM calibration factor, Y. These equations are automatically calculated in the spreadsheet above.

$$(1) \quad V_{m(std)} = K' * V_m * \frac{P_{bar} + (\Delta H / 13.6)}{T_m}$$

= Net volume of gas sample passed through DGM, corrected to standard conditions

K<sub>1</sub> = 17.64 °R/(in. Hg (English)), 0.3858 °K/mm Hg (Metric)

T<sub>m</sub> = Absolute DGM avg. temperature (°R - English, °K - Metric)

$$(2) \quad V_{Cr(std)} = K' * \frac{P_{bar} * \Theta}{\sqrt{T_{amb}}}$$

= Volume of gas sample passed through the critical orifice, corrected to standard conditions

T<sub>amb</sub> = Absolute ambient temperature (°R - English, °K - Metric)

K' = Average K' factor from Critical Orifice Calibration

$$(3) \quad Y = \frac{V_{Cr(std)}}{V_{m(std)}} = \text{DGM calibration factor}$$

**AVERAGE DRY GAS METER CALIBRATION FACTOR, Y =**

<b>0.9980</b>
<b>1.7349</b>

$$\text{AVERAGE } \Delta H_{@} = \left( \frac{0.75 \theta}{V_{cr(std)}} \right)^2 \Delta H \left( \frac{V_{m(std)}}{V_m} \right)$$

**BLUE SKY ENVIRONMENTAL, INC**

**Thermometer/Thermocouple Calibration**

Item **CM-2010-8 DGM TC & Digital Thermocouple Display**

Units °F

Reference Devices **NIST Standards: Mercury -30 - 120 °F 304937**  
**Mercury 0 - 230 °F T2022-1**  
**Mercury 14 - 590 °F T315C**

TC Simulator: FLUKE 724 TEMPERATURE CALIBRATOR

Pyrometer: FLUKE 724 TEMPERATURE CALIBRATOR

Reference Values Ice Water 32 Ambient 70  
 Boiling Water 212

CALIBRATION DATE	T/C IDENTIFICATION	REFERENCE READING	DEVICE READING	°F DIFFERENCE <400°F	% DIFFERENCE >400°F	CALIBRATED BY
7/1/2022	STACK	32	33	-1		AA
		212	211	1		
		932	931	1	0.11	
		1832	1831	1	0.05	
7/1/2022	PROBE	32	31	1		AA
		212	211	1		
		932	931	1	0.11	
		1832	1831	1	0.05	
7/1/2022	FILTER	32	31	1		AA
		212	211	1		
		932	931	1	0.11	
		1832	1831	1	0.05	
7/1/2022	DRYER	32	31	1		AA
		212	211	1		
		932	931	1	0.11	
		1832	1831	1	0.05	
7/1/2022	AUX	32	31	1		AA
		212	211	1		
		932	931	1	0.11	
		1832	1831	1	0.05	
7/1/2022	TC OUT	Ice Water 32	33	-1		AA
		Ambient 70	71	-1		
		Boiling Water 212	213	-1		

40CFR60, Appendix, Method 2  
 Tolerance Limits: +/- 4 °F for <400°F  
 Tolerance Limits: +/- 1.5% for >400°F  
 Calibration Frequency: 6 mo.

**BLUE SKY ENVIRONMENTAL, INC**

**Thermometer/Thermocouple Calibration**

Item	<b>JR VAN TCs</b>		
Units	°F		
Reference Devices	<b>NIST Standards:</b>	<b>Mercury -30 - 120 °F 304937</b>	
		<b>Mercury 0 - 230 °F T2022-1</b>	
		<b>Mercury 14 - 590 °F T315C</b>	
	TC Simulator:	FLUKE 724 TEMPERATURE CALIBRATOR	
	Pyrometer:	FLUKE 724 TEMPERATURE CALIBRATOR	
Reference Values	Ice Water	<u>32</u>	Ambient <u>75</u>
	Boiling Water	<u>212</u>	Boiling Mineral Oil <u>490</u>

CALIBRATION DATE	T/C IDENTIFICATION	REFERENCE READING	DEVICE READING	% DIFFERENCE		CALIBRATED BY
				<400°F	>400°F	
7/22/2022	W0238	Ice Water 32	34	-2		RK
		Ambient 75	75	0		
		Boiling Water 212	211	1		
		Boiling Mineral Oil 490	499	-9	-1.84	
7/22/2022	TC 121	Ice Water 32	34	-2		RK
		Ambient 75	75	0		
		Boiling Water 212	211	1		
		Boiling Mineral Oil 520	521	-1	-0.19	
7/22/2022	M4-3	Ice Water 32	32	0		RK
		Ambient 75	73	2		
		Boiling Water 212	211	1		
		Boiling Mineral Oil 490	490	0	0.00	
7/22/2022	M4-5	Ice Water 32	34	-2		RK
		Ambient 75	75	0		
		Boiling Water 212	212	0		
		Boiling Mineral Oil 490	491	-1	-0.20	
7/22/2022	M4-4	Ice Water 32	34	-2		RK
		Ambient 75	76	-1		
		Boiling Water 212	211	1		
		Boiling Mineral Oil 490	499	-9	-1.84	
7/22/2022	JR ADM TC	Ice Water 32	34	-2		RK
		Ambient 75	76	-1		
		Boiling Water 212	213	-1		
		Boiling Mineral Oil 490	N/A			
7/22/2022	M4-8	Ice Water 32	34	-2		RK
		Ambient 75	76	-1		
		Boiling Water 212	211	1		
		Boiling Mineral Oil 490	491	-1	-0.20	

40CFR60, Appendix, Method 2

Tolerance Limits: +/- 4 °F for <400°F

Tolerance Limits: +/- 1.5% for >400°F

Calibration Frequency: 6 mo.

40CFR60, Appendix, Method 2

Tolerance Limits: +/- 4 °F for <400°F

Tolerance Limits: +/- 1.5% for >400°F

Calibration Frequency: 6 mo.





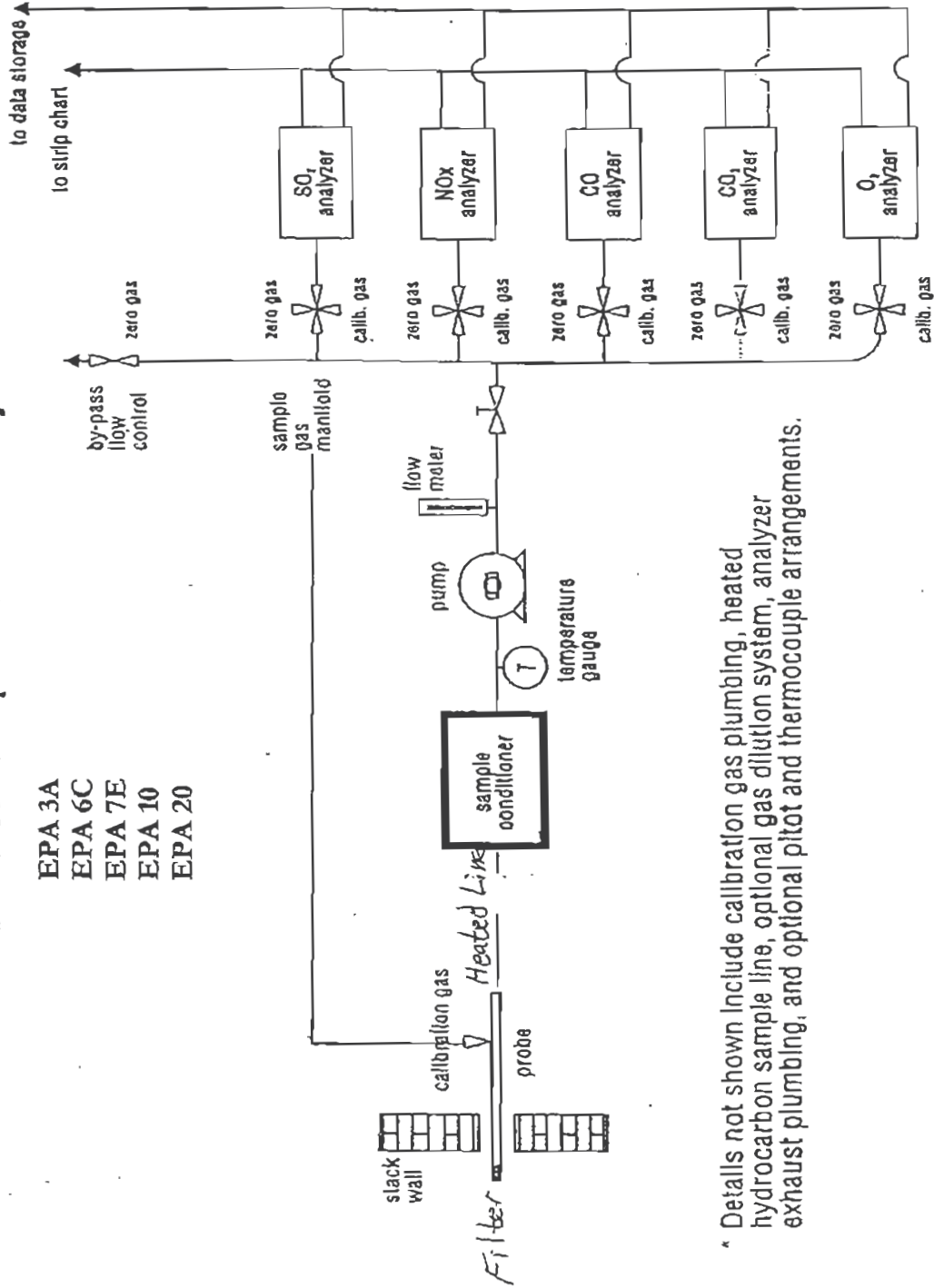
BFI Ox Mtn Flare A-7



Ox Mtn Flare A-9

# Method 100 Sample Train Assembly

- EPA 3A
- EPA 6C
- EPA 7E
- EPA 10
- EPA 20



\* Details not shown include calibration gas plumbing, heated hydrocarbon sample line, optional gas dilution system, analyzer exhaust plumbing, and optional pitot and thermocouple arrangements.

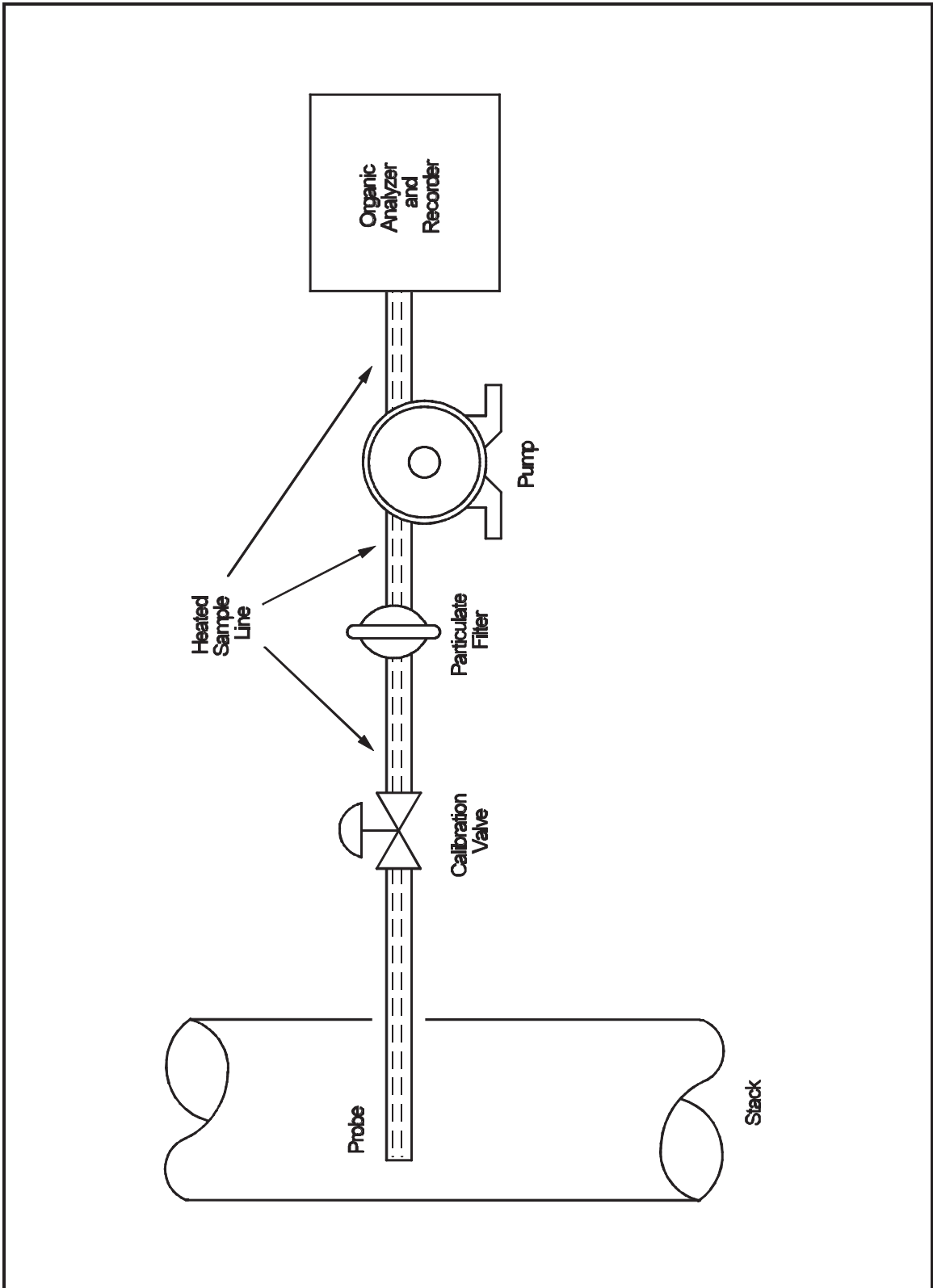


Figure 25A-1. Organic Concentration Measurement System.

S#	Source Description	Annual Average lbs/day				
		PART	ORG	NOx	SO2	CO
1	Los Trancos Canyon Landfill - Waste Decomp	-	6.5	2.4	-	-
5	Non Retail Gasoline Dispensing Facility	-	0	-	-	-
12	Stockpile of Green Waste	-	-	-	-	-
21	Los Trancos Canyon Landfill - Waste and Co	314	-	-	-	-
22	Los Trancos Canyon Landfill - Excavating,	4	-	-	-	-
23	Portable Propane Engine powering Tipper No	0	-	.2	.01	1
A9	Landfill Gas Flare	3	2.6	9.5	1.35	27
A7	Landfill Gas Flare	17	14.8	53.4	7.56	153
T O T A L S		339	24.1	65.4	8.92	181

\*\* PLANT TOTALS FOR EACH EMITTED TOXIC POLLUTANT \*\*

Pollutant Name	Emissions lbs/day
Benzene	.85
Carbon tetrachloride	.01
Ethylene dichloride	.05
Formaldehyde	.43
Hexane	.20
Isopropyl alcohol	.93
Methyl ethyl ketone (MEK)	.17
Perchloroethylene	1.55
Toluene	2.13
Trichloroethylene	.62
Xylene	.82
Ethylidene chloride	.92
Ethylbenzene	.49
Acrylonitrile	.03
Chloroform	.01
Methylene chloride	2.37
Ethylene dibromide	.02
Vinyl chloride	.29
Dichlorobenzene	.08
1,1,2,2-tetrachloroethane	.08
Hydrogen Sulfide (H2S)	.79
Hydrogen Chloride (HCl)	28.28

## APPENDIX O

### S-5 NON-RETAIL GASOLINE DISPENSING FACILITY MONTHLY GASOLINE THROUGHPUT

**Ox Mountain Landfill, Half Moon Bay, California**

**S-5 Non-Retail Gasoline Dispensing Facility**

<b>Month</b>	<b>Total Gallons</b>	<b>12-Month Consecutive Total (Gallons)</b>
April-22	3,540.10	6,069.5
May-22		
June-22		
July-22		
August-22		
September-22		
October-22	3,781.70	7,321.8
November-22		
December-22		
January-23		
February-23		
March-23		

Form 38-1

<b>Distribution:</b>  Firm Permit Services Enforcement Services Technical Services Planning Requester DAPCO	<b>BAY AREA</b> <b>AIR QUALITY MANAGEMENT DISTRICT</b> 939 Ellis Street San Francisco, California 94109 (415) 771-6000  <b>Summary of</b> <b>Source Test Results</b>	Report No.: <u>22297</u> Test Date: <u>10-14-22</u> Test Times: Run A: <u>0951-0956</u> Run B: <u>      </u> Run C: <u>      </u>
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Source Information		Facility Parameters	
GDF Name and Address <u>REPUBLIC SERVICES OPMTN</u> <u>12210 SAN MATEO RD</u> <u>HALF MOON BAY</u> <u>CA</u>	GDF Representative and Title <u>BEN WATSE</u> <u>AREA ENV. MGR</u> GDF Phone No. <u>(650) 713-3632</u>  Source: GDF Vapor Recovery System BAAQMD GDF # <u>2266</u> BAAQMD A/C # <u>8229</u>	Compartment Size, Gallons  COMPARTMENT #1 <u>1000</u> COMPARTMENT #2 <u>      </u> COMPARTMENT #3 <u>      </u>	
Permit Conditions <u>ST-38</u>	BAAQMD GDF # <u>2266</u> BAAQMD A/C # <u>8229</u>	Manifolder? Y or <u>(N)</u>	
Operating Parameters: <u>OUT OF SERVICE &gt; 2 HRS</u>			
Make and Model of Tank <u>CONVAULT</u>	Phase II System Type <u>      </u>	<u>PHURITE</u>	
Number of Gasoline Nozzles <u>1</u>	Make and Model of P/V Valve <u>      </u>	<u>HUSKY 4885</u>	
Applicable Regulations: BAAQMD REGULATION 8, RULE 7		FOR OFFICE USE ONLY	

Source Test Results and Comments:

COMPARTMENT #:	1	2	3	TOTAL
1. Product Grade	<u>UL</u>			
2. Actual Compartment Capacity, gallons	<u>1000 (1053)</u>			
3. Gasoline Volume, Gallons <u>21 x 28.7 GAL/IN</u>	<u>603</u>			
4. Ullage, gallons (#2 -#3)	<u>397</u>			
5. Phase I System Type	<u>      </u>			
6. Initial Test Pressure, Inches H <sub>2</sub> O (2.0)	<u>2.0</u>			
7. Pressure After 1 Minute, Inches H <sub>2</sub> O	<u>1.6</u>			
8. Pressure After 2 Minutes, Inches H <sub>2</sub> O	<u>1.4</u>			
9. Pressure After 3 Minutes, Inches H <sub>2</sub> O	<u>1.2</u>			
10. Pressure After 4 Minutes, Inches H <sub>2</sub> O	<u>1.0</u>			
11. Final Pressure After 5 Minutes, Inches H <sub>2</sub> O	<u>0.85</u>			
12. Allowable Final Pressure from Table 38-I	<u>0.23</u>			
13. Test Status [ Pass or Fail]	<u>PASS</u>			

Test Conducted by: <u>JERAMIE RICHARDSON</u>	Test Company Name <u>BLUE SKY ENVIRONMENTAL</u> Address <u>624 SAN GABRIEL AVE</u> City <u>ALBANY CA 94546</u>	Date and Time of Test: <u>0951-0956</u> <u>10-14-22</u>
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## APPENDIX P

### MONTHLY TOTAL REDUCED SULFUR (TRS) CONCENTRATIONS

**April 2022 through September 2022 Monthly Total Reduced Sulfur Compounds to the A-7 Flare  
Ox Mountain Landfill, Half Moon Bay, California**

**A-7 (Flare)**

Month	Hydrogen Sulfide (Draeger) (ppmv)	Carbon Disulfide (ppmv)	Carbonyl Sulfide (ppmv)	Dimethyl Sulfide (ppmv)	Ethyl Mercaptan (ppmv)	Hydrogen Sulfide (ppmv)	Methyl Mercaptan (ppmv)	TRS (Draeger)	TRS (Lab Analysis)
October-22	60	NA	NA	NA	NA	NA	NA	63.0	NA
November-22	100	NA	NA	NA	NA	NA	NA	105.0	NA
December-22	100	NA	NA	NA	NA	NA	NA	105.0	NA
January-23	120	NA	NA	NA	NA	NA	NA	126.0	NA
February-23	100	NA	NA	NA	NA	NA	NA	105.0	NA
March-23	120	NA	NA	NA	NA	NA	NA	126.0	NA

**NOTES:**

- Total Reduced Sulfur (TRS) is determined by monthly analysis of landfill gas at the header of the flare. Analysis for TRS is either by: (1) laboratory methods that analyze for the sulfur compounds: carbon disulfide, carbonyl sulfide, dimethyl sulfide, ethyl mercaptan, hydrogen sulfide, and methyl mercaptan; (2) Draeger tubes that measure for hydrogen sulfide concentration, the value of which is multiplied by 1.05 to calculate TRS concentration.
- TRS analysis was begun in September 2015 per the Draft Permit Conditions for Application 26100.  
ppmv = parts per million by volume  
TRS = total reduced sulfur  
NA = not available

**April 2022 through September 2022 Monthly Total Reduced Sulfur Compounds to the A-8 Flare  
Ox Mountain Landfill, Half Moon Bay, California**

**A-8 (Flare)\***

Month	Hydrogen Sulfide (Draeger) (ppmv)	Carbon Disulfide (ppmv)	Carbonyl Sulfide (ppmv)	Dimethyl Sulfide (ppmv)	Ethyl Mercaptan (ppmv)	Hydrogen Sulfide (ppmv)	Methyl Mercaptan (ppmv)	TRS (Draeger)	TRS (Lab Analysis)
October-22	0	NA	NA	NA	NA	NA	NA	0.0	NA
November-22	0	NA	NA	NA	NA	NA	NA	0.0	NA
December-22	0	NA	NA	NA	NA	NA	NA	0.0	NA
January-23	0	NA	NA	NA	NA	NA	NA	0.0	NA
February-23	0	NA	NA	NA	NA	NA	NA	0.0	NA
March-23	0	NA	NA	NA	NA	NA	NA	0.0	NA

**NOTES:**

\*The A-8 Flare does not operate and is slated for decommissioning. Therefore, no H2S samples are collected, as no landfill gas is diverted to the A-8 Flare.

1. Total Reduced Sulfur (TRS) is determined by monthly analysis of landfill gas at the header of the flare. Analysis for TRS is either by: (1) laboratory methods that analyze for the sulfur compounds: carbon disulfide, carbonyl sulfide, dimethyl sulfide, ethyl mercaptan, hydrogen sulfide, and methyl mercaptan; (2) Draeger tubes that measure for hydrogen sulfide concentration, the value of which is multiplied by 1.05 to calculate TRS concentration.

2. TRS analysis was begun in September 2015 per the Draft Permit Conditions for Application 26100.

ppmv = parts per million by volume

TRS = total reduced sulfur

NA = not available

**April 2022 through September 2022 Monthly Total Reduced Sulfur Compounds to the A-9 Flare  
Ox Mountain Landfill, Half Moon Bay, California**

**A-9 (Flare)**

Month	Hydrogen Sulfide (Draeger) (ppmv)	Carbon Disulfide (ppmv)	Carbonyl Sulfide (ppmv)	Dimethyl Sulfide (ppmv)	Ethyl Mercaptan (ppmv)	Hydrogen Sulfide (ppmv)	Methyl Mercaptan (ppmv)	TRS (Draeger)	TRS (Lab Analysis)
October-22	100	NA	NA	NA	NA	NA	NA	105.0	NA
November-22	140	NA	NA	NA	NA	NA	NA	147.0	NA
December-22	130	NA	NA	NA	NA	NA	NA	136.5	NA
January-23	120	NA	NA	NA	NA	NA	NA	126.0	NA
February-23	120	NA	NA	NA	NA	NA	NA	126.0	NA
March-23	130	NA	NA	NA	NA	NA	NA	136.5	NA

**NOTES:**

- Total Reduced Sulfur (TRS) is determined by monthly analysis of landfill gas at the header of the flare. Analysis for TRS is either by: (1) laboratory methods that analyze for the sulfur compounds: carbon disulfide, carbonyl sulfide, dimethyl sulfide, ethyl mercaptan, hydrogen sulfide, and methyl mercaptan; (2) Draeger tubes that measure for hydrogen sulfide concentration, the value of which is multiplied by 1.05 to calculate TRS concentration.
- TRS analysis was begun in September 2015 per the Draft Permit Conditions for Application 26100.  
ppmv = parts per million by volume  
TRS = total reduced sulfur  
NA = not available

**Ox Mountain Landfill, Half Moon Bay, California**

**Yearly TRS for A-7, A-8, and A-9 Flares**

Month	A-7 Flare Flow Concentration (ppmv)	A-8 Flare Flow Concentration (ppmv)	A-9 Flare Flow Concentration (ppmv)	Consecutive 12-Month Flare Flow Average for A-7 (ppmv)	Consecutive 12-Month Flare Flow Average for A-8 (ppmv)	Consecutive 12-Month Flare Flow Average for A-9 (ppmv)	Combined A-7, A-8 and A-9 Flares Corrected 12-Month Average (ppmv) <sup>1</sup>
April-22	152.3	0.0	194.3	148.3	NA	144.8	146.6
May-22	115.5	0.0	162.8	146.1	NA	146.6	146.3
June-22	126.0	0.0	152.3	145.7	NA	149.6	147.7
July-22	105.0	0.0	147.0	141.3	NA	150.9	146.1
August-22	105.0	0.0	126.0	135.6	NA	148.3	142.0
September-22	73.5	0.0	147.0	129.5	NA	151.4	140.4
October-22	63.0	0.0	105.0	122.5	NA	148.8	135.6
November-22	105.0	0.0	147.0	118.1	NA	149.6	133.9
December-22	105.0	0.0	136.5	115.9	NA	150.1	133.0
January-23	126.0	0.0	126.0	110.7	NA	147.4	129.1
February-23	105.0	0.0	126.0	109.8	NA	143.9	126.9
March-23	126.0	0.0	136.5	108.9	NA	142.2	125.6

**NOTES:**

1. The 12-month total reduced sulfur (TRS) rolling concentration for each month represents the sum of the monthly combined TRS concentrations calculated using the preceding 12 consecutive months. Pursuant to Title V Permit Condition Number 10164 Part 21, the combined monthly flow weighted TRS concentrations to all Flares (A-7, A-8, and A-9) shall not exceed 265 ppmv during any consecutive 12-month period.

2. TRS analysis was begun in September 2015 per the Draft Permit Conditions for Application 26100.

- ppmv = parts per million by volume
- scfm = standard cubic feet per minute
- CH<sub>4</sub> = methane
- LFG= landfill gas
- %= percent

## APPENDIX Q

### WASTE-IN-PLACE

OX MOUNTAIN LANDFILL - HALF MOON BAY, CALIFORNIA

Revised Waste Acceptance Records Summary

Date	Waste Accepted (Tons) <sup>1</sup>	Green Waste Accepted <sup>2</sup>	Fire Waste Accepted	Waste-In-Place (WIP) <sup>3</sup> (Tons)	Comments	Days per Month	Ave. Daily tons (6 days a week)
October-21	42,183.0	0.0	0.0			26.00	1622.42
November-21	46,686.0	0.0	0.0			26.00	1796.62
December-21	46,437.0	0.0	0.0	27,684,644	WIP for Semi-Annual Period of: October 1, 2021 through March 31, 2022.	27.00	1719.89
January-22	45,771.0	0.0	0.0			26.00	1760.42
February-22	41,605.0	0.0	0.0			24.00	1733.54
March-22	44,190.0	0.0	0.0			27.00	1636.67
April-22	45,177.8	0.0	0.0			26.00	1737.61
May-22	43,587.8	0.0	0.0			26.00	1676.46
June-22	48,070.4	0.0	0.0			26.00	1848.86
July-22	47,021.9	0.0	0.0	27,955,009	WIP for the Semi-Annual Period of: April 1, 2022 through September 30, 2022.	27.00	1741.55
August-22	45,328.1	0.0	0.0			26.00	1743.39
September-22	41,178.6	0.0	0.0			26.00	1583.79
October-22	36,526.1	0.0	0.0			26.00	1404.85
November-22	37,573.0	0.0	0.0			26.00	1445.12
December-22	36,980.5	0.0	0.0			27.00	1369.65
January-23	43,450.4	0.0	0.0			26.00	1671.17
February-23	34,546.2	0.0	0.0	28,187,401	WIP for Semi-Annual Period of: October 1, 2022 through March 31, 2023.	24.00	1439.43
March-23	43,315.8	0.0	0.0			27.00	1604.29
<b>Total Waste-In-Place October 2022 through March 2023</b>	<b>232,391.9</b>		<b>0.0</b>				Daily Limit: 3,598 tons/day

Notes:

1 Municipal Solid Waste (MSW) accepted at Ox Mountain, verified using waste acceptance rates from tipping receipts.

2 Green Waste numbers are not captured by CalRecycle and were provided by Ox Mountain personnel based on waste summary reports.

3 WIP is putrescible wastes only.

\*As of December 2017, site accepts green waste but have stopped stockpiling and utilizing green waste as beneficial reuse.

Year	Total Yearly Tonnages
2016	540,401
2017	599,044
2018	582,843
2019	613,542
2020	510,725
2021	580,630
2022	513,010
2023*	121,312

Limit is 835,000 tons per year

\*Partial Year Total as of March 31, 2023

## APPENDIX R

### VOC SOIL ACCEPTANCE



## Ox Mountain VOC Soil Acceptance Checklist

### Prior to Soil Arriving Onsite:

Notify the BAAQMDs Compliance and Enforcement Division of the soil arriving onsite at least **24 hours** in advance.

✓	An estimate of the amount of contaminated soil to be received	1000 tons
✓	The degree of contamination (range and average VOC Content)	.052
✓	The type or source of contamination.	Soil with TPH (G)

### While Soil is Onsite:

N/A	If the contaminated soil has an organic content of <b>less than 500 ppmw</b> , the contaminated soil shall either be <b>treated or deposited</b> in a final disposal site or transported off site for treatment, within <b>90 days</b> of receipt at the facility.
N/A	If the contaminated soil has an organic content <b>500 ppmw or more</b> , the contaminated soil shall either be <b>treated or deposited</b> in a final disposal site or transported off site for treatment, within <b>45 days</b> of receipt at the facility.
✓	The exposed surface area of any active storage pile (including the active face at a landfill) is less than <b>6000 ft<sup>2</sup></b> .
✓	Contaminated soil during periods of inactivity <b>longer than one hour</b> (including inside trucks) are covered.
N/A	District approved coverings for inactive storage piles are being used.
✓	<b>Tipping area</b> for contaminated soils near the active face that is <b>isolated</b> from the tipping area for other wastes.
✓	<b>Spray</b> contaminated soil with water or vapor suppressant <b>immediately after dumping</b> the soil from a truck at the tipping area or on the active face, until the soil can be covered with an approved covering.
✓	<b>Covering of soil</b> on the active face was completed <b>within one hour</b> of the time that the soil was first dumped from a truck at the tipping area.
✓	All <b>contaminated soil was transferred</b> from the tipping area to the active face <b>immediately</b> after spraying with water or vapor suppressant.
✓	Contaminated soil in the tipping area was not disturbed by subsequent trucks.
✓	Contaminated soil spread on the active face is <b>completely covered</b> on all sides with one of the following approved coverings: <b>at least 6 inches of clean compacted soil, at least 12 inches of compacted garbage, or at least 12 inches of compacted green waste.</b>

Record Keeping:	
	One checklist shall be completed for each day <span style="float: right;">expires 09/20/2023</span>
For all soil received by the facility (including soil with no known contamination) record the:	
✓	Arrival date at the facility 10.6.22
	Soil lot number
	Amount of soil in the lot 10/6/22: 42.46 tns
✓	Organic content or organic concentration of the lot (if known) attached on report
✓	Type of contamination (if any) Soil with TPH (G)
✓	Keep copies of any test data or other information that documents whether the soil is contaminated (as defined in 8-40-205) or not contaminated, with what, and by how much
For final disposal at a landfill record on a daily basis the:	
	Soil lot number
	Amount of soil placed in the landfill
	Disposal date
	Disposal location
For soil aerated in accordance with 8-40-116 or 117 record the:	
N/A	Soil lot number
N/A	Amount of soil in the lot
N/A	Organic content
N/A	Final placement date
N/A	Final placement location
N/A	Describe how the soil was handled or used on site

1<sup>st</sup> Load 1:15 pm 10/6/22 19.82 tns  
 2<sup>nd</sup> Load 1:54 pm 10/6/22 22.64 tns

**Summary Contract Activity Report**  
 October 06, 2022 to October 06, 2022  
 Specific Contract(s) : '42272213101'

Contract	Weight		Volume		Count		Billing Qty	Material Total	Tax Total	Total	Item Count	Ticket Count
	Inbound	Outbound	Inbound	Outbound	Inbound	Outbound						
42272213101												
SW-CONT SOIL	42.46	0.00 TN	20.00	0.00 YD	0.00	0.00	42.46TN	\$2,335.30	\$0.00	\$2,335.30	2	2
Contract Totals:	42.46	0.00 TN	20.00	0.00 YD	0.00	0.00	42.46TN	\$2,335.30	\$0.00	\$2,335.30	2	2
	42.46	0.00 TN	20.00	0.00 YD	0.00	0.00	42.46 TN	\$2,335.30	\$0.00	\$2,335.30	2	2



Browning-Ferris Industries of California, Inc. - Ox Mountain Landfill  
12310 San Mateo Road, Half Moon Bay, CA 94019  
P: (650) 713-3632 republicservices.com

October 5, 2022

Submitted via E-mail

Mr. Jeffrey Gove  
Director of Compliance & Enforcement  
Bay Area Air Quality Management District  
Attn: Title V Reports  
375 Beale Street, Suite 600  
San Francisco, California 94105

Re: 24-Hour Volatile Organic Compound (VOC) Acceptance Notification  
Ox Mountain Landfill, Facility Number A2266  
Half Moon Bay, California

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFIC) is submitting this 24-Hour VOC Acceptance Notification to Bay Area Air Quality Management District (BAAQMD) pursuant to Ox Mountain Landfill (Ox Mountain [Facility Number A2266]) Title V Permit Condition 10164, Part 14b.

Ox Mountain plans to accept approximately 85 tons of VOC soil on October 6, 2022. The soil was excavated from a new basement containing a fuel tank with total petroleum hydrocarbons (TPH) contaminants. A special waste profile generated by BFIC is included in Attachment A. As indicated in the VOC Soil Analytical Report, the content of the soil exceeds the 50 parts per million by weight (ppmw) limit; however, pursuant to Condition 10164 Part 13b(ii), the soil being accept will not exceed the 11.9 pounds of VOC per day limit. The results of the lab analysis are included in Attachment B.

If you have any questions or require additional information, please do not hesitate to contact me at (714) 931-5685.

Sincerely,

Ox Mountain

A handwritten signature in dark ink, appearing to read "Travis L. Armstrong".

Travis L. Armstrong  
General Manager

Enclosures: Attachment A – Special Waste Profile  
Attachment B – VOC Soil Analytical Report

cc: Romelle Guittap, BAAQMD  
James Galicia, BFIC  
Kelly McDonnell, BFIC  
Ben Wade, BFIC  
Kendra Kent, Tetra Tech

Attachment A  
Special Waste Profile



# Republic Services

18500 N. Allied Way, Phoenix, AZ 85054

## SPECIAL WASTE DEPARTMENT DECISION

Waste Profile #  
42272213101

Expiration Date  
9/20/2023

### I. Decision Request:

Initial     Recertification     Change

Disposal Facility: 4227 - Ox Mountain LF

Generator Name: IQHQ ELCO YARDS LP

Generator Site Address: 1401 MAIN ST

City: REDWOOD CITY

County:

State: CA

Zip:

Name of Waste: SOIL WITH TPH

Estimated Annual Volume: 1,000 Tons

### II. Special Waste Department Decision:

Approved     Rejected

Management Method(s):     Landfill     Solidification     Bioremediation     Deep Well     Transfer Facility

Problematic Special Waste according to Republic?

Yes     No

If yes, which one?

Approved by Special Waste Review Committee?

Yes     No     Not Applicable

### Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature: \_\_\_\_\_

Name (Printed): Joseph Sorokach

Date: 9/22/2022

### III. Facility Decision:

Approved     Rejected

### Precautions, Conditions or Limitations on Approval

By signing below, the General Manager or Designee agrees that a fully executed Special Waste Service Agreement is on file for this profile and that the special waste file is complete.

General Manager or Designee: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

Date: 9/22/2022

## Special Waste Profile



Disposal Facility: 4227 Ox Mountain Landfill CA

Waste Profile #: 4227 22 13101

Sales Rep #:

## I. Generator Information

Generator Name: IQHQ Elco Yards, LP

Generator Site Address: 1401 Main St

City: Redwood City

County: San Mateo

State: California

Zip: 94063

State ID/Reg No:

State Approval/Waste Code:

NAICS #:

Generator Mailing Address  (if different) 674 Via De La Valle, Suite 206

City: Solana Beach

County: San Diego

State: California

Zip: 92075

Generator Contact Name: Kelley Gallese

Email: kgallese@iqhqreit.com

Phone Number: 650-350-8801

Ext:

Fax Number:

## II. Billing Information

Bill To: MAG Trucking Inc.

Contact Name: Debbie Ferrari

Billing Address: 3500 Enterprise Ave

Email: dferrari@magtrucking.com

City: Hayward

State: California

Zip: 94545

Phone: 510-782-8801

## III. Waste Stream Information

Name of Waste: Soil with TPH

Process Generating Waste: This is a commercial building and parking lot. Excavation for a new basement is creating excess soil. We found a tank so we are removing impacted soil that was surrounding it. This is 500 CY

Type of Waste: Pollution Control Waste

Physical State: Solid

Method of Shipment: Bulk

Estimated Volume: 1000

Volume Type: Tons

Frequency: One-time Event (single project)

Disposal Consideration: Landfill

## IV. Representative Sample Certification

 No Sample Taken Sample Taken Type of Sample Grab SampleIs the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent?  Yes  No

Sample Date: 9/12/22

Sample ID Numbers or SDS: SS-TANK01-08

Remember to attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.

# Special Waste Profile



## V. Physical Characteristics of Waste

Characteristic Components (must equal 100%):

1.	Soil
2.	
3.	
4.	
5.	

% By Weight (out of 100% - ranges acceptable):

100

Color:	Odor (describe):	Does Waste Contain Free Liquids?	% Solids:	pH:	Flash Point:
Brown	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	100	NA	NA °F

**Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) including Chain of Custody and required parameters provided for this profile.**

## RCRA Regulatory Questions

- Does this waste or generating process contain regulated concentrations of the following Pesticides and/ or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?  Yes  No
- Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm) [reference 40 CFR 261.23(a)(5)]?  Yes  No
- Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?  Yes  No
- Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?  Yes  No
- Has this waste been delisted under 40 CFR 260.20 and 260.22? If yes, attach the final decision to delist the waste as published in the Federal Register.  Yes  No
- Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations? If Yes, identify the applicable waste code and specify if the waste is hazardous as defined by Federal, State or both?
- Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?  Yes  No
- Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?  Yes  No
- Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?  Yes  No
- Is this a solid waste that is not a hazardous waste in accordance with 40 CFR 261.4(b)? If yes, please provide the corresponding regulatory citation.

## Republic Services Waste Handling Questions

- Does this waste generate heat or react when contacted with water/moisture?  Yes  No
- Does the waste contain sulfur or sulfur by-products?  Yes  No
- Is this waste generated at a State or Federal Superfund cleanup site subject to regulation under CERCLA?  Yes  No
- Is this waste from a TSD facility, TSD-like facility or consolidator (i.e. multiple wastes/multiple generators)?  Yes  No
- If yes to the above question, please provide clarification.



# Special Waste Profile



## VI. Certification

*I hereby certify that I have knowledge about the waste material being offered for disposal ("Waste") and have the requisite authority to bind the Generator to the information contained in this Special Waste Profile ("Profile"). I further certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the Waste and all known or suspected hazards have been disclosed. All Analytical Results/Safety Data Sheets submitted are truthful and complete and are representative of the Waste.*

*I further certify that by utilizing this Profile, neither myself nor any other employee or representative of the company identified below ("Company") will deliver for disposal or attempt to deliver for disposal any Waste that: (i) is classified as toxic waste, hazardous waste or infectious waste; (ii) that does not conform to this Profile; or (iii) that this Disposal Facility is prohibiting from accepting by law. I shall immediately give written notice of any change or condition pertaining to the Waste not provided herein. Our Company hereby agrees to fully indemnify this Disposal Facility against any damages resulting from this Profile or Certification being inaccurate or untrue.*

*I understand that by attaching an electronic signature, I am signing this document and Company consents to complete this transaction and receive all related communications electronically, and agrees this document will be binding as though it had been physically signed. A printout of this Profile may be accepted with the same authority as the original.*

Kelley Gallese

Authorized Representative Name  
(Printed)

Director of Development

Title  
(Printed)

IQHQ Elco Yards, LP

Company Name

DocuSigned by:  
Kelley Gallese  
C00E24FF89244FF

Representative Signature

9/20/2022

Date

Attachment B  
VOC Soil Analytical Report



# McC Campbell Analytical, Inc.

"When Quality Counts"

## Analytical Report

**WorkOrder:** 2209583

**Report Created for:** Ramboll

2200 Powell Street, 7th Floor  
Emeryville, CA 94608

**Project Contact:** Jason Kane

**Project P.O.:**

**Project:** 1690025294-004; Elco Yards

**Project Received:** 09/12/2022

Analytical Report reviewed & approved for release on 09/16/2022 by:

Christine Askari  
Project Manager

*The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in a case narrative.*





## Glossary of Terms & Qualifier Definitions

**Client:** Ramboll

**WorkOrder:** 2209583

**Project:** 1690025294-004; Elco Yards

### Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



## Glossary of Terms & Qualifier Definitions

**Client:** Ramboll

**WorkOrder:** 2209583

**Project:** 1690025294-004; Elco Yards

### Analytical Qualifiers

J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
S	Surrogate recovery outside accepted recovery limits.
a2	Sample diluted due to cluttered chromatogram.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
d7	Strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9	No recognizable pattern
e2	Diesel range compounds are detected; no recognizable pattern
e7	Oil range compounds are detected.
h7	Copper (EPA 3660B) cleanup

### Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.
F3	The surrogate standard recovery and/or RPD is outside of acceptance limits.
F5	LCS/LCSD recovery is outside of acceptance limits; however, the data is acceptable based upon the TNI allowable marginal exceedances.
F10	MS/MSD outside control limits. Physical or chemical interferences exist due to sample matrix.



## Case Narrative

**Client:** Ramboll  
**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
September 14, 2022

Percent Moisture

In accordance with SW-846, 8000, percent moisture is reported as:

$$[\text{Moisture Weight (g)}] / [\text{Sample Wet Weight (g)}] \times 100$$



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3060A  
**Analytical Method:** SW7199  
**Unit:** mg/Kg

### Hexavalent chromium by Alkaline Digestion and IC Analysis

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	IC2 22091356.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/13/2022 23:44

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	IC2 22091401.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/13/2022 23:54

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	IC2 22091402.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	0.24	0.20	1	09/14/2022 00:05

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	IC2 22091346.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/13/2022 22:02

Analyst(s): ND

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3060A  
**Analytical Method:** SW7199  
**Unit:** mg/Kg

### Hexavalent chromium by Alkaline Digestion and IC Analysis

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	IC2 22091403.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/14/2022 00:15

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	IC2 22091404.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/14/2022 00:25

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	IC2 22091405.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/14/2022 00:35

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	IC2 22091406.CHW	253824

Analytes	Result	RL	DF	Date Analyzed
Hexavalent chromium	ND	0.20	1	09/14/2022 00:45

Analyst(s): ND





## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC40 09152248.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/15/2022 21:01
a-BHC	ND	0.00010	1	09/15/2022 21:01
b-BHC	ND	0.00030	1	09/15/2022 21:01
d-BHC	ND	0.00020	1	09/15/2022 21:01
g-BHC	ND	0.00010	1	09/15/2022 21:01
Chlordane (Technical)	ND	0.0025	1	09/15/2022 21:01
a-Chlordane	ND	0.00010	1	09/15/2022 21:01
g-Chlordane	<b>0.00021</b>	0.00010	1	09/15/2022 21:01
p,p-DDD	ND	0.00010	1	09/15/2022 21:01
p,p-DDE	ND	0.00010	1	09/15/2022 21:01
p,p-DDT	<b>0.00037</b>	0.00010	1	09/15/2022 21:01
Dieldrin	ND	0.00010	1	09/15/2022 21:01
Endosulfan I	ND	0.00010	1	09/15/2022 21:01
Endosulfan II	ND	0.00010	1	09/15/2022 21:01
Endosulfan sulfate	ND	0.00010	1	09/15/2022 21:01
Endrin	ND	0.00010	1	09/15/2022 21:01
Endrin aldehyde	ND	0.00010	1	09/15/2022 21:01
Endrin ketone	ND	0.00010	1	09/15/2022 21:01
Heptachlor	ND	0.00010	1	09/15/2022 21:01
Heptachlor epoxide	ND	0.00010	1	09/15/2022 21:01
Hexachlorobenzene	ND	0.0010	1	09/15/2022 21:01
Hexachlorocyclopentadiene	ND	0.0020	1	09/15/2022 21:01
Methoxychlor	ND	0.00020	1	09/15/2022 21:01
Toxaphene	ND	0.0050	1	09/15/2022 21:01
Aroclor1016	ND	0.0050	1	09/15/2022 21:01
Aroclor1221	ND	0.0050	1	09/15/2022 21:01
Aroclor1232	ND	0.0050	1	09/15/2022 21:01
Aroclor1242	ND	0.0050	1	09/15/2022 21:01
Aroclor1248	ND	0.0050	1	09/15/2022 21:01
Aroclor1254	ND	0.0050	1	09/15/2022 21:01
Aroclor1260	ND	0.0050	1	09/15/2022 21:01
PCBs, total	ND	0.0050	1	09/15/2022 21:01

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	83	20-145	09/15/2022 21:01

Analyst(s): CN

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC40 09152247.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/15/2022 20:47
a-BHC	ND	0.00010	1	09/15/2022 20:47
b-BHC	ND	0.00030	1	09/15/2022 20:47
d-BHC	ND	0.00020	1	09/15/2022 20:47
g-BHC	ND	0.00010	1	09/15/2022 20:47
Chlordane (Technical)	ND	0.0025	1	09/15/2022 20:47
a-Chlordane	ND	0.00010	1	09/15/2022 20:47
g-Chlordane	ND	0.00010	1	09/15/2022 20:47
p,p-DDD	ND	0.00010	1	09/15/2022 20:47
p,p-DDE	ND	0.00010	1	09/15/2022 20:47
p,p-DDT	ND	0.00010	1	09/15/2022 20:47
Dieldrin	ND	0.00010	1	09/15/2022 20:47
Endosulfan I	ND	0.00010	1	09/15/2022 20:47
Endosulfan II	ND	0.00010	1	09/15/2022 20:47
Endosulfan sulfate	ND	0.00010	1	09/15/2022 20:47
Endrin	ND	0.00010	1	09/15/2022 20:47
Endrin aldehyde	ND	0.00010	1	09/15/2022 20:47
Endrin ketone	ND	0.00010	1	09/15/2022 20:47
Heptachlor	ND	0.00010	1	09/15/2022 20:47
Heptachlor epoxide	ND	0.00010	1	09/15/2022 20:47
Hexachlorobenzene	ND	0.0010	1	09/15/2022 20:47
Hexachlorocyclopentadiene	ND	0.0020	1	09/15/2022 20:47
Methoxychlor	ND	0.00020	1	09/15/2022 20:47
Toxaphene	ND	0.0050	1	09/15/2022 20:47
Aroclor1016	ND	0.0050	1	09/15/2022 20:47
Aroclor1221	ND	0.0050	1	09/15/2022 20:47
Aroclor1232	ND	0.0050	1	09/15/2022 20:47
Aroclor1242	ND	0.0050	1	09/15/2022 20:47
Aroclor1248	ND	0.0050	1	09/15/2022 20:47
Aroclor1254	ND	0.0050	1	09/15/2022 20:47
Aroclor1260	ND	0.0050	1	09/15/2022 20:47
PCBs, total	ND	0.0050	1	09/15/2022 20:47

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	70	20-145	09/15/2022 20:47

Analyst(s): CN

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC40 09142241.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/14/2022 19:17
a-BHC	ND	0.00010	1	09/14/2022 19:17
b-BHC	ND	0.00030	1	09/14/2022 19:17
d-BHC	ND	0.00020	1	09/14/2022 19:17
g-BHC	ND	0.00010	1	09/14/2022 19:17
Chlordane (Technical)	ND	0.0025	1	09/14/2022 19:17
a-Chlordane	ND	0.00010	1	09/14/2022 19:17
g-Chlordane	ND	0.00010	1	09/14/2022 19:17
p,p-DDD	ND	0.00010	1	09/14/2022 19:17
p,p-DDE	ND	0.00010	1	09/14/2022 19:17
p,p-DDT	ND	0.00010	1	09/14/2022 19:17
Dieldrin	ND	0.00010	1	09/14/2022 19:17
Endosulfan I	ND	0.00010	1	09/14/2022 19:17
Endosulfan II	ND	0.00010	1	09/14/2022 19:17
Endosulfan sulfate	ND	0.00010	1	09/14/2022 19:17
Endrin	ND	0.00010	1	09/14/2022 19:17
Endrin aldehyde	ND	0.00010	1	09/14/2022 19:17
Endrin ketone	ND	0.00010	1	09/14/2022 19:17
Heptachlor	ND	0.00010	1	09/14/2022 19:17
Heptachlor epoxide	ND	0.00010	1	09/14/2022 19:17
Hexachlorobenzene	ND	0.0010	1	09/14/2022 19:17
Hexachlorocyclopentadiene	ND	0.0020	1	09/14/2022 19:17
Methoxychlor	ND	0.00020	1	09/14/2022 19:17
Toxaphene	ND	0.0050	1	09/14/2022 19:17
Aroclor1016	ND	0.0050	1	09/14/2022 19:17
Aroclor1221	ND	0.0050	1	09/14/2022 19:17
Aroclor1232	ND	0.0050	1	09/14/2022 19:17
Aroclor1242	ND	0.0050	1	09/14/2022 19:17
Aroclor1248	ND	0.0050	1	09/14/2022 19:17
Aroclor1254	ND	0.0050	1	09/14/2022 19:17
Aroclor1260	ND	0.0050	1	09/14/2022 19:17
PCBs, total	ND	0.0050	1	09/14/2022 19:17

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	92	20-145	09/14/2022 19:17

Analyst(s): SVE

(Cont.)



# Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

## Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC40 09152246.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.010	100	09/15/2022 20:33
a-BHC	ND	0.010	100	09/15/2022 20:33
b-BHC	ND	0.030	100	09/15/2022 20:33
d-BHC	ND	0.020	100	09/15/2022 20:33
g-BHC	ND	0.010	100	09/15/2022 20:33
Chlordane (Technical)	ND	0.25	100	09/15/2022 20:33
a-Chlordane	ND	0.010	100	09/15/2022 20:33
g-Chlordane	ND	0.010	100	09/15/2022 20:33
p,p-DDD	ND	0.010	100	09/15/2022 20:33
p,p-DDE	ND	0.010	100	09/15/2022 20:33
p,p-DDT	ND	0.010	100	09/15/2022 20:33
Dieldrin	ND	0.010	100	09/15/2022 20:33
Endosulfan I	ND	0.010	100	09/15/2022 20:33
Endosulfan II	ND	0.010	100	09/15/2022 20:33
Endosulfan sulfate	ND	0.010	100	09/15/2022 20:33
Endrin	ND	0.010	100	09/15/2022 20:33
Endrin aldehyde	ND	0.010	100	09/15/2022 20:33
Endrin ketone	ND	0.010	100	09/15/2022 20:33
Heptachlor	ND	0.010	100	09/15/2022 20:33
Heptachlor epoxide	ND	0.010	100	09/15/2022 20:33
Hexachlorobenzene	ND	0.10	100	09/15/2022 20:33
Hexachlorocyclopentadiene	ND	0.20	100	09/15/2022 20:33
Methoxychlor	ND	0.020	100	09/15/2022 20:33
Toxaphene	ND	0.50	100	09/15/2022 20:33
Aroclor1016	ND	0.50	100	09/15/2022 20:33
Aroclor1221	ND	0.50	100	09/15/2022 20:33
Aroclor1232	ND	0.50	100	09/15/2022 20:33
Aroclor1242	ND	0.50	100	09/15/2022 20:33
Aroclor1248	ND	0.50	100	09/15/2022 20:33
Aroclor1254	ND	0.50	100	09/15/2022 20:33
Aroclor1260	ND	0.50	100	09/15/2022 20:33
PCBs, total	ND	0.50	100	09/15/2022 20:33

Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
Decachlorobiphenyl	347	S	20-145	09/15/2022 20:33

Analyst(s): CN

Analytical Comments: a2,c1,h7

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC40 09142242.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/14/2022 19:31
a-BHC	ND	0.00010	1	09/14/2022 19:31
b-BHC	ND	0.00030	1	09/14/2022 19:31
d-BHC	ND	0.00020	1	09/14/2022 19:31
g-BHC	ND	0.00010	1	09/14/2022 19:31
Chlordane (Technical)	ND	0.0025	1	09/14/2022 19:31
a-Chlordane	ND	0.00010	1	09/14/2022 19:31
g-Chlordane	ND	0.00010	1	09/14/2022 19:31
p,p-DDD	ND	0.00010	1	09/14/2022 19:31
p,p-DDE	ND	0.00010	1	09/14/2022 19:31
p,p-DDT	<b>0.00015</b>	0.00010	1	09/14/2022 19:31
Dieldrin	ND	0.00010	1	09/14/2022 19:31
Endosulfan I	ND	0.00010	1	09/14/2022 19:31
Endosulfan II	ND	0.00010	1	09/14/2022 19:31
Endosulfan sulfate	ND	0.00010	1	09/14/2022 19:31
Endrin	ND	0.00010	1	09/14/2022 19:31
Endrin aldehyde	ND	0.00010	1	09/14/2022 19:31
Endrin ketone	ND	0.00010	1	09/14/2022 19:31
Heptachlor	ND	0.00010	1	09/14/2022 19:31
Heptachlor epoxide	ND	0.00010	1	09/14/2022 19:31
Hexachlorobenzene	ND	0.0010	1	09/14/2022 19:31
Hexachlorocyclopentadiene	ND	0.0020	1	09/14/2022 19:31
Methoxychlor	ND	0.00020	1	09/14/2022 19:31
Toxaphene	ND	0.0050	1	09/14/2022 19:31
Aroclor1016	ND	0.0050	1	09/14/2022 19:31
Aroclor1221	ND	0.0050	1	09/14/2022 19:31
Aroclor1232	ND	0.0050	1	09/14/2022 19:31
Aroclor1242	ND	0.0050	1	09/14/2022 19:31
Aroclor1248	ND	0.0050	1	09/14/2022 19:31
Aroclor1254	ND	0.0050	1	09/14/2022 19:31
Aroclor1260	ND	0.0050	1	09/14/2022 19:31
PCBs, total	ND	0.0050	1	09/14/2022 19:31

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	98	20-145	09/14/2022 19:31

Analyst(s): SVE

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC40 09142243.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/14/2022 19:46
a-BHC	ND	0.00010	1	09/14/2022 19:46
b-BHC	ND	0.00030	1	09/14/2022 19:46
d-BHC	ND	0.00020	1	09/14/2022 19:46
g-BHC	ND	0.00010	1	09/14/2022 19:46
Chlordane (Technical)	ND	0.0025	1	09/14/2022 19:46
a-Chlordane	ND	0.00010	1	09/14/2022 19:46
g-Chlordane	ND	0.00010	1	09/14/2022 19:46
p,p-DDD	ND	0.00010	1	09/14/2022 19:46
p,p-DDE	<b>0.00016</b>	0.00010	1	09/14/2022 19:46
p,p-DDT	ND	0.00010	1	09/14/2022 19:46
Dieldrin	ND	0.00010	1	09/14/2022 19:46
Endosulfan I	ND	0.00010	1	09/14/2022 19:46
Endosulfan II	ND	0.00010	1	09/14/2022 19:46
Endosulfan sulfate	ND	0.00010	1	09/14/2022 19:46
Endrin	ND	0.00010	1	09/14/2022 19:46
Endrin aldehyde	ND	0.00010	1	09/14/2022 19:46
Endrin ketone	ND	0.00010	1	09/14/2022 19:46
Heptachlor	ND	0.00010	1	09/14/2022 19:46
Heptachlor epoxide	ND	0.00010	1	09/14/2022 19:46
Hexachlorobenzene	ND	0.0010	1	09/14/2022 19:46
Hexachlorocyclopentadiene	ND	0.0020	1	09/14/2022 19:46
Methoxychlor	ND	0.00020	1	09/14/2022 19:46
Toxaphene	ND	0.0050	1	09/14/2022 19:46
Aroclor1016	ND	0.0050	1	09/14/2022 19:46
Aroclor1221	ND	0.0050	1	09/14/2022 19:46
Aroclor1232	ND	0.0050	1	09/14/2022 19:46
Aroclor1242	ND	0.0050	1	09/14/2022 19:46
Aroclor1248	ND	0.0050	1	09/14/2022 19:46
Aroclor1254	ND	0.0050	1	09/14/2022 19:46
Aroclor1260	ND	0.0050	1	09/14/2022 19:46
PCBs, total	ND	0.0050	1	09/14/2022 19:46

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	88	20-145	09/14/2022 19:46

Analyst(s): SVE

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC40 09142244.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/14/2022 20:00
a-BHC	ND	0.00010	1	09/14/2022 20:00
b-BHC	ND	0.00030	1	09/14/2022 20:00
d-BHC	ND	0.00020	1	09/14/2022 20:00
g-BHC	ND	0.00010	1	09/14/2022 20:00
Chlordane (Technical)	ND	0.0025	1	09/14/2022 20:00
a-Chlordane	ND	0.00010	1	09/14/2022 20:00
g-Chlordane	ND	0.00010	1	09/14/2022 20:00
p,p-DDD	ND	0.00010	1	09/14/2022 20:00
p,p-DDE	ND	0.00010	1	09/14/2022 20:00
p,p-DDT	ND	0.00010	1	09/14/2022 20:00
Dieldrin	ND	0.00010	1	09/14/2022 20:00
Endosulfan I	ND	0.00010	1	09/14/2022 20:00
Endosulfan II	ND	0.00010	1	09/14/2022 20:00
Endosulfan sulfate	ND	0.00010	1	09/14/2022 20:00
Endrin	ND	0.00010	1	09/14/2022 20:00
Endrin aldehyde	ND	0.00010	1	09/14/2022 20:00
Endrin ketone	ND	0.00010	1	09/14/2022 20:00
Heptachlor	ND	0.00010	1	09/14/2022 20:00
Heptachlor epoxide	ND	0.00010	1	09/14/2022 20:00
Hexachlorobenzene	ND	0.0010	1	09/14/2022 20:00
Hexachlorocyclopentadiene	ND	0.0020	1	09/14/2022 20:00
Methoxychlor	ND	0.00020	1	09/14/2022 20:00
Toxaphene	ND	0.0050	1	09/14/2022 20:00
Aroclor1016	ND	0.0050	1	09/14/2022 20:00
Aroclor1221	ND	0.0050	1	09/14/2022 20:00
Aroclor1232	ND	0.0050	1	09/14/2022 20:00
Aroclor1242	ND	0.0050	1	09/14/2022 20:00
Aroclor1248	ND	0.0050	1	09/14/2022 20:00
Aroclor1254	ND	0.0050	1	09/14/2022 20:00
Aroclor1260	ND	0.0050	1	09/14/2022 20:00
PCBs, total	ND	0.0050	1	09/14/2022 20:00

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	97	20-145	09/14/2022 20:00

Analyst(s): SVE

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg

### Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC40 09152245.d	253809

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.0010	10	09/15/2022 20:19
a-BHC	ND	0.0010	10	09/15/2022 20:19
b-BHC	ND	0.0030	10	09/15/2022 20:19
d-BHC	ND	0.0020	10	09/15/2022 20:19
g-BHC	ND	0.0010	10	09/15/2022 20:19
Chlordane (Technical)	ND	0.025	10	09/15/2022 20:19
a-Chlordane	ND	0.0010	10	09/15/2022 20:19
g-Chlordane	ND	0.0010	10	09/15/2022 20:19
p,p-DDD	ND	0.0010	10	09/15/2022 20:19
p,p-DDE	ND	0.0010	10	09/15/2022 20:19
p,p-DDT	ND	0.0010	10	09/15/2022 20:19
Dieldrin	ND	0.0010	10	09/15/2022 20:19
Endosulfan I	ND	0.0010	10	09/15/2022 20:19
Endosulfan II	ND	0.0010	10	09/15/2022 20:19
Endosulfan sulfate	ND	0.0010	10	09/15/2022 20:19
Endrin	ND	0.0010	10	09/15/2022 20:19
Endrin aldehyde	ND	0.0010	10	09/15/2022 20:19
Endrin ketone	ND	0.0010	10	09/15/2022 20:19
Heptachlor	ND	0.0010	10	09/15/2022 20:19
Heptachlor epoxide	ND	0.0010	10	09/15/2022 20:19
Hexachlorobenzene	ND	0.010	10	09/15/2022 20:19
Hexachlorocyclopentadiene	ND	0.020	10	09/15/2022 20:19
Methoxychlor	ND	0.0020	10	09/15/2022 20:19
Toxaphene	ND	0.050	10	09/15/2022 20:19
Aroclor1016	ND	0.050	10	09/15/2022 20:19
Aroclor1221	ND	0.050	10	09/15/2022 20:19
Aroclor1232	ND	0.050	10	09/15/2022 20:19
Aroclor1242	ND	0.050	10	09/15/2022 20:19
Aroclor1248	ND	0.050	10	09/15/2022 20:19
Aroclor1254	ND	0.050	10	09/15/2022 20:19
Aroclor1260	ND	0.050	10	09/15/2022 20:19
PCBs, total	ND	0.050	10	09/15/2022 20:19

Surrogates	REC (%)	Limits	Date Analyzed
Decachlorobiphenyl	144	20-145	09/15/2022 20:19

Analyst(s): CN

Analytical Comments: a2





## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC18 09132227.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 01:31
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 01:31
Benzene	ND	0.0050	1	09/14/2022 01:31
Bromobenzene	ND	0.0050	1	09/14/2022 01:31
Bromochloromethane	ND	0.0050	1	09/14/2022 01:31
Bromodichloromethane	ND	0.0050	1	09/14/2022 01:31
Bromoform	ND	0.0050	1	09/14/2022 01:31
Bromomethane	ND	0.0050	1	09/14/2022 01:31
2-Butanone (MEK)	ND	0.10	1	09/14/2022 01:31
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 01:31
n-Butyl benzene	ND	0.0050	1	09/14/2022 01:31
sec-Butyl benzene	ND	0.0050	1	09/14/2022 01:31
tert-Butyl benzene	ND	0.0050	1	09/14/2022 01:31
Carbon Disulfide	ND	0.0050	1	09/14/2022 01:31
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 01:31
Chlorobenzene	ND	0.0050	1	09/14/2022 01:31
Chloroethane	ND	0.0050	1	09/14/2022 01:31
Chloroform	ND	0.0050	1	09/14/2022 01:31
Chloromethane	ND	0.0050	1	09/14/2022 01:31
2-Chlorotoluene	ND	0.0050	1	09/14/2022 01:31
4-Chlorotoluene	ND	0.0050	1	09/14/2022 01:31
Dibromochloromethane	ND	0.0050	1	09/14/2022 01:31
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 01:31
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 01:31
Dibromomethane	ND	0.0050	1	09/14/2022 01:31
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 01:31
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 01:31
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 01:31
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 01:31
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 01:31
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 01:31
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 01:31
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 01:31
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 01:31
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 01:31
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 01:31
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 01:31

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC18 09132227.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 01:31
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 01:31
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 01:31
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 01:31
Ethylbenzene	ND	0.0050	1	09/14/2022 01:31
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 01:31
Freon 113	ND	0.0050	1	09/14/2022 01:31
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 01:31
Hexachloroethane	ND	0.0050	1	09/14/2022 01:31
2-Hexanone	ND	0.0050	1	09/14/2022 01:31
Isopropylbenzene	ND	0.0050	1	09/14/2022 01:31
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 01:31
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 01:31
Methylene chloride	ND	0.020	1	09/14/2022 01:31
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 01:31
Naphthalene	ND	0.0050	1	09/14/2022 01:31
n-Propyl benzene	ND	0.0050	1	09/14/2022 01:31
Styrene	ND	0.0050	1	09/14/2022 01:31
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 01:31
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 01:31
Tetrachloroethene	ND	0.0050	1	09/14/2022 01:31
Toluene	ND	0.0050	1	09/14/2022 01:31
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 01:31
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 01:31
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 01:31
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 01:31
Trichloroethene	ND	0.0050	1	09/14/2022 01:31
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 01:31
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 01:31
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 01:31
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 01:31
Vinyl Chloride	ND	0.00025	1	09/14/2022 01:31
m,p-Xylene	ND	0.0050	1	09/14/2022 01:31
o-Xylene	ND	0.0050	1	09/14/2022 01:31
Xylenes, Total	ND	0.0050	1	09/14/2022 01:31

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC18 09132227.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 01:31
Toluene-d8	99	70-140		09/14/2022 01:31
4-BFB	90	70-140		09/14/2022 01:31
Benzene-d6	90	50-140		09/14/2022 01:31
Ethylbenzene-d10	91	50-140		09/14/2022 01:31
1,2-DCB-d4	70	40-140		09/14/2022 01:31

Analyst(s): KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC18 09132228.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 02:12
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 02:12
Benzene	ND	0.0050	1	09/14/2022 02:12
Bromobenzene	ND	0.0050	1	09/14/2022 02:12
Bromochloromethane	ND	0.0050	1	09/14/2022 02:12
Bromodichloromethane	ND	0.0050	1	09/14/2022 02:12
Bromoform	ND	0.0050	1	09/14/2022 02:12
Bromomethane	ND	0.0050	1	09/14/2022 02:12
2-Butanone (MEK)	ND	0.10	1	09/14/2022 02:12
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 02:12
n-Butyl benzene	ND	0.0050	1	09/14/2022 02:12
sec-Butyl benzene	ND	0.0050	1	09/14/2022 02:12
tert-Butyl benzene	ND	0.0050	1	09/14/2022 02:12
Carbon Disulfide	ND	0.0050	1	09/14/2022 02:12
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 02:12
Chlorobenzene	ND	0.0050	1	09/14/2022 02:12
Chloroethane	ND	0.0050	1	09/14/2022 02:12
Chloroform	ND	0.0050	1	09/14/2022 02:12
Chloromethane	ND	0.0050	1	09/14/2022 02:12
2-Chlorotoluene	ND	0.0050	1	09/14/2022 02:12
4-Chlorotoluene	ND	0.0050	1	09/14/2022 02:12
Dibromochloromethane	ND	0.0050	1	09/14/2022 02:12
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 02:12
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 02:12
Dibromomethane	ND	0.0050	1	09/14/2022 02:12
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:12
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:12
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:12
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 02:12
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 02:12
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 02:12
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 02:12
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 02:12
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 02:12
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 02:12
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 02:12
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 02:12

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC18 09132228.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 02:12
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 02:12
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 02:12
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 02:12
Ethylbenzene	ND	0.0050	1	09/14/2022 02:12
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 02:12
Freon 113	ND	0.0050	1	09/14/2022 02:12
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 02:12
Hexachloroethane	ND	0.0050	1	09/14/2022 02:12
2-Hexanone	ND	0.0050	1	09/14/2022 02:12
Isopropylbenzene	ND	0.0050	1	09/14/2022 02:12
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 02:12
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 02:12
Methylene chloride	ND	0.020	1	09/14/2022 02:12
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 02:12
Naphthalene	ND	0.0050	1	09/14/2022 02:12
n-Propyl benzene	ND	0.0050	1	09/14/2022 02:12
Styrene	ND	0.0050	1	09/14/2022 02:12
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 02:12
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 02:12
Tetrachloroethene	ND	0.0050	1	09/14/2022 02:12
Toluene	ND	0.0050	1	09/14/2022 02:12
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 02:12
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 02:12
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 02:12
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 02:12
Trichloroethene	ND	0.0050	1	09/14/2022 02:12
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 02:12
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 02:12
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 02:12
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 02:12
Vinyl Chloride	ND	0.00025	1	09/14/2022 02:12
m,p-Xylene	ND	0.0050	1	09/14/2022 02:12
o-Xylene	ND	0.0050	1	09/14/2022 02:12
Xylenes, Total	ND	0.0050	1	09/14/2022 02:12

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC18 09132228.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 02:12
Toluene-d8	99	70-140		09/14/2022 02:12
4-BFB	89	70-140		09/14/2022 02:12
Benzene-d6	90	50-140		09/14/2022 02:12
Ethylbenzene-d10	92	50-140		09/14/2022 02:12
1,2-DCB-d4	71	40-140		09/14/2022 02:12

**Analyst(s):** KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC18 09132229.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 02:54
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 02:54
Benzene	ND	0.0050	1	09/14/2022 02:54
Bromobenzene	ND	0.0050	1	09/14/2022 02:54
Bromochloromethane	ND	0.0050	1	09/14/2022 02:54
Bromodichloromethane	ND	0.0050	1	09/14/2022 02:54
Bromoform	ND	0.0050	1	09/14/2022 02:54
Bromomethane	ND	0.0050	1	09/14/2022 02:54
2-Butanone (MEK)	ND	0.10	1	09/14/2022 02:54
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 02:54
n-Butyl benzene	ND	0.0050	1	09/14/2022 02:54
sec-Butyl benzene	ND	0.0050	1	09/14/2022 02:54
tert-Butyl benzene	ND	0.0050	1	09/14/2022 02:54
Carbon Disulfide	ND	0.0050	1	09/14/2022 02:54
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 02:54
Chlorobenzene	ND	0.0050	1	09/14/2022 02:54
Chloroethane	ND	0.0050	1	09/14/2022 02:54
Chloroform	ND	0.0050	1	09/14/2022 02:54
Chloromethane	ND	0.0050	1	09/14/2022 02:54
2-Chlorotoluene	ND	0.0050	1	09/14/2022 02:54
4-Chlorotoluene	ND	0.0050	1	09/14/2022 02:54
Dibromochloromethane	ND	0.0050	1	09/14/2022 02:54
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 02:54
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 02:54
Dibromomethane	ND	0.0050	1	09/14/2022 02:54
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:54
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:54
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 02:54
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 02:54
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 02:54
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 02:54
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 02:54
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 02:54
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 02:54
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 02:54
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 02:54
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 02:54

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC18 09132229.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 02:54
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 02:54
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 02:54
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 02:54
Ethylbenzene	ND	0.0050	1	09/14/2022 02:54
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 02:54
Freon 113	ND	0.0050	1	09/14/2022 02:54
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 02:54
Hexachloroethane	ND	0.0050	1	09/14/2022 02:54
2-Hexanone	ND	0.0050	1	09/14/2022 02:54
Isopropylbenzene	ND	0.0050	1	09/14/2022 02:54
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 02:54
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 02:54
Methylene chloride	ND	0.020	1	09/14/2022 02:54
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 02:54
Naphthalene	ND	0.0050	1	09/14/2022 02:54
n-Propyl benzene	ND	0.0050	1	09/14/2022 02:54
Styrene	ND	0.0050	1	09/14/2022 02:54
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 02:54
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 02:54
Tetrachloroethene	ND	0.0050	1	09/14/2022 02:54
Toluene	ND	0.0050	1	09/14/2022 02:54
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 02:54
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 02:54
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 02:54
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 02:54
Trichloroethene	ND	0.0050	1	09/14/2022 02:54
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 02:54
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 02:54
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 02:54
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 02:54
Vinyl Chloride	ND	0.00025	1	09/14/2022 02:54
m,p-Xylene	ND	0.0050	1	09/14/2022 02:54
o-Xylene	ND	0.0050	1	09/14/2022 02:54
Xylenes, Total	ND	0.0050	1	09/14/2022 02:54

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC18 09132229.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 02:54
Toluene-d8	100	70-140		09/14/2022 02:54
4-BFB	93	70-140		09/14/2022 02:54
Benzene-d6	89	50-140		09/14/2022 02:54
Ethylbenzene-d10	92	50-140		09/14/2022 02:54
1,2-DCB-d4	72	40-140		09/14/2022 02:54

**Analyst(s):** KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC18 09132230.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 03:36
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 03:36
Benzene	ND	0.0050	1	09/14/2022 03:36
Bromobenzene	ND	0.0050	1	09/14/2022 03:36
Bromochloromethane	ND	0.0050	1	09/14/2022 03:36
Bromodichloromethane	ND	0.0050	1	09/14/2022 03:36
Bromoform	ND	0.0050	1	09/14/2022 03:36
Bromomethane	ND	0.0050	1	09/14/2022 03:36
2-Butanone (MEK)	ND	0.10	1	09/14/2022 03:36
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 03:36
n-Butyl benzene	ND	0.0050	1	09/14/2022 03:36
sec-Butyl benzene	ND	0.0050	1	09/14/2022 03:36
tert-Butyl benzene	ND	0.0050	1	09/14/2022 03:36
Carbon Disulfide	ND	0.0050	1	09/14/2022 03:36
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 03:36
Chlorobenzene	ND	0.0050	1	09/14/2022 03:36
Chloroethane	ND	0.0050	1	09/14/2022 03:36
Chloroform	ND	0.0050	1	09/14/2022 03:36
Chloromethane	ND	0.0050	1	09/14/2022 03:36
2-Chlorotoluene	ND	0.0050	1	09/14/2022 03:36
4-Chlorotoluene	ND	0.0050	1	09/14/2022 03:36
Dibromochloromethane	ND	0.0050	1	09/14/2022 03:36
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 03:36
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 03:36
Dibromomethane	ND	0.0050	1	09/14/2022 03:36
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 03:36
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 03:36
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 03:36
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 03:36
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 03:36
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 03:36
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 03:36
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 03:36
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 03:36
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 03:36
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 03:36
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 03:36

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC18 09132230.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 03:36
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 03:36
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 03:36
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 03:36
Ethylbenzene	ND	0.0050	1	09/14/2022 03:36
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 03:36
Freon 113	ND	0.0050	1	09/14/2022 03:36
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 03:36
Hexachloroethane	ND	0.0050	1	09/14/2022 03:36
2-Hexanone	ND	0.0050	1	09/14/2022 03:36
Isopropylbenzene	ND	0.0050	1	09/14/2022 03:36
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 03:36
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 03:36
Methylene chloride	ND	0.020	1	09/14/2022 03:36
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 03:36
Naphthalene	ND	0.0050	1	09/14/2022 03:36
n-Propyl benzene	ND	0.0050	1	09/14/2022 03:36
Styrene	ND	0.0050	1	09/14/2022 03:36
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 03:36
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 03:36
Tetrachloroethene	ND	0.0050	1	09/14/2022 03:36
Toluene	ND	0.0050	1	09/14/2022 03:36
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 03:36
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 03:36
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 03:36
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 03:36
Trichloroethene	ND	0.0050	1	09/14/2022 03:36
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 03:36
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 03:36
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 03:36
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 03:36
Vinyl Chloride	ND	0.00025	1	09/14/2022 03:36
m,p-Xylene	ND	0.0050	1	09/14/2022 03:36
o-Xylene	ND	0.0050	1	09/14/2022 03:36
Xylenes, Total	ND	0.0050	1	09/14/2022 03:36

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC18 09132230.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 03:36
Toluene-d8	99	70-140		09/14/2022 03:36
4-BFB	91	70-140		09/14/2022 03:36
Benzene-d6	82	50-140		09/14/2022 03:36
Ethylbenzene-d10	83	50-140		09/14/2022 03:36
1,2-DCB-d4	66	40-140		09/14/2022 03:36

**Analyst(s):** KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC18 09132231.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 04:17
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 04:17
Benzene	ND	0.0050	1	09/14/2022 04:17
Bromobenzene	ND	0.0050	1	09/14/2022 04:17
Bromochloromethane	ND	0.0050	1	09/14/2022 04:17
Bromodichloromethane	ND	0.0050	1	09/14/2022 04:17
Bromoform	ND	0.0050	1	09/14/2022 04:17
Bromomethane	ND	0.0050	1	09/14/2022 04:17
2-Butanone (MEK)	ND	0.10	1	09/14/2022 04:17
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 04:17
n-Butyl benzene	ND	0.0050	1	09/14/2022 04:17
sec-Butyl benzene	ND	0.0050	1	09/14/2022 04:17
tert-Butyl benzene	ND	0.0050	1	09/14/2022 04:17
Carbon Disulfide	ND	0.0050	1	09/14/2022 04:17
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 04:17
Chlorobenzene	ND	0.0050	1	09/14/2022 04:17
Chloroethane	ND	0.0050	1	09/14/2022 04:17
Chloroform	ND	0.0050	1	09/14/2022 04:17
Chloromethane	ND	0.0050	1	09/14/2022 04:17
2-Chlorotoluene	ND	0.0050	1	09/14/2022 04:17
4-Chlorotoluene	ND	0.0050	1	09/14/2022 04:17
Dibromochloromethane	ND	0.0050	1	09/14/2022 04:17
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 04:17
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 04:17
Dibromomethane	ND	0.0050	1	09/14/2022 04:17
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:17
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:17
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:17
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 04:17
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 04:17
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 04:17
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 04:17
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 04:17
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 04:17
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 04:17
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 04:17
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 04:17

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC18 09132231.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 04:17
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 04:17
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 04:17
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 04:17
Ethylbenzene	ND	0.0050	1	09/14/2022 04:17
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 04:17
Freon 113	ND	0.0050	1	09/14/2022 04:17
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 04:17
Hexachloroethane	ND	0.0050	1	09/14/2022 04:17
2-Hexanone	ND	0.0050	1	09/14/2022 04:17
Isopropylbenzene	ND	0.0050	1	09/14/2022 04:17
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 04:17
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 04:17
Methylene chloride	ND	0.020	1	09/14/2022 04:17
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 04:17
Naphthalene	ND	0.0050	1	09/14/2022 04:17
n-Propyl benzene	ND	0.0050	1	09/14/2022 04:17
Styrene	ND	0.0050	1	09/14/2022 04:17
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 04:17
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 04:17
Tetrachloroethene	ND	0.0050	1	09/14/2022 04:17
Toluene	ND	0.0050	1	09/14/2022 04:17
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 04:17
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 04:17
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 04:17
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 04:17
Trichloroethene	ND	0.0050	1	09/14/2022 04:17
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 04:17
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 04:17
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 04:17
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 04:17
Vinyl Chloride	ND	0.00025	1	09/14/2022 04:17
m,p-Xylene	ND	0.0050	1	09/14/2022 04:17
o-Xylene	ND	0.0050	1	09/14/2022 04:17
Xylenes, Total	ND	0.0050	1	09/14/2022 04:17

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC18 09132231.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 04:17
Toluene-d8	101	70-140		09/14/2022 04:17
4-BFB	89	70-140		09/14/2022 04:17
Benzene-d6	92	50-140		09/14/2022 04:17
Ethylbenzene-d10	98	50-140		09/14/2022 04:17
1,2-DCB-d4	72	40-140		09/14/2022 04:17

**Analyst(s):** KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC18 09132232.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 04:59
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 04:59
Benzene	ND	0.0050	1	09/14/2022 04:59
Bromobenzene	ND	0.0050	1	09/14/2022 04:59
Bromochloromethane	ND	0.0050	1	09/14/2022 04:59
Bromodichloromethane	ND	0.0050	1	09/14/2022 04:59
Bromoform	ND	0.0050	1	09/14/2022 04:59
Bromomethane	ND	0.0050	1	09/14/2022 04:59
2-Butanone (MEK)	ND	0.10	1	09/14/2022 04:59
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 04:59
n-Butyl benzene	ND	0.0050	1	09/14/2022 04:59
sec-Butyl benzene	ND	0.0050	1	09/14/2022 04:59
tert-Butyl benzene	ND	0.0050	1	09/14/2022 04:59
Carbon Disulfide	ND	0.0050	1	09/14/2022 04:59
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 04:59
Chlorobenzene	ND	0.0050	1	09/14/2022 04:59
Chloroethane	ND	0.0050	1	09/14/2022 04:59
Chloroform	ND	0.0050	1	09/14/2022 04:59
Chloromethane	ND	0.0050	1	09/14/2022 04:59
2-Chlorotoluene	ND	0.0050	1	09/14/2022 04:59
4-Chlorotoluene	ND	0.0050	1	09/14/2022 04:59
Dibromochloromethane	ND	0.0050	1	09/14/2022 04:59
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 04:59
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 04:59
Dibromomethane	ND	0.0050	1	09/14/2022 04:59
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:59
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:59
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 04:59
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 04:59
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 04:59
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 04:59
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 04:59
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 04:59
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 04:59
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 04:59
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 04:59
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 04:59

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC18 09132232.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 04:59
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 04:59
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 04:59
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 04:59
Ethylbenzene	ND	0.0050	1	09/14/2022 04:59
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 04:59
Freon 113	ND	0.0050	1	09/14/2022 04:59
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 04:59
Hexachloroethane	ND	0.0050	1	09/14/2022 04:59
2-Hexanone	ND	0.0050	1	09/14/2022 04:59
Isopropylbenzene	ND	0.0050	1	09/14/2022 04:59
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 04:59
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 04:59
Methylene chloride	ND	0.020	1	09/14/2022 04:59
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 04:59
Naphthalene	ND	0.0050	1	09/14/2022 04:59
n-Propyl benzene	ND	0.0050	1	09/14/2022 04:59
Styrene	ND	0.0050	1	09/14/2022 04:59
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 04:59
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 04:59
Tetrachloroethene	ND	0.0050	1	09/14/2022 04:59
Toluene	ND	0.0050	1	09/14/2022 04:59
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 04:59
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 04:59
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 04:59
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 04:59
Trichloroethene	ND	0.0050	1	09/14/2022 04:59
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 04:59
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 04:59
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 04:59
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 04:59
Vinyl Chloride	ND	0.00025	1	09/14/2022 04:59
m,p-Xylene	ND	0.0050	1	09/14/2022 04:59
o-Xylene	ND	0.0050	1	09/14/2022 04:59
Xylenes, Total	ND	0.0050	1	09/14/2022 04:59

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC18 09132232.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	96	70-140		09/14/2022 04:59
Toluene-d8	100	70-140		09/14/2022 04:59
4-BFB	92	70-140		09/14/2022 04:59
Benzene-d6	88	50-140		09/14/2022 04:59
Ethylbenzene-d10	93	50-140		09/14/2022 04:59
1,2-DCB-d4	70	40-140		09/14/2022 04:59

**Analyst(s):** KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC18 09132233.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.20	1	09/14/2022 05:40
tert-Amyl methyl ether (TAME)	ND	0.0050	1	09/14/2022 05:40
Benzene	ND	0.0050	1	09/14/2022 05:40
Bromobenzene	ND	0.0050	1	09/14/2022 05:40
Bromochloromethane	ND	0.0050	1	09/14/2022 05:40
Bromodichloromethane	ND	0.0050	1	09/14/2022 05:40
Bromoform	ND	0.0050	1	09/14/2022 05:40
Bromomethane	ND	0.0050	1	09/14/2022 05:40
2-Butanone (MEK)	ND	0.10	1	09/14/2022 05:40
t-Butyl alcohol (TBA)	ND	0.050	1	09/14/2022 05:40
n-Butyl benzene	ND	0.0050	1	09/14/2022 05:40
sec-Butyl benzene	ND	0.0050	1	09/14/2022 05:40
tert-Butyl benzene	ND	0.0050	1	09/14/2022 05:40
Carbon Disulfide	ND	0.0050	1	09/14/2022 05:40
Carbon Tetrachloride	ND	0.0050	1	09/14/2022 05:40
Chlorobenzene	ND	0.0050	1	09/14/2022 05:40
Chloroethane	ND	0.0050	1	09/14/2022 05:40
Chloroform	ND	0.0050	1	09/14/2022 05:40
Chloromethane	ND	0.0050	1	09/14/2022 05:40
2-Chlorotoluene	ND	0.0050	1	09/14/2022 05:40
4-Chlorotoluene	ND	0.0050	1	09/14/2022 05:40
Dibromochloromethane	ND	0.0050	1	09/14/2022 05:40
1,2-Dibromo-3-chloropropane	ND	0.00050	1	09/14/2022 05:40
1,2-Dibromoethane (EDB)	ND	0.00025	1	09/14/2022 05:40
Dibromomethane	ND	0.0050	1	09/14/2022 05:40
1,2-Dichlorobenzene	ND	0.0050	1	09/14/2022 05:40
1,3-Dichlorobenzene	ND	0.0050	1	09/14/2022 05:40
1,4-Dichlorobenzene	ND	0.0050	1	09/14/2022 05:40
Dichlorodifluoromethane	ND	0.0050	1	09/14/2022 05:40
1,1-Dichloroethane	ND	0.0050	1	09/14/2022 05:40
1,2-Dichloroethane (1,2-DCA)	ND	0.00010	1	09/14/2022 05:40
1,1-Dichloroethene	ND	0.0050	1	09/14/2022 05:40
cis-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 05:40
trans-1,2-Dichloroethene	ND	0.0050	1	09/14/2022 05:40
1,2-Dichloropropane	ND	0.0050	1	09/14/2022 05:40
1,3-Dichloropropane	ND	0.0050	1	09/14/2022 05:40
2,2-Dichloropropane	ND	0.0050	1	09/14/2022 05:40

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC18 09132233.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	09/14/2022 05:40
cis-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 05:40
trans-1,3-Dichloropropene	ND	0.0050	1	09/14/2022 05:40
Diisopropyl ether (DIPE)	ND	0.0050	1	09/14/2022 05:40
Ethylbenzene	ND	0.0050	1	09/14/2022 05:40
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	09/14/2022 05:40
Freon 113	ND	0.0050	1	09/14/2022 05:40
Hexachlorobutadiene	ND	0.0050	1	09/14/2022 05:40
Hexachloroethane	ND	0.0050	1	09/14/2022 05:40
2-Hexanone	ND	0.0050	1	09/14/2022 05:40
Isopropylbenzene	ND	0.0050	1	09/14/2022 05:40
4-Isopropyl toluene	ND	0.0050	1	09/14/2022 05:40
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	09/14/2022 05:40
Methylene chloride	ND	0.020	1	09/14/2022 05:40
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	09/14/2022 05:40
Naphthalene	ND	0.0050	1	09/14/2022 05:40
n-Propyl benzene	ND	0.0050	1	09/14/2022 05:40
Styrene	ND	0.0050	1	09/14/2022 05:40
1,1,1,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 05:40
1,1,2,2-Tetrachloroethane	ND	0.0050	1	09/14/2022 05:40
Tetrachloroethene	ND	0.0050	1	09/14/2022 05:40
Toluene	ND	0.0050	1	09/14/2022 05:40
1,2,3-Trichlorobenzene	ND	0.0050	1	09/14/2022 05:40
1,2,4-Trichlorobenzene	ND	0.0050	1	09/14/2022 05:40
1,1,1-Trichloroethane	ND	0.0050	1	09/14/2022 05:40
1,1,2-Trichloroethane	ND	0.0050	1	09/14/2022 05:40
Trichloroethene	ND	0.0050	1	09/14/2022 05:40
Trichlorofluoromethane	ND	0.0050	1	09/14/2022 05:40
1,2,3-Trichloropropane	ND	0.00025	1	09/14/2022 05:40
1,2,4-Trimethylbenzene	ND	0.0050	1	09/14/2022 05:40
1,3,5-Trimethylbenzene	ND	0.0050	1	09/14/2022 05:40
Vinyl Chloride	ND	0.00025	1	09/14/2022 05:40
m,p-Xylene	ND	0.0050	1	09/14/2022 05:40
o-Xylene	ND	0.0050	1	09/14/2022 05:40
Xylenes, Total	ND	0.0050	1	09/14/2022 05:40

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC18 09132233.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 05:40
Toluene-d8	99	70-140		09/14/2022 05:40
4-BFB	91	70-140		09/14/2022 05:40
Benzene-d6	90	50-140		09/14/2022 05:40
Ethylbenzene-d10	91	50-140		09/14/2022 05:40
1,2-DCB-d4	68	40-140		09/14/2022 05:40

**Analyst(s):** KF



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC18 09132234.D	253723

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	2.0	10	09/14/2022 06:21
tert-Amyl methyl ether (TAME)	ND	0.050	10	09/14/2022 06:21
Benzene	ND	0.050	10	09/14/2022 06:21
Bromobenzene	ND	0.050	10	09/14/2022 06:21
Bromochloromethane	ND	0.050	10	09/14/2022 06:21
Bromodichloromethane	ND	0.050	10	09/14/2022 06:21
Bromoform	ND	0.050	10	09/14/2022 06:21
Bromomethane	ND	0.050	10	09/14/2022 06:21
2-Butanone (MEK)	ND	1.0	10	09/14/2022 06:21
t-Butyl alcohol (TBA)	ND	0.50	10	09/14/2022 06:21
n-Butyl benzene	<b>0.25</b>	0.050	10	09/14/2022 06:21
sec-Butyl benzene	ND	0.050	10	09/14/2022 06:21
tert-Butyl benzene	ND	0.050	10	09/14/2022 06:21
Carbon Disulfide	ND	0.050	10	09/14/2022 06:21
Carbon Tetrachloride	ND	0.050	10	09/14/2022 06:21
Chlorobenzene	ND	0.050	10	09/14/2022 06:21
Chloroethane	ND	0.050	10	09/14/2022 06:21
Chloroform	ND	0.050	10	09/14/2022 06:21
Chloromethane	ND	0.050	10	09/14/2022 06:21
2-Chlorotoluene	ND	0.050	10	09/14/2022 06:21
4-Chlorotoluene	ND	0.050	10	09/14/2022 06:21
Dibromochloromethane	ND	0.050	10	09/14/2022 06:21
1,2-Dibromo-3-chloropropane	ND	0.0050	10	09/14/2022 06:21
1,2-Dibromoethane (EDB)	ND	0.0025	10	09/14/2022 06:21
Dibromomethane	ND	0.050	10	09/14/2022 06:21
1,2-Dichlorobenzene	ND	0.050	10	09/14/2022 06:21
1,3-Dichlorobenzene	ND	0.050	10	09/14/2022 06:21
1,4-Dichlorobenzene	ND	0.050	10	09/14/2022 06:21
Dichlorodifluoromethane	ND	0.050	10	09/14/2022 06:21
1,1-Dichloroethane	ND	0.050	10	09/14/2022 06:21
1,2-Dichloroethane (1,2-DCA)	ND	0.0010	10	09/14/2022 06:21
1,1-Dichloroethene	ND	0.050	10	09/14/2022 06:21
cis-1,2-Dichloroethene	ND	0.050	10	09/14/2022 06:21
trans-1,2-Dichloroethene	ND	0.050	10	09/14/2022 06:21
1,2-Dichloropropane	ND	0.050	10	09/14/2022 06:21
1,3-Dichloropropane	ND	0.050	10	09/14/2022 06:21
2,2-Dichloropropane	ND	0.050	10	09/14/2022 06:21

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC18 09132234.D	253723

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.050	10	09/14/2022 06:21
cis-1,3-Dichloropropene	ND	0.050	10	09/14/2022 06:21
trans-1,3-Dichloropropene	ND	0.050	10	09/14/2022 06:21
Diisopropyl ether (DIPE)	ND	0.050	10	09/14/2022 06:21
Ethylbenzene	ND	0.050	10	09/14/2022 06:21
Ethyl tert-butyl ether (ETBE)	ND	0.050	10	09/14/2022 06:21
Freon 113	ND	0.050	10	09/14/2022 06:21
Hexachlorobutadiene	ND	0.050	10	09/14/2022 06:21
Hexachloroethane	ND	0.050	10	09/14/2022 06:21
2-Hexanone	ND	0.050	10	09/14/2022 06:21
Isopropylbenzene	ND	0.050	10	09/14/2022 06:21
4-Isopropyl toluene	ND	0.050	10	09/14/2022 06:21
Methyl-t-butyl ether (MTBE)	ND	0.050	10	09/14/2022 06:21
Methylene chloride	ND	0.20	10	09/14/2022 06:21
4-Methyl-2-pentanone (MIBK)	ND	0.050	10	09/14/2022 06:21
Naphthalene	<b>0.89</b>	0.050	10	09/14/2022 06:21
n-Propyl benzene	<b>0.054</b>	0.050	10	09/14/2022 06:21
Styrene	ND	0.050	10	09/14/2022 06:21
1,1,1,2-Tetrachloroethane	ND	0.050	10	09/14/2022 06:21
1,1,2,2-Tetrachloroethane	ND	0.050	10	09/14/2022 06:21
Tetrachloroethene	ND	0.050	10	09/14/2022 06:21
Toluene	ND	0.050	10	09/14/2022 06:21
1,2,3-Trichlorobenzene	ND	0.050	10	09/14/2022 06:21
1,2,4-Trichlorobenzene	ND	0.050	10	09/14/2022 06:21
1,1,1-Trichloroethane	ND	0.050	10	09/14/2022 06:21
1,1,2-Trichloroethane	ND	0.050	10	09/14/2022 06:21
Trichloroethene	ND	0.050	10	09/14/2022 06:21
Trichlorofluoromethane	ND	0.050	10	09/14/2022 06:21
1,2,3-Trichloropropane	ND	0.0025	10	09/14/2022 06:21
1,2,4-Trimethylbenzene	<b>0.60</b>	0.050	10	09/14/2022 06:21
1,3,5-Trimethylbenzene	<b>0.12</b>	0.050	10	09/14/2022 06:21
Vinyl Chloride	ND	0.0025	10	09/14/2022 06:21
m,p-Xylene	ND	0.050	10	09/14/2022 06:21
o-Xylene	ND	0.050	10	09/14/2022 06:21
Xylenes, Total	ND	0.050	10	09/14/2022 06:21

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg

### Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC18 09132234.D	253723

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
Dibromofluoromethane	98	70-140		09/14/2022 06:21
Toluene-d8	91	70-140		09/14/2022 06:21
4-BFB	78	70-140		09/14/2022 06:21
Benzene-d6	96	50-140		09/14/2022 06:21
Ethylbenzene-d10	103	50-140		09/14/2022 06:21
1,2-DCB-d4	84	40-140		09/14/2022 06:21

Analyst(s): KF





## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC17 09142214.D	253764

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	09/14/2022 15:08
Acenaphthylene	ND	0.0013	1	09/14/2022 15:08
Acetochlor	ND	0.25	1	09/14/2022 15:08
Anthracene	ND	0.0013	1	09/14/2022 15:08
Benzidine	ND	1.2	1	09/14/2022 15:08
Benzo (a) anthracene	ND	0.013	1	09/14/2022 15:08
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 15:08
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 15:08
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 15:08
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 15:08
Benzyl Alcohol	ND	1.2	1	09/14/2022 15:08
1,1-Biphenyl	ND	0.013	1	09/14/2022 15:08
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 15:08
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 15:08
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 15:08
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 15:08
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 15:08
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 15:08
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 15:08
4-Chloroaniline	ND	0.0025	1	09/14/2022 15:08
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 15:08
2-Chloronaphthalene	ND	0.25	1	09/14/2022 15:08
2-Chlorophenol	ND	0.013	1	09/14/2022 15:08
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 15:08
Chrysene	ND	0.0025	1	09/14/2022 15:08
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 15:08
Dibenzofuran	ND	0.0013	1	09/14/2022 15:08
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 15:08
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 15:08
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 15:08
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 15:08
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 15:08
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 15:08
Diethyl Phthalate	ND	0.013	1	09/14/2022 15:08
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 15:08
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 15:08
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 15:08

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC17 09142214.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 15:08
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 15:08
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 15:08
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 15:08
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 15:08
Fluoranthene	ND	0.0013	1	09/14/2022 15:08
Fluorene	ND	0.0025	1	09/14/2022 15:08
Hexachlorobenzene	ND	0.0013	1	09/14/2022 15:08
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 15:08
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 15:08
Hexachloroethane	ND	0.013	1	09/14/2022 15:08
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 15:08
Isophorone	ND	0.25	1	09/14/2022 15:08
1-Methylnaphthalene	ND	0.0013	1	09/14/2022 15:08
2-Methylnaphthalene	ND	0.0025	1	09/14/2022 15:08
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 15:08
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 15:08
Naphthalene	ND	0.0062	1	09/14/2022 15:08
2-Nitroaniline	ND	1.2	1	09/14/2022 15:08
3-Nitroaniline	ND	1.2	1	09/14/2022 15:08
4-Nitroaniline	ND	1.2	1	09/14/2022 15:08
Nitrobenzene	ND	0.25	1	09/14/2022 15:08
2-Nitrophenol	ND	1.2	1	09/14/2022 15:08
4-Nitrophenol	ND	1.2	1	09/14/2022 15:08
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 15:08
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 15:08
Pentachlorophenol	ND	0.062	1	09/14/2022 15:08
Phenanthrene	ND	0.0050	1	09/14/2022 15:08
Phenol	ND	0.050	1	09/14/2022 15:08
Pyrene	ND	0.0025	1	09/14/2022 15:08
Pyridine	ND	0.25	1	09/14/2022 15:08
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 15:08
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 15:08
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 15:08

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC17 09142214.D	253764

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
2-Fluorophenol	129	60-130		09/14/2022 15:08
Phenol-d5	115	60-130		09/14/2022 15:08
Nitrobenzene-d5	110	60-130		09/14/2022 15:08
2-Fluorobiphenyl	115	60-130		09/14/2022 15:08
2,4,6-Tribromophenol	97	50-130		09/14/2022 15:08
4-Terphenyl-d14	118	50-130		09/14/2022 15:08

Analyst(s): MV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC17 09142215.D	253764

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	09/14/2022 15:36
Acenaphthylene	ND	0.0013	1	09/14/2022 15:36
Acetochlor	ND	0.25	1	09/14/2022 15:36
Anthracene	ND	0.0013	1	09/14/2022 15:36
Benzidine	ND	1.2	1	09/14/2022 15:36
Benzo (a) anthracene	ND	0.013	1	09/14/2022 15:36
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 15:36
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 15:36
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 15:36
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 15:36
Benzyl Alcohol	ND	1.2	1	09/14/2022 15:36
1,1-Biphenyl	ND	0.013	1	09/14/2022 15:36
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 15:36
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 15:36
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 15:36
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 15:36
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 15:36
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 15:36
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 15:36
4-Chloroaniline	ND	0.0025	1	09/14/2022 15:36
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 15:36
2-Chloronaphthalene	ND	0.25	1	09/14/2022 15:36
2-Chlorophenol	ND	0.013	1	09/14/2022 15:36
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 15:36
Chrysene	ND	0.0025	1	09/14/2022 15:36
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 15:36
Dibenzofuran	ND	0.0013	1	09/14/2022 15:36
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 15:36
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 15:36
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 15:36
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 15:36
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 15:36
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 15:36
Diethyl Phthalate	ND	0.013	1	09/14/2022 15:36
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 15:36
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 15:36
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 15:36

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC17 09142215.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 15:36
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 15:36
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 15:36
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 15:36
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 15:36
Fluoranthene	ND	0.0013	1	09/14/2022 15:36
Fluorene	ND	0.0025	1	09/14/2022 15:36
Hexachlorobenzene	ND	0.0013	1	09/14/2022 15:36
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 15:36
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 15:36
Hexachloroethane	ND	0.013	1	09/14/2022 15:36
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 15:36
Isophorone	ND	0.25	1	09/14/2022 15:36
1-Methylnaphthalene	ND	0.0013	1	09/14/2022 15:36
2-Methylnaphthalene	ND	0.0025	1	09/14/2022 15:36
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 15:36
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 15:36
Naphthalene	ND	0.0062	1	09/14/2022 15:36
2-Nitroaniline	ND	1.2	1	09/14/2022 15:36
3-Nitroaniline	ND	1.2	1	09/14/2022 15:36
4-Nitroaniline	ND	1.2	1	09/14/2022 15:36
Nitrobenzene	ND	0.25	1	09/14/2022 15:36
2-Nitrophenol	ND	1.2	1	09/14/2022 15:36
4-Nitrophenol	ND	1.2	1	09/14/2022 15:36
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 15:36
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 15:36
Pentachlorophenol	ND	0.062	1	09/14/2022 15:36
Phenanthrene	ND	0.0050	1	09/14/2022 15:36
Phenol	ND	0.050	1	09/14/2022 15:36
Pyrene	ND	0.0025	1	09/14/2022 15:36
Pyridine	ND	0.25	1	09/14/2022 15:36
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 15:36
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 15:36
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 15:36

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC17 09142215.D	253764

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	117	60-130		09/14/2022 15:36
Phenol-d5	106	60-130		09/14/2022 15:36
Nitrobenzene-d5	100	60-130		09/14/2022 15:36
2-Fluorobiphenyl	101	60-130		09/14/2022 15:36
2,4,6-Tribromophenol	88	50-130		09/14/2022 15:36
4-Terphenyl-d14	107	50-130		09/14/2022 15:36

**Analyst(s):** MV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC17 09142216.D	253764

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	09/14/2022 16:03
Acenaphthylene	ND	0.0013	1	09/14/2022 16:03
Acetochlor	ND	0.25	1	09/14/2022 16:03
Anthracene	ND	0.0013	1	09/14/2022 16:03
Benzidine	ND	1.2	1	09/14/2022 16:03
Benzo (a) anthracene	ND	0.013	1	09/14/2022 16:03
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 16:03
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 16:03
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 16:03
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 16:03
Benzyl Alcohol	ND	1.2	1	09/14/2022 16:03
1,1-Biphenyl	ND	0.013	1	09/14/2022 16:03
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 16:03
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 16:03
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 16:03
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 16:03
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 16:03
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:03
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 16:03
4-Chloroaniline	ND	0.0025	1	09/14/2022 16:03
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 16:03
2-Chloronaphthalene	ND	0.25	1	09/14/2022 16:03
2-Chlorophenol	ND	0.013	1	09/14/2022 16:03
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:03
Chrysene	ND	0.0025	1	09/14/2022 16:03
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 16:03
Dibenzofuran	ND	0.0013	1	09/14/2022 16:03
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 16:03
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 16:03
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 16:03
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 16:03
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 16:03
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 16:03
Diethyl Phthalate	ND	0.013	1	09/14/2022 16:03
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 16:03
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 16:03
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 16:03

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC17 09142216.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 16:03
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 16:03
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 16:03
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 16:03
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 16:03
Fluoranthene	ND	0.0013	1	09/14/2022 16:03
Fluorene	ND	0.0025	1	09/14/2022 16:03
Hexachlorobenzene	ND	0.0013	1	09/14/2022 16:03
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 16:03
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 16:03
Hexachloroethane	ND	0.013	1	09/14/2022 16:03
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 16:03
Isophorone	ND	0.25	1	09/14/2022 16:03
1-Methylnaphthalene	ND	0.0013	1	09/14/2022 16:03
2-Methylnaphthalene	ND	0.0025	1	09/14/2022 16:03
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 16:03
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 16:03
Naphthalene	ND	0.0062	1	09/14/2022 16:03
2-Nitroaniline	ND	1.2	1	09/14/2022 16:03
3-Nitroaniline	ND	1.2	1	09/14/2022 16:03
4-Nitroaniline	ND	1.2	1	09/14/2022 16:03
Nitrobenzene	ND	0.25	1	09/14/2022 16:03
2-Nitrophenol	ND	1.2	1	09/14/2022 16:03
4-Nitrophenol	ND	1.2	1	09/14/2022 16:03
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 16:03
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 16:03
Pentachlorophenol	ND	0.062	1	09/14/2022 16:03
Phenanthrene	ND	0.0050	1	09/14/2022 16:03
Phenol	ND	0.050	1	09/14/2022 16:03
Pyrene	ND	0.0025	1	09/14/2022 16:03
Pyridine	ND	0.25	1	09/14/2022 16:03
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 16:03
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 16:03
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 16:03

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC17 09142216.D	253764

Analytes	Result	RL	DF	Date Analyzed
<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>		
2-Fluorophenol	87	60-130		09/14/2022 16:03
Phenol-d5	77	60-130		09/14/2022 16:03
Nitrobenzene-d5	72	60-130		09/14/2022 16:03
2-Fluorobiphenyl	76	60-130		09/14/2022 16:03
2,4,6-Tribromophenol	62	50-130		09/14/2022 16:03
4-Terphenyl-d14	83	50-130		09/14/2022 16:03

Analyst(s): MV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC17 09142217.D	253764

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	0.0053	0.0013	1	09/14/2022 16:31
Acenaphthylene	0.0015	0.0013	1	09/14/2022 16:31
Acetochlor	ND	0.25	1	09/14/2022 16:31
Anthracene	ND	0.0013	1	09/14/2022 16:31
Benzidine	ND	1.2	1	09/14/2022 16:31
Benzo (a) anthracene	ND	0.013	1	09/14/2022 16:31
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 16:31
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 16:31
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 16:31
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 16:31
Benzyl Alcohol	ND	1.2	1	09/14/2022 16:31
1,1-Biphenyl	ND	0.013	1	09/14/2022 16:31
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 16:31
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 16:31
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 16:31
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 16:31
Bis (2-ethylhexyl) Phthalate	0.29	0.025	1	09/14/2022 16:31
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:31
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 16:31
4-Chloroaniline	ND	0.0025	1	09/14/2022 16:31
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 16:31
2-Chloronaphthalene	ND	0.25	1	09/14/2022 16:31
2-Chlorophenol	ND	0.013	1	09/14/2022 16:31
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:31
Chrysene	ND	0.0025	1	09/14/2022 16:31
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 16:31
Dibenzofuran	0.0032	0.0013	1	09/14/2022 16:31
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 16:31
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 16:31
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 16:31
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 16:31
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 16:31
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 16:31
Diethyl Phthalate	ND	0.013	1	09/14/2022 16:31
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 16:31
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 16:31
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 16:31

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC17 09142217.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 16:31
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 16:31
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 16:31
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 16:31
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 16:31
Fluoranthene	<b>0.0025</b>	0.0013	1	09/14/2022 16:31
Fluorene	<b>0.017</b>	0.0025	1	09/14/2022 16:31
Hexachlorobenzene	ND	0.0013	1	09/14/2022 16:31
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 16:31
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 16:31
Hexachloroethane	ND	0.013	1	09/14/2022 16:31
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 16:31
Isophorone	ND	0.25	1	09/14/2022 16:31
1-Methylnaphthalene	<b>0.0034</b>	0.0013	1	09/14/2022 16:31
2-Methylnaphthalene	ND	0.0025	1	09/14/2022 16:31
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 16:31
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 16:31
Naphthalene	ND	0.0062	1	09/14/2022 16:31
2-Nitroaniline	ND	1.2	1	09/14/2022 16:31
3-Nitroaniline	ND	1.2	1	09/14/2022 16:31
4-Nitroaniline	ND	1.2	1	09/14/2022 16:31
Nitrobenzene	ND	0.25	1	09/14/2022 16:31
2-Nitrophenol	ND	1.2	1	09/14/2022 16:31
4-Nitrophenol	ND	1.2	1	09/14/2022 16:31
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 16:31
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 16:31
Pentachlorophenol	ND	0.062	1	09/14/2022 16:31
Phenanthrene	ND	0.0050	1	09/14/2022 16:31
Phenol	ND	0.050	1	09/14/2022 16:31
Pyrene	<b>0.0070</b>	0.0025	1	09/14/2022 16:31
Pyridine	ND	0.25	1	09/14/2022 16:31
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 16:31
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 16:31
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 16:31

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC17 09142217.D	253764

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	92	60-130		09/14/2022 16:31
Phenol-d5	84	60-130		09/14/2022 16:31
Nitrobenzene-d5	78	60-130		09/14/2022 16:31
2-Fluorobiphenyl	83	60-130		09/14/2022 16:31
2,4,6-Tribromophenol	84	50-130		09/14/2022 16:31
4-Terphenyl-d14	101	50-130		09/14/2022 16:31

Analyst(s): MV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC17 09142218.D	253764

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	09/14/2022 16:58
Acenaphthylene	ND	0.0013	1	09/14/2022 16:58
Acetochlor	ND	0.25	1	09/14/2022 16:58
Anthracene	ND	0.0013	1	09/14/2022 16:58
Benzidine	ND	1.2	1	09/14/2022 16:58
Benzo (a) anthracene	ND	0.013	1	09/14/2022 16:58
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 16:58
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 16:58
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 16:58
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 16:58
Benzyl Alcohol	ND	1.2	1	09/14/2022 16:58
1,1-Biphenyl	ND	0.013	1	09/14/2022 16:58
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 16:58
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 16:58
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 16:58
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 16:58
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 16:58
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:58
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 16:58
4-Chloroaniline	ND	0.0025	1	09/14/2022 16:58
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 16:58
2-Chloronaphthalene	ND	0.25	1	09/14/2022 16:58
2-Chlorophenol	ND	0.013	1	09/14/2022 16:58
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:58
Chrysene	ND	0.0025	1	09/14/2022 16:58
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 16:58
Dibenzofuran	ND	0.0013	1	09/14/2022 16:58
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 16:58
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 16:58
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 16:58
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 16:58
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 16:58
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 16:58
Diethyl Phthalate	ND	0.013	1	09/14/2022 16:58
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 16:58
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 16:58
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 16:58

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC17 09142218.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 16:58
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 16:58
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 16:58
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 16:58
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 16:58
Fluoranthene	ND	0.0013	1	09/14/2022 16:58
Fluorene	ND	0.0025	1	09/14/2022 16:58
Hexachlorobenzene	ND	0.0013	1	09/14/2022 16:58
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 16:58
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 16:58
Hexachloroethane	ND	0.013	1	09/14/2022 16:58
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 16:58
Isophorone	ND	0.25	1	09/14/2022 16:58
1-Methylnaphthalene	<b>0.0028</b>	0.0013	1	09/14/2022 16:58
2-Methylnaphthalene	<b>0.0032</b>	0.0025	1	09/14/2022 16:58
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 16:58
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 16:58
Naphthalene	ND	0.0062	1	09/14/2022 16:58
2-Nitroaniline	ND	1.2	1	09/14/2022 16:58
3-Nitroaniline	ND	1.2	1	09/14/2022 16:58
4-Nitroaniline	ND	1.2	1	09/14/2022 16:58
Nitrobenzene	ND	0.25	1	09/14/2022 16:58
2-Nitrophenol	ND	1.2	1	09/14/2022 16:58
4-Nitrophenol	ND	1.2	1	09/14/2022 16:58
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 16:58
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 16:58
Pentachlorophenol	ND	0.062	1	09/14/2022 16:58
Phenanthrene	ND	0.0050	1	09/14/2022 16:58
Phenol	ND	0.050	1	09/14/2022 16:58
Pyrene	ND	0.0025	1	09/14/2022 16:58
Pyridine	ND	0.25	1	09/14/2022 16:58
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 16:58
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 16:58
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 16:58

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC17 09142218.D	253764

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	91	60-130		09/14/2022 16:58
Phenol-d5	82	60-130		09/14/2022 16:58
Nitrobenzene-d5	82	60-130		09/14/2022 16:58
2-Fluorobiphenyl	77	60-130		09/14/2022 16:58
2,4,6-Tribromophenol	65	50-130		09/14/2022 16:58
4-Terphenyl-d14	79	50-130		09/14/2022 16:58

Analyst(s): MV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected		Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25		GC17 09142219.D	253764
Analytes	Result	RL	DF	Date Analyzed		
Acenaphthene	ND	0.0013	1	09/14/2022 17:25		
Acenaphthylene	ND	0.0013	1	09/14/2022 17:25		
Acetochlor	ND	0.25	1	09/14/2022 17:25		
Anthracene	ND	0.0013	1	09/14/2022 17:25		
Benzidine	ND	1.2	1	09/14/2022 17:25		
Benzo (a) anthracene	ND	0.013	1	09/14/2022 17:25		
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 17:25		
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 17:25		
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 17:25		
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 17:25		
Benzyl Alcohol	ND	1.2	1	09/14/2022 17:25		
1,1-Biphenyl	ND	0.013	1	09/14/2022 17:25		
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 17:25		
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 17:25		
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 17:25		
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 17:25		
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 17:25		
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 17:25		
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 17:25		
4-Chloroaniline	ND	0.0025	1	09/14/2022 17:25		
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 17:25		
2-Chloronaphthalene	ND	0.25	1	09/14/2022 17:25		
2-Chlorophenol	ND	0.013	1	09/14/2022 17:25		
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 17:25		
Chrysene	ND	0.0025	1	09/14/2022 17:25		
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 17:25		
Dibenzofuran	ND	0.0013	1	09/14/2022 17:25		
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 17:25		
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 17:25		
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 17:25		
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 17:25		
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 17:25		
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 17:25		
Diethyl Phthalate	ND	0.013	1	09/14/2022 17:25		
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 17:25		
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 17:25		
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 17:25		

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC17 09142219.D	253764

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 17:25
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 17:25
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 17:25
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 17:25
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 17:25
Fluoranthene	ND	0.0013	1	09/14/2022 17:25
Fluorene	ND	0.0025	1	09/14/2022 17:25
Hexachlorobenzene	ND	0.0013	1	09/14/2022 17:25
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 17:25
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 17:25
Hexachloroethane	ND	0.013	1	09/14/2022 17:25
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 17:25
Isophorone	ND	0.25	1	09/14/2022 17:25
1-Methylnaphthalene	<b>0.026</b>	0.0013	1	09/14/2022 17:25
2-Methylnaphthalene	<b>0.034</b>	0.0025	1	09/14/2022 17:25
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 17:25
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 17:25
Naphthalene	ND	0.0062	1	09/14/2022 17:25
2-Nitroaniline	ND	1.2	1	09/14/2022 17:25
3-Nitroaniline	ND	1.2	1	09/14/2022 17:25
4-Nitroaniline	ND	1.2	1	09/14/2022 17:25
Nitrobenzene	ND	0.25	1	09/14/2022 17:25
2-Nitrophenol	ND	1.2	1	09/14/2022 17:25
4-Nitrophenol	ND	1.2	1	09/14/2022 17:25
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 17:25
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 17:25
Pentachlorophenol	ND	0.062	1	09/14/2022 17:25
Phenanthrene	ND	0.0050	1	09/14/2022 17:25
Phenol	ND	0.050	1	09/14/2022 17:25
Pyrene	ND	0.0025	1	09/14/2022 17:25
Pyridine	ND	0.25	1	09/14/2022 17:25
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 17:25
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 17:25
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 17:25

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC17 09142219.D	253764

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	120	60-130		09/14/2022 17:25
Phenol-d5	110	60-130		09/14/2022 17:25
Nitrobenzene-d5	105	60-130		09/14/2022 17:25
2-Fluorobiphenyl	100	60-130		09/14/2022 17:25
2,4,6-Tribromophenol	86	50-130		09/14/2022 17:25
4-Terphenyl-d14	92	50-130		09/14/2022 17:25

Analyst(s): MV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC48 09142214.D	253909

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	09/14/2022 18:28
Acenaphthylene	ND	0.0013	1	09/14/2022 18:28
Acetochlor	ND	0.25	1	09/14/2022 18:28
Anthracene	ND	0.0013	1	09/14/2022 18:28
Benzidine	ND	1.2	1	09/14/2022 18:28
Benzo (a) anthracene	ND	0.013	1	09/14/2022 18:28
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 18:28
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 18:28
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 18:28
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 18:28
Benzyl Alcohol	ND	1.2	1	09/14/2022 18:28
1,1-Biphenyl	ND	0.013	1	09/14/2022 18:28
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 18:28
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 18:28
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 18:28
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 18:28
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 18:28
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 18:28
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 18:28
4-Chloroaniline	ND	0.0025	1	09/14/2022 18:28
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 18:28
2-Chloronaphthalene	ND	0.25	1	09/14/2022 18:28
2-Chlorophenol	ND	0.013	1	09/14/2022 18:28
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 18:28
Chrysene	ND	0.0025	1	09/14/2022 18:28
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 18:28
Dibenzofuran	ND	0.0013	1	09/14/2022 18:28
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 18:28
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 18:28
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 18:28
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 18:28
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 18:28
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 18:28
Diethyl Phthalate	ND	0.013	1	09/14/2022 18:28
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 18:28
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 18:28
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 18:28

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC48 09142214.D	253909

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 18:28
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 18:28
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 18:28
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 18:28
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 18:28
Fluoranthene	ND	0.0013	1	09/14/2022 18:28
Fluorene	ND	0.0025	1	09/14/2022 18:28
Hexachlorobenzene	ND	0.0013	1	09/14/2022 18:28
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 18:28
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 18:28
Hexachloroethane	ND	0.013	1	09/14/2022 18:28
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 18:28
Isophorone	ND	0.25	1	09/14/2022 18:28
1-Methylnaphthalene	ND	0.0013	1	09/14/2022 18:28
2-Methylnaphthalene	ND	0.0025	1	09/14/2022 18:28
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 18:28
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 18:28
Naphthalene	ND	0.0062	1	09/14/2022 18:28
2-Nitroaniline	ND	1.2	1	09/14/2022 18:28
3-Nitroaniline	ND	1.2	1	09/14/2022 18:28
4-Nitroaniline	ND	1.2	1	09/14/2022 18:28
Nitrobenzene	ND	0.25	1	09/14/2022 18:28
2-Nitrophenol	ND	1.2	1	09/14/2022 18:28
4-Nitrophenol	ND	1.2	1	09/14/2022 18:28
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 18:28
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 18:28
Pentachlorophenol	ND	0.062	1	09/14/2022 18:28
Phenanthrene	ND	0.0050	1	09/14/2022 18:28
Phenol	ND	0.050	1	09/14/2022 18:28
Pyrene	ND	0.0025	1	09/14/2022 18:28
Pyridine	ND	0.25	1	09/14/2022 18:28
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 18:28
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 18:28
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 18:28

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC48 09142214.D	253909

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	95	60-130		09/14/2022 18:28
Phenol-d5	89	60-130		09/14/2022 18:28
Nitrobenzene-d5	84	60-130		09/14/2022 18:28
2-Fluorobiphenyl	89	60-130		09/14/2022 18:28
2,4,6-Tribromophenol	64	50-130		09/14/2022 18:28
4-Terphenyl-d14	85	50-130		09/14/2022 18:28

Analyst(s): LAT



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC48 09142215.D	253909

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	0.0035	0.0013	1	09/14/2022 18:55
Acenaphthylene	0.0027	0.0013	1	09/14/2022 18:55
Acetochlor	ND	0.25	1	09/14/2022 18:55
Anthracene	0.0018	0.0013	1	09/14/2022 18:55
Benzdine	ND	1.2	1	09/14/2022 18:55
Benzo (a) anthracene	ND	0.013	1	09/14/2022 18:55
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 18:55
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 18:55
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 18:55
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 18:55
Benzyl Alcohol	ND	1.2	1	09/14/2022 18:55
1,1-Biphenyl	ND	0.013	1	09/14/2022 18:55
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 18:55
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 18:55
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 18:55
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 18:55
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 18:55
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 18:55
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 18:55
4-Chloroaniline	ND	0.0025	1	09/14/2022 18:55
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 18:55
2-Chloronaphthalene	ND	0.25	1	09/14/2022 18:55
2-Chlorophenol	ND	0.013	1	09/14/2022 18:55
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 18:55
Chrysene	ND	0.0025	1	09/14/2022 18:55
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 18:55
Dibenzofuran	ND	0.0013	1	09/14/2022 18:55
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 18:55
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 18:55
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 18:55
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 18:55
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 18:55
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 18:55
Diethyl Phthalate	ND	0.013	1	09/14/2022 18:55
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 18:55
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 18:55
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 18:55

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC48 09142215.D	253909

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrophenol	ND	0.25	1	09/14/2022 18:55
2,4-Dinitrotoluene	ND	0.013	1	09/14/2022 18:55
2,6-Dinitrotoluene	ND	0.12	1	09/14/2022 18:55
Di-n-octyl Phthalate	ND	0.50	1	09/14/2022 18:55
1,2-Diphenylhydrazine	ND	0.25	1	09/14/2022 18:55
Fluoranthene	<b>0.0033</b>	0.0013	1	09/14/2022 18:55
Fluorene	<b>0.0045</b>	0.0025	1	09/14/2022 18:55
Hexachlorobenzene	ND	0.0013	1	09/14/2022 18:55
Hexachlorobutadiene	ND	0.0025	1	09/14/2022 18:55
Hexachlorocyclopentadiene	ND	2.0	1	09/14/2022 18:55
Hexachloroethane	ND	0.013	1	09/14/2022 18:55
Indeno (1,2,3-cd) pyrene	ND	0.013	1	09/14/2022 18:55
Isophorone	ND	0.25	1	09/14/2022 18:55
1-Methylnaphthalene	<b>0.23</b>	0.0013	1	09/14/2022 18:55
2-Methylnaphthalene	<b>0.36</b>	0.0025	1	09/14/2022 18:55
2-Methylphenol (o-Cresol)	ND	0.25	1	09/14/2022 18:55
3 & 4-Methylphenol (m,p-Cresol)	ND	0.25	1	09/14/2022 18:55
Naphthalene	<b>0.11</b>	0.0062	1	09/14/2022 18:55
2-Nitroaniline	ND	1.2	1	09/14/2022 18:55
3-Nitroaniline	ND	1.2	1	09/14/2022 18:55
4-Nitroaniline	ND	1.2	1	09/14/2022 18:55
Nitrobenzene	ND	0.25	1	09/14/2022 18:55
2-Nitrophenol	ND	1.2	1	09/14/2022 18:55
4-Nitrophenol	ND	1.2	1	09/14/2022 18:55
N-Nitrosodiphenylamine	ND	0.25	1	09/14/2022 18:55
N-Nitrosodi-n-propylamine	ND	0.25	1	09/14/2022 18:55
Pentachlorophenol	ND	0.062	1	09/14/2022 18:55
Phenanthrene	<b>0.0099</b>	0.0050	1	09/14/2022 18:55
Phenol	ND	0.050	1	09/14/2022 18:55
Pyrene	<b>0.0048</b>	0.0025	1	09/14/2022 18:55
Pyridine	ND	0.25	1	09/14/2022 18:55
1,2,4-Trichlorobenzene	ND	0.25	1	09/14/2022 18:55
2,4,5-Trichlorophenol	ND	0.0025	1	09/14/2022 18:55
2,4,6-Trichlorophenol	ND	0.013	1	09/14/2022 18:55

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## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022-09/14/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg

### Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC48 09142215.D	253909

Analytes	Result	RL	DF	Date Analyzed
<b>Surrogates</b>	<b>REC (%)</b>	<b>Limits</b>		
2-Fluorophenol	91	60-130		09/14/2022 18:55
Phenol-d5	87	60-130		09/14/2022 18:55
Nitrobenzene-d5	80	60-130		09/14/2022 18:55
2-Fluorobiphenyl	87	60-130		09/14/2022 18:55
2,4,6-Tribromophenol	65	50-130		09/14/2022 18:55
4-Terphenyl-d14	83	50-130		09/14/2022 18:55

Analyst(s): LAT





## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	ICP-MS5 149SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	0.63	0.50	1	09/13/2022 13:43
Arsenic	9.8	0.50	1	09/13/2022 13:43
Barium	290	5.0	1	09/13/2022 13:43
Beryllium	0.89	0.50	1	09/13/2022 13:43
Cadmium	ND	0.50	1	09/13/2022 13:43
Chromium	73	0.50	1	09/13/2022 13:43
Cobalt	11	0.50	1	09/13/2022 13:43
Copper	41	0.50	1	09/13/2022 13:43
Lead	10	0.50	1	09/13/2022 13:43
Mercury	0.053	0.050	1	09/13/2022 13:43
Molybdenum	1.2	0.50	1	09/13/2022 13:43
Nickel	63	0.50	1	09/13/2022 13:43
Selenium	ND	0.50	1	09/13/2022 13:43
Silver	ND	0.50	1	09/13/2022 13:43
Thallium	ND	0.50	1	09/13/2022 13:43
Vanadium	86	0.50	1	09/13/2022 13:43
Zinc	100	5.0	1	09/13/2022 13:43

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	105	70-130	09/13/2022 13:43

Analyst(s): MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	ICP-MS5 150SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/13/2022 13:46
Arsenic	7.1	0.50	1	09/13/2022 13:46
Barium	320	5.0	1	09/13/2022 13:46
Beryllium	0.73	0.50	1	09/13/2022 13:46
Cadmium	ND	0.50	1	09/13/2022 13:46
Chromium	83	0.50	1	09/13/2022 13:46
Cobalt	18	0.50	1	09/13/2022 13:46
Copper	36	0.50	1	09/13/2022 13:46
Lead	11	0.50	1	09/13/2022 13:46
Mercury	0.084	0.050	1	09/13/2022 13:46
Molybdenum	1.4	0.50	1	09/13/2022 13:46
Nickel	130	0.50	1	09/13/2022 13:46
Selenium	ND	0.50	1	09/13/2022 13:46
Silver	ND	0.50	1	09/13/2022 13:46
Thallium	ND	0.50	1	09/13/2022 13:46
Vanadium	68	0.50	1	09/13/2022 13:46
Zinc	67	5.0	1	09/13/2022 13:46

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	107	70-130	09/13/2022 13:46

Analyst(s): MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	ICP-MS5 151SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	0.58	0.50	1	09/13/2022 13:50
Arsenic	8.0	0.50	1	09/13/2022 13:50
Barium	290	5.0	1	09/13/2022 13:50
Beryllium	0.79	0.50	1	09/13/2022 13:50
Cadmium	ND	0.50	1	09/13/2022 13:50
Chromium	76	0.50	1	09/13/2022 13:50
Cobalt	12	0.50	1	09/13/2022 13:50
Copper	37	0.50	1	09/13/2022 13:50
Lead	9.7	0.50	1	09/13/2022 13:50
Mercury	0.068	0.050	1	09/13/2022 13:50
Molybdenum	1.5	0.50	1	09/13/2022 13:50
Nickel	92	0.50	1	09/13/2022 13:50
Selenium	ND	0.50	1	09/13/2022 13:50
Silver	ND	0.50	1	09/13/2022 13:50
Thallium	ND	0.50	1	09/13/2022 13:50
Vanadium	74	0.50	1	09/13/2022 13:50
Zinc	86	5.0	1	09/13/2022 13:50

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	108	70-130	09/13/2022 13:50

Analyst(s): MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	ICP-MS5 152SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	0.61	0.50	1	09/13/2022 13:53
Arsenic	6.8	0.50	1	09/13/2022 13:53
Barium	290	5.0	1	09/13/2022 13:53
Beryllium	0.86	0.50	1	09/13/2022 13:53
Cadmium	0.64	0.50	1	09/13/2022 13:53
Chromium	76	0.50	1	09/13/2022 13:53
Cobalt	12	0.50	1	09/13/2022 13:53
Copper	43	0.50	1	09/13/2022 13:53
Lead	12	0.50	1	09/13/2022 13:53
Mercury	ND	0.050	1	09/13/2022 13:53
Molybdenum	1.6	0.50	1	09/13/2022 13:53
Nickel	66	0.50	1	09/13/2022 13:53
Selenium	ND	0.50	1	09/13/2022 13:53
Silver	ND	0.50	1	09/13/2022 13:53
Thallium	ND	0.50	1	09/13/2022 13:53
Vanadium	81	0.50	1	09/13/2022 13:53
Zinc	110	5.0	1	09/13/2022 13:53

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	111	70-130	09/13/2022 13:53

Analyst(s): MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	ICP-MS5 153SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/13/2022 13:56
Arsenic	7.4	0.50	1	09/13/2022 13:56
Barium	400	5.0	1	09/13/2022 13:56
Beryllium	0.81	0.50	1	09/13/2022 13:56
Cadmium	ND	0.50	1	09/13/2022 13:56
Chromium	77	0.50	1	09/13/2022 13:56
Cobalt	13	0.50	1	09/13/2022 13:56
Copper	36	0.50	1	09/13/2022 13:56
Lead	9.2	0.50	1	09/13/2022 13:56
Mercury	0.096	0.050	1	09/13/2022 13:56
Molybdenum	1.4	0.50	1	09/13/2022 13:56
Nickel	100	0.50	1	09/13/2022 13:56
Selenium	ND	0.50	1	09/13/2022 13:56
Silver	ND	0.50	1	09/13/2022 13:56
Thallium	ND	0.50	1	09/13/2022 13:56
Vanadium	70	0.50	1	09/13/2022 13:56
Zinc	79	5.0	1	09/13/2022 13:56

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	104	70-130	09/13/2022 13:56

Analyst(s): MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	ICP-MS5 154SMPL.d	253697

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/13/2022 14:00
Arsenic	6.1	0.50	1	09/13/2022 14:00
Barium	200	5.0	1	09/13/2022 14:00
Beryllium	0.66	0.50	1	09/13/2022 14:00
Cadmium	ND	0.50	1	09/13/2022 14:00
Chromium	73	0.50	1	09/13/2022 14:00
Cobalt	12	0.50	1	09/13/2022 14:00
Copper	32	0.50	1	09/13/2022 14:00
Lead	7.7	0.50	1	09/13/2022 14:00
Mercury	0.062	0.050	1	09/13/2022 14:00
Molybdenum	1.2	0.50	1	09/13/2022 14:00
Nickel	87	0.50	1	09/13/2022 14:00
Selenium	ND	0.50	1	09/13/2022 14:00
Silver	ND	0.50	1	09/13/2022 14:00
Thallium	ND	0.50	1	09/13/2022 14:00
Vanadium	66	0.50	1	09/13/2022 14:00
Zinc	67	5.0	1	09/13/2022 14:00

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	111	70-130	09/13/2022 14:00

Analyst(s): MIG



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	ICP-MS4 108SMPL.d	253735

Analytes	Result	RL	DF	Date Analyzed
Antimony	0.63	0.50	1	09/13/2022 11:26
Arsenic	7.3	0.50	1	09/13/2022 11:26
Barium	250	5.0	1	09/13/2022 11:26
Beryllium	0.79	0.50	1	09/13/2022 11:26
Cadmium	ND	0.50	1	09/13/2022 11:26
Chromium	70	0.50	1	09/13/2022 11:26
Cobalt	13	0.50	1	09/13/2022 11:26
Copper	35	0.50	1	09/13/2022 11:26
Lead	9.8	0.50	1	09/13/2022 11:26
Mercury	0.073	0.050	1	09/13/2022 11:26
Molybdenum	1.6	0.50	1	09/13/2022 11:26
Nickel	88	0.50	1	09/13/2022 11:26
Selenium	ND	0.50	1	09/13/2022 11:26
Silver	ND	0.50	1	09/13/2022 11:26
Thallium	ND	0.50	1	09/13/2022 11:26
Vanadium	70	0.50	1	09/13/2022 11:26
Zinc	77	5.0	1	09/13/2022 11:26

Surrogates	REC (%)	Limits	
Terbium	108	70-130	09/13/2022 11:26

Analyst(s): WV



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/Kg

### CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	ICP-MS5 155SMPL.d	253735

Analytes	Result	RL	DF	Date Analyzed
Antimony	ND	0.50	1	09/13/2022 14:03
Arsenic	7.0	0.50	1	09/13/2022 14:03
Barium	240	5.0	1	09/13/2022 14:03
Beryllium	0.69	0.50	1	09/13/2022 14:03
Cadmium	ND	0.50	1	09/13/2022 14:03
Chromium	69	0.50	1	09/13/2022 14:03
Cobalt	11	0.50	1	09/13/2022 14:03
Copper	32	0.50	1	09/13/2022 14:03
Lead	9.1	0.50	1	09/13/2022 14:03
Mercury	ND	0.050	1	09/13/2022 14:03
Molybdenum	1.4	0.50	1	09/13/2022 14:03
Nickel	81	0.50	1	09/13/2022 14:03
Selenium	ND	0.50	1	09/13/2022 14:03
Silver	ND	0.50	1	09/13/2022 14:03
Thallium	ND	0.50	1	09/13/2022 14:03
Vanadium	67	0.50	1	09/13/2022 14:03
Zinc	72	5.0	1	09/13/2022 14:03

Surrogates	REC (%)	Limits	Date Analyzed
Terbium	107	70-130	09/13/2022 14:03

Analyst(s): MIG





## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5035  
**Analytical Method:** SW8021B/8015Bm  
**Unit:** mg/Kg

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC7 09132219.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/13/2022 21:13
MTBE	---	0.050	1	09/13/2022 21:13
Benzene	---	0.0050	1	09/13/2022 21:13
Toluene	---	0.0050	1	09/13/2022 21:13
Ethylbenzene	---	0.0050	1	09/13/2022 21:13
m,p-Xylene	---	0.010	1	09/13/2022 21:13
o-Xylene	---	0.0050	1	09/13/2022 21:13
Xylenes	---	0.0050	1	09/13/2022 21:13

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	75	62-126	09/13/2022 21:13

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC19 09142216.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	3.6	1.0	1	09/14/2022 19:33
MTBE	---	0.050	1	09/14/2022 19:33
Benzene	---	0.0050	1	09/14/2022 19:33
Toluene	---	0.0050	1	09/14/2022 19:33
Ethylbenzene	---	0.0050	1	09/14/2022 19:33
m,p-Xylene	---	0.010	1	09/14/2022 19:33
o-Xylene	---	0.0050	1	09/14/2022 19:33
Xylenes	---	0.0050	1	09/14/2022 19:33

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	68	62-126	09/14/2022 19:33

Analyst(s): IA

Analytical Comments: d7

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5035  
**Analytical Method:** SW8021B/8015Bm  
**Unit:** mg/Kg

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC19 09142219.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/14/2022 21:06
MTBE	---	0.050	1	09/14/2022 21:06
Benzene	---	0.0050	1	09/14/2022 21:06
Toluene	---	0.0050	1	09/14/2022 21:06
Ethylbenzene	---	0.0050	1	09/14/2022 21:06
m,p-Xylene	---	0.010	1	09/14/2022 21:06
o-Xylene	---	0.0050	1	09/14/2022 21:06
Xylenes	---	0.0050	1	09/14/2022 21:06

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	70	62-126	09/14/2022 21:06

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC19 09162205.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	<b>2.8</b>	1.0	1	09/16/2022 14:37
MTBE	---	0.050	1	09/16/2022 14:37
Benzene	---	0.0050	1	09/16/2022 14:37
Toluene	---	0.0050	1	09/16/2022 14:37
Ethylbenzene	---	0.0050	1	09/16/2022 14:37
m,p-Xylene	---	0.010	1	09/16/2022 14:37
o-Xylene	---	0.0050	1	09/16/2022 14:37
Xylenes	---	0.0050	1	09/16/2022 14:37

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	63	62-126	09/16/2022 14:37

Analyst(s): IA

Analytical Comments: d7

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5035  
**Analytical Method:** SW8021B/8015Bm  
**Unit:** mg/Kg

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC19 09142220.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/14/2022 21:37
MTBE	---	0.050	1	09/14/2022 21:37
Benzene	---	0.0050	1	09/14/2022 21:37
Toluene	---	0.0050	1	09/14/2022 21:37
Ethylbenzene	---	0.0050	1	09/14/2022 21:37
m,p-Xylene	---	0.010	1	09/14/2022 21:37
o-Xylene	---	0.0050	1	09/14/2022 21:37
Xylenes	---	0.0050	1	09/14/2022 21:37

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	71	62-126	09/14/2022 21:37

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC7 09162205.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	1.2	1.0	1	09/16/2022 14:18
MTBE	---	0.050	1	09/16/2022 14:18
Benzene	---	0.0050	1	09/16/2022 14:18
Toluene	---	0.0050	1	09/16/2022 14:18
Ethylbenzene	---	0.0050	1	09/16/2022 14:18
m,p-Xylene	---	0.010	1	09/16/2022 14:18
o-Xylene	---	0.0050	1	09/16/2022 14:18
Xylenes	---	0.0050	1	09/16/2022 14:18

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	74	62-126	09/16/2022 14:18

Analyst(s): IA

Analytical Comments: d7

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW5035  
**Analytical Method:** SW8021B/8015Bm  
**Unit:** mg/Kg

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC19 09142223.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	1.0	1	09/14/2022 23:10
MTBE	---	0.050	1	09/14/2022 23:10
Benzene	---	0.0050	1	09/14/2022 23:10
Toluene	---	0.0050	1	09/14/2022 23:10
Ethylbenzene	---	0.0050	1	09/14/2022 23:10
m,p-Xylene	---	0.010	1	09/14/2022 23:10
o-Xylene	---	0.0050	1	09/14/2022 23:10
Xylenes	---	0.0050	1	09/14/2022 23:10

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	69	62-126	09/14/2022 23:10

Analyst(s): IA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC19 09152211.D	253729

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	73	10	10	09/15/2022 17:50
MTBE	---	0.50	10	09/15/2022 17:50
Benzene	---	0.050	10	09/15/2022 17:50
Toluene	---	0.050	10	09/15/2022 17:50
Ethylbenzene	---	0.050	10	09/15/2022 17:50
m,p-Xylene	---	0.10	10	09/15/2022 17:50
o-Xylene	---	0.050	10	09/15/2022 17:50
Xylenes	---	0.050	10	09/15/2022 17:50

Surrogates	REC (%)	Limits	Date Analyzed
2-Fluorotoluene	85	62-126	09/15/2022 17:50

Analyst(s): IA

Analytical Comments: d7,d9



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** ASTM D2216  
**Analytical Method:** SW8000  
**Unit:** wet wt%

### Percent Moisture

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	15.0	0.100	1	09/14/2022 11:20

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	16.0	0.100	1	09/14/2022 11:25

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	15.2	0.100	1	09/14/2022 11:35

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	17.3	0.100	1	09/14/2022 11:40

Analyst(s): JRA

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/13/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** ASTM D2216  
**Analytical Method:** SW8000  
**Unit:** wet wt%

### Percent Moisture

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	14.7	0.100	1	09/14/2022 11:45

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	13.4	0.100	1	09/14/2022 11:50

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	16.8	0.100	1	09/14/2022 11:55

Analyst(s): JRA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	WetChem	253831

Analytes	Result	RL	DF	Date Analyzed
% Moisture	16.0	0.100	1	09/14/2022 12:00

Analyst(s): JRA



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8015B  
**Unit:** mg/Kg

### Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC9a 09142264.D	253696

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	2.4	2.0	1	09/15/2022 13:58
TPH-Motor Oil (C18-C36)	ND	10	1	09/15/2022 13:58

Surrogates	REC (%)	Limits	Date Analyzed
C9	77	70-130	09/15/2022 13:58

Analyst(s): JIS

Analytical Comments: e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC9a 09142258.D	253732

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/15/2022 12:02
TPH-Motor Oil (C18-C36)	ND	10	1	09/15/2022 12:02

Surrogates	REC (%)	Limits	Date Analyzed
C9	80	70-130	09/15/2022 12:02

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC9a 09142268.D	253732

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/15/2022 15:15
TPH-Motor Oil (C18-C36)	ND	10	1	09/15/2022 15:15

Surrogates	REC (%)	Limits	Date Analyzed
C9	72	70-130	09/15/2022 15:15

Analyst(s): JIS

(Cont.)



## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8015B  
**Unit:** mg/Kg

### Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-04	2209583-004A	Soil	09/12/2022 11:15	GC31B 09142223.D	253732
<b>Analytes</b>					
	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	22		2.0	1	09/14/2022 21:51
TPH-Motor Oil (C18-C36)	21		10	1	09/14/2022 21:51
<b>Surrogates</b>					
	<u>REC (%)</u>		<u>Limits</u>		<u>Date Analyzed</u>
C9	83		70-130		09/14/2022 21:51
<u>Analyst(s):</u> JIS		<u>Analytical Comments:</u> e2,e7			

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-05	2209583-005A	Soil	09/12/2022 11:20	GC9a 09142266.D	253732
<b>Analytes</b>					
	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		2.0	1	09/15/2022 14:37
TPH-Motor Oil (C18-C36)	ND		10	1	09/15/2022 14:37
<b>Surrogates</b>					
	<u>REC (%)</u>		<u>Limits</u>		<u>Date Analyzed</u>
C9	77		70-130		09/15/2022 14:37
<u>Analyst(s):</u> JIS					

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-06	2209583-006A	Soil	09/12/2022 11:25	GC6A 09152222.D	253732
<b>Analytes</b>					
	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
TPH-Diesel (C10-C23)	ND		2.0	1	09/15/2022 16:30
TPH-Motor Oil (C18-C36)	ND		10	1	09/15/2022 16:30
<b>Surrogates</b>					
	<u>REC (%)</u>		<u>Limits</u>		<u>Date Analyzed</u>
C9	89		70-130		09/15/2022 16:30
<u>Analyst(s):</u> JIS					

(Cont.)





## Analytical Report

**Client:** Ramboll  
**Date Received:** 09/12/2022 17:00  
**Date Prepared:** 09/12/2022  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8015B  
**Unit:** mg/Kg

### Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-07	2209583-007A	Soil	09/12/2022 11:30	GC6A 09152220.D	253732

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/15/2022 15:51
TPH-Motor Oil (C18-C36)	ND	10	1	09/15/2022 15:51

Surrogates	REC (%)	Limits	Date Analyzed
C9	90	70-130	09/15/2022 15:51

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-08	2209583-008A	Soil	09/12/2022 11:35	GC6A 09152224.D	253732

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	17	2.0	1	09/15/2022 17:09
TPH-Motor Oil (C18-C36)	ND	10	1	09/15/2022 17:09

Surrogates	REC (%)	Limits	Date Analyzed
C9	91	70-130	09/15/2022 17:09

Analyst(s): JIS

Analytical Comments: e2



## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/13/2022	<b>BatchID:</b> 253824
<b>Date Analyzed:</b> 09/13/2022	<b>Extraction Method:</b> SW3060A
<b>Instrument:</b> IC2	<b>Analytical Method:</b> SW7199
<b>Matrix:</b> Soil	<b>Unit:</b> mg/Kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253824

### QC Summary Report for SW7199 (Hexavalent chromium)

Analyte	MB Result	MDL	RL			
Hexavalent chromium	ND	0.20	0.20	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Hexavalent chromium	4.2	3.8	4	105	95	70-130	10.1,F2	10



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/13/2022  
**Date Analyzed:** 09/13/2022 - 09/14/2022  
**Instrument:** GC40  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253809  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253809

### QC Summary Report for SW8081A/8082

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.000036	0.00010	-	-	-
a-BHC	ND	0.000025	0.00010	-	-	-
b-BHC	ND	0.00025	0.00030	-	-	-
d-BHC	ND	0.00013	0.00020	-	-	-
g-BHC	ND	0.000066	0.00010	-	-	-
Chlordane (Technical)	ND	0.00043	0.0025	-	-	-
a-Chlordane	ND	0.000095	0.00010	-	-	-
g-Chlordane	ND	0.000047	0.00010	-	-	-
p,p-DDD	ND	0.000043	0.00010	-	-	-
p,p-DDE	ND	0.000094	0.00010	-	-	-
p,p-DDT	ND	0.000092	0.00010	-	-	-
Dieldrin	ND	0.000061	0.00010	-	-	-
Endosulfan I	ND	0.000048	0.00010	-	-	-
Endosulfan II	ND	0.000076	0.00010	-	-	-
Endosulfan sulfate	ND	0.000078	0.00010	-	-	-
Endrin	ND	0.000035	0.00010	-	-	-
Endrin aldehyde	ND	0.000067	0.00010	-	-	-
Endrin ketone	ND	0.000084	0.00010	-	-	-
Heptachlor	ND	0.000040	0.00010	-	-	-
Heptachlor epoxide	ND	0.000054	0.00010	-	-	-
Hexachlorobenzene	ND	0.00011	0.0010	-	-	-
Hexachlorocyclopentadiene	ND	0.00034	0.0020	-	-	-
Methoxychlor	ND	0.00013	0.00020	-	-	-
Toxaphene	ND	0.0034	0.0050	-	-	-
Aroclor1016	ND	0.0020	0.0050	-	-	-
Aroclor1221	ND	0.0022	0.0050	-	-	-
Aroclor1232	ND	0.0022	0.0050	-	-	-
Aroclor1242	ND	0.0022	0.0050	-	-	-
Aroclor1248	ND	0.0022	0.0050	-	-	-
Aroclor1254	ND	0.0022	0.0050	-	-	-
Aroclor1260	ND	0.0022	0.0050	-	-	-
<b>Surrogate Recovery</b>						
Decachlorobiphenyl	0.0044			0.005	87	28-170

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## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/13/2022  
**Date Analyzed:** 09/13/2022 - 09/14/2022  
**Instrument:** GC40  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253809  
**Extraction Method:** SW3550B/3640Am/3630Cm  
**Analytical Method:** SW8081A/8082  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253809

### QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.0029	0.0032	0.0050	57	64	31-155	10.8	20
a-BHC	0.0033	0.0036	0.0050	66	72	32-160	8.35	20
b-BHC	0.0030	0.0033	0.0050	59	67	44-149	12.0	20
d-BHC	0.0034	0.0038	0.0050	67	76	37-157	12.4	20
g-BHC	0.0032	0.0035	0.0050	64	70	43-154	9.10	20
a-Chlordane	0.0031	0.0035	0.0050	61	69	39-150	12.6	20
g-Chlordane	0.0031	0.0035	0.0050	62	70	39-151	12.4	20
p,p-DDD	0.0039	0.0044	0.0050	78	89	30-158	13.5	20
p,p-DDE	0.0033	0.0038	0.0050	66	75	47-149	13.7	20
p,p-DDT	0.0040	0.0045	0.0050	81	90	56-166	11.2	20
Dieldrin	0.0033	0.0038	0.0050	66	76	50-163	13.2	20
Endosulfan I	0.0033	0.0037	0.0050	65	74	45-159	11.9	20
Endosulfan II	0.0035	0.0039	0.0050	69	79	41-155	12.6	20
Endosulfan sulfate	0.0038	0.0044	0.0050	76	88	45-156	14.0	20
Endrin	0.0037	0.0041	0.0050	74	83	54-154	11.3	20
Endrin aldehyde	0.0034	0.0040	0.0050	68	81	27-159	16.4	20
Endrin ketone	0.0038	0.0044	0.0050	77	87	40-147	12.9	20
Heptachlor	0.0032	0.0035	0.0050	64	69	52-165	8.15	20
Heptachlor epoxide	0.0032	0.0036	0.0050	65	72	46-145	11.4	20
Hexachlorobenzene	0.0030	0.0032	0.0050	60	65	22-156	7.11	20
Hexachlorocyclopentadiene	0.0036	0.0040	0.0050	72	79	43-173	9.96	20
Methoxychlor	0.0038	0.0043	0.0050	77	86	49-150	11.8	20
Aroclor1016	0.011	0.011	0.015	74	73	49-120	0.985	20
Aroclor1260	0.010	0.011	0.015	69	74	48-160	7.06	20
<b>Surrogate Recovery</b>								
Decachlorobiphenyl	0.0042	0.0043	0.0050	84	86	28-170	1.52	20



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC18  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253723  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.12	0.20	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0012	0.0050	-	-	-
Benzene	ND	0.00095	0.0050	-	-	-
Bromobenzene	ND	0.0012	0.0050	-	-	-
Bromochloromethane	ND	0.0011	0.0050	-	-	-
Bromodichloromethane	ND	0.00023	0.0050	-	-	-
Bromoform	ND	0.0038	0.0050	-	-	-
Bromomethane	ND	0.0018	0.0050	-	-	-
2-Butanone (MEK)	ND	0.040	0.10	-	-	-
t-Butyl alcohol (TBA)	ND	0.024	0.050	-	-	-
n-Butyl benzene	ND	0.0016	0.0050	-	-	-
sec-Butyl benzene	ND	0.0018	0.0050	-	-	-
tert-Butyl benzene	ND	0.0021	0.0050	-	-	-
Carbon Disulfide	ND	0.0011	0.0050	-	-	-
Carbon Tetrachloride	ND	0.00017	0.0050	-	-	-
Chlorobenzene	ND	0.0012	0.0050	-	-	-
Chloroethane	ND	0.0017	0.0050	-	-	-
Chloroform	ND	0.00032	0.0050	-	-	-
Chloromethane	ND	0.0017	0.0050	-	-	-
2-Chlorotoluene	ND	0.0016	0.0050	-	-	-
4-Chlorotoluene	ND	0.0013	0.0050	-	-	-
Dibromochloromethane	ND	0.00040	0.0050	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.00048	0.00050	-	-	-
1,2-Dibromoethane (EDB)	ND	0.00013	0.00025	-	-	-
Dibromomethane	ND	0.0012	0.0050	-	-	-
1,2-Dichlorobenzene	ND	0.0017	0.0050	-	-	-
1,3-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
1,4-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
Dichlorodifluoromethane	ND	0.00063	0.0050	-	-	-
1,1-Dichloroethane	ND	0.0015	0.0050	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.000070	0.00010	-	-	-
1,1-Dichloroethene	ND	0.00011	0.0050	-	-	-
cis-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
trans-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
1,2-Dichloropropane	ND	0.0013	0.0050	-	-	-
1,3-Dichloropropane	ND	0.00088	0.0050	-	-	-
2,2-Dichloropropane	ND	0.0019	0.0050	-	-	-
1,1-Dichloropropene	ND	0.0018	0.0050	-	-	-

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## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC18  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253723  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.00098	0.0050	-	-	-
trans-1,3-Dichloropropene	ND	0.00097	0.0050	-	-	-
Diisopropyl ether (DIPE)	ND	0.0018	0.0050	-	-	-
Ethylbenzene	ND	0.0011	0.0050	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0014	0.0050	-	-	-
Freon 113	ND	0.0011	0.0050	-	-	-
Hexachlorobutadiene	ND	0.0012	0.0050	-	-	-
Hexachloroethane	ND	0.00064	0.0050	-	-	-
2-Hexanone	ND	0.0027	0.0050	-	-	-
Isopropylbenzene	ND	0.0018	0.0050	-	-	-
4-Isopropyl toluene	ND	0.0019	0.0050	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0015	0.0050	-	-	-
Methylene chloride	ND	0.012	0.020	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.0017	0.0050	-	-	-
Naphthalene	ND	0.0030	0.0050	-	-	-
n-Propyl benzene	ND	0.0019	0.0050	-	-	-
Styrene	ND	0.0014	0.0050	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0013	0.0050	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.00044	0.0050	-	-	-
Tetrachloroethene	ND	0.00029	0.0050	-	-	-
Toluene	ND	0.0016	0.0050	-	-	-
1,2,3-Trichlorobenzene	ND	0.0021	0.0050	-	-	-
1,2,4-Trichlorobenzene	ND	0.0016	0.0050	-	-	-
1,1,1-Trichloroethane	ND	0.0016	0.0050	-	-	-
1,1,2-Trichloroethane	ND	0.0012	0.0050	-	-	-
Trichloroethene	ND	0.0014	0.0050	-	-	-
Trichlorofluoromethane	ND	0.0013	0.0050	-	-	-
1,2,3-Trichloropropane	ND	0.00017	0.00025	-	-	-
1,2,4-Trimethylbenzene	ND	0.0016	0.0050	-	-	-
1,3,5-Trimethylbenzene	ND	0.0017	0.0050	-	-	-
Vinyl Chloride	ND	0.00012	0.00025	-	-	-
m,p-Xylene	ND	0.0026	0.0050	-	-	-
o-Xylene	ND	0.0014	0.0050	-	-	-

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## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/12/2022	<b>BatchID:</b> 253723
<b>Date Analyzed:</b> 09/13/2022	<b>Extraction Method:</b> SW5030B
<b>Instrument:</b> GC18	<b>Analytical Method:</b> SW8260B
<b>Matrix:</b> Soil	<b>Unit:</b> mg/kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
<b>Surrogate Recovery</b>						
Dibromofluoromethane	0.12			0.125	98	70-140
Toluene-d8	0.12			0.125	100	70-140
4-BFB	0.012			0.0125	94	70-140
Benzene-d6	0.10			0.1	103	70-140
Ethylbenzene-d10	0.11			0.1	105	70-140
1,2-DCB-d4	0.077			0.1	77	70-140

(Cont.)



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC18  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253723  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.28	0.29	0.40	69	72	60-140	4.55	30
tert-Amyl methyl ether (TAME)	0.017	0.018	0.020	85	88	50-140	3.39	30
Benzene	0.017	0.019	0.020	85	93	60-140	8.30	30
Bromobenzene	0.017	0.019	0.020	86	95	60-140	10.7	30
Bromochloromethane	0.018	0.020	0.020	89	99	60-140	10.9	30
Bromodichloromethane	0.016	0.017	0.020	82	87	60-140	5.74	30
Bromoform	0.015	0.016	0.020	74	79	40-140	5.94	30
Bromomethane	0.014	0.018	0.020	69	92	30-140	28.3	30
2-Butanone (MEK)	0.096	0.10	0.080	120	127	50-140	5.06	30
t-Butyl alcohol (TBA)	0.077	0.079	0.080	96	99	50-140	2.74	30
n-Butyl benzene	0.019	0.022	0.020	96	110	60-150	13.3	30
sec-Butyl benzene	0.019	0.022	0.020	94	109	60-150	14.4	30
tert-Butyl benzene	0.019	0.022	0.020	95	110	60-140	14.4	30
Carbon Disulfide	0.017	0.019	0.020	86	96	50-140	11.3	30
Carbon Tetrachloride	0.016	0.017	0.020	81	87	60-140	7.41	30
Chlorobenzene	0.017	0.018	0.020	85	92	60-140	7.90	30
Chloroethane	0.018	0.019	0.020	88	97	50-140	9.62	30
Chloroform	0.019	0.020	0.020	94	102	60-140	7.72	30
Chloromethane	0.017	0.019	0.020	86	94	20-140	9.65	30
2-Chlorotoluene	0.019	0.021	0.020	93	103	60-140	10.0	30
4-Chlorotoluene	0.018	0.020	0.020	89	100	60-140	12.0	30
Dibromochloromethane	0.017	0.018	0.020	87	91	50-140	4.54	30
1,2-Dibromo-3-chloropropane	0.0083	0.0083	0.0080	103	104	30-140	0.302	30
1,2-Dibromoethane (EDB)	0.0093	0.0097	0.020	46	49	40-140	5.23	30
Dibromomethane	0.019	0.020	0.020	93	100	60-140	7.12	30
1,2-Dichlorobenzene	0.015	0.016	0.020	75	81	60-140	8.04	30
1,3-Dichlorobenzene	0.017	0.019	0.020	86	97	60-140	12.3	30
1,4-Dichlorobenzene	0.017	0.019	0.020	87	94	60-140	7.08	30
Dichlorodifluoromethane	0.0099	0.011	0.020	50	55	10-140	10.9	30
1,1-Dichloroethane	0.017	0.019	0.020	87	94	60-140	7.86	30
1,2-Dichloroethane (1,2-DCA)	0.018	0.019	0.020	91	97	60-140	5.89	30
1,1-Dichloroethene	0.019	0.021	0.020	94	105	60-140	10.6	30
cis-1,2-Dichloroethene	0.018	0.020	0.020	92	99	60-140	7.50	30
trans-1,2-Dichloroethene	0.018	0.019	0.020	90	97	60-140	7.07	30
1,2-Dichloropropane	0.017	0.019	0.020	86	93	60-140	7.05	30
1,3-Dichloropropane	0.019	0.021	0.020	97	103	60-140	6.73	30
2,2-Dichloropropane	0.014	0.014	0.020	68	69	60-140	2.26	30
1,1-Dichloropropene	0.016	0.018	0.020	82	91	60-140	10.1	30

(Cont.)





## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC18  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253723  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.018	0.019	0.020	90	95	60-140	5.59	30
trans-1,3-Dichloropropene	0.018	0.019	0.020	90	93	60-140	3.71	30
Diisopropyl ether (DIPE)	0.017	0.018	0.020	84	88	60-140	4.95	30
Ethylbenzene	0.018	0.019	0.020	88	97	60-140	10.1	30
Ethyl tert-butyl ether (ETBE)	0.017	0.018	0.020	86	90	60-140	5.18	30
Freon 113	0.016	0.017	0.020	79	87	50-140	9.45	30
Hexachlorobutadiene	0.017	0.019	0.020	84	93	60-140	9.82	30
Hexachloroethane	0.018	0.020	0.020	90	102	60-140	12.4	30
2-Hexanone	0.018	0.018	0.020	89	91	40-140	2.58	30
Isopropylbenzene	0.020	0.023	0.020	100	115	60-140	14.3	30
4-Isopropyl toluene	0.021	0.024	0.020	104	119	60-150	13.8	30
Methyl-t-butyl ether (MTBE)	0.019	0.020	0.020	95	98	50-140	2.63	30
Methylene chloride	0.021	0.023	0.020	106	115	60-140	8.61	30
4-Methyl-2-pentanone (MIBK)	0.016	0.016	0.020	81	78	50-140	3.48	30
Naphthalene	0.017	0.013	0.020	84	65	30-140	25.7	30
n-Propyl benzene	0.020	0.023	0.020	101	117	60-140	14.8	30
Styrene	0.016	0.017	0.020	80	84	60-140	5.24	30
1,1,1,2-Tetrachloroethane	0.017	0.018	0.020	84	89	60-140	6.46	30
1,1,2,2-Tetrachloroethane	0.017	0.019	0.020	87	93	40-140	7.23	30
Tetrachloroethene	0.017	0.019	0.020	87	97	60-140	10.4	30
Toluene	0.017	0.019	0.020	84	93	60-140	10.1	30
1,2,3-Trichlorobenzene	0.014	0.012	0.020	71	61	40-140	14.4	30
1,2,4-Trichlorobenzene	0.014	0.014	0.020	71	71	50-140	0.0750	30
1,1,1-Trichloroethane	0.017	0.018	0.020	83	91	60-140	9.98	30
1,1,2-Trichloroethane	0.018	0.019	0.020	91	96	60-140	5.73	30
Trichloroethene	0.019	0.021	0.020	95	103	60-140	8.30	30
Trichlorofluoromethane	0.016	0.017	0.020	79	87	50-140	9.28	30
1,2,3-Trichloropropane	0.011	0.012	0.020	53,F2	58,F2	60-130	8.76	30
1,2,4-Trimethylbenzene	0.019	0.021	0.020	93	105	30-140	12.1	30
1,3,5-Trimethylbenzene	0.019	0.022	0.020	95	109	60-140	13.4	30
Vinyl Chloride	0.0085	0.0095	0.020	43	48	30-140	11.1	30
m,p-Xylene	0.034	0.037	0.040	85	93	60-140	9.13	30
o-Xylene	0.017	0.019	0.020	85	95	60-140	10.8	30

(Cont.)



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC18  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253723  
**Extraction Method:** SW5030B  
**Analytical Method:** SW8260B  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253723

### QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
<b>Surrogate Recovery</b>								
Dibromofluoromethane	0.13	0.12	0.12	100	100	70-140	0.641	30
Toluene-d8	0.12	0.13	0.12	100	101	70-140	1.29	30
4-BFB	0.011	0.012	0.012	91	93	70-140	1.63	30
Benzene-d6	0.11	0.12	0.10	113	123	70-140	8.68	30
Ethylbenzene-d10	0.12	0.13	0.10	116	128	70-140	9.77	30
1,2-DCB-d4	0.088	0.098	0.10	88	98	70-140	10.8	30



## Quality Control Report

<b>Client:</b>	Ramboll	<b>WorkOrder:</b>	2209583
<b>Date Prepared:</b>	09/13/2022	<b>BatchID:</b>	253764
<b>Date Analyzed:</b>	09/13/2022	<b>Extraction Method:</b>	SW3550B/3640A
<b>Instrument:</b>	GC48	<b>Analytical Method:</b>	SW8270C
<b>Matrix:</b>	Soil	<b>Unit:</b>	mg/Kg
<b>Project:</b>	1690025294-004; Elco Yards	<b>Sample ID:</b>	MB/LCS/LCSD-253764

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,3,4,6-Tetrachlorophenol	ND	0.15	0.25	-	-	-
Benzoic Acid	ND	0.62	1.2	-	-	-
Acenaphthene	ND	0.00044	0.0013	-	-	-
Acenaphthylene	ND	0.00023	0.0013	-	-	-
Acetochlor	ND	0.11	0.25	-	-	-
Anthracene	ND	0.00060	0.0013	-	-	-
Benzidine	ND	0.40	1.2	-	-	-
Benzo (a) anthracene	ND	0.0030	0.013	-	-	-
Benzo (a) pyrene	ND	0.00078	0.0025	-	-	-
Benzo (b) fluoranthene	ND	0.0029	0.0063	-	-	-
Benzo (g,h,i) perylene	ND	0.00086	0.0025	-	-	-
Benzo (k) fluoranthene	ND	0.0012	0.0013	-	-	-
Benzyl Alcohol	ND	0.73	1.2	-	-	-
1,1-Biphenyl	ND	0.0054	0.013	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.13	0.25	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00033	0.0013	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0012	0.0025	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.18	0.25	-	-	-
Bis (2-ethylhexyl) Phthalate	0.0081,J	0.0079	0.025	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Butylbenzyl Phthalate	ND	0.0057	0.025	-	-	-
4-Chloroaniline	ND	0.00099	0.0025	-	-	-
4-Chloro-3-methylphenol	ND	0.13	0.25	-	-	-
2-Chloronaphthalene	ND	0.12	0.25	-	-	-
2-Chlorophenol	ND	0.0061	0.013	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Chrysene	ND	0.00073	0.0025	-	-	-
Dibenzo (a,h) anthracene	ND	0.0013	0.0025	-	-	-
Dibenzofuran	ND	0.00032	0.0013	-	-	-
Di-n-butyl Phthalate	ND	0.0070	0.013	-	-	-
1,2-Dichlorobenzene	ND	0.14	0.25	-	-	-
1,3-Dichlorobenzene	ND	0.13	0.25	-	-	-
1,4-Dichlorobenzene	ND	0.12	0.25	-	-	-
3,3-Dichlorobenzidine	ND	0.0022	0.0025	-	-	-
2,4-Dichlorophenol	ND	0.0012	0.0025	-	-	-
Diethyl Phthalate	ND	0.0053	0.013	-	-	-
2,4-Dimethylphenol	ND	0.11	0.25	-	-	-
Dimethyl Phthalate	ND	0.0010	0.0025	-	-	-

(Cont.)



## Quality Control Report

<b>Client:</b>	Ramboll	<b>WorkOrder:</b>	2209583
<b>Date Prepared:</b>	09/13/2022	<b>BatchID:</b>	253764
<b>Date Analyzed:</b>	09/13/2022	<b>Extraction Method:</b>	SW3550B/3640A
<b>Instrument:</b>	GC48	<b>Analytical Method:</b>	SW8270C
<b>Matrix:</b>	Soil	<b>Unit:</b>	mg/Kg
<b>Project:</b>	1690025294-004; Elco Yards	<b>Sample ID:</b>	MB/LCS/LCSD-253764

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
4,6-Dinitro-2-methylphenol	ND	0.55	1.2	-	-	-
2,4-Dinitrophenol	ND	0.11	0.25	-	-	-
2,4-Dinitrotoluene	ND	0.00041	0.013	-	-	-
2,6-Dinitrotoluene	ND	0.062	0.12	-	-	-
Di-n-octyl Phthalate	ND	0.31	0.50	-	-	-
1,2-Diphenylhydrazine	ND	0.11	0.25	-	-	-
Fluoranthene	ND	0.00073	0.0013	-	-	-
Fluorene	ND	0.00078	0.0025	-	-	-
Hexachlorobenzene	ND	0.00038	0.0013	-	-	-
Hexachlorobutadiene	ND	0.00028	0.0025	-	-	-
Hexachlorocyclopentadiene	ND	0.66	2.0	-	-	-
Hexachloroethane	ND	0.00065	0.013	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0014	0.013	-	-	-
Isophorone	ND	0.055	0.25	-	-	-
1-Methylnaphthalene	ND	0.00035	0.0013	-	-	-
2-Methylnaphthalene	ND	0.00044	0.0025	-	-	-
2-Methylphenol (o-Cresol)	ND	0.15	0.25	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.14	0.25	-	-	-
Naphthalene	ND	0.0031	0.0062	-	-	-
2-Nitroaniline	ND	0.59	1.2	-	-	-
3-Nitroaniline	ND	0.73	1.2	-	-	-
4-Nitroaniline	ND	0.64	1.2	-	-	-
Nitrobenzene	ND	0.14	0.25	-	-	-
2-Nitrophenol	ND	0.63	1.2	-	-	-
4-Nitrophenol	ND	0.70	1.2	-	-	-
N-Nitrosodimethylamine	ND	0.61	1.2	-	-	-
N-Nitrosodiphenylamine	ND	0.11	0.25	-	-	-
N-Nitrosodi-n-propylamine	ND	0.14	0.25	-	-	-
Pentachlorophenol	ND	0.032	0.062	-	-	-
Phenanthrene	ND	0.0010	0.0050	-	-	-
Phenol	ND	0.0032	0.050	-	-	-
Pyrene	ND	0.00065	0.0025	-	-	-
Pyridine	ND	0.094	0.25	-	-	-
1,2,4-Trichlorobenzene	ND	0.13	0.25	-	-	-
2,4,5-Trichlorophenol	ND	0.00067	0.0025	-	-	-
2,4,6-Trichlorophenol	ND	0.00062	0.013	-	-	-

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## Quality Control Report

<b>Client:</b>	Ramboll	<b>WorkOrder:</b>	2209583
<b>Date Prepared:</b>	09/13/2022	<b>BatchID:</b>	253764
<b>Date Analyzed:</b>	09/13/2022	<b>Extraction Method:</b>	SW3550B/3640A
<b>Instrument:</b>	GC48	<b>Analytical Method:</b>	SW8270C
<b>Matrix:</b>	Soil	<b>Unit:</b>	mg/Kg
<b>Project:</b>	1690025294-004; Elco Yards	<b>Sample ID:</b>	MB/LCS/LCSD-253764

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
<b>Surrogate Recovery</b>						
2-Fluorobiphenyl	1.1			1.25	86	60-130
4-Terphenyl-d14	1.0			1.25	80	50-130



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/13/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC48  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253764  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253764

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.053	0.059	0.062	85	95	60-130	10.8	30
Acenaphthylene	0.047	0.054	0.062	75	86	60-130	12.9	30
Acetochlor	1.1	1.2	1.25	90	93	60-130	3.03	30
Anthracene	0.056	0.061	0.062	90	97	60-130	7.20	30
Benzidine	1.1	0.90	6.25	18,F5	14,F5	30-130	21.0	30
Benzo (a) anthracene	0.058	0.064	0.062	93	103	60-130	10.1	30
Benzo (a) pyrene	0.060	0.065	0.062	96	103	60-130	7.32	30
Benzo (b) fluoranthene	0.053	0.056	0.062	85	90	40-130	5.65	30
Benzo (g,h,i) perylene	0.062	0.065	0.062	99	104	60-130	4.32	30
Benzo (k) fluoranthene	0.063	0.066	0.062	101	105	60-130	4.74	30
Benzyl Alcohol	4.1	4.3	6.25	66	69	60-130	4.80	30
1,1-Biphenyl	0.054	0.059	0.062	86	94	60-130	9.18	30
Bis (2-chloroethoxy) Methane	1.1	1.2	1.25	91	100	60-130	8.78	30
Bis (2-chloroethyl) Ether	0.064	0.068	0.062	102	108	60-130	5.67	30
Bis (2-chloroisopropyl) Ether	0.069	0.071	0.062	111	114	60-130	2.60	30
Bis (2-ethylhexyl) Adipate	1.2	1.3	1.25	98	104	40-130	5.67	30
Bis (2-ethylhexyl) Phthalate	0.068	0.072	0.062	109	115	60-130	5.28	30
4-Bromophenyl Phenyl Ether	1.1	1.2	1.25	90	96	60-130	6.52	30
Butylbenzyl Phthalate	0.068	0.069	0.062	108	111	60-130	2.82	30
4-Chloroaniline	0.036	0.036	0.062	58	58	40-130	1.25	30
4-Chloro-3-methylphenol	1.1	1.2	1.25	89	97	60-130	9.10	30
2-Chloronaphthalene	1.1	1.2	1.25	86	94	60-130	8.49	30
2-Chlorophenol	0.057	0.060	0.062	91	96	60-130	5.65	30
4-Chlorophenyl Phenyl Ether	1.2	1.3	1.25	99	106	60-130	6.97	30
Chrysene	0.061	0.064	0.062	97	102	60-130	5.14	30
Dibenzo (a,h) anthracene	0.059	0.061	0.062	95	98	60-130	2.83	30
Dibenzofuran	0.053	0.058	0.062	85	93	60-130	9.92	30
Di-n-butyl Phthalate	0.062	0.065	0.062	99	104	60-130	5.29	30
1,2-Dichlorobenzene	1.1	1.2	1.25	91	92	60-130	0.758	30
1,3-Dichlorobenzene	1.1	1.1	1.25	87	91	60-130	4.96	30
1,4-Dichlorobenzene	1.1	0.98	1.25	87	78	60-130	9.80	30
3,3-Dichlorobenzidine	0.041	0.045	0.062	65	72	40-130	10.0	30
2,4-Dichlorophenol	0.058	0.064	0.062	93	102	60-130	9.01	30
Diethyl Phthalate	0.060	0.068	0.062	96	108	60-130	12.2	30
2,4-Dimethylphenol	1.0	1.1	1.25	82	90	60-130	9.65	30
Dimethyl Phthalate	0.056	0.064	0.062	89	103	60-130	14.4	30
4,6-Dinitro-2-methylphenol	5.4	5.7	6.25	87	92	30-130	5.78	30
2,4-Dinitrophenol	0.86	1.0	1.25	69	80	15-130	15.0	30

(Cont.)



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/13/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** GC48  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253764  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253764

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.048	0.057	0.062	78	92	60-130	16.6	30
2,6-Dinitrotoluene	0.048	0.055	0.062	77	88	60-130	14.3	30
Di-n-octyl Phthalate	1.2	1.2	1.25	96	98	60-130	2.63	30
1,2-Diphenylhydrazine	1.3	1.3	1.25	104	108	60-130	3.98	30
Fluoranthene	0.056	0.060	0.062	89	95	60-130	7.08	30
Fluorene	0.068	0.078	0.062	109	125	60-130	13.6	30
Hexachlorobenzene	0.059	0.062	0.062	94	99	60-130	4.59	30
Hexachlorobutadiene	0.068	0.069	0.062	109	110	60-130	1.56	30
Hexachlorocyclopentadiene	5.2	5.4	6.25	83	86	40-130	4.17	30
Hexachloroethane	0.058	0.059	0.062	93	94	60-130	1.02	30
Indeno (1,2,3-cd) pyrene	0.061	0.065	0.062	98	104	60-130	5.68	30
Isophorone	1.0	1.2	1.25	83	93	60-130	11.3	30
1-Methylnaphthalene	0.069	0.074	0.062	110	119	60-130	8.01	30
2-Methylnaphthalene	0.064	0.069	0.062	102	110	60-130	8.01	30
2-Methylphenol (o-Cresol)	1.1	1.1	1.25	84	90	60-130	6.69	30
3 & 4-Methylphenol (m,p-Cresol)	1.1	1.2	1.25	88	99	60-130	12.3	30
Naphthalene	0.058	0.063	0.062	94	100	60-130	6.94	30
2-Nitroaniline	6.6	7.5	6.25	105	120	60-130	13.2	30
3-Nitroaniline	3.9	3.9	6.25	63	62	30-130	1.20	30
4-Nitroaniline	4.8	5.3	6.25	76	86	60-130	11.2	30
Nitrobenzene	1.2	1.3	1.25	98	106	60-130	8.36	30
2-Nitrophenol	6.6	7.1	6.25	106	113	60-130	6.97	30
4-Nitrophenol	5.0	6.0	6.25	80	96	60-130	18.1	30
N-Nitrosodiphenylamine	1.1	1.2	1.25	90	97	60-130	7.18	30
N-Nitrosodi-n-propylamine	1.2	1.3	1.25	99	106	60-130	6.50	30
Pentachlorophenol	0.18	0.20	0.31	57	65	40-130	12.6	30
Phenanthrene	0.055	0.059	0.062	88	94	60-130	6.25	30
Phenol	0.22	0.23	0.25	86	94	60-130	8.65	30
Pyrene	0.062	0.068	0.062	99	108	60-130	8.91	30
Pyridine	0.65	0.64	1.25	52	51	30-130	2.10	30
1,2,4-Trichlorobenzene	1.2	1.2	1.25	92	99	60-130	6.70	30
2,4,5-Trichlorophenol	0.049	0.049	0.062	78	79	60-130	0.236	30
2,4,6-Trichlorophenol	0.047	0.053	0.062	76	85	60-130	11.9	30

#### Surrogate Recovery

2-Fluorobiphenyl	1.2	1.3	1.25	96	100	60-130	4.45	30
4-Terphenyl-d14	1.2	1.3	1.25	100	102	50-130	2.69	30

(Cont.)



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/14/2022  
**Date Analyzed:** 09/14/2022  
**Instrument:** GC48  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253909  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,3,4,6-Tetrachlorophenol	ND	0.15	0.25	-	-	-
Benzoic Acid	ND	0.62	1.2	-	-	-
Acenaphthene	ND	0.00044	0.0013	-	-	-
Acenaphthylene	ND	0.00023	0.0013	-	-	-
Acetochlor	ND	0.11	0.25	-	-	-
Anthracene	ND	0.00060	0.0013	-	-	-
Benzidine	ND	0.40	1.2	-	-	-
Benzo (a) anthracene	ND	0.0030	0.013	-	-	-
Benzo (a) pyrene	ND	0.00078	0.0025	-	-	-
Benzo (b) fluoranthene	ND	0.0029	0.0063	-	-	-
Benzo (g,h,i) perylene	ND	0.00086	0.0025	-	-	-
Benzo (k) fluoranthene	ND	0.0012	0.0013	-	-	-
Benzyl Alcohol	ND	0.73	1.2	-	-	-
1,1-Biphenyl	ND	0.0054	0.013	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.13	0.25	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00033	0.0013	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0012	0.0025	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.18	0.25	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0079	0.025	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Butylbenzyl Phthalate	ND	0.0057	0.025	-	-	-
4-Chloroaniline	ND	0.00099	0.0025	-	-	-
4-Chloro-3-methylphenol	ND	0.13	0.25	-	-	-
2-Chloronaphthalene	ND	0.12	0.25	-	-	-
2-Chlorophenol	ND	0.0061	0.013	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Chrysene	ND	0.00073	0.0025	-	-	-
Dibenzo (a,h) anthracene	ND	0.0013	0.0025	-	-	-
Dibenzofuran	ND	0.00032	0.0013	-	-	-
Di-n-butyl Phthalate	ND	0.0070	0.013	-	-	-
1,2-Dichlorobenzene	ND	0.14	0.25	-	-	-
1,3-Dichlorobenzene	ND	0.13	0.25	-	-	-
1,4-Dichlorobenzene	ND	0.12	0.25	-	-	-
3,3-Dichlorobenzidine	ND	0.0022	0.0025	-	-	-
2,4-Dichlorophenol	ND	0.0012	0.0025	-	-	-
Diethyl Phthalate	ND	0.0053	0.013	-	-	-
2,4-Dimethylphenol	ND	0.11	0.25	-	-	-
Dimethyl Phthalate	ND	0.0010	0.0025	-	-	-

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## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/14/2022	<b>BatchID:</b> 253909
<b>Date Analyzed:</b> 09/14/2022	<b>Extraction Method:</b> SW3550B/3640A
<b>Instrument:</b> GC48	<b>Analytical Method:</b> SW8270C
<b>Matrix:</b> Soil	<b>Unit:</b> mg/Kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
4,6-Dinitro-2-methylphenol	ND	0.55	1.2	-	-	-
2,4-Dinitrophenol	ND	0.11	0.25	-	-	-
2,4-Dinitrotoluene	ND	0.00041	0.013	-	-	-
2,6-Dinitrotoluene	ND	0.062	0.12	-	-	-
Di-n-octyl Phthalate	ND	0.31	0.50	-	-	-
1,2-Diphenylhydrazine	ND	0.11	0.25	-	-	-
Fluoranthene	ND	0.00073	0.0013	-	-	-
Fluorene	ND	0.00078	0.0025	-	-	-
Hexachlorobenzene	ND	0.00038	0.0013	-	-	-
Hexachlorobutadiene	ND	0.00028	0.0025	-	-	-
Hexachlorocyclopentadiene	ND	0.66	2.0	-	-	-
Hexachloroethane	ND	0.00065	0.013	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0014	0.013	-	-	-
Isophorone	ND	0.055	0.25	-	-	-
1-Methylnaphthalene	ND	0.00035	0.0013	-	-	-
2-Methylnaphthalene	ND	0.00044	0.0025	-	-	-
2-Methylphenol (o-Cresol)	ND	0.15	0.25	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.14	0.25	-	-	-
Naphthalene	ND	0.0031	0.0062	-	-	-
2-Nitroaniline	ND	0.59	1.2	-	-	-
3-Nitroaniline	ND	0.73	1.2	-	-	-
4-Nitroaniline	ND	0.64	1.2	-	-	-
Nitrobenzene	ND	0.14	0.25	-	-	-
2-Nitrophenol	ND	0.63	1.2	-	-	-
4-Nitrophenol	ND	0.70	1.2	-	-	-
N-Nitrosodimethylamine	ND	0.61	1.2	-	-	-
N-Nitrosodiphenylamine	ND	0.11	0.25	-	-	-
N-Nitrosodi-n-propylamine	ND	0.14	0.25	-	-	-
Pentachlorophenol	ND	0.032	0.062	-	-	-
Phenanthrene	ND	0.0010	0.0050	-	-	-
Phenol	ND	0.0032	0.050	-	-	-
Pyrene	ND	0.00065	0.0025	-	-	-
Pyridine	ND	0.094	0.25	-	-	-
1,2,4-Trichlorobenzene	ND	0.13	0.25	-	-	-
2,4,5-Trichlorophenol	ND	0.00067	0.0025	-	-	-
2,4,6-Trichlorophenol	ND	0.00062	0.013	-	-	-

(Cont.)



## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/14/2022	<b>BatchID:</b> 253909
<b>Date Analyzed:</b> 09/14/2022	<b>Extraction Method:</b> SW3550B/3640A
<b>Instrument:</b> GC48	<b>Analytical Method:</b> SW8270C
<b>Matrix:</b> Soil	<b>Unit:</b> mg/Kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
<b>Surrogate Recovery</b>						
2-Fluorophenol	1.1			1.25	84	60-130
Phenol-d5	0.96			1.25	77	60-130
Nitrobenzene-d5	0.94			1.25	75	60-130
2-Fluorobiphenyl	1.0			1.25	83	60-130
2,4,6-Tribromophenol	0.56			1.25	45,F3	50-130
4-Terphenyl-d14	1.0			1.25	81	50-130



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/14/2022  
**Date Analyzed:** 09/14/2022  
**Instrument:** GC48  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253909  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.057	0.055	0.062	91	89	60-130	2.51	30
Acenaphthylene	0.052	0.051	0.062	83	82	60-130	1.38	30
Acetochlor	1.1	1.0	1.25	85	82	60-130	3.86	30
Anthracene	0.058	0.060	0.062	93	95	60-130	2.09	30
Benzidine	0.89	0.75	6.25	14,F5	12,F5	30-130	17.4	30
Benzo (a) anthracene	0.060	0.062	0.062	96	99	60-130	2.70	30
Benzo (a) pyrene	0.063	0.065	0.062	101	104	60-130	2.73	30
Benzo (b) fluoranthene	0.058	0.055	0.062	93	88	40-130	5.69	30
Benzo (g,h,i) perylene	0.060	0.061	0.062	96	98	60-130	2.11	30
Benzo (k) fluoranthene	0.062	0.066	0.062	99	106	60-130	6.24	30
Benzyl Alcohol	4.4	4.7	6.25	70	75	60-130	6.94	30
1,1-Biphenyl	0.057	0.057	0.062	92	92	60-130	0.300	30
Bis (2-chloroethoxy) Methane	1.1	1.1	1.25	88	91	60-130	3.49	30
Bis (2-chloroethyl) Ether	0.057	0.058	0.062	91	92	60-130	1.10	30
Bis (2-chloroisopropyl) Ether	0.064	0.064	0.062	103	103	60-130	0.384	30
Bis (2-ethylhexyl) Adipate	1.2	1.2	1.25	95	94	40-130	0.790	30
Bis (2-ethylhexyl) Phthalate	0.065	0.066	0.062	104	105	60-130	0.786	30
4-Bromophenyl Phenyl Ether	1.1	1.1	1.25	92	91	60-130	0.552	30
Butylbenzyl Phthalate	0.064	0.064	0.062	102	103	60-130	0.317	30
4-Chloroaniline	0.037	0.030	0.062	59	47	40-130	21.3	30
4-Chloro-3-methylphenol	1.1	1.2	1.25	91	93	60-130	1.89	30
2-Chloronaphthalene	1.1	1.1	1.25	89	91	60-130	2.52	30
2-Chlorophenol	0.058	0.060	0.062	93	95	60-130	2.32	30
4-Chlorophenyl Phenyl Ether	1.4	1.4	1.25	113	110	60-130	2.60	30
Chrysene	0.061	0.060	0.062	97	97	60-130	0.590	30
Dibenzo (a,h) anthracene	0.058	0.058	0.062	92	92	60-130	0.0715	30
Dibenzofuran	0.058	0.056	0.062	93	90	60-130	2.73	30
Di-n-butyl Phthalate	0.063	0.064	0.062	101	102	60-130	1.41	30
1,2-Dichlorobenzene	1.1	1.1	1.25	88	89	60-130	1.29	30
1,3-Dichlorobenzene	1.1	1.1	1.25	88	89	60-130	0.194	30
1,4-Dichlorobenzene	1.1	0.97	1.25	86	78	60-130	10.2	30
3,3-Dichlorobenzidine	0.038	0.034	0.062	60	55	40-130	10.0	30
2,4-Dichlorophenol	0.061	0.063	0.062	98	102	60-130	3.45	30
Diethyl Phthalate	0.065	0.063	0.062	105	101	60-130	3.49	30
2,4-Dimethylphenol	1.1	1.1	1.25	88	91	60-130	3.37	30
Dimethyl Phthalate	0.062	0.064	0.062	100	102	60-130	1.93	30
4,6-Dinitro-2-methylphenol	5.4	5.4	6.25	87	86	30-130	0.476	30
2,4-Dinitrophenol	0.86	0.93	1.25	69	75	15-130	8.40	30

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## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/14/2022  
**Date Analyzed:** 09/14/2022  
**Instrument:** GC48  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253909  
**Extraction Method:** SW3550B/3640A  
**Analytical Method:** SW8270C  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.056	0.057	0.062	90	91	60-130	0.693	30
2,6-Dinitrotoluene	0.052	0.052	0.062	83	83	60-130	0.440	30
Di-n-octyl Phthalate	1.2	1.2	1.25	93	93	60-130	0.221	30
1,2-Diphenylhydrazine	1.2	1.2	1.25	93	92	60-130	0.203	30
Fluoranthene	0.060	0.060	0.062	96	96	60-130	0.307	30
Fluorene	0.074	0.074	0.062	118	119	60-130	0.495	30
Hexachlorobenzene	0.060	0.060	0.062	96	97	60-130	0.983	30
Hexachlorobutadiene	0.063	0.063	0.062	100	101	60-130	0.640	30
Hexachlorocyclopentadiene	5.2	5.2	6.25	83	82	40-130	0.987	30
Hexachloroethane	0.052	0.052	0.062	83	84	60-130	0.579	30
Indeno (1,2,3-cd) pyrene	0.061	0.061	0.062	98	98	60-130	0.419	30
Isophorone	0.95	0.97	1.25	76	78	60-130	2.46	30
1-Methylnaphthalene	0.066	0.068	0.062	106	108	60-130	1.82	30
2-Methylnaphthalene	0.10	0.099	0.062	159,F5	159,F5	60-130	0.331	30
2-Methylphenol (o-Cresol)	1.1	1.1	1.25	85	88	60-130	2.76	30
3 & 4-Methylphenol (m,p-Cresol)	1.2	1.2	1.25	94	94	60-130	0.00637	30
Naphthalene	0.057	0.059	0.062	92	94	60-130	2.62	30
2-Nitroaniline	7.2	6.9	6.25	115	110	60-130	3.72	30
3-Nitroaniline	4.1	3.4	6.25	66	54	30-130	18.9	30
4-Nitroaniline	5.5	5.5	6.25	89	88	60-130	1.13	30
Nitrobenzene	1.2	1.2	1.25	93	96	60-130	4.04	30
2-Nitrophenol	6.5	6.6	6.25	104	106	60-130	1.50	30
4-Nitrophenol	5.6	5.3	6.25	90	84	60-130	6.39	30
N-Nitrosodiphenylamine	1.2	1.1	1.25	92	91	60-130	0.889	30
N-Nitrosodi-n-propylamine	1.1	1.1	1.25	84	86	60-130	1.66	30
Pentachlorophenol	0.24	0.24	0.31	76	77	40-130	0.618	30
Phenanthrene	0.056	0.057	0.062	90	91	60-130	0.793	30
Phenol	0.23	0.24	0.25	94	96	60-130	1.74	30
Pyrene	0.065	0.067	0.062	104	107	60-130	2.20	30
Pyridine	0.65	0.72	1.25	52	57	30-130	9.98	30
1,2,4-Trichlorobenzene	1.2	1.2	1.25	94	96	60-130	2.61	30
2,4,5-Trichlorophenol	0.049	0.051	0.062	79	81	60-130	2.84	30
2,4,6-Trichlorophenol	0.054	0.054	0.062	86	87	60-130	0.539	30

(Cont.)



## Quality Control Report

<b>Client:</b>	Ramboll	<b>WorkOrder:</b>	2209583
<b>Date Prepared:</b>	09/14/2022	<b>BatchID:</b>	253909
<b>Date Analyzed:</b>	09/14/2022	<b>Extraction Method:</b>	SW3550B/3640A
<b>Instrument:</b>	GC48	<b>Analytical Method:</b>	SW8270C
<b>Matrix:</b>	Soil	<b>Unit:</b>	mg/Kg
<b>Project:</b>	1690025294-004; Elco Yards	<b>Sample ID:</b>	MB/LCS/LCSD-253909

### QC Summary Report for SW8270C (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
<b>Surrogate Recovery</b>								
2-Fluorophenol	1.2	1.2	1.25	94	93	60-130	0.974	30
Phenol-d5	1.1	1.1	1.25	89	89	60-130	0.0429	30
Nitrobenzene-d5	1.1	1.2	1.25	90	94	60-130	3.84	30
2-Fluorobiphenyl	1.2	1.2	1.25	97	96	60-130	1.30	30
2,4,6-Tribromophenol	1.0	1.0	1.25	83	81	50-130	2.54	30
4-Terphenyl-d14	1.2	1.2	1.25	96	95	50-130	0.579	30



## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/12/2022	<b>BatchID:</b> 253697
<b>Date Analyzed:</b> 09/13/2022	<b>Extraction Method:</b> SW3050B
<b>Instrument:</b> ICP-MS5	<b>Analytical Method:</b> SW6020
<b>Matrix:</b> Soil	<b>Unit:</b> mg/kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253697

### QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.16	0.50	-	-	-
Arsenic	ND	0.14	0.50	-	-	-
Barium	ND	0.68	5.0	-	-	-
Beryllium	ND	0.083	0.50	-	-	-
Cadmium	ND	0.094	0.50	-	-	-
Chromium	ND	0.13	0.50	-	-	-
Cobalt	ND	0.069	0.50	-	-	-
Copper	ND	0.23	0.50	-	-	-
Lead	ND	0.069	0.50	-	-	-
Mercury	ND	0.038	0.050	-	-	-
Molybdenum	ND	0.14	0.50	-	-	-
Nickel	ND	0.081	0.50	-	-	-
Selenium	ND	0.32	0.50	-	-	-
Silver	ND	0.11	0.50	-	-	-
Thallium	ND	0.072	0.50	-	-	-
Vanadium	ND	0.15	0.50	-	-	-
Zinc	ND	3.2	5.0	-	-	-
<b>Surrogate Recovery</b>						
Terbium	550			500	109	70-130



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** ICP-MS5  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253697  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253697

### QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	49	49	50	99	98	75-125	1.25	20
Arsenic	54	54	50	109	108	75-125	0.289	20
Barium	530	510	500	105	103	75-125	2.42	20
Beryllium	49	50	50	99	100	75-125	0.816	20
Cadmium	50	50	50	100	101	75-125	0.862	20
Chromium	50	51	50	101	101	75-125	0.752	20
Cobalt	52	52	50	103	103	75-125	0.165	20
Copper	55	54	50	109	109	75-125	0.467	20
Lead	50	51	50	99	101	75-125	2.27	20
Mercury	1.2	1.3	1.25	98	101	75-125	2.57	20
Molybdenum	52	51	50	103	103	75-125	0.420	20
Nickel	54	53	50	108	106	75-125	1.97	20
Selenium	54	55	50	108	109	75-125	0.820	20
Silver	49	48	50	97	96	75-125	1.92	20
Thallium	52	52	50	103	104	75-125	0.885	20
Vanadium	51	51	50	102	102	75-125	0.0704	20
Zinc	550	540	500	109	108	75-125	0.767	20
<b>Surrogate Recovery</b>								
Terbium	540	540	500	109	107	70-130	1.52	20



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** ICP-MS4  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253735  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253735  
 2209583-007AMS/MSD  
 2209583-007APDS

### QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.16	0.50	-	-	-
Arsenic	ND	0.14	0.50	-	-	-
Barium	ND	0.68	5.0	-	-	-
Beryllium	ND	0.083	0.50	-	-	-
Cadmium	ND	0.094	0.50	-	-	-
Chromium	ND	0.13	0.50	-	-	-
Cobalt	ND	0.069	0.50	-	-	-
Copper	ND	0.23	0.50	-	-	-
Lead	ND	0.069	0.50	-	-	-
Mercury	ND	0.038	0.050	-	-	-
Molybdenum	ND	0.14	0.50	-	-	-
Nickel	ND	0.081	0.50	-	-	-
Selenium	ND	0.32	0.50	-	-	-
Silver	ND	0.11	0.50	-	-	-
Thallium	ND	0.072	0.50	-	-	-
Vanadium	ND	0.15	0.50	-	-	-
Zinc	ND	3.2	5.0	-	-	-
<b>Surrogate Recovery</b>						
Terbium	530			500	106	70-130





## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** ICP-MS4  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253735  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253735  
 2209583-007AMS/MSD  
 2209583-007APDS

### QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	51	50	50	102	101	75-125	1.08	20
Arsenic	51	50	50	102	99	75-125	2.32	20
Barium	500	480	500	100	97	75-125	3.55	20
Beryllium	50	49	50	101	98	75-125	2.32	20
Cadmium	50	49	50	101	97	75-125	3.52	20
Chromium	50	49	50	100	99	75-125	1.52	20
Cobalt	51	49	50	101	98	75-125	3.25	20
Copper	53	51	50	105	102	75-125	3.07	20
Lead	50	48	50	100	97	75-125	3.26	20
Mercury	1.3	1.3	1.25	101	102	75-125	1.10	20
Molybdenum	51	51	50	103	101	75-125	1.41	20
Nickel	52	50	50	103	100	75-125	3.23	20
Selenium	51	51	50	102	102	75-125	0.320	20
Silver	51	49	50	102	98	75-125	3.20	20
Thallium	49	47	50	97	94	75-125	3.24	20
Vanadium	50	49	50	99	99	75-125	0.619	20
Zinc	520	500	500	103	100	75-125	3.12	20

#### Surrogate Recovery

Terbium	540	520	500	108	103	70-130	4.23	20
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	1	51	51	50	0.6280	100	100	75-125	0.308	20
Arsenic	1	57	57	50	7.256	100	99	75-125	0.471	20
Barium	1	1000	800	500	254.6	152,F10	109	75-125	23.4,F10	20
Beryllium	1	48	48	50	0.7860	95	95	75-125	0.0187	20
Cadmium	1	49	49	50	ND	97	98	75-125	0.867	20
Chromium	1	130	130	50	69.99	114	123	75-125	3.26	20
Cobalt	1	62	62	50	12.99	99	98	75-125	0.371	20
Copper	1	88	90	50	34.84	105	110	75-125	2.54	20
Lead	1	60	60	50	9.848	100	101	75-125	0.336	20
Mercury	1	1.3	1.4	1.25	0.07300	100	104	75-125	3.34	20
Molybdenum	1	52	54	50	1.635	101	104	75-125	2.42	20
Nickel	1	160	180	50	87.52	145,F10	188,F10	75-125	12.4	20
Selenium	1	50	50	50	ND	100	100	75-125	0.186	20
Silver	1	50	50	50	ND	100	100	75-125	0.571	20

(Cont.)



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022  
**Instrument:** ICP-MS4  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253735  
**Extraction Method:** SW3050B  
**Analytical Method:** SW6020  
**Unit:** mg/kg  
**Sample ID:** MB/LCS/LCSD-253735  
 2209583-007AMS/MSD  
 2209583-007APDS

### QC Summary Report for Metals

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Thallium	1	48	49	50	ND	96	97	75-125	1.09	20
Vanadium	1	120	130	50	70.27	109	113	75-125	1.33	20
Zinc	1	580	580	500	76.99	100	100	75-125	0.303	20
<b>Surrogate Recovery</b>										
Terbium	1	530	540	500		107	107	70-130	0.373	20

Analyte	PDS Result	SPK Val	SPKRef Val	PDS %REC	PDS Limits
Barium	750	500	254.6	99	75-125

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony	ND<2.5	0.6280	-	-
Arsenic	7.2	7.256	0.772	-
Barium	260	254.6	2.12	20
Beryllium	ND<2.5	0.7860	-	-
Cadmium	ND<2.5	ND	-	-
Chromium	74	69.99	5.73	20
Cobalt	14	12.99	7.78	20
Copper	36	34.84	3.33	20
Lead	9.9	9.848	0.528	-
Mercury	ND<0.25	0.07300	-	-
Molybdenum	ND<2.5	1.635	-	-
Nickel	87	87.52	0.594	20
Selenium	ND<2.5	ND	-	-
Silver	ND<2.5	ND	-	-
Thallium	ND<2.5	ND	-	-
Vanadium	75	70.27	6.73	20
Zinc	78	76.99	1.31	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



## Quality Control Report

<b>Client:</b>	Ramboll	<b>WorkOrder:</b>	2209583
<b>Date Prepared:</b>	09/12/2022	<b>BatchID:</b>	253729
<b>Date Analyzed:</b>	09/13/2022	<b>Extraction Method:</b>	SW5035
<b>Instrument:</b>	GC19, GC3	<b>Analytical Method:</b>	SW8021B/8015Bm
<b>Matrix:</b>	Soil	<b>Unit:</b>	mg/Kg
<b>Project:</b>	1690025294-004; Elco Yards	<b>Sample ID:</b>	MB/LCS/LCSD-253729

### QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.55	1.0	-	-	-
MTBE	ND	0.0026	0.050	-	-	-
Benzene	ND	0.0018	0.0050	-	-	-
Toluene	ND	0.0022	0.0050	-	-	-
Ethylbenzene	ND	0.0015	0.0050	-	-	-
m,p-Xylene	ND	0.0026	0.010	-	-	-
o-Xylene	ND	0.00098	0.0050	-	-	-

**Surrogate Recovery**

2-Fluorotoluene	0.090			0.1	90	75-134
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.54	0.55	0.60	90	92	82-118	2.87	20
MTBE	0.089	0.090	0.10	89	90	61-119	0.443	20
Benzene	0.092	0.095	0.10	92	95	77-128	3.65	20
Toluene	0.093	0.096	0.10	93	96	74-132	3.59	20
Ethylbenzene	0.095	0.099	0.10	95	99	84-127	3.73	20
m,p-Xylene	0.19	0.20	0.20	95	98	80-120	3.11	20
o-Xylene	0.096	0.10	0.10	96	100	80-120	3.16	20

**Surrogate Recovery**

2-Fluorotoluene	0.087	0.092	0.10	87	92	75-134	5.19	20
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## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/13/2022  
**Date Analyzed:** 09/14/2022  
**Instrument:** WetChem  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253831  
**Extraction Method:** ASTM D2216  
**Analytical Method:** SW8000  
**Unit:** wet wt%  
**Sample ID:** MB-253831  
 2209583-002A

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### QC Summary Report for Percent Moisture

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Analyte	MB Result	MDL	RL	-	-	-
% Moisture	ND	0.100	0.100	-	-	-

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Analyte	SAMP Result	DUP Result	RPD	RPD Limit
% Moisture	16.0	16.2	0.933	15

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## Quality Control Report

<b>Client:</b> Ramboll	<b>WorkOrder:</b> 2209583
<b>Date Prepared:</b> 09/12/2022	<b>BatchID:</b> 253696
<b>Date Analyzed:</b> 09/12/2022	<b>Extraction Method:</b> SW3550B
<b>Instrument:</b> GC11A	<b>Analytical Method:</b> SW8015B
<b>Matrix:</b> Soil	<b>Unit:</b> mg/Kg
<b>Project:</b> 1690025294-004; Elco Yards	<b>Sample ID:</b> MB/LCS/LCSD-253696

### QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.78	2.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.6	10	-	-	-
<b>Surrogate Recovery</b>						
C9	24			25	95	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	38	38	40	95	95	70-130	0.409	20
<b>Surrogate Recovery</b>								
C9	24	24	25	95	95	70-130	0.218	20



## Quality Control Report

**Client:** Ramboll  
**Date Prepared:** 09/12/2022  
**Date Analyzed:** 09/13/2022 - 09/15/2022  
**Instrument:** GC11B, GC9a  
**Matrix:** Soil  
**Project:** 1690025294-004; Elco Yards

**WorkOrder:** 2209583  
**BatchID:** 253732  
**Extraction Method:** SW3550B  
**Analytical Method:** SW8015B  
**Unit:** mg/Kg  
**Sample ID:** MB/LCS/LCSD-253732  
 2209583-002AMS/MSD

### QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	0.78	2.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.6	10	-	-	-
<b>Surrogate Recovery</b>						
C9	24			25	96	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	39	39	40	96	98	70-130	1.56	20
<b>Surrogate Recovery</b>								
C9	24	24	25	96	96	70-130	0.262	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	1	35	35	40	ND	83	83	70-130	0.208	20
<b>Surrogate Recovery</b>										
C9	1	19	19	25		77	76	70-130	1.00	20

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 2209583 ClientCode: ENVE

WaterTrax  CLIP  EDF  J-flag  
 EQulS  Dry-Weight  Email  HardCopy  ThirdParty  
 Detection Summary  Excel

Report to: Jason Kane  
 Ramboll  
 2200 Powell Street, 7th Floor  
 Emeryville, CA 94608  
 (916) 390-4136 FAX: (510) 655-9517

Bill to: Ramboll  
 2200 Powell Street, 7th Floor  
 Emeryville, CA 94608  
 US169\_vendor@ramboll.com

Email: jpkane@ramboll.com  
 cc/3rd Party: twinger@ramboll.com;  
 PO: 1690025294-004; Elco Yards  
 Project: 1690025294-004; Elco Yards

Requested TATs: 1 day;  
 2 days;  
 3 days;  
 Date Received: 09/12/2022  
 Date Logged: 09/12/2022

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)													
					1	2	3	4	5	6	7	8	9	10	11	12		
2209583-001	SS-TANK01-01	Soil	9/12/2022 11:00	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-002	SS-TANK01-02	Soil	9/12/2022 11:05	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-003	SS-TANK01-03	Soil	9/12/2022 11:10	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-004	SS-TANK01-04	Soil	9/12/2022 11:15	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-005	SS-TANK01-05	Soil	9/12/2022 11:20	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-006	SS-TANK01-06	Soil	9/12/2022 11:25	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-007	SS-TANK01-07	Soil	9/12/2022 11:30	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2209583-008	SS-TANK01-08	Soil	9/12/2022 11:35	<input type="checkbox"/>	A	A	A	A	A	A	A	A	A	A	A	A	A	A

**Test Legend:**

1	8081pcB_ESL_LL_S	2	8081PCB_S	3	8260B_S	4	8270_SCSM_GPC_S
5	ASBEST400(TEM)_S	6	CAM17MS_TTLC_S	7	G-MBTEX_S	8	PERmoist_S
9	PRDisposal Fee	10	STLC_MSEXTRACTONLY	11	TCLP_MSEXTRACTONLY	12	TPH(DMO)_S

**Project Manager: Angela Rydelius**

Prepared by: Lilly Ortiz

The following SamplIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A contain testgroup Multi Range\_S.

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup should be charged \$75. ESLs added to OCPs + CARB & Moisture 9/13/22 Rush TAT.

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days). Hazardous samples will be returned to client or disposed of at client expense.



## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  EQulS  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Out
001A	SS-TANK01-01	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:00	3 days*	9/15/2022		
			STLC Extract and Hold							3 days*	9/15/2022		
			SW 8000 (Percent Moisture)							2 days	9/14/2022		
			Multi-Range TPH							3 days	9/15/2022		
			SW6020 (CAM 17)							3 days	9/15/2022		
			Asbestos, 435 CARB 400 TEM							1 day	9/23/2022		<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup							1 day	9/15/2022		
			SW8260B (VOCs)							3 days	9/15/2022		
			SW8081A/8082 (OC Pesticides+PCBs)							3 days	9/15/2022		
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil							1 day	9/16/2022		
			SW7199 (Hexavalent chromium, Low-Level)							2 days	9/14/2022		
002A	SS-TANK01-02	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:05	3 days*	9/15/2022		

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U\*\* = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.





## WORK ORDER SUMMARY

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**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  EQulS  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Out
002A	SS-TANK01-02	Soil	STLC Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:05	3 days*	9/15/2022		
			SW 8000 (Percent Moisture)							2 days	9/14/2022		
			Multi-Range TPH							3 days	9/15/2022		
			SW6020 (CAM 17)							3 days	9/15/2022		
			Asbestos, 435 CARB 400 TEM							1 day	9/23/2022		<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup							1 day	9/15/2022		
			SW8260B (VOCs)							3 days	9/15/2022		
			SW8081A/8082 (OC Pesticides+PCBs)							3 days	9/15/2022		<input checked="" type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil							1 day	9/15/2022		
			SW7199 (Hexavalent chromium, Low-Level)							2 days	9/14/2022		
003A	SS-TANK01-03	Soil	Multi-Range TPH	1	16OZ GI, Unpres				9/12/2022 11:10	3 days	9/15/2022		
			TCLP Extract and Hold							3 days*	9/15/2022		

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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## WORK ORDER SUMMARY

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**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  EQulS  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
003A	SS-TANK01-03	Soil	STLC Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:10	3 days*	9/15/2022			
			SW 8000 (Percent Moisture)							2 days	9/14/2022			
			SW6020 (CAM 17)							3 days	9/15/2022			
			Asbestos, 435 CARB 400 TEM							1 day	9/23/2022			<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup							1 day	9/15/2022			
			SW8260B (VOCs)							3 days	9/15/2022			
			SW8081A/8082 (OC Pesticides+PCBs)							3 days	9/15/2022			<input checked="" type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil							1 day	9/15/2022			
			SW7199 (Hexavalent chromium, Low-Level)							2 days	9/14/2022			
004A	SS-TANK01-04	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:15	3 days*	9/15/2022			
			STLC Extract and Hold							3 days*	9/15/2022			
			SW 8000 (Percent Moisture)							2 days	9/14/2022			

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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## WORK ORDER SUMMARY

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**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  EQulS  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Out
004A	SS-TANK01-04	Soil	Multi-Range TPH	1	16OZ GI, Unpres				9/12/2022 11:15	3 days	9/15/2022		
			SW6020 (CAM 17)							3 days	9/15/2022		
			Asbestos, 435 CARB 400 TEM							1 day	9/23/2022		<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup							1 day	9/15/2022		
			SW8260B (VOCs)							3 days	9/15/2022		
			SW8081A/8082 (OC Pesticides+PCBs)							3 days	9/15/2022		<input checked="" type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil							1 day	9/15/2022		
			SW7199 (Hexavalent chromium, Low-Level)							2 days	9/14/2022		
005A	SS-TANK01-05	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres				9/12/2022 11:20	3 days*	9/15/2022		
			STLC Extract and Hold							3 days*	9/15/2022		
			SW 8000 (Percent Moisture)							2 days	9/14/2022		
			Multi-Range TPH							3 days	9/15/2022		

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  Email  EQulS  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Out
005A	SS-TANK01-05	Soil	SW6020 (CAM 17) Asbestos, 435 CARB 400 TEM SW8270C (Low Level SVOCs) with GPC Cleanup SW8260B (VOCs)	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:20	3 days	9/15/2022		<input type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/23/2022		<input checked="" type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>
			SW7199 (Hexavalent chromium, Low-Level)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input checked="" type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>
006A	SS-TANK01-06	Soil	TCLP Extract and Hold STLC Extract and Hold SW 8000 (Percent Moisture) Multi-Range TPH SW6020 (CAM 17)	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:25	3 days*	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days*	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).  
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## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Out
006A	SS-TANK01-06	Soil	Asbestos, 435 CARB 400 TEM	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:25	1 day	9/23/2022		<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>
			SW8260B (VOCs)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input checked="" type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>
			SW7199 (Hexavalent chromium, Low-Level)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>
007A	SS-TANK01-07	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:30	3 days*	9/15/2022		<input type="checkbox"/>
			STLC Extract and Hold			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days*	9/15/2022		<input type="checkbox"/>
			SW 8000 (Percent Moisture)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>
			Multi-Range TPH			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>
			SW6020 (CAM 17)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>
			Asbestos, 435 CARB 400 TEM			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/23/2022		<input checked="" type="checkbox"/>

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).  
 - Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.  
 - MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.  
 U\*\* = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  EQulS  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Out
007A	SS-TANK01-07	Soil	SW8270C (Low Level SVOCs) with GPC Cleanup	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:30	1 day	9/15/2022		<input type="checkbox"/>
			SW8260B (VOCs)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input checked="" type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>
			SW7199 (Hexavalent chromium, Low-Level)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>
008A	SS-TANK01-08	Soil	TCLP Extract and Hold	1	16OZ GI, Unpres	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9/12/2022 11:35	3 days*	9/15/2022		<input type="checkbox"/>
			STLC Extract and Hold			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days*	9/15/2022		<input type="checkbox"/>
			SW 8000 (Percent Moisture)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2 days	9/14/2022		<input type="checkbox"/>
			Multi-Range TPH			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>
			SW6020 (CAM 17)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		3 days	9/15/2022		<input type="checkbox"/>
			Asbestos, 435 CARB 400 TEM			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/23/2022		<input checked="" type="checkbox"/>
			SW8270C (Low Level SVOCs) with GPC Cleanup			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		1 day	9/15/2022		<input type="checkbox"/>

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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## WORK ORDER SUMMARY

**Client Name:** RAMBOLL  
**Client Contact:** Jason Kane  
**Contact's Email:** jpkane@ramboll.com

**Project:** 1690025294-004; Elco Yards

**Work Order:** 2209583  
**QC Level:** LEVEL 2  
**Date Logged:** 9/12/2022

**Comments:** 8260 NODIL-Only charge \$200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

WaterTrax  WriteOn  EDF  Excel  EQulS  Email  HardCopy  ThirdParty  J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold Out
008A	SS-TANK01-08	Soil	SW8260B (VOCs)	1	16OZ GI, Unpres				9/12/2022 11:35	3 days	9/15/2022		<input type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs)							3 days	9/15/2022		<input checked="" type="checkbox"/>
			SW8081A/8082 (OC Pesticides+PCBs) ESLs w/ Florisil							1 day	9/15/2022		<input type="checkbox"/>
			SW7199 (Hexavalent chromium, Low-Level)							2 days	9/14/2022		<input type="checkbox"/>

**NOTES:** \* STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).  
 - Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.  
 - MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.  
 U\*\* = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

2209583



# CHAIN-OF-CUSTODY

PAGE 1 of 1

PROJECT NAME / FACILITY ID: ELCO / AEDS FIELD PERSON: Tom Winger

PROJECT NUMBER: 160025294-004 DATE: 9/12/2022 PROJECT MANAGER: Jason Leane

PROJECT LOCATION: Redwood City, CA LABORATORY: McLampbell

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #:

SAMPLER: <u>Tom Winger</u> SIGNATURE: <u>[Signature]</u>	YEAR	SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED										COMMENTS			
	2022								VECS (8268)	TPH-g/d/mo (805)	Chl7-we hrs (601)	oEPS + PCBs (801/802)	SWCS (8270) - low level ESLS	MOISTURE (8270) ESLS	NOA, CARG 435	TTL CR 6	Extract + head STC + TLR					
SS-TANK01-01		9/12	1100	-	S	1	U	No	X	X	X	X	X	X	X	X	X	X	X	X	X	wo summary request for: Twinger JPKane @rambull.com
SS-TANK01-02			1105						X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-TANK01-03			1110						X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-TANK01-04			1115						X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-TANK01-05			1120						X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-TANK01-06			1125						X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-TANK01-07			1130						X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-TANK01-08		9/12	1135	-	S	1	U	No	X	X	X	X	X	X	X	X	X	X	X	X	X	
<b>TOTAL</b>									X	X	X	X	X	X	X	X	X	X	X	X	X	

RELINQUISHED BY: [Signature] TIME/DATE: 9/12/2022 @ 1435

RECEIVED BY: [Signature] TIME/DATE: 9/12/22

RELINQUISHED BY: [Signature] TIME/DATE: 9/12/22 @ 1700

RECEIVED BY: [Signature] TIME/DATE: 9/12/22

RELINQUISHED BY: [Signature] TIME/DATE: 9/12/22

RECEIVED BY: [Signature] TIME/DATE: 9/12/22

TURNAROUND TIME (CIRCLE ONE): 24 HOURS - CCA/SVACS 48 HOURS - CCA/SVACS 72 HOURS - OTHER

IF SEALED, SEAL INTEGRITY: Normal

INTACT: Y N Temp: 3.2 wet

TAT updated + NOA, Moisture and Esus Added 9/13/22



PROJECT NAME / FACILITY ID: ELCO YARDS FIELD PERSON: Tom Winger  
 PROJECT NUMBER: 169025294-004 DATE: 9/12/2022 PROJECT MANAGER: Jasankane  
 PROJECT LOCATION: Redwood City, CA LABORATORY: McLaughlin

IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #: \_\_\_\_\_ WO#: \_\_\_\_\_

SAMPLER: <u>Tom Winger</u>	SIGNATURE: <u>[Signature]</u>	YEAR	SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED					COMMENTS	
										VOCs (82608)	TPH-g/d/l/w (805)	CHL7-time hrs (601)	OCPS + PCBs (8081/8082)	SURCS (8270) (low level)		Extract + Acid STC + TCLP
SS-TANK01-01		9/12	1100			S	1	U	No	X	X	X	X	X	X	wo Summary request for: Twinger
SS-TANK01-02			1105							X	X	X	X	X	X	JPKane @ramboll.com
SS-TANK01-03			1110							X	X	X	X	X	X	
SS-TANK01-04			1115							X	X	X	X	X	X	
SS-TANK01-05			1120							X	X	X	X	X	X	
SS-TANK01-06			1125							X	X	X	X	X	X	
SS-TANK01-07			1130							X	X	X	X	X	X	
SS-TANK01-08		9/12	1135			S	1	U	No	X	X	X	X	X	X	
<b>TOTAL</b>										X	X	X	X	X	X	

RELINQUISHED BY: <u>[Signature]</u>	TIME/DATE: <u>9/12/2022 1435</u>	RECEIVED BY: <u>[Signature]</u>	TIME/DATE: <u>9/12/22 1435</u>	TURNAROUND TIME (CIRCLE ONE)	72 HOURS	IF SEALED, SEAL INTEGRITY
RELINQUISHED BY: <u>[Signature]</u>	TIME/DATE: <u>9/12/22 1700</u>	(COMPANY): <u>RAMBOLL</u>	TIME/DATE: <u>9/12/22 1700</u>	24 HOURS	5 DAYS	INTACT: Y N
RELINQUISHED BY: <u>[Signature]</u>	TIME/DATE: <u>9/12/22 1700</u>	(COMPANY): <u>[Signature]</u>	TIME/DATE: <u>9/12/22 1700</u>	48 HOURS	NORMAL	INTACT: Y N
RELINQUISHED BY: <u>[Signature]</u>	TIME/DATE: <u>9/12/22 1700</u>	(COMPANY): <u>[Signature]</u>	TIME/DATE: <u>9/12/22 1700</u>			



## Sample Receipt Checklist

Client Name: Ramboll  
 Project: 1690025294-004; Elco Yards  
 WorkOrder No: 2209583 Matrix: Soil  
 Carrier: Benjamin Yslas (MAI Courier)

Date and Time Received: 9/12/2022 17:00  
 Date Logged: 9/12/2022  
 Received by: Lilly Ortiz  
 Logged by: Lilly Ortiz

### Chain of Custody (COC) Information

Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample IDs noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Date and Time of collection noted by Client on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sampler's name noted on COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
COC agrees with Quote?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

### Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper containers/bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

### Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
Samples Received on Ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

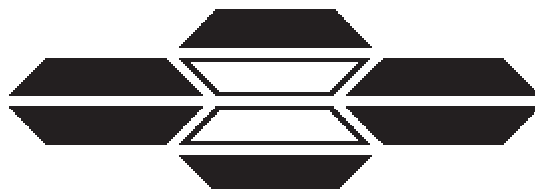
(Ice Type: WET ICE )

Sample/Temp Blank temperature	Temp: 3.2°C		NA <input type="checkbox"/>
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Sample labels checked for correct preservation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

### UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Free Chlorine tested and acceptable upon receipt (<0.1mg/L [not applicable to 200.7])?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Comments:



**ASBESTOS TEM LABORATORIES, INC.**

**CARB Method 435  
Polarized Light Microscopy  
Analytical Report**

**Laboratory Job # 299-01020**

3431 Ettie St.  
Oakland, CA 94608  
(510) 704-8930  
FAX (510) 704-8429

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ASBESTOS TEM LABORATORIES, INC

CA ELAP  
Lab No. 1866



NVLAP Lab Code: 101891-0  
Oakland, CA

Sep/15/2022

Lilly Ortiz  
McC Campbell Analytical  
1534 Willow Pass Road  
Pittsburg, CA 94565

RE: LABORATORY JOB # 299-01020  
Polarized light microscopy analytical results for 8 bulk sample(s).  
Job Site: 2209583  
Job No.: Elco Yards

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with the California Air Resources Board (ARB) Method 435 for the determination of asbestos in serpentine aggregate samples.

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Sample preparation follows a standard CARB 435 prep method. The entire sample is dried at 135-150 C and then crushed to ~3/8" gravel size using a Bico Chipmunk crusher. If the submitted sample is >1 pint, the sample was split using a 1/2" riffle splitter following ASTM Method C-702-98 to obtain a 1 pint aliquot. The entire 1 pint aliquot, or entire original sample, is then pulverized in a Bico Braun disc pulverizer calibrated to produce a nominal 200 mesh final product. If necessary, additional homogenization steps are undertaken using a 3/8" riffle splitter. Small aliquots are collected from throughout the pulverized material to create three separate microscope slide mounts containing the appropriate refractive index oil. The prepared slides are placed under a polarizing light microscope where standard mineralogical techniques are used to analyze the various materials present, including asbestos. If asbestos is identified and of less than 10% concentration by visual area estimate then an additional five sample mounts are prepared. Quantification of asbestos concentration is obtained using the standard CAL ARB Method 435 point count protocol. For samples observed to contain visible asbestos of less than 10% concentration, a point counting technique is used with 50 points counted on each of eight sample mounts for a total of 400 points. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

While the CARB 435 method has much to commend it, there are a number of situations where it fails to provide sufficient accuracy to make a definitive determination of the presence/absence of asbestos and/or an accurate count of the asbestos concentration present in a given sample. These problems include, but are not limited to, 1) statistical uncertainty with samples containing <1% asbestos when too few particles are counted, 2) definitive identification and discrimination between various fibrous amphibole minerals such as tremolite/actinolite/hornblende and the "Libby amphiboles" such as tremolite/winchite/richterite/arfvedsonite, and C) small asbestiform fibers which are near or below the resolution limit of the PLM microscope such as those found in various California coast range serpentine bodies. In these cases, further analysis by transmission electron microscopy is recommended to obtain a more accurate result.

Sincerely Yours,

Lab Manager  
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, without the approval of the laboratory. ---

3431 Ettie St. • Oakland, CA 94608 • PH. (510) 704-8930 • FAX (510) 704-8429

With Branch Offices Located At: 1350 FREEPORT BLVD. UNIT 104, SPARKS, NV 89431

# POLARIZED LIGHT MICROSCOPY CARB 435 ANALYTICAL REPORT

Contact: Lilly Ortiz	Samples Submitted: 8	Report No. <b>380524</b>
Address: McCampbell Analytical 1534 Willow Pass Road Pittsburg, CA 94565	Samples Analyzed: 8	Date Submitted: Sep-14-22
	Job Site / No. Elco Yards 2209583	Date Reported: Sep-15-22

SAMPLE ID	ASBESTOS		LOCATION / DESCRIPTION
	POINTS COUNTED	% TYPE	
SS-TANK-01-01	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-001	0 - Total Points		
SS-TANK-01-02	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-002	0 - Total Points		
SS-TANK-01-03	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-003	0 - Total Points		
SS-TANK-01-04	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-004	0 - Total Points		
SS-TANK-01-05	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-005	0 - Total Points		
SS-TANK-01-06	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-006	0 - Total Points		
SS-TANK-01-07	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-007	0 - Total Points		
SS-TANK-01-08	<b>&lt;0.25% No Asbestos Detected</b>		Exception #1 - No asbestos in 10 FOV on 3 slides
Lab ID # 299-01020-008	0 - Total Points		
Lab ID #	- Total Points		
Lab ID #	- Total Points		

QC Reviewer Jo Ann Huerto

Analyst Etienne Fang

McCampbell Analytical, Inc.

1534 Willow Pass Rd  
Pittsburg, CA 94565-1701  
Phone: (925) 252-9262  
Fax: (925) 252-9269



# SUB CHAIN-OF-CUSTODY RECORD

WorkOrder: 2209583

ClientCode: ENVE EDF: NO

EQuls

# RUSH

Subcontractor:

Asbestos TEM Laboratories  
3431 Etlie Street

QC Level: LEVEL 2

Project Name: Elco Yards

*1 X DAY TAT*

Oakland, CA 94608

Project Number: 2209583

TEL: (510) 704-8930 FAX: (510) 704-8429

MAI Lab ID	ClientSampleID	Source Name	PS Code	Matrix	Collection Date	TAT	Requested Tests (see Legend below)							
							1	2	3	4	5	6		
2209583-001A	SS-TANK01-01			Soil	9/12/2022 11:00	STD	1							
2209583-002A	SS-TANK01-02			Soil	9/12/2022 11:05	STD	1							
2209583-003A	SS-TANK01-03			Soil	9/12/2022 11:10	STD	1							
2209583-004A	SS-TANK01-04			Soil	9/12/2022 11:15	STD	1							
2209583-005A	SS-TANK01-05			Soil	9/12/2022 11:20	STD	1							
2209583-006A	SS-TANK01-06			Soil	9/12/2022 11:25	STD	1							
2209583-007A	SS-TANK01-07			Soil	9/12/2022 11:30	STD	1							
2209583-008A	SS-TANK01-08			Soil	9/12/2022 11:35	STD	1							

Test Legend:

1 Asbestos, 435 CARB 400 TEM

2 3  
5 6

Comments: **PLEASE USE 'CLIENT ID' AS THE SAMPLE ID AND EMAIL ASAP!**

**PLEASE REPORT BY THURSDAY 9/15/22.**

*WRT*  
9/14/22 1:00 PM

Please email results to Lilly Ortiz at [subdata@mccampbell.com](mailto:subdata@mccampbell.com) upon completion.

Relinquished by: *Maura To* Date/Time: 9/14/22

Received by:

Received by:

Date/Time