



Ox Mountain Landfill 12310 San Mateo Road, Half Moon Bay, CA 94019  
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**TV Tracking # 991 (Semi-Annual)**

1.  RECEIVED IN  
ENFORCEMENT: **04/30/2024**

April 30, 2024

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 AAAA 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, 2023, through March 31, 2024, 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 AAAA, 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.

Kathryn Tekulve  
Responsible Official

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

Ox Mountain Landfill

Facility Number A2266

October 1, 2023, through March 31, 2024

APRIL 30, 2024

## 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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## REPORT CERTIFICATION

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



4/30/2024

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Nat Israel  
Compliance Specialist

Date



4/30/2024

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Kendra Kent  
Senior Compliance Specialist

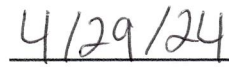
Date

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.*

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

  
\_\_\_\_\_  
Date

Kathryn Tekulve  
Name of Responsible Official

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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, 2023, through March 31, 2024. 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, 2023, through March 31, 2024. 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 no instances of a shutdowns greater than one-hour in duration during the reporting period. There were 4.88 hours of GCCS downtime for the reporting period of October 1, 2023, through March 31, 2024, the total downtime for 2023, as of December 31, 2023, was 25.47 hours, out of an allowable 240 hours. The total downtime for 2024, as of March 31, 2024, is 1.37 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 17 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 115 wellfield SSM events that occurred during the reporting period Including one leachate collection riser startup pursuant to BAAQMD Regulation 8-34-117. 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 no 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 208 A-7 Flare Startup, Shutdown, and Malfunction (SSM) events and there were 40 A-9 Flare SSM events for the reporting period. The Ameresco Landfill Gas to Energy (LFGTE) Facility reported 254 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, 2023, through March 31, 2024.

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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 12, 2023;
- November 30, 2023;
- December 22, 2023;
- January 16, 2024;
- February 27, 2024;
- March 14, 2024.

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. Per BAAQMD guidance, BFIC re-submitted the LTCO renewal application to the BAAQMD and USEPA on January 16, 2024. This submittal was done in accordance with BAAQMD Rule 8-34-404, which states that approved LTCO wells needed to be renewed every three years. The approved LTCO wells will expire on May 17, 2024.

## 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 2023 and First Quarter 2024 Instantaneous and Integrated Surface Emission Monitoring (SEM) events were completed. The results for the Fourth Quarter 2023 and First Quarter 2024 SEM events are described below.

- The Fourth Quarter 2023 SEM event was completed on December 11, 2023. Initial monitoring events on October 16, 23, 24, 26, 27, 30, and 31, 2023, November 1, 2, 3, 8, 9, 10, 13, 15, 21, 22, 27, and 28, 2023, and December 11, 2023, indicated two instantaneous grid locations and nine cover penetration locations exceeded the NSPS (Grids) and LMR (Grids and Penetrations) instantaneous level of 500 ppmv. One exceedance of the LMR integrated threshold limit of 25 ppmv as measured as methane above background was 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 completed on November 1, 13, and 22, 2023, indicated that the cover penetration, instantaneous, and integrated exceedance locations had returned to compliance. The one-month re-monitoring event on November 13 and 28, 2023, and December 11, 2023, indicated there were zero (0) locations with remaining instantaneous exceedances.
- The First Quarter 2024 SEM event was completed on April 9, 2024. Initial monitoring events completed on January 26, 27, and 30, 2024, February 12, 13, 24, and 28, 2024, and March 8, 16, 17, 18, and 21, 2024, indicated five instantaneous grid locations and six cover penetration locations exceeded the NSPS (Grids) and LMR (Grids and Penetrations) instantaneous level of 500 ppmv. One exceedance of the LMR integrated threshold limit of 25 ppmv as measured as methane above background was 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 completed on February 28, 2024, and March 18, 2024, indicated that the cover penetration, instantaneous, and integrated exceedance locations had returned to compliance. The one-month re-monitoring event on April 9, 2024, indicated there were zero (0) locations with remaining instantaneous and integrated exceedances.

Refer to the Fourth Quarter 2023 SEM and First Quarter 2024 SEM Reports located in Appendix H, for detailed results.

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

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 2023 – October 11, 2023
- First Quarter 2024 – February 1, 2024, and March 12, 2024.

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 2023 and First Quarter 2024 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)**

The amount of waste accepted during the reporting period of October 1, 2023, through March 31, 2024, was approximately 252,888.2 tons. The current Waste-In-Place (WIP) as of March 31, 2024, is approximately 28,682,453 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)**

Ox Mountain did not accept any non-degradable materials such as fire debris between October 1, 2023, through March 31, 2024.

## **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))**

Wellhead monitoring was performed on a monthly basis pursuant to the regulations listed above. The well readings for October 1, 2023, through March 31, 2024, 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 2, 3, 5, 6, 9, 10, 11, 12, 13, 17, 18, 19, 20, 21, and 25, 2023;
- November 3, 6, 7, 11, 13, 14, 15, 16, 17, 20, 21, 22, 27, 28, and 29, 2023;
- December 1, 4, 5, 6, 7, 8, 11, 13, 14, 15, 18, 19, 20, 21, and 26, 2023;
- January 2, 3, 4, 5, 8, 9, 10, 12, 16, 17, 18, 19, 22, 23, 24, 25, 29, and 30, 2024;
- February 1, 2, 5, 6, 7, 8, 9, 10, 14, 15, 19, 20, 21, 22, 23, 26, and 27, 2024;
- March 4, 5, 6, 7, 8, 11, 12, 13, 15, 17, 18, 19, 20, 25, 26, 27, and 28, 2024;

### **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 30 wells with 52 instances of readings exceeding 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, 2023, through March 31, 2024, there were five pressure exceedances and one temperature exceedance readings.

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.

#### **2.11.2.4 HOV Request USEPA Re-Submittal**

On December 14, 2022, Tetra Tech submitted a temperature HOV Request to the BAAQMD on behalf of BFIC for six vertical extraction wells to operate at 145°F. The request also included the raising the temperature HOV wells above to 145°F from 140°F. Approval has not been received from the BAAQMD as of the date on this report. Tetra Tech followed up with the BAAQMD on January 3, 2024, and requested an update on the status of the application. The BAAQMD responded on January 4, 2024, and stated that issues relating to staffing and litigation were causing the delay in application processing. The BAAQMD recommended submitting the application package to USEPA Region 9 for approval. Tetra Tech provided the updated HOV application for re-submittal to the USEPA to BFIC for review on January 15, 2024. Tetra Tech submitted the application to the USEPA Region 9 on February 27, 2024.

## **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, 2023, through March 31, 2024. 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 115 wellfield SSM events that occurred during the reporting period including one leachate collection riser startup pursuant to BAAQMD Regulation 8-34-117. 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 September 30, 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 78 new vertical wells, installation of up to 3 new horizontal collectors, the decommissioning of up to 114 vertical wells, and the decommissioning of up to 12 horizontal collectors.

On August 7, 2023, a change of permit conditions application was submitted to the BAAQMD requesting to increase the number of wellfield actions at Ox Mountain. The application requested the well actions remaining in the permit application number (A/N) 30889 be closed and the allowable well counts be reset to the original

allowances while increasing the installations for horizontal collectors to 40 versus the 20 actions originally permitted. Approval has not been received from the BAAQMD as of the date of this report.

As of March 31, 2024, Ox Mountain consists of 181 vertical wells, 15 horizontal collectors, 13 LCRS, 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, 2023, through March 31, 2024, 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 did not accept any VOC soils over the limit of 50 ppmv during the reporting period.

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

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

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 13, 2023. A copy is included in Appendix O of this SAR.

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

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 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 2023 Source Tests were performed on July 21, 2023, and July 20, 2023, respectively. The LFG characterization results were submitted within the Source Test Report submitted to the BAAQMD on September 1, 2023. The results are included in Appendix N of this SAR.

## **2.26 REPORTABLE EVENTS DURING THE REPORTING PERIOD**

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There were no reportable events that occurred at Ox Mountain during this reporting period.



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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 2023 Source Tests were performed on July 21, 2023, and July 20, 2023, respectively. The LFG characterization results were submitted within the Source Test Report submitted to the BAAQMD on September 1, 2023. 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, 2023, through March 31, 2024. The following information is included as required:

- During the reporting period, there were 208 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, 40 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, 115 SSM events occurred in the wellfield. Details are included in Appendix C, Well SSM Log.
- There were 363 events in total. In all 363 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)).

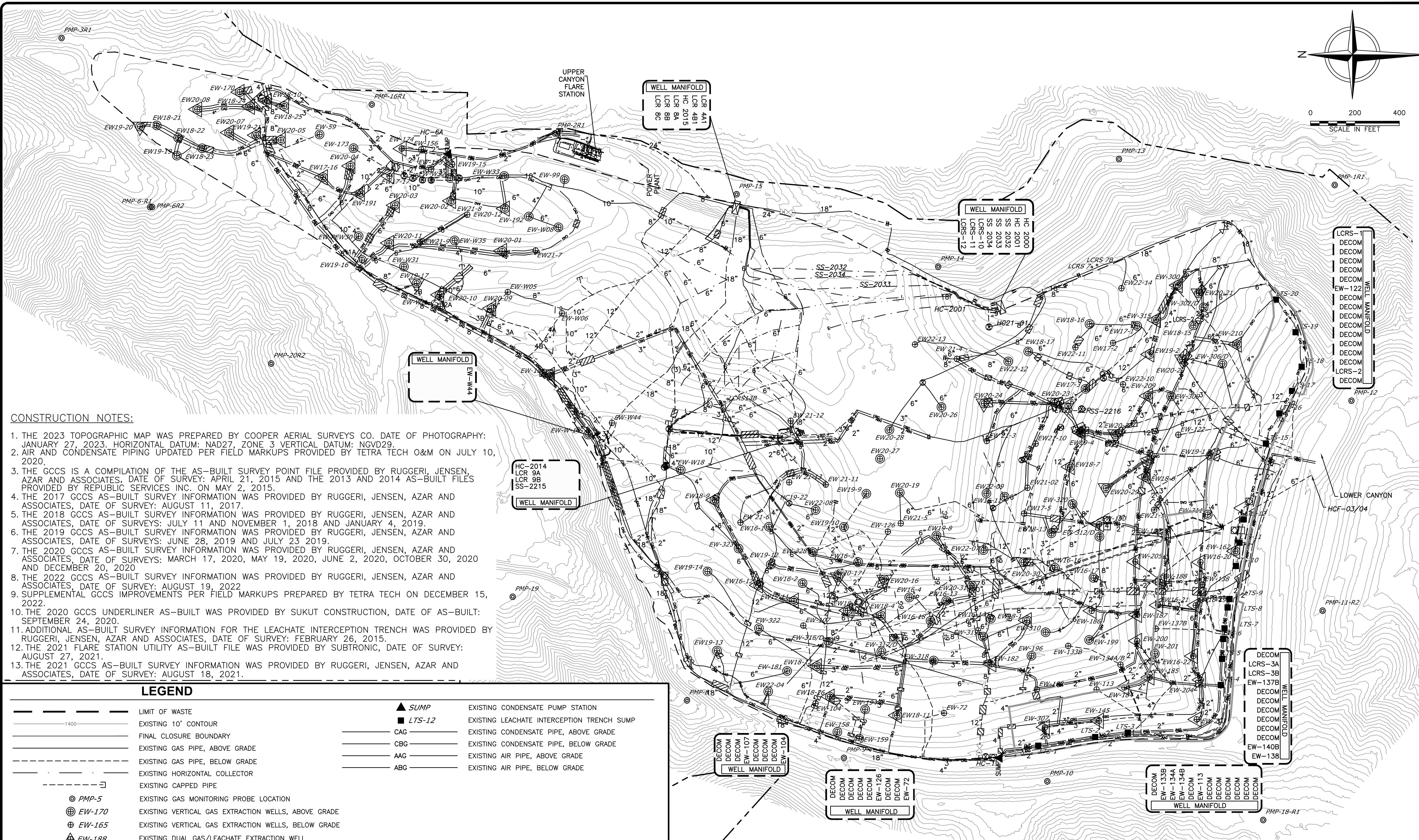
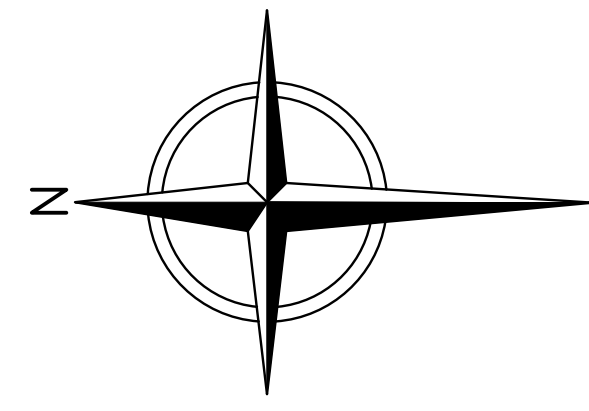
## 5.0 LIMITATIONS

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.

## APPENDIX A

### SITE MAP



**CONSTRUCTION NOTES:**

1. THE 2023 TOPOGRAPHIC MAP WAS PREPARED BY COOPER AERIAL SURVEYS CO. DATE OF PHOTOGRAPHY: JANUARY 27, 2023. HORIZONTAL DATUM: NAD27, ZONE 3 VERTICAL DATUM: NGVD29.
2. AIR AND CONDENSATE PIPING UPDATED PER FIELD MARKUPS PROVIDED BY TETRA TECH O&M ON JULY 10, 2020.
3. THE GCCS 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 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 11, 2017.
5. THE 2018 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JULY 11 AND NOVEMBER 1, 2018 AND JANUARY 4, 2019.
6. THE 2019 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JUNE 28, 2019 AND JULY 23 2019.
7. THE 2020 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: MARCH 17, 2020, MAY 19, 2020, JUNE 2, 2020, OCTOBER 30, 2020 AND DECEMBER 20, 2020.
8. THE 2022 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 19, 2022.
9. SUPPLEMENTAL GCCS IMPROVEMENTS PER FIELD MARKUPS PREPARED BY TETRA TECH ON DECEMBER 15, 2022.
10. THE 2020 GCCS UNDERLINER AS-BUILT WAS PROVIDED BY SUKUT CONSTRUCTION, DATE OF AS-BUILT: SEPTEMBER 24, 2020.
11. ADDITIONAL AS-BUILT SURVEY INFORMATION FOR THE LEACHATE INTERCEPTION TRENCH WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: FEBRUARY 26, 2015.
12. THE 2021 FLARE STATION UTILITY AS-BUILT FILE WAS PROVIDED BY SUBTRONIC, DATE OF SURVEY: AUGUST 27, 2021.
13. THE 2021 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 18, 2021.

**LEGEND**

	LIMIT OF WASTE		SUMP	EXISTING CONDENSATE PUMP STATION
	EXISTING 10' CONTOUR		LTS-12	EXISTING LEACHATE INTERCEPTION TRENCH SUMP
	FINAL CLOSURE BOUNDARY		CAG	EXISTING CONDENSATE PIPE, ABOVE GRADE
	EXISTING GAS PIPE, ABOVE GRADE		CBG	EXISTING CONDENSATE PIPE, BELOW GRADE
	EXISTING GAS PIPE, BELOW GRADE		AAG	EXISTING AIR PIPE, ABOVE GRADE
	EXISTING HORIZONTAL COLLECTOR		ABG	EXISTING AIR PIPE, BELOW GRADE
	EXISTING CAPPED PIPE		PMP-5	EXISTING GAS MONITORING PROBE LOCATION
	EXISTING VERTICAL GAS EXTRACTION WELLS, ABOVE GRADE		EW-170	EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE
	EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE		EW-165	EXISTING DUAL GAS/LEACHATE EXTRACTION WELL
	EXISTING DUAL GAS/LEACHATE EXTRACTION WELL		EW-188	EXISTING DUAL CASING GAS/LEACHATE EXTRACTION WELL
	EXISTING DUAL CASING GAS/LEACHATE EXTRACTION WELL		EW-16-22	EXISTING ROAD CROSSING
	EXISTING REMOTE WELLHEAD		EW-104	EXISTING CONTROL VALVE
	EXISTING CONTROL VALVE		EW-107	EXISTING FLANGE CONNECTION
	EXISTING FLANGE CONNECTION		EW-107	EXISTING BLIND FLANGE
	EXISTING BLIND FLANGE		EW-107	EXISTING REDUCER FITTING
	EXISTING REDUCER FITTING		EW-107	

**FINAL - RECORD DRAWINGS**

REV		DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
DATE OF ISSUE		02/28/22	DRAWN BY SEY/GVP/KJA	CHECKED BY AMN	DESIGNED BY SEY	APPROVED BY PJS	

**TETRA TECH**

ALL PROFESSIONAL ENGINEERING WORK IS PERFORMED BY FULLY LICENSED PROFESSIONAL ENGINEERS UNDER THE APPROPRIATE STATE REGISTERED PROFESSIONAL ENTITY.

OX MOUNTAIN LANDFILL  
SAN MATEO COUNTY, CALIFORNIA

**2021 FLARE STATION UTILITY AS-BUILT  
AS-BUILT SITE PLAN**

SHEET NO.  
**1**

PROJECT NO.  
210032

File: X:\PROJECTS\OX MOUNTAIN\AREA DRAWINGS\2023\_GCCS AS-BUILT\DRAWINGS.dwg Layout: SHEET 1 User: GERARDO PAREDES Date: 06/05/2023 5:00pm

## **APPENDIX B**

### **BAAQMD CORRESPONDENCE**

**From:** [Lucas Griswold](#)  
**To:** [Kent, Kendra](#)  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [Israel, Nat](#); [Rawlings, Tristan](#)  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain  
**Date:** Thursday, October 12, 2023 4:28:52 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)

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Hi Kendra,

I actually do have one more request. I appreciate the list of well actions taken since the last application and the site map with the decommissioned wells. Could we also add to the map the wells that were added since the last application so that I know where the new wells were installed in relation to the decommissioned wells? Then I should be able to mark the application as complete and finalize my evaluation. Let me know if you have any questions.

Thank you,  
Lucas

---

**From:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Sent:** Thursday, October 5, 2023 12:55 PM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [Israel, Nat <Nat.Israel@tetrattech.com>](mailto:Israel, Nat <Nat.Israel@tetrattech.com>); [Rawlings, Tristan <TRISTAN.RAWLINGS@tetrattech.com>](mailto:Rawlings, Tristan <TRISTAN.RAWLINGS@tetrattech.com>)  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

**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.

Hi Lucas,

I just wanted to check to see that you received everything you need to move this permit change forward. Could you please let me know the status of this application/permit?

Thanks,  
Kendra

**Kendra Kent** | Senior Compliance Specialist  
**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
Direct +1 (520) 526-7270 | Cell +1 (520) 275-0189 | [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com)

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---

**From:** Kent, Kendra

**Sent:** Friday, September 8, 2023 1:30 PM

**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>

**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>

**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

In response to the incomplete letter received from the BAAQMD on August 22, 2023, Tetra Tech has compiled the following information to assist the BAAQMD with its evaluation of Application No. 32201 - Change of Permit Conditions at Ox Mountain Landfill.

**BAAQMD Comment #1:**

*"A list of all vertical and horizontal wells that were decommissioned since the approval of Application #30889. For each of these wells, please indicate where they were located on a site map, and whether they were replaced or decommissioned without replacement."*

**RESPONSE:** Please see the attached Ox Mountain Wellfield Actions tracker that includes a list of all vertical and horizontal wells that were decommissioned since the approval of Application #30889. The attached Ox Mountain GCCS As-Built Decommissioned Wells drawing is an updated site map that indicates the location and date of decommissioned wells at the site for the same period.

**BAAQMD Comment #2:**

*"For wells that were decommissioned without replacement, please provide the data and reasoning for decommissioning those wells."*

**RESPONSE:** The attached Ox Mountain Wellfield Data for Decommissioned Wells provides wellfield data since the approval of Application #30889 for wells that were decommissioned without replacement. Column D of the attached Ox Mountain Wellfield Actions tracker indicates the reasoning for decommissioning the wells.

**BAAQMD Comment #3:**

*"For the wells that are scheduled to be abandoned on Drawing 3 of the submitted documents, will those wells be replaced? If not, then please provide the justification for abandoning those wells."*

**RESPONSE:** The wells OXEW1918, OXEW2006, and OXMEW303 that were scheduled to be abandoned in Drawing 3 of the submitted application documents were decommissioned on August 17, 2023. This information and reasoning for decommissioning the wells are included in the attached Ox Mountain Wellfield Actions tracker. The location of these wells is shown in the Ox Mountain GCCS As-Built Decommissioned Wells drawing and wellfield data for the wells can be found in the attached Ox Mountain Wellfield Data for Decommissioned Wells.



Please let us know if you have any further questions or concerns regarding this application.

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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---

**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Tuesday, August 22, 2023 9:31 AM  
**To:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com)  
**Subject:** BAAQMD Application 32201 for Change of Conditions at Ox Mountain

You don't often get email from [lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov). [Learn why this is important](#)

Hi Kendra,

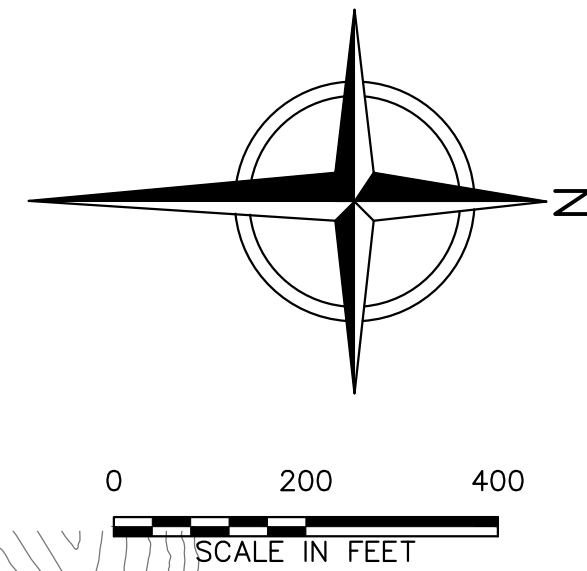
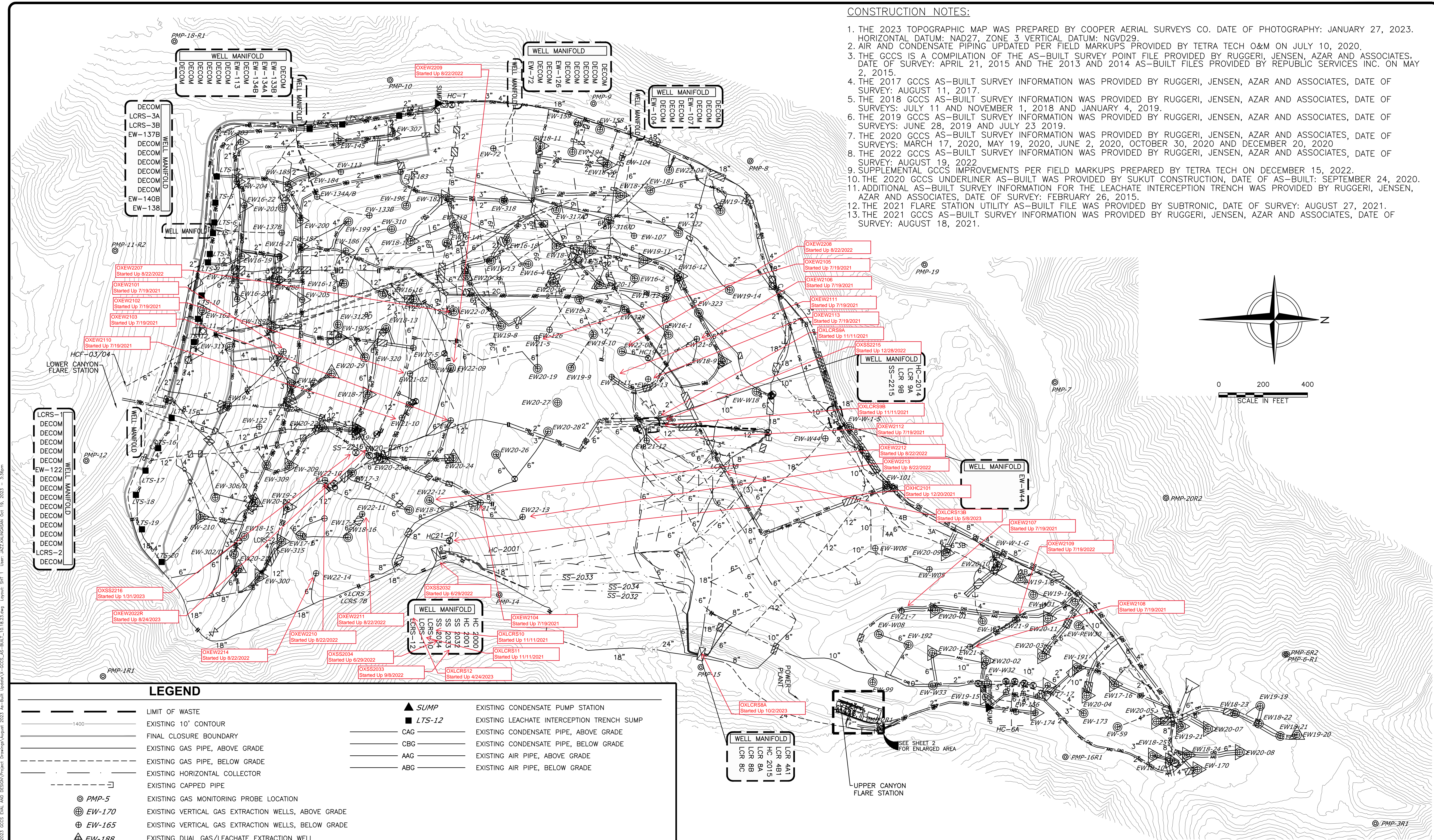
I have been assigned as the engineer to review your application to change the permit conditions at Ox Mountain. I have gone over your initial application materials and am hoping for some additional information. Please find attached an incomplete letter that describes what additional information I will need to evaluate your application. I have also attached the current invoice for this application, which must be also be paid before I complete my evaluation. Please let me know if you have any questions.

Thanks,  
Lucas

Lucas Griswold  
**BAAQMD**  
Air Quality Engineer  
375 Beale Street, Suite 600  
San Francisco, CA 94105  
(415) 749-8605

CONSTRUCTION NOTES:

1. THE 2023 TOPOGRAPHIC MAP WAS PREPARED BY COOPER AERIAL SURVEYS CO. DATE OF PHOTOGRAPHY: JANUARY 27, 2023. HORIZONTAL DATUM: NAD27, ZONE 3 VERTICAL DATUM: NGVD29.
2. AIR AND CONDENSATE PIPING UPDATED PER FIELD MARKUPS PROVIDED BY TETRA TECH O&M ON JULY 10, 2020.
3. THE GCCS 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 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 11, 2017.
5. THE 2018 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JULY 11 AND NOVEMBER 1, 2018 AND JANUARY 4, 2019.
6. THE 2019 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JUNE 28, 2019 AND JULY 23 2019.
7. THE 2020 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: MARCH 17, 2020, MAY 19, 2020, JUNE 2, 2020, OCTOBER 30, 2020 AND DECEMBER 20, 2020.
8. THE 2022 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 19, 2022.
9. SUPPLEMENTAL GCCS IMPROVEMENTS PER FIELD MARKUPS PREPARED BY TETRA TECH ON DECEMBER 15, 2022.
10. THE 2020 GCCS UNDERLINER AS-BUILT WAS PROVIDED BY SUKUT CONSTRUCTION, DATE OF AS-BUILT: SEPTEMBER 24, 2020.
11. ADDITIONAL AS-BUILT SURVEY INFORMATION FOR THE LEACHATE INTERCEPTION TRENCH WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: FEBRUARY 26, 2015.
12. THE 2021 FLARE STATION UTILITY AS-BUILT FILE WAS PROVIDED BY SUBTRONIC, DATE OF SURVEY: AUGUST 27, 2021.
13. THE 2021 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 18, 2021.



LEGEND

	LIMIT OF WASTE		SUMP	EXISTING CONDENSATE PUMP STATION
	EXISTING 10' CONTOUR		LTS-12	EXISTING LEACHATE INTERCEPTION TRENCH SUMP
	FINAL CLOSURE BOUNDARY		CAG	EXISTING CONDENSATE PIPE, ABOVE GRADE
	EXISTING GAS PIPE, ABOVE GRADE		CBG	EXISTING CONDENSATE PIPE, BELOW GRADE
	EXISTING GAS PIPE, BELOW GRADE		AAG	EXISTING AIR PIPE, ABOVE GRADE
	EXISTING HORIZONTAL COLLECTOR		ABG	EXISTING AIR PIPE, BELOW GRADE
	EXISTING CAPPED PIPE		PMP-5	EXISTING GAS MONITORING PROBE LOCATION
	EXISTING REMOTE WELLHEAD		EW-170	EXISTING VERTICAL GAS EXTRACTION WELLS, ABOVE GRADE
	EXISTING CONTROL VALVE		EW-165	EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE
	EXISTING FLANGE CONNECTION		EW-188	EXISTING DUAL GAS/LEACHATE EXTRACTION WELL
	EXISTING BLIND FLANGE		EW16-22	EXISTING DUAL CASING GAS/LEACHATE EXTRACTION WELL
	EXISTING REDUCER FITTING			EXISTING ROAD CROSSING

FINAL - RECORD DRAWINGS

		<b>TETRA TECH</b>	
OX MOUNTAIN LANDFILL SAN MATEO COUNTY, CALIFORNIA		2021 FLARE STATION UTILITY AS-BUILT AS-BUILT SITE PLAN	
REV    DATE    DESCRIPTION    DWN BY    DES BY    CHK BY    APP BY		DATE OF ISSUE    DRAWN BY    SEY/GVP/KJA    CHECKED BY    AMN    APPROVED BY    PJS	
02/28/22		DESIGNED BY    SEY	

SHEET NO.  
**1**

PROJECT NO.  
210032

File: X:\PROJECTS\OX MOUNTAIN\210032 - 2021 GCCS AS-BUILT - 2021 AS-BUILT - 10.18.23.dwg    User: JAZZ.KALINOSIAN    Oct 19, 2023, 3:36pm  
 The X:\PROJECTS\OX MOUNTAIN\210032 - 2021 GCCS AS-BUILT - 2021 AS-BUILT - 10.18.23.dwg    User: JAZZ.KALINOSIAN    Oct 19, 2023, 3:36pm

October 23, 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) for additional work related to the Phase XXIII overliner construction and gas collection and control system (GCCS) improvement activities that are being done 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 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 is currently finalizing the construction and installation of the overliner section on the northwestern slope of the landfill in the area shown on the attached figure. Once the overliner installation is complete, operations will be installing the final 8-inch pipe along the eastern edge of Phase XXIII. The two horizontal collectors previously installed will be connected to the GCCS and brought online once waste is placed in the overliner area. The wells will be assigned ID at that time. 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.

Mr. Raymond Salalila  
October 23, 2023

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 installing the piping will mobilize to the site and begin work on or around October 30, 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 December 22, 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  
Romelle Guittap, BAAQMD

**BAAQMD RULE 8-34-118 CONSTRUCTION PLAN**  
**OX MOUNTAIN SANITARY LANDFILL**  
**OCTOBER 30, 2023, THROUGH DECEMBER 22, 2023**

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## **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 finalizing the installation of a section of overliner on the northwestern slope of the landfill by installing an 8-inch pipe along the eastern edge of Phase XXII. The two horizontal collectors previously installed will be connected to the GCCS and will be brought online once waste is placed in the overliner area. The wells will be assigned an ID at that time. No other adjustments to the GCCS are anticipated. Any installation or adjustment 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 outlined area in green 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. Work will be limited to minimal earth moving operations and GCCS work. Isolation valves installed within the existing GCCS piping network will be used to minimize the number of existing LFG extraction wells offline during excavation. 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 wellfield startup, shutdown, and malfunction (SSM) events pursuant to 8-34-501.

### **Section 118.1.5: Reasons for Actions**

The proposed construction work is intended to finalize the installation of an overliner to expand filling operations for Phase XXIII of Ox Mountain's fill plan. This will allow for additional waste acceptance in accordance with the site's current fill plans and 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 October 30, 2023, and is scheduled to conclude by December 22, 2023. The schedule 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**

<b>Task</b>	<b>Project Week and Duration<sup>1</sup></b>
Mobilize crew, equipment, and materials to site	October 30, 2023, through October 31, 2023
Finalize Installation of Overliner	October 31, 2023, through November 13, 2023
Connection of GCCS components	November 13, 2023, through December 20, 2023
Clean-up and demobilize crew and materials	December 20, 2023, through December 22, 2023

<sup>1</sup>Note: Dates of project tasks overlap as some tasks are completed in tandem with others.

### **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. Operations will include excavating for final installation of the overliner and related GCCS piping. 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.

Currently, no additional excavation is planned for this construction. However, if additional excavation is needed, the excavation will be done to minimize air quality impacts. 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;
- Excavation and filling of surface areas to complete the overliner installation.

Should excavation and drilling through waste and soil cover occur, 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 a well during any 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, no new wells are anticipated to be started during this construction event. The two horizontal collectors previously installed will be connected to the GCCS and will be started up once waste is placed in the overliner area. The wells will be assigned ID at that time. 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**

During this portion of the construction event, wells currently installed in the area may be further assessed for additional remoting, booting, or decommissioning as needed to promote effective collection of LFG in the area under the liner.

### **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.

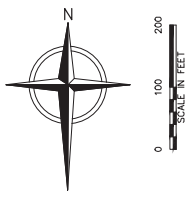
Any offline times for wells and collectors will be recorded, pursuant to requirements in 8-34-117 and 8-34-501. A Wellfield Notification Letter will be provided to the BAAQMD within three days following a decommissioning of any wells, pursuant to Title V Permit Condition 10164 Part 17(iv) and COPC A/N 27710. Any major changes to the wells listed below will be provided to the BAAQMD in an addendum to this submittal.

Attachment: Ox Mountain 2023 Phase XXIII GCCS Overliner Design Map



**ATTACHMENT**

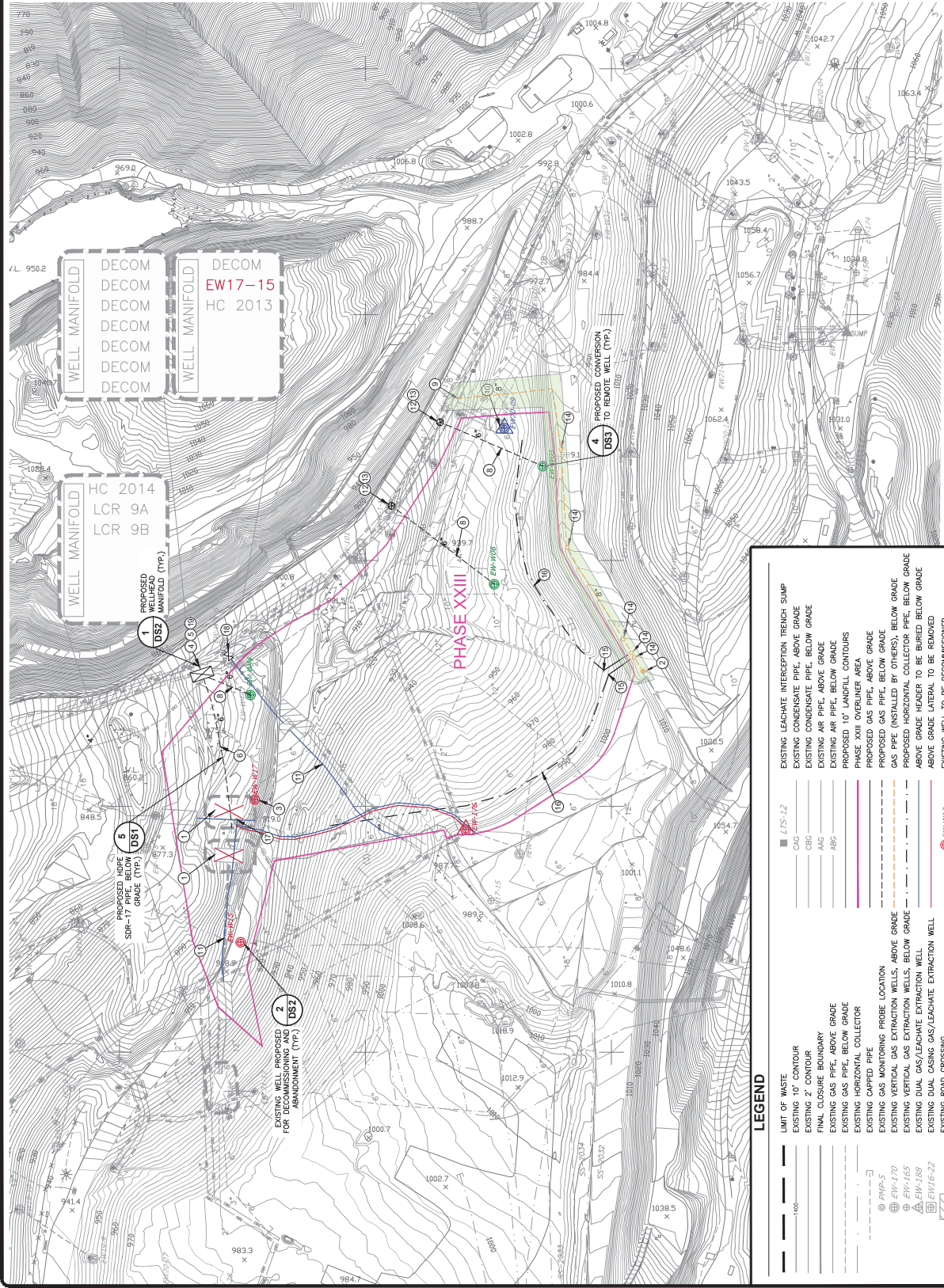
**OX MOUNTAIN 2023 PHASE XXIII GCCS OVERLINER DESIGN MAP**



- ### TIE-IN SCHEDULE AND CONSTRUCTION NOTES
- 1 CONNECTION TO THE EXISTING 18" HEADER VIA PVC SCH 80 SLIP CAP OR PVC SCH 80 BLIND FLANGE AND HOPE SDR-11 FLANGE ASSEMBLY PER DETAIL
  - 2 ABANDON EXISTING WELL AND LATERAL BELOW GRADE AND SALVAGE WELLHEAD PER DETAIL
  - 3 INSTALL HC 2013 AND DN 4M4 REMOTE WELL HEADS
  - 4 EXTEND 8" SDR-17 HOPE LATERAL PIPE BELOW GRADE FOR HC 2013
  - 5 PROPOSED BLIND FLANGE PER DETAIL
  - 6 INSTALL 8" SDR-17 HOPE LATERAL BELOW GRADE
  - 7 TIE-IN TO EXISTING 8" BELOW GRADE HEADER VIA 8" SDR-11 HOPE 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 HOPE TEE-PROTECT IN PLACE
  - 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" HOPE SDR-11 HORIZONTAL COLLECTOR
  - 14 CONNECT EXISTING LATERAL FOR HC 2013 TO PROPOSED MANUAL ISOLATION VALVE
  - 15 TIE-IN TO EXISTING 8" BELOW GRADE HEADER VIA 8" SDR-11 HOPE TEE

ABOVE GRADE WELLS PROPOSED FOR  
 EW-W211 EW-W125 EW-W115

WELLS PROPOSED TO BE REMOVED  
 EW-W45 EW-W46 EW-W44



**PRELIMINARY - NOT FOR CONSTRUCTION**

OY MOUNTAIN LANDFILL  
 SAN MATEO COUNTY, CALIFORNIA  
 2023 PHASE XXIII GGCS OVERLINER DESIGN  
 GGCS CONSTRUCTION SITE PLAN - OVERLINER



REV.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY

DATE OF ISSUE: 2/2/23

### LEGEND

**LIMIT OF WASTE**  
 - 1400 -  
 - 1600 -  
 - 1800 -  
 - 2000 -  
 - 2200 -

**EXISTING 10' CONTOUR**  
 ---

**EXISTING 2' CONTOUR**  
 ---

**FINAL CLOSURE BOUNDARY**  
 ---

**EXISTING GAS PIPE, ABOVE GRADE**  
 ---

**EXISTING GAS 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 ROAD CROSSING**  
 ---

**EXISTING REMOTE WELLHEAD**  
 ---

**EXISTING CONTROL VALVE**  
 ---

**EXISTING FLANGE CONNECTION**  
 ---

**EXISTING BLIND FLANGE**  
 ---

**EXISTING REDUCER FITTING**  
 ---

**EXISTING CONDENSATE PUMP STATION**  
 ---

**EXISTING LEACHATE INTERSECTION TRENCH SUMP**  
 ---

**EXISTING CONDENSATE PIPE, ABOVE GRADE**  
 ---

**EXISTING CONDENSATE PIPE, BELOW GRADE**  
 ---

**EXISTING AIR PIPE, ABOVE GRADE**  
 ---

**EXISTING AIR PIPE, BELOW GRADE**  
 ---

**PROPOSED 10' LANDFILL CONTOURS**  
 ---

**PHASE XXIII OVERLINER AREA**  
 ---

**PROPOSED GAS PIPE, ABOVE GRADE**  
 ---

**PROPOSED GAS PIPE, BELOW GRADE**  
 ---

**GAS PIPE (INSTALLED BY OTHERS), BELOW GRADE**  
 ---

**PROPOSED HORIZONTAL COLLECTOR PIPE, BELOW GRADE**  
 ---

**ABOVE GRADE HEADER TO BE BURIED BELOW GRADE**  
 ---

**EXISTING WELL TO BE DECOMMISSIONED**  
 ---

**EXISTING WELL TO BE PROTECTED IN PLACE**  
 ---

**EXISTING WELL TO BE REMOVED**  
 ---

**PROPOSED BLIND FLANGE (INSTALLED BY OTHERS)**  
 ---

**PROPOSED REMOTE WELLHEAD**  
 ---

**PROPOSED STUB UP (INSTALLED BY OTHERS)**  
 ---

SHEET NO. 4  
 PROJECT NO. 23002



Browning-Ferris Industries of California, Inc. - Ox Mountain Landfill  
12310 San Mateo Road, Half Moon Bay, CA 94019  
P: 650.726.1819 republicservices.com

October 13, 2023

Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Responsible Official Designation and Petition for Approval  
Bay Area Air Quality Management District Regulation 2-6-223.1  
Browning-Ferris Industries of California, Inc.  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

To Whom it May Concern,

I, Kathryn Tekulve, as the Ox Mountain Landfill (Ox Mountain) Business Unit (BU) General Manager, hereby designate myself as the "duly authorized representative" in charge of the overall operation of Ox Mountain pursuant to Bay Area Air Quality Management District (BAAQMD) Regulation 2, Rule 6: Major Facility Review, Section 223.1. BAAQMD Regulation 2-6-223.1 States:

*"223.1 Corporation: The responsible official shall be a president, secretary, treasurer, or vice president in charge of a principal business function or shall otherwise be a duly authorized representative if:*

*1.1 the representative is responsible for the overall operation of the facility, and*

*1.2 either the duly authorized representative is responsible for the operation of facilities that employ more than 250 persons or that have gross annual sales or expenditures exceeding \$25 million in 1980 dollars or the APCO has approved a petition from the original responsible official to allow the duly authorized representative to be the responsible official."*

As the "duly authorized representative," I am the "Responsible Official" for Ox Mountain Major Facility Review purposes per BAAQMD Regulation 2-6-223.1. I also request that the Air Pollution Control Officer (APCO) approve this petition pursuant to BAAQMD Regulation 2 Rule 6-223.1.2 to designate myself as the "Responsible Official" for Ox Mountain. Per BAAQMD Regulation 2 Rule 6-223, in my role as BU General Manager, I am responsible for the overall operation of the facility and am responsible for the operation of other facilities that have gross annual sales or expenditures exceeding \$25 million in 1980 dollars per BAAQMD Regulation 2-6-223.1-1.2.

October 13, 2023

Page 2

We look forward to your approval of this Petition and my designation as the "Responsible Official" for Ox Mountain. I, Kathryn Tekulve, will act in this capacity unless we receive written denial of this petition.

If you have any questions regarding this request, please do not hesitate to contact me at [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com) or at (415) 370-1255.

Sincerely,  
Browning-Ferris Industries of California, Inc.



Kathryn Tekulve  
General Manager

cc: Kelly McDonnell, BFIC  
Travis Armstrong, BFIC  
Kendra Kent, Tetra Tech





## Facility Information Update Form

### When Do I Use This Form?

Use this form to do any of the actions listed in the table below (check the actions that apply).

*Note: Whether you change business name, transfer ownership, or update facility information, the permitted equipment must continue to be operated at the same location.*

√	You can...	Important Notes
<input type="checkbox"/>	Update business name	<b>Business Name</b> is the name used to conduct business. It may be the name of an individual, partnership, company, corporation, other entity, or it may be a fictitious name as filed with the county clerk.
<input type="checkbox"/>	Update dealer's name (for gas stations only)	<b>Dealer of a gas station</b> is the individual, partnership, limited liability company, corporation, or other entity that pays the day-to-day costs of running the station. However, they may not be contractually responsible for maintaining the permit to operate.
<input type="checkbox"/>	Transfer ownership	<b>Transfer of Ownership</b> is a transfer of all permitted sources ( <b>full transfer</b> ) or just some of the permitted sources ( <b>partial transfer</b> ) at the current location to a new owner.  <b>Owner</b> is the individual, partnership, limited liability company, corporation, or other entity that owns or controls the permitted equipment and is responsible for the permit to operate. If no fictitious name is used, the owner can be the same name as the business name above.
<input checked="" type="checkbox"/>	Update facility contact information	<ul style="list-style-type: none"> <li>All correspondence from the BAAQMD (Data Update Forms, Reminder Letters, Renewal Invoices and copies of renewed Permits to Operate) will be directed to this address.</li> <li>For gas stations, the term "facility contact information" = the term "billing contact information."</li> <li>Note that original Permits to Operate will always be sent to either the facility's physical address or the alternative mailing address.</li> </ul>
<input type="checkbox"/>	Update alternative mailing address (not for gas stations)	<b>Alternative mailing address:</b> <ul style="list-style-type: none"> <li>Cannot be used by gas stations</li> <li>Should only be provided if the mail can not be delivered to the site's physical address, and</li> <li>Will be used to mail renewed Permits to Operate if mail can not be received at the physical location of the facility.</li> </ul>
<input type="checkbox"/>	Close facility	<b>Closing facility</b> means you are ceasing permanently all your operations or dismantling all of your sources and are requesting cancellation of all your Permits to Operate.

### How Do I Complete This Form?

**Step 1) Provide the following information:**

Action	Required Information
Provide current District ID number for the facility (plant #, site #, or G # as it appears on the Permit to Operate or invoice) and circle the type of ID you provide.	Plant# / Site # / G# (gas stations): <u>A2266</u>
Provide current business name (as it appears on the Permit to Operate or invoice).	Current Business Name: <u>Ox Mountain Landfill</u>
Provide physical address of your facility or permitted equipment.	Street # & Name: <u>12310 San Mateo Rd.</u> City: <u>Half Moon Bay</u> State: <u>CA</u> Zip: <u>94019</u> Phone: <u>(650) 713 - 3632</u>
Provide your name, title, email address, and the date when you complete this form.	First and Last Name: <u>Kathryn Tekulve</u> Title: <u>General Manager</u> Date: <u>10/13/2023</u> Email: <u>KTekulve@publicservices.com</u>

**Step 2) Find sections below that are applicable to you and follow the instructions within these sections.**

**Step 3) Mail this form to: BAAQMD, 375 Beale St., Ste 600, San Francisco, CA 94105, ATTN: Permit Systems Section.**

### Changing Business Name

If you need to change/correct your business name as it appears on your permit, perform the action in the table below.

Action	Required Information
Provide new business name as it should appear on the Permit to Operate. (Gas Stations should include name on the sign or "brand" of the station if applicable.)	New Business Name: _____



**Updating Dealer's Name**

If you need to change/correct the dealer's name, perform the action in the table below.

Action	Required Information
If different from owner, provide the name of the new dealer at the gas station.	New Dealer's Name: _____

**Transferring Ownership**

If you need to update ownership records, follow the steps in the table below.

Step	Action	Required Information
1	Provide name of new owner (individual, company or corporation) and, if the new owner is an individual, provide his/her title.	New Owner's Name: _____ Title (if applicable): _____
2	Provide name of previous owner (individual, company or corporation) and, if the previous owner is an individual, provide his/her title.	Previous Owner's Name: _____ Title (if applicable): _____
3	Indicate whether the transfer of ownership is <i>full</i> (all the permitted sources are transferred to the new owner) or <i>partial</i> (only some permitted sources are transferred to the new owner).  If the transfer is <i>partial</i> , list all of the transferred sources and abatement devices or attach this list.  <i>Note: The BAAQMD will review your request for partial transfers and may require additional explanation.</i>	<input type="checkbox"/> Full Transfer <input type="checkbox"/> Partial Transfer Transferred Sources/Abatement Devices (for partial transfers): _____ _____ _____
4	Provide the effective date of the transfer.	Effective Transfer Date: _____

**Updating Facility Contact Information**

If you need to update the facility contact information (also known as billing contact information for gas stations), follow the steps in the table below.

Step	Action	Required Information
1	If applicable, provide name of new contact and the title of that person's position.	New Contact Name: <u>Kathryn Tekulve</u> Title (if applicable): <u>General Manager</u>
2	If applicable, provide new contact information for the plant contact.	Street # & Name: <u>1680 Edgeworth Ave</u> City: <u>Daly City</u> State: <u>CA</u> Zip: <u>94015</u> Phone: <u>(415) 370-1255</u> Email: <u>KTekulve@republicservices.com</u>

**Updating Alternative Mailing Address**

If you need to update facility mailing address (and your facility is NOT a gas station), perform the action in the table.

Action	Required Information
Provide new mailing address for your facility.	Street # & Name: _____ City: _____ State: _____ Zip: _____

**Closing Facility**

If you are closing all of your sources, follow the steps in the table below.

Step	Action	Required Information
1	Indicate whether all of your permitted sources are ceased or dismantled.	<input type="checkbox"/> All permitted sources have ceased operation only. <input type="checkbox"/> All permitted sources have been dismantled and require rebuild to operate.
2	Provide the end date of operation or date of dismantlement.	Closing 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

**FACILITY NAME:** Ox Mountain Landfill **FACILITY ID:** 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: Kathryn Tekulve, 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: Request for an update to Responsible Official from Mr. Travis Armstrong to Ms. Kathryn Tekulve in accordance with the "Responsbile Official Designation and Petition for Approval" letter submitted to the BAAQMD.	
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**

	<b>CURRENT PERMIT (permit number)</b>	<b>EXPIRATION (date)</b>
<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:

<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?     Yes     No

3. For permit modification, provide a general description of the proposed permit modification: Administrative amendment requesting a Change of Responsible Official from Mr. Travis Armstrong to Ms. Kathryn Tekulve per the "Responsible Official Designation and Petition for Approval" letter submitted to the BAAQMD.

  
 \_\_\_\_\_  
 Signature of Responsible Official  
**General Manager**  
 \_\_\_\_\_  
 Title of Responsible Official and Company Name

**Kathryn Tekulve**  
 \_\_\_\_\_  
 Print Name of Responsible Official  
 Date: 10/16/2023



## Rawlings, Tristan

---

**From:** Israel, Nat  
**Sent:** Tuesday, October 31, 2023 2:35 PM  
**To:** compliance@baaqmd.gov  
**Cc:** Romelle Guittap; Mcdonnell, Kelly; Galicia, James; KTekulve@republicservices.com; Kent, Kendra; Rawlings, Tristan  
**Subject:** Ox Mountain Landfill Semi-Annual Report for April 1, 2023 through September 30, 2023 Submittal-Email #3 of 3  
**Attachments:** Ox Mountain April 2023 through September 2023 Semi-Annual Report\_Final\_Part 3.pdf

To whom it may concern,

On behalf of Browning-Ferris Industries of California, Inc. , please find attached the Semi-Annual Report (SAR) for Ox Mountain Landfill, located in Half Moon Bay, California, for the reporting period of April 1, 2023 through September 30, 2023.

Based on prior approvals, we are submitting this report electronically. We are able to provide hardcopies, if requested.

Due to the file size, the SAR will be sent in three parts to ensure that the file is received. Could you please let me know once you have received all three emails?

If you have any questions, please let us know.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
San Jose, CA | [tetratech.com](https://www.tetratech.com)

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**From:** [Israel, Nat](#)  
**To:** [compliance@baaqmd.gov](mailto:compliance@baaqmd.gov)  
**Cc:** [Romelle Guittap](#); [Mcdonnell, Kelly](#); [Galicia, James](#); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Kent, Kendra](#); [Rawlings, Tristan](#)  
**Subject:** Ox Mountain Landfill Annual Compliance Certification for October 1, 2022 through September 30, 2023  
**Date:** Tuesday, October 31, 2023 2:33:43 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[Ox Mountain ACC October 2022 through September 2023 Final.pdf](#)

---

To whom it may concern,

On behalf of Browning-Ferris Industries of California, Inc. , please find attached the Annual Compliance Certification (ACC) for Ox Mountain Landfill, located in Half Moon Bay, California, for the reporting period of October 1, 2022 through September 30, 2023.

Based on prior approvals, we are submitting this report electronically. We are able to provide hardcopies, if requested.

If you have any questions, please let us know.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
San Jose, CA | [tetratech.com](http://tetratech.com)

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**From:** [May Leung](#)  
**To:** [McDonnell, Kelly](#)  
**Cc:** [Xuna Cai](#); [Jeff Stanley](#)  
**Subject:** RE: Title V Administrative Amendment Permit for Plant no. A2266 - App no. 692115  
**Date:** Tuesday, November 21, 2023 11:40:02 AM  
**Attachments:** [image001.jpg](#)  
[image002.jpg](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)

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**This Message Is From an External Sender**

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Hi Kelly,

Thank you for your response.

Have a nice Thanksgiving Holiday.

May--

---

**From:** McDonnell, Kelly <KMcdonnell@republicservices.com>  
**Sent:** Tuesday, November 21, 2023 11:37 AM  
**To:** May Leung <MLEung@baaqmd.gov>  
**Cc:** Xuna Cai <xcai@baaqmd.gov>; Jeff Stanley <jstanley@baaqmd.gov>  
**Subject:** RE: Title V Administrative Amendment Permit for Plant no. A2266 - App no. 692115

Hi May,

The check number associated with this payment is 20043617. Please let me know if I can assist with anything else.

Thank you,

**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)



---

**From:** May Leung <[MLEung@baaqmd.gov](mailto:MLEung@baaqmd.gov)>  
**Sent:** Tuesday, November 21, 2023 10:23 AM  
**To:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>  
**Cc:** Xuna Cai <[xcai@baaqmd.gov](mailto:xcai@baaqmd.gov)>; Jeff Stanley <[jstanley@baaqmd.gov](mailto:jstanley@baaqmd.gov)>  
**Subject:** RE: Title V Administrative Amendment Permit for Plant no. A2266 - App no. 692115

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This message came from outside your organization.

Hi Kelly,

I did contact the accounting payment section; sorry Michelle is on vacation.

Can you provide the check number associated with this payment.

Thank you,  
May--

---

**From:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>  
**Sent:** Monday, November 20, 2023 11:20 AM  
**To:** May Leung <[MLEung@baaqmd.gov](mailto:MLEung@baaqmd.gov)>  
**Cc:** Tekulve, Kathryn <[KTekulve@republicservices.com](mailto:KTekulve@republicservices.com)>; Armstrong, Travis <[TArmstrong2@republicservices.com](mailto:TArmstrong2@republicservices.com)>; Israel, Nat <[nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com)>; Xuna Cai <[xcai@baaqmd.gov](mailto:xcai@baaqmd.gov)>; Tamiko Endow <[TEndow@baaqmd.gov](mailto:TEndow@baaqmd.gov)>  
**Subject:** RE: Title V Administrative Amendment Permit for Plant no. A2266 - App no. 692115

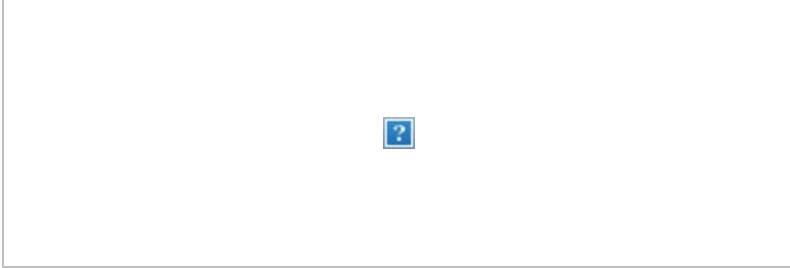
Hi May,

Our records show that the invoice was paid on October 31<sup>st</sup> so our A/P Support Specialist reached out to customer payments at BAAQMD to confirm that the payment was received. Michelle from Bay Area Air Quality payments information requested that we send an email to [customerpayments@baaqmd.gov](mailto:customerpayments@baaqmd.gov) so that the payment can be located and applied to our account. Please let me know if I can provide you with any additional information while we wait for confirmation.

Thank you,

**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)



---

**From:** May Leung <[MLEung@baaqmd.gov](mailto:MLEung@baaqmd.gov)>  
**Sent:** Thursday, November 16, 2023 12:04 PM  
**To:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>  
**Cc:** Tekulve, Kathryn <[KTekulve@republicservices.com](mailto:KTekulve@republicservices.com)>; Armstrong, Travis <[TArmstrong2@republicservices.com](mailto:TArmstrong2@republicservices.com)>; Israel, Nat <[nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com)>; Xuna Cai <[xcai@baaqmd.gov](mailto:xcai@baaqmd.gov)>; TEndow <[TEndow@baaqmd.gov](mailto:TEndow@baaqmd.gov)>  
**Subject:** RE: Title V Administrative Amendment Permit for Plant no. A2266 - App no. 692115

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Hi Kelly,

The Administrative Amendment to the Title V permit is ready, however we are waiting for your payment (the invoice no. T160538).

Please let me know so I can go forward for your final Title V permit.

Thank you,  
May--

---

**From:** May Leung  
**Sent:** Thursday, October 26, 2023 2:01 PM  
**To:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>  
**Subject:** RE: Title V Administrative Amendment Permit for Plant no. A2266 - App no. 692115

Hi Kelly,

When I receive the payment approval from permit operations. I will start the circulations and will let you know when the final permit is done.

Have a nice week.

Thank you,

May--

---

**From:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>

**Sent:** Thursday, October 26, 2023 1:52 PM

**To:** May Leung <[MLEung@baaqmd.gov](mailto:MLEung@baaqmd.gov)>; Tekulve, Kathryn <[KTekulve@republicservices.com](mailto:KTekulve@republicservices.com)>; Armstrong, Travis <[TArmstrong2@republicservices.com](mailto:TArmstrong2@republicservices.com)>; Israel, Nat <[nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com)>

**Cc:** Xuna Cai <[xcai@baaqmd.gov](mailto:xcai@baaqmd.gov)>

**Subject:** RE: Title V Administrative Amendment Permit for Plant no. A2266 - App no. 692115

Good Afternoon May,

The phone number listed below is correct.

Also, I have forwarded the payment information to the appropriate department and it should be processed shortly.

Thank you,

**Kelly McDonnell**

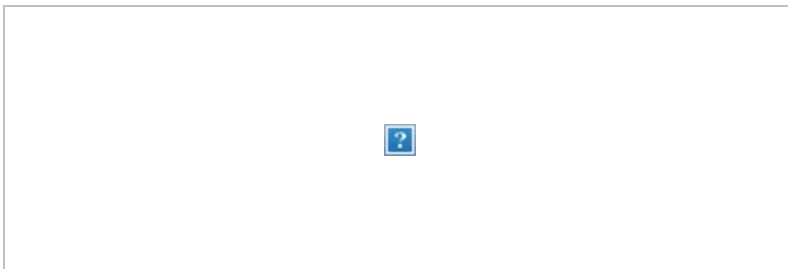
Ox Mountain Landfill

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)



---

**From:** May Leung <[MLEung@baaqmd.gov](mailto:MLEung@baaqmd.gov)>

**Sent:** Thursday, October 26, 2023 12:52 PM

**To:** Tekulve, Kathryn <[KTekulve@republicservices.com](mailto:KTekulve@republicservices.com)>; McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; Armstrong, Travis <[TArmstrong2@republicservices.com](mailto:TArmstrong2@republicservices.com)>; Israel, Nat <[nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com)>

**Cc:** Xuna Cai <[xcai@baaqmd.gov](mailto:xcai@baaqmd.gov)>

**Subject:** RE: Title V Administrative Amendment Permit for Plant no. A2266 - App no. 692115

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Hi Kathryn:

Thank you for your response.

Your requested change:

**Facility Contact**  
Kelly McDonnell, **Environmental Manager**  
(650) 713-3632

Is the phone number, okay for Kelly?

The AA Title V permit is ready. However, I'm waiting for the payment in order to go forward.

Thank you,  
May--

---

**From:** Tekulve, Kathryn <[KTekulve@republicservices.com](mailto:KTekulve@republicservices.com)>

**Sent:** Thursday, October 26, 2023 11:38 AM

**To:** May Leung <[MLEung@baaqmd.gov](mailto:MLEung@baaqmd.gov)>; McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>;  
Armstrong, Travis <[TArmstrong2@republicservices.com](mailto:TArmstrong2@republicservices.com)>; Israel, Nat <[nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com)>

**Cc:** Xuna Cai <[xcai@baaqmd.gov](mailto:xcai@baaqmd.gov)>

**Subject:** RE: Title V Administrative Amendment Permit for Plant no. A2266 - App no. 692115

**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.

Hi May,

Yes, please change the facility contact to Kelly McDonnell. Her title is **Environmental Manager**.

Otherwise, the edits look good.

Thanks,  
Kathryn

**Kathryn Tekulve**

General Manager  
SF Peninsula / San Mateo County

1680 Edgeworth Ave  
Daly City, CA 94015

**e** [ktekulve@republicservices.com](mailto:ktekulve@republicservices.com)  
**c** 415-370-1255  
**w** [RepublicServices.com](http://RepublicServices.com)



---

**From:** May Leung <[MLeung@baaqmd.gov](mailto:MLeung@baaqmd.gov)>  
**Sent:** Monday, October 23, 2023 11:33 AM  
**To:** Tekulve, Kathryn <[KTekulve@republicservices.com](mailto:KTekulve@republicservices.com)>; McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; Armstrong, Travis <[TArmstrong2@republicservices.com](mailto:TArmstrong2@republicservices.com)>; Israel, Nat <[nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com)>  
**Cc:** Xuna Cai <[xcai@baaqmd.gov](mailto:xcai@baaqmd.gov)>  
**Subject:** RE: Title V Administrative Amendment Permit for Plant no. A2266 - App no. 692115

**This Message Is From an External Sender**

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This message came from outside your organization.

Hi Kathryn,

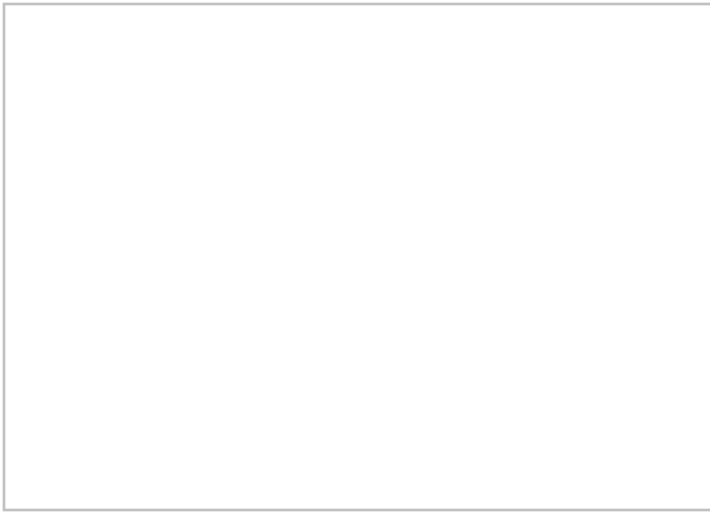
Please review the edits below:

Do you want to change the Facility Contact to be Kelly McDonnell?

**Facility Contact**  
Kelly McDonnell, General Manager  
(650) 713-3632

Changes are in yellow highlighted:





Please do not hesitate to contact me.

Thank you,  
May--

---

**From:** May Leung <[MLEung@baaqmd.gov](mailto:MLEung@baaqmd.gov)>

**Sent:** Monday, October 23, 2023 10:08 AM

**To:** [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com)

**Cc:** Xuna Cai <[xcai@baaqmd.gov](mailto:xcai@baaqmd.gov)>; Tamiko Endow <[TEndow@baaqmd.gov](mailto:TEndow@baaqmd.gov)>; Sanjeev Kamboj <[Skamboj@baaqmd.gov](mailto:Skamboj@baaqmd.gov)>

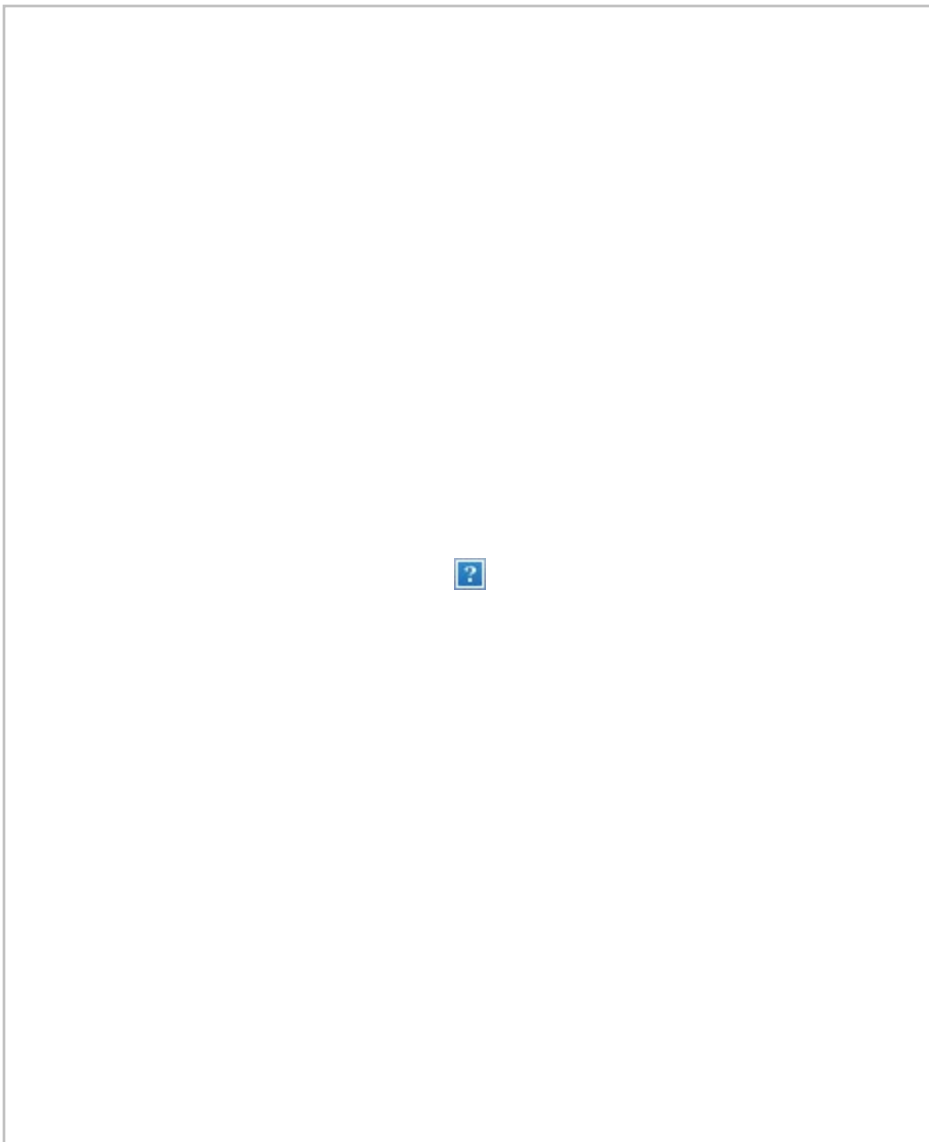
**Subject:** Title V Administrative Amendment Permit for Plant no. A2266 - App no. 692115

Hi Kathryn:

The Title V Administrative Amendment you submitted has been assigned to me the subject application number. The attached file is an invoice for your review and action.

**The amount of \$2,031.00 is due by 11-22-2023.**

This is only a snapshot of the invoice, for viewing only:



Thank you,  
May--

**May Y. Leung**

*Air Quality Permit Technician - Engineering Division*

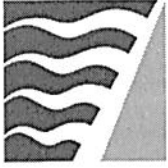
375 Beale Street, Suite 600 | San Francisco, CA 94105

☎ Tel: (415) 749-4729 | 📠 Fax: (415) 749-5030

[mleung@baaqmd.gov](mailto:mleung@baaqmd.gov) | [www.baaqmd.gov](http://www.baaqmd.gov)



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**BAY AREA AIR QUALITY  
MANAGEMENT DISTRICT**  
375 Beale Street, Suite 600  
San Francisco, CA 94105  
(415) 771-6000 WWW.BAAQMD.GOV

Facility ID 2266  
Renewal No. 695385

## Data Update

Printed: Dec 04, 2023  
Return by: Mar 01, 2024

**TO: PERMITTED OPERATOR**  
Browning-Ferris Industries of CA Inc  
12310 San Mateo Road  
Half Moon Bay, CA 94019-4019  
ATTN: Travis Armstrong , General Manager

Please direct inquiries to:  
BAAQMD Engineering Division  
Nimrat Sandhu  
Tel: (415) 749-8604  
nsandhu@baaqmd.gov

### Permitted Address for Facility ID 2266

Browning-Ferris Industries of CA Inc  
12310 San Mateo Road  
Half Moon Bay, CA, 94019-4019

## Annual Update Process Overview

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### What Is This Data Update Request?

The BAAQMD requires you to provide the information to satisfy the CARB (California Air Resources Board) and U.S. EPA (United States Environmental Protection Agency) requirements for annual reports of emissions of air contaminants. The information you furnish will be used to:

- Update your facility's emissions inventory
- Calculate the permit renewal fees for your facility
- Verify compliance with applicable regulations and permit conditions
- Comply with the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588)

The authority for requesting this information is contained in BAAQMD Regulation 1, Section 441, Health & the California Safety Code Section 42303 & 44300, et. al.

### Which Devices/Sources Will I Need To Provide Information?

You will be asked to provide information for all devices/sources that currently hold a Permit to Operate at the time this questionnaire was printed. You will not be asked for equipment that is exempt from permits, is registered or currently holds an Authority to Construct permit.

**Where do I return the Data Update Form(s)?**

Return form(s) by mail to:

BAAQMD  
375 Beale Street, Suite 600  
San Francisco, CA 94105  
Attn: Data Update Forms

**What Information Will I Need To Provide?**

Typically, you will be asked to provide applicable material usage for each device that causes air pollution for a previous 12-month period and end date of that period. Examples of material usage include solvents used, coatings applied or fuel burned.

**Are There Any Penalties for Not Submitting Data?**

Not submitting data is a violation of Regulation 1, Section 441, and will subject the owner/operator to further action.

Actions may be any or all of the following:

- Withholding of the renewed Permit to Operate
- Issuance of Notice to Comply (NTC)
- Issuance of Notice of Violation (NOV) which may result in fines
- Revocation of Permit to Operate
- Withholding of other District services

**What Is The Next Step To Renew My Permit?**

If you submit the update on-time, you should receive an invoice to renew your permit between 30 to 60 days from the date the permit expires.

**What If I Need to Make Changes To The Permit?**

Submit the appropriate BAAQMD form if you need to notify BAAQMD of the following activity:

- Update owner, operator or billing contact information - [Facility Contacts Form](#)
- Transfer of ownership (change of owning entity) - [Transfer of Ownership Form](#)
- Device/source or facility shutdown - [Device and Facility Shutdown Form](#)

Forms are located at [permits.baaqmd.gov](https://permits.baaqmd.gov) or call 415-749-8665.

Instructions: Complete all fields labeled "Enter" for each device. Certify and return each page where you entered information. Return the pages by the due date. Keep a copy for your records.

Enter the ending date for the 12-month reporting period for this update. The end date must be within 6 months prior to the date you submit these forms.

\_\_\_\_\_ (mm/dd/yy)

Device	Material	Last Reported Usage	Enter 12-month Net Usage	Units
S1 Los Trancos Canyon Landfill - Waste Decomposition Process Equipped with Active Gas Collection System	Landfill gas	3943403		Thousand Cubic Feet
	Landfill	539311		Tons-In-Place
A7 Landfill Gas Flare	Landfill gas	680993.8		Thousand Cubic Feet
A9 Landfill Gas Flare	Landfill gas	31324.5		Thousand Cubic Feet
S12 Stockpile of Green Waste	Wood -other/not spec	0		Tons
S21 Los Trancos Canyon Landfill - Waste and Cover Material Dumping	Solid waste -other/not spec	1057389		Tons
S22 Los Trancos Canyon Landfill - Excavating, Bulldozing, and Compacting Activities	Solid waste -other/not spec	518078.3		Tons
S23 Portable Propane Engine powering Tipper No.110209	LPG	0		Thousand Gallons
S26 Diesel Powered Landfill Tipper Engine	Diesel fuel	2.5762		Thousand Gallons

*I hereby certify that I am authorized to complete this form for the facility and that all information contained herein is true and correct.*

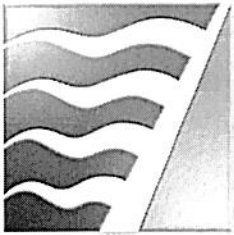
\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Phone



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

12/4/2023

**Subject:** Invitation to Air District's Online Permitting System


Dear Facility Contact,

You are receiving this mailer because the permit for the facility referenced below is eligible for online activities, such as submitting a Permit Application, an Annual Data Update, or making payments on application or renewal invoices, but you must first create a user account.

For security purposes, as an official contact for Browning-Ferris Industries of CA Inc (Facility ID 2266), you have been provided a Facility Access Code to link this facility when you create your user account.

**Facility Access Code: RQK85ZZB**

**To create (sign up for) a user account:**

- Using an internet browser, go to <http://permits.baaqmd.gov>.
- Click on the Online Permitting System page link within the How to Apply section
- Click the LOGIN button within the Online Permitting System 
- Follow the instructions to create your account and authenticate your e-mail address.
- The Facility Access Code can be entered under 'Link an Existing Facility' after creating your account.

A Facility Access Code can only be used once. If you need another access code, please e-mail your request to [Permithelp@baaqmd.gov](mailto:Permithelp@baaqmd.gov) (preferred) **with your Name and Facility number**. If you have any questions about using an access code, please call us at (415) 749-8665.

**Notes:**

- A user has full access to the facility. The Air District does not take any responsibility for those with whom you choose to share access.
- Please review that the contact information for your facility is correct.
- To make any payments, please go to <https://myaironline.baaqmd.gov/account/findPayInvoice>.
- More information is located at [Permits.BAAQMD.gov](http://Permits.BAAQMD.gov).

Thank you for using the Air District's new online permitting system.

Sincerely,

Bay Area Air Quality Management District



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**From:** Wade, Benjamin <[BWade@republicservices.com](mailto:BWade@republicservices.com)>  
**Sent:** Friday, January 12, 2024 12:54 PM  
**To:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Subject:** FW: Plant #2266 Reported Throughput

Kendra/Nat –

See below – looks like something I changed in 2021!

Can you take a look at the history and see if there is an explanation on file for what we have been doing here?

**Ben Wade**

Area Environmental Manager  
West Area

e [bwade@republicservices.com](mailto:bwade@republicservices.com)  
o (650) 713-3632 c (650) 291-3882  
f (650) 726-9183 w RepublicServices.com



We'll handle it from here.™

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**From:** Stanley Tom <[stom@baaqmd.gov](mailto:stom@baaqmd.gov)>  
**Sent:** Wednesday, January 10, 2024 5:39 PM  
**To:** Wade, Benjamin <[BWade@republicservices.com](mailto:BWade@republicservices.com)>  
**Subject:** RE: Plant #2266 Reported Throughput

**This Message Is From an External Sender**

This message came from outside your organization.

Report Suspicious

Ben,

We were reviewing the landfill waste in place values that your site reported to ARB via the LMR report and compared them to the values submitted through our data update. Can you please address the discrepancy and indicate which is the accurate value?

Data Update Reported Values (waste in place, tons)

5.39E05 in 2022

5.81E05 in 2021

2.70E07 in 2020

ARB LMR Reported Values (waste in place, tons)

2.80E07 for CY2022

2.76E07 for CY2021

2.70E07 for CY2020

2.65E07 for CY2019

Stanley Tom, P.E.

Senior Air Quality Engineer

Bay Area Air Quality Management District

Phone: (415) 749-8681





January 4, 2023

Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Change of Permit Conditions Request  
Less Than Continuous Operation Petition  
Browning-Ferris Industries of California, Inc.  
Ox Mountain Sanitary Landfill, Half Moon Bay, California  
Facility Number A2266

To Whom It May Concern,

Tetra Tech is submitting this written petition on behalf of Browning-Ferris Industries of California, Inc. (BFIC) to the Bay Area Air Quality Management District (BAAQMD) for the approval of less than continuous operation (LTCO) for gas collection and control system (GCCS) components at Ox Mountain in accordance with BAAQMD Regulation 8, Rule 34, Section 404.

**Background**

As of the date of this report the GCCS at Ox Mountain consists of 181 landfill gas (LFG) vertical wells, 15 horizontal collectors, 13 leachate collection risers (LCRS), and 18 leachate sumps (LTS). The GCCS operates in accordance with the Federal New Source Performance Standards/Emission Guidelines (NSPS/EG) and BAAQMD Regulation 8, Rule 34. Per BAAQMD Regulation 8, Rule 34, Section 404, approved LTCO components need to be renewed every three years. Ox Mountain’s current Title V Permit was last renewed on May 17, 2021. Permit Condition Number 10164 Part 18(d)(i) currently allows for LTCO at 24 GCCS components.

The following is a summation of the existing LTCO GCCS components being petitioned for renewal:

OMTLTS01	OMTLTS02	OMTLTS03	OMTLTS04	OMTLTS05	OMTLTS06
OMTLTS07	OMTLTS08	OMTLTS09	OMTLTS10	OMTLTS11	OMTLTS12
OMTLTS15	OMTLTS16	OMTLTS17	OMTLTS18	OMTLTS19	OMTLTS20
OXLCRS4A1	OXLCRS4B1	OXLCRS07	OXLCRS3A	OXLCRS3B	OXLCRS7B

**Historical LTCO Background**

The 18 LTS (leachate trench sump) components are installed in a shallow, gravel filled leachate interception trench and due to the shallow installation depth have the potential to develop elevated oxygen levels. Application of even minimal vacuum to the leachate interception trench could potentially result in above-average levels of air intrusion due to the shallow leachate interception trench being designed for liquids management and not LFG recovery. Without applying vacuum to the 18 LTS components, LFG can accumulate in the leachate collection and removal system (LCRS) and potentially migrate, resulting in surface emissions. To avoid potential surface

emissions or fugitive methane emissions from migration of LFG accumulated in the leachate interception trench, BFIC would like to continue to intermittently operate the 18 LTS components.

Similar to the LTS components, the six LCRS components are not gas collection wells but were solely designed for the management of leachate. Due to this, maintaining compliance with NSPS and BAAQMD Regulations continues to prove to be difficult. The site will maintain effective operation of LCRS components with the continued approval of the current LTCO conditions.

Recent historical well data for the previously approved LTCO components can be found in Attachment A.

### **New LTCO Request**

In addition to the renewal of the previously approved LTCO components, BFIC is petitioning for approval to add four vertical wells, OXEW1821, OXEW1822, OXEW1823, and OXEW1920, to the LTCO conditions. These wells were installed in the Northern portion of the landfill in response to a perimeter probe exceedance identified at OXPGP6RA. These wells were installed in proximity to older waste that is shallow and is subject to being over drawn by the GCCS. With Probe OXPGP6RA returning to and maintaining compliance, these wells no longer need to run continuously. The ability to operate the identified components less than continuously would allow for better gas extraction and reduce the risk of atmosphere intrusion. Historical well data can be found in Attachment B.

The location of each previously approved and newly requested LTCO component can be found in the facility map included in Attachment C.

### **Proposed Continuance of Conditions**

BFIC requests that Title V Permit Condition Number 10164 Part 18(d)(i) continue to grant LTCO approval for the components previously listed as approved for LTCO and include the four new vertical wells:

*(d) The Permit Holder may operate the components identified in Part 17a(ii) on a less than continuous basis subject to the following operating and monitoring criteria. (Basis: Regulation 8-34-404)*

*(i) This subpart applies to the following components: 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-15, LTS-16, LTS-17, LTS-18, LTS-19, LTS20, OXLCRS3A, OXLCRS3B, OXLCRS4A1, OXLCRS4B1, OXLCRS07, OXLCRS7B, OXEW1821, OXEW1822, OXEW1823, and OXEW1920.*

Additionally, BFIC requests that Title V Permit Condition Number 10164 Part 17(a)(ii) be updated to allow for 28 components to operate less than continuously:

*(a) The authorized number of landfill gas collection system components is the baseline count listed below plus any components installed and minus any components decommissioned pursuant to subpart 17b, as evidenced by start-up and decommissioning notification letters submitted to the District through May 17, 2016.*

*(i) Components That Operate Continuously*

- 177 vertical wells
- 15 Horizontal collectors
- 7 leachate cleanout risers

(ii) *Components That Operate Less Than Continuously*

- 4 vertical wells
- 18 leachate sumps
- 6 leachate cleanout risers

The proposed continuance of conditions and addition of new components is intended to allow the GCCS components to remain in operation, while remaining in compliance with permitted limits. Per BAAQMD Regulation 8, Rule 34, Section 404.3 (operation, maintenance, and inspection schedule), all GCCS components, including current and future LTCO components, are monitored and inspected twice per month per Republic Services Inc.'s Standard Operating Procedures (SOP). If any maintenance is required, LFG technicians notify BFIC, and repairs are planned and implemented.

**Application Forms**

BAAQMD Stationary Source Summary Forms and Form P-101B are included in Attachment E of this application.

Section 5 of Form P101-B 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 emission points; (3) data forms and a pollutant flow diagram are attached; (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.

**Permit Application Forms**

BFIC understands that BAAQMD will issue an invoice for the application fees during their review of the permit application.

If you have any questions or require additional information, please do not hesitate to contact Kelly McDonnell at (669) 297-4529 or by email at [Kmcdonnell@republicservices.com](mailto:Kmcdonnell@republicservices.com) or Nat Israel at (530) 409-0225 or by email at [nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com).

Sincerely,

Browning-Ferris Industries of California, Inc.

*Kelly McDonnell*

Kelly McDonnell  
Environmental Manager

Attachments: A – Existing LTCO GCCS Component Data  
B – New LTCO GCCS Component Data  
C – Facility As-Built with LTCO Well Locations  
D – BAAQMD Forms and Pollutant Flow Diagram

cc: Kathryn Tekulve, BFIC  
Nat Israel, Tetra Tech  
Kendra Kent, Tetra Tech  
Rob Newbrough, Tetra Tech

Attachment A  
Existing LTCO GCCS Component Data

Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Stat Press ["H2O]	Adj Stat Press ["H2O]	Sys Pressure ["H2O]	Inj Temp [ ]	Init Flow [scfm]	Comments
OXLCR4A1	7/3/2023 10:09:12 AM	54.2	38.2	0.9	6.7	-29.54	-32.08	-54.20	64.0	0.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCR4A1	7/18/2023 9:06:35 AM	49.5	38.4	0.1	12.0	-49.16	-46.73	-51.29	61.5	10.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXLCR4A1	8/8/2023 8:33:31 AM	48.4	37.8	0.1	13.7	-45.10	-40.61	-48.32	62.0	9.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXLCR4A1	8/16/2023 9:27:55 AM	47.3	38.3	0.2	14.2	-45.00	-39.60	-51.66	68.8	8.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXLCR4A1	9/1/2023 9:58:04 AM	53.9	38.8	0.0	7.3	-33.55	-33.26	-42.70	62.2	16.9	Valve Adjustment:No Change
OXLCR4A1	9/21/2023 11:06:24 AM	50.6	39.1	0.0	10.3	-42.84	-42.42	-53.54	67.1	11.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXLCR4A1	10/6/2023 10:23:50 AM	44.7	40.6	0.2	14.5	-36.39	-23.67	-48.69	78.0	7.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXLCR4A1	10/13/2023 10:03:33 AM	48.9	39.4	0.1	11.6	-29.00	-24.17	-53.60	66.3	9.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXLCR4A1	11/6/2023 7:52:20 AM	52.0	39.2	0.0	8.8	-22.89	-23.05	-51.41	61.9	11.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCR4A1	11/16/2023 12:50:02 PM	46.8	36.8	0.1	16.3	-27.66	-26.34	-53.28	67.5	66.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXLCR4A1	12/4/2023 11:17:58 AM	48.7	41.0	0.0	10.3	-31.23	-32.12	-51.52	64.5	58.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXLCR4B1	7/14/2023 2:51:02 PM	0.2	2.3	21.3	76.2	-0.82	-0.79	-52.69	96.0	6.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	7/14/2023 2:52:20 PM	0.5	2.1	21.1	76.3	-0.80	-0.73	-52.56	90.3	5.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	7/24/2023 1:53:27 PM	48.2	36.9	4.4	10.5	-2.77	-2.68	-50.44	76.1	10.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	8/8/2023 8:35:24 AM	47.4	36.7	3.9	12.0	-2.48	-2.31	-48.23	55.5	6.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	8/16/2023 9:29:37 AM	46.7	37.6	4.0	11.7	-1.93	-1.61	-50.74	73.3	11.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	9/15/2023 7:35:08 AM	0.0	0.1	21.9	78.0	-1.74	-1.63	-52.65	57.4	10.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	9/15/2023 7:37:23 AM	0.0	0.1	21.8	78.1	-1.69	-1.32	-52.30	57.0	9.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	9/26/2023 11:16:27 AM	17.1	16.5	20.4	46.0	-2.36	-2.35	-48.83	75.6	3.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	9/26/2023 11:17:29 AM	0.2	0.4	21.4	78.0	-2.24	-2.42	-50.63	80.2	4.9	Valve Adjustment:NSPS,No Change
OXLCR4B1	10/11/2023 12:27:22 PM	0.0	0.0	20.8	79.2	-1.02	-0.91	-42.60	87.4	0.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	10/11/2023 12:28:52 PM	0.0	0.0	20.8	79.2	-0.96	-0.91	-42.84	86.6	0.5	Valve Adjustment:No Change,Valve at minimum position
OXLCR4B1	10/17/2023 10:47:39 AM	0.0	0.0	21.2	78.8	-1.30	-1.28	-50.37	84.0	0.3	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	10/17/2023 10:48:14 AM	0.0	0.0	21.1	78.9	-1.35	-1.32	-50.09	84.3	0.0	Valve Adjustment:No Change,Valve at minimum position
OXLCR4B1	11/14/2023 12:52:55 PM	47.4	35.9	1.2	15.5	-1.84	-1.57	-46.78	77.1	11.5	Valve Adjustment:No Change,Valve at minimum position
OXLCR4B1	11/14/2023 12:55:11 PM	47.9	35.9	1.1	15.1	-1.99	-1.90	-46.69	76.4	11.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCR4B1	11/14/2023 3:06:38 PM	47.0	34.5	1.1	17.4	-2.55	-2.30	-51.13	68.9	12.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXLCR4B1	11/16/2023 12:28:41 PM	43.6	35.7	1.1	19.6	-2.65	-2.27	-53.42	66.3	12.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	11/16/2023 12:30:06 PM	42.0	33.5	2.3	22.2	-2.07	-2.13	-53.18	66.3	4.5	Valve Adjustment:No Change,Valve at minimum position
OXLCR4B1	12/4/2023 11:11:26 AM	40.6	37.3	1.6	20.5	-1.61	-1.45	-51.27	68.9	10.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	12/4/2023 11:12:48 AM	42.1	36.5	3.3	18.1	-1.43	-1.42	-50.89	70.1	3.3	Valve Adjustment:No Change
OXLCRS07	7/14/2023 10:59:15 AM	49.0	38.4	11.1	1.5	-1.14	-1.13	-46.71	70.6	0.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	7/24/2023 12:15:56 PM	7.5	6.7	14.8	71.0	-13.68	-10.81	-46.71	69.0	12.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	8/8/2023 2:32:33 PM	6.7	6.1	16.8	70.4	-2.65	-2.72	-45.93	71.5	0.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	8/8/2023 2:37:00 PM	4.8	4.2	18.0	73.0	-1.88	-1.72	-45.65	71.7	2.3	Valve Adjustment:No Change,Valve at minimum position
OXLCRS07	8/18/2023 10:17:04 AM	6.3	6.4	17.4	69.9	-9.67	-4.53	-47.02	81.1	15.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	8/18/2023 10:18:38 AM	4.7	5.8	20.0	69.5	-0.79	-0.82	-46.79	78.3	0.6	Valve Adjustment:NSPS,Valve at minimum position
OXLCRS07	9/15/2023 10:28:08 AM	5.4	4.6	18.5	71.5	-2.43	-2.42	-42.93	70.0	1.5	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	9/15/2023 10:31:48 AM	0.1	0.2	21.8	77.9	-0.30	-0.28	-42.85	68.2	0.5	Valve Adjustment:NSPS,Valve at minimum position

Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Stat Press ["H2O]	Adj Stat Press ["H2O]	Sys Pressure ["H2O]	Inj Temp [ ]	Init Flow [scfm]	Comments
OXLCS07	9/27/2023 12:41:14 PM	8.4	6.6	16.0	69.0	-4.09	-4.57	-42.08	87.8	8.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less
OXLCS07	9/27/2023 12:43:25 PM	8.5	6.6	15.9	69.0	-4.22	-4.97	-42.07	87.9	10.0	Valve Adjustment: NSPS, No Change
OXLCS07	10/6/2023 9:12:18 AM	44.0	33.2	11.5	11.3	-0.57	-1.50	-45.70	88.1	11.9	Valve Adjustment: No Change, Valve 15% open
OXLCS07	10/21/2023 8:56:33 AM	7.7	6.6	17.2	68.5	-14.38	-14.00	-49.20	87.5	14.8	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less
OXLCS07	10/21/2023 9:01:49 AM	7.3	7.2	17.2	68.3	-13.89	-1.90	-48.52	87.6	12.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXLCS07	11/3/2023 8:59:59 AM	43.9	30.2	11.3	14.6	-7.45	-7.70	-48.07	84.2	9.8	Valve Adjustment: No Change, Valve 10% open
OXLCS07	11/22/2023 9:11:02 AM	34.9	30.5	9.0	25.6	-10.41	-10.01	-47.05	87.0	8.9	Valve Adjustment: Closed valve 1/2 turn or less, Valve 20% open
OXLCS07	12/8/2023 9:55:15 AM	22.4	24.0	10.3	43.3	-1.55	-2.01	-35.40	79.8	7.5	Valve Adjustment: No Change, Valve 20% open
OMTLTS01	7/12/2023 4:16:16 PM	24.9	25.4	6.1	43.6	-0.06	-0.05	-36.59	87.2	0.1	Valve Adjustment: No Change, Valve at minimum position
OMTLTS01	7/28/2023 9:27:17 AM	27.5	30.3	2.6	39.6	-0.23	-0.22	-46.20	70.0	0.6	Valve Adjustment: No Change, Valve at minimum position
OMTLTS01	8/7/2023 10:41:35 AM	28.1	29.1	1.5	41.3	-0.20	-0.20	-45.65	81.0	0.4	Valve Adjustment: No Change
OMTLTS01	8/22/2023 9:21:58 AM	31.7	32.1	1.3	34.9	-0.09	-0.09	-33.14	79.8	0.4	Valve Adjustment: No Change, Valve at minimum position
OMTLTS01	9/14/2023 8:49:37 AM	22.6	27.0	3.9	46.5	-0.18	-0.18	-46.94	64.1	0.4	Valve Adjustment: No Change, Valve at minimum position
OMTLTS01	9/26/2023 2:50:42 PM	32.1	32.4	1.0	34.5	-0.09	-0.09	-43.66	88.6	0.5	Valve Adjustment: No Change, Valve at minimum position
OMTLTS01	10/10/2023 2:13:18 PM	39.1	32.8	0.8	27.3	-0.07	-0.07	-41.80	80.5	0.5	Valve Adjustment: No Change, Valve at minimum position
OMTLTS01	10/21/2023 11:03:54 AM	30.8	34.2	2.0	33.0	-0.13	-0.12	-46.63	75.0	0.6	Valve Adjustment: No Change, Valve at minimum position
OMTLTS01	11/11/2023 9:12:30 AM	24.3	27.5	5.3	42.9	-0.22	-0.23	-44.61	86.2	5.2	Valve Adjustment: No Change, Valve at minimum position
OMTLTS01	11/29/2023 9:10:55 AM	20.1	23.2	9.2	47.5	-0.24	-0.24	-46.20	79.0	4.9	Valve Adjustment: No Change, Valve at minimum position
OMTLTS01	12/7/2023 1:04:42 PM	24.5	23.9	8.8	42.8	-0.20	-0.21	-46.28	77.2	3.9	Valve Adjustment: No Change, Valve at minimum position
OMTLTS02	7/12/2023 4:20:18 PM	40.5	32.2	1.4	25.9	-0.33	-0.32	-37.26	72.2	13.2	Valve Adjustment: No Change, Valve at minimum position
OMTLTS02	7/28/2023 9:24:13 AM	38.5	31.2	1.7	28.6	-0.59	-0.53	-46.73	70.6	14.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTLTS02	8/7/2023 12:16:07 PM	42.1	32.8	1.5	23.6	-0.44	-0.39	-47.08	75.3	13.0	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTLTS02	8/22/2023 9:19:27 AM	41.1	31.8	1.4	25.7	-0.33	-0.33	-34.83	74.4	10.3	Valve Adjustment: No Change, Valve at minimum position
OMTLTS02	9/14/2023 9:02:34 AM	36.7	34.3	1.2	27.8	-0.53	-0.49	-47.97	70.0	11.8	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTLTS02	9/26/2023 2:47:13 PM	46.8	33.5	0.8	18.9	-0.29	-0.28	-43.50	79.3	10.1	Valve Adjustment: No Change, Valve at minimum position
OMTLTS02	10/10/2023 2:04:40 PM	30.8	26.7	1.5	41.0	-0.26	-0.26	-42.15	73.7	9.6	Valve Adjustment: No Change, Valve at minimum position
OMTLTS02	10/21/2023 11:00:54 AM	47.0	37.1	1.1	14.8	-0.36	-0.35	-47.56	72.6	10.3	Valve Adjustment: No Change, Valve at minimum position
OMTLTS02	11/11/2023 9:24:57 AM	53.3	38.9	0.9	6.9	-0.33	-0.39	-45.59	72.0	10.2	Valve Adjustment: Opened valve 1/2 turn or less, Valve 5% open
OMTLTS02	11/21/2023 12:33:23 PM	45.3	35.7	1.2	17.8	-0.36	-0.36	-47.42	69.0	12.2	Valve Adjustment: No Change, Valve at minimum position
OMTLTS02	11/29/2023 9:51:36 AM	51.1	37.2	0.8	10.9	-0.38	-0.38	-47.07	67.0	12.3	Valve Adjustment: No Change, Valve 5% open
OMTLTS02	11/29/2023 9:55:40 AM	51.4	37.4	0.7	10.5	-0.53	-0.53	-46.47	67.7	14.8	Valve Adjustment: No Change, Valve at minimum position
OMTLTS02	12/7/2023 1:30:05 PM	38.1	32.8	2.4	26.7	-0.51	-0.51	-47.37	67.0	14.0	Valve Adjustment: No Change, Valve at minimum position
OMTLTS03	7/12/2023 4:23:19 PM	39.2	32.3	0.1	28.4	-0.55	-0.55	-37.38	73.8	9.9	Valve Adjustment: No Change, Valve at minimum position
OMTLTS03	7/28/2023 9:20:54 AM	38.7	31.3	0.8	29.2	-0.90	-0.78	-46.53	71.3	10.7	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTLTS03	8/7/2023 12:10:27 PM	37.2	32.1	0.6	30.1	-0.78	-0.58	-47.44	76.9	9.7	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTLTS03	8/22/2023 9:11:59 AM	39.1	28.4	0.8	31.7	-0.44	-0.44	-33.36	77.1	6.3	Valve Adjustment: No Change, Valve at minimum position
OMTLTS03	9/14/2023 9:07:00 AM	50.3	36.0	0.8	12.9	-0.67	-0.66	-47.28	72.6	7.2	Valve Adjustment: No Change, Valve at minimum position
OMTLTS03	9/26/2023 2:43:25 PM	43.6	36.7	11.6	8.1	-0.44	-0.44	-42.47	79.3	7.4	Valve Adjustment: No Change, Valve at minimum position
OMTLTS03	10/10/2023 2:01:55 PM	47.8	36.6	10.4	5.2	-0.37	-0.36	-42.79	76.4	7.0	Valve Adjustment: No Change, Valve at minimum position
OMTLTS03	10/21/2023 10:55:02 AM	49.8	39.7	0.3	10.2	-0.48	-0.48	-47.39	76.1	7.3	Valve Adjustment: No Change, Valve at minimum position

Point ID	Record Date	CH4	CO2	O2	Bal Gas	Init Stat Press	Adj Stat Press	Sys Pressure	Inj Temp	Init Flow	Comments
		[%]	[%]	[%]	[%]	["H2O]	["H2O]	["H2O]	[ ]	[scfm]	
OMTLTS03	11/11/2023 9:29:19 AM	52.2	39.3	0.0	8.5	-0.48	-0.55	-45.25	72.2	7.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS03	11/29/2023 10:00:42 AM	50.2	36.6	0.0	13.2	-0.56	-0.58	-46.88	68.0	8.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	11/29/2023 10:03:31 AM	49.5	37.1	0.0	13.4	-0.60	-0.60	-47.28	68.5	8.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	12/7/2023 1:28:00 PM	43.5	35.3	3.5	17.7	-0.62	-0.62	-47.43	69.0	7.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	7/12/2023 9:29:39 AM	24.3	23.9	0.3	51.5	-0.17	-0.17	-41.88	55.9	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	7/26/2023 10:00:53 AM	35.0	26.8	4.2	34.0	-0.37	-0.32	-46.51	64.3	1.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	8/1/2023 10:09:45 AM	29.1	22.2	4.4	44.3	-0.31	-0.31	-43.73	55.9	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	8/24/2023 2:13:18 PM	17.5	15.8	8.2	58.5	-0.30	-0.30	-48.69	77.0	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	9/13/2023 1:05:56 PM	42.5	29.0	1.3	27.2	-0.21	-0.20	-41.46	74.3	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	9/26/2023 10:39:47 AM	8.2	9.1	13.0	69.7	-0.32	-0.32	-42.11	74.1	0.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	10/3/2023 10:06:50 AM	18.9	18.9	6.4	55.8	-0.29	-0.29	-34.10	72.7	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	10/17/2023 1:23:39 PM	23.4	25.7	2.9	48.0	-0.06	-0.06	-41.03	89.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	11/13/2023 1:28:42 PM	26.9	25.5	0.6	47.0	-0.09	-0.08	-42.15	71.5	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	11/21/2023 1:19:52 PM	20.2	26.3	3.1	50.4	-0.10	-0.10	-47.84	67.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	12/1/2023 1:51:33 PM	15.1	23.0	2.4	59.5	-0.21	-0.21	-41.38	71.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	7/12/2023 9:26:42 AM	26.2	21.1	4.1	48.6	-0.19	-0.19	-42.16	56.9	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	7/26/2023 9:57:40 AM	39.6	28.1	4.5	27.8	-0.38	-0.34	-45.05	64.1	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	8/1/2023 10:06:35 AM	24.0	19.2	6.8	50.0	-0.34	-0.34	-40.34	56.0	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	8/24/2023 2:15:27 PM	15.5	14.3	12.8	57.4	-0.31	-0.31	-46.43	75.8	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	9/13/2023 1:02:14 PM	14.4	9.7	11.7	64.2	-0.22	-0.22	-38.22	74.0	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	9/26/2023 10:37:39 AM	7.2	8.0	13.3	71.5	-0.33	-0.33	-45.26	77.8	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	10/3/2023 10:04:42 AM	10.0	12.0	10.3	67.7	-0.31	-0.31	-29.39	74.4	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	10/17/2023 1:20:58 PM	17.1	20.4	3.7	58.8	-0.11	-0.11	-41.62	90.1	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	11/13/2023 1:31:57 PM	30.9	26.2	1.7	41.2	-0.09	-0.08	-42.43	70.7	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	11/21/2023 1:17:59 PM	18.0	25.4	3.8	52.8	-0.11	-0.11	-43.84	67.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	12/1/2023 1:49:08 PM	8.3	15.3	7.6	68.8	-0.20	-0.20	-33.97	69.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	7/12/2023 9:20:09 AM	25.3	21.8	4.6	48.3	-0.35	-0.22	-41.37	88.3	11.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	7/26/2023 9:54:02 AM	23.3	16.9	10.7	49.1	-0.40	-0.36	-42.47	81.1	4.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	8/1/2023 9:47:55 AM	20.7	19.2	8.8	51.3	-0.44	-0.42	-39.03	73.0	3.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	8/16/2023 10:38:27 AM	26.6	25.9	1.8	45.7	-0.32	-0.25	-38.24	84.8	3.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	9/13/2023 12:57:08 PM	32.9	27.0	1.3	38.8	-0.25	-0.25	-38.75	79.8	1.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	9/26/2023 10:42:09 AM	8.3	9.0	14.0	68.7	-0.31	-0.31	-41.02	76.7	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	10/3/2023 10:01:49 AM	10.0	10.0	14.6	65.4	-0.33	-0.33	-31.11	80.8	7.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	10/17/2023 1:14:10 PM	20.0	21.4	5.8	52.8	-0.21	-0.21	-41.31	95.4	7.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	11/13/2023 1:35:58 PM	35.8	28.4	3.8	32.0	-0.11	-0.10	-42.66	91.9	2.8	Valve Adjustment:Closed valve 1/2 turn or less
OMTLTS06	11/21/2023 1:15:25 PM	39.7	33.5	3.0	23.8	-0.09	-0.09	-43.47	70.7	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	12/1/2023 1:41:36 PM	21.2	20.6	7.6	50.6	-0.16	-0.16	-34.74	72.6	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	7/11/2023 11:05:54 AM	42.2	33.1	1.1	23.6	-0.30	-0.24	-43.73	82.0	5.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	7/26/2023 9:09:44 AM	58.9	39.0	0.2	1.9	-0.61	-0.75	-47.32	72.4	0.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMTLTS07	8/1/2023 9:25:56 AM	26.2	27.0	2.6	44.2	-1.01	-1.02	-37.30	82.7	13.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

Point ID	Record Date	CH4	CO2	O2	Bal Gas	Init Stat Press	Adj Stat Press	Sys Pressure	Inj Temp	Init Flow	Comments
		[%]	[%]	[%]	[%]	["H2O]	["H2O]	["H2O]	[ ]	[scfm]	
OMTLTS07	8/16/2023 10:09:31 AM	22.4	24.0	3.0	50.6	-0.94	-0.91	-36.36	87.0	12.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMTLTS07	9/13/2023 12:43:03 PM	25.2	22.9	2.5	49.4	-0.92	-0.88	-38.79	89.6	12.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	9/26/2023 9:45:05 AM	19.6	23.1	2.3	55.0	-0.71	-0.53	-42.17	90.3	12.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	10/3/2023 9:51:43 AM	22.2	22.1	2.1	53.6	-0.55	-0.54	-35.65	86.4	2.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	10/17/2023 1:01:26 PM	22.4	25.5	3.4	48.7	-0.17	-0.16	-41.36	96.5	2.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	11/13/2023 1:50:08 PM	37.6	31.8	0.0	30.6	-0.06	-0.04	-45.71	83.6	3.0	Valve Adjustment:Closed valve 1/2 turn or less
OMTLTS07	11/21/2023 1:12:53 PM	50.0	36.1	0.1	13.8	-0.02	-0.07	-44.76	71.8	6.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS07	12/1/2023 1:23:16 PM	40.2	32.0	2.1	25.7	-0.51	-0.49	-32.90	89.4	5.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	7/11/2023 11:00:23 AM	31.2	25.2	5.6	38.0	-0.46	-0.36	-41.97	78.4	6.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	7/26/2023 9:05:14 AM	26.7	22.1	3.8	47.4	-0.79	-0.70	-42.81	77.8	19.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OMTLTS08	8/1/2023 9:20:14 AM	20.5	23.1	4.9	51.5	-1.22	-1.07	-36.85	88.8	17.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	8/16/2023 10:04:02 AM	9.1	15.6	7.7	67.6	-1.00	-0.97	-38.12	89.3	12.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	9/13/2023 12:37:37 PM	11.6	14.9	8.1	65.4	-0.97	-0.91	-40.61	91.9	12.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	9/26/2023 9:37:34 AM	6.5	12.0	10.4	71.1	-0.99	-0.75	-39.21	90.0	10.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	10/3/2023 9:48:51 AM	1.3	4.3	14.6	79.8	-0.60	-0.60	-31.98	76.9	9.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	10/17/2023 12:57:37 PM	18.4	20.3	5.8	55.5	-0.42	-0.35	-37.04	94.8	9.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	11/13/2023 1:54:05 PM	0.3	2.8	21.7	75.2	-0.02	-0.01	-3.86	63.6	0.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	11/13/2023 1:55:53 PM	0.1	0.6	22.1	77.2	-0.02	-0.02	-4.07	65.7	0.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	11/21/2023 12:51:51 PM	0.1	0.0	20.7	79.2	-0.05	-0.05	-21.19	70.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	11/21/2023 12:52:27 PM	0.1	0.1	20.4	79.4	-0.03	-0.03	-22.71	68.3	0.1	Valve Adjustment:NSPS,Valve at minimum position
OMTLTS08	12/1/2023 12:54:59 PM	1.4	2.9	17.2	78.5	-0.67	-0.66	-35.93	76.1	15.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	12/1/2023 12:58:42 PM	4.2	6.1	14.7	75.0	-0.65	-0.65	-35.09	77.5	15.6	Valve Adjustment:No Change
OMTLTS09	7/11/2023 10:56:12 AM	16.6	22.6	5.2	55.6	-0.52	-0.39	-39.77	84.9	5.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	7/26/2023 8:24:16 AM	4.6	16.5	1.2	77.7	-0.19	-0.17	-12.93	57.8	1.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	8/1/2023 9:07:25 AM	2.9	13.1	5.8	78.2	-0.74	-0.73	-38.77	55.7	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	8/16/2023 9:59:29 AM	1.4	8.4	13.5	76.7	-0.64	-0.64	-38.69	78.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	9/13/2023 12:31:45 PM	5.6	13.4	7.4	73.6	-0.79	-0.78	-37.39	77.0	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	9/26/2023 9:32:52 AM	1.3	9.5	10.0	79.2	-0.65	-0.64	-40.53	67.2	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	10/3/2023 9:29:44 AM	17.0	17.5	14.7	50.8	-0.34	-0.34	-37.66	77.0	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	10/17/2023 12:55:10 PM	4.7	11.8	7.1	76.4	-0.32	-0.32	-40.84	88.0	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	11/13/2023 2:00:50 PM	3.4	13.3	2.4	80.9	-0.11	-0.11	-3.98	74.7	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	11/21/2023 12:43:08 PM	15.9	22.4	1.7	60.0	-0.12	-0.13	-24.70	65.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	12/1/2023 12:47:50 PM	17.3	15.8	5.5	61.4	-0.21	-0.21	-38.78	66.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	7/12/2023 9:42:58 AM	27.5	24.1	4.5	43.9	-0.18	-0.18	-42.31	58.4	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	7/26/2023 10:51:01 AM	23.8	24.5	2.6	49.1	-0.45	-0.45	-41.58	72.2	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	8/1/2023 11:13:25 AM	3.4	10.5	8.6	77.5	-0.67	-0.66	-39.63	59.7	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	8/16/2023 11:38:54 AM	1.2	8.7	8.5	81.6	-0.90	-0.88	-35.54	78.3	11.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	9/13/2023 2:30:23 PM	8.5	15.1	9.4	67.0	-0.81	-0.78	-33.35	92.0	8.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	9/26/2023 9:25:23 AM	4.0	10.6	14.2	71.2	-0.88	-0.63	-40.32	90.8	8.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	10/3/2023 11:12:23 AM	9.4	17.6	2.8	70.2	-0.32	-0.32	-35.84	77.6	0.2	Valve Adjustment:No Change,Valve at minimum position



Point ID	Record Date	CH4	CO2	O2	Bal Gas	Init Stat Press	Adj Stat Press	Sys Pressure	Inj Temp	Init Flow	Comments
		[%]	[%]	[%]	[%]	["H2O]	["H2O]	["H2O]	[ ]	[scfm]	
OMTLTS10	10/18/2023 12:50:23 PM	10.4	14.8	1.6	73.2	-0.26	-0.26	-41.75	90.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	11/13/2023 2:04:26 PM	18.2	18.3	2.1	61.4	-0.12	-0.11	-17.46	63.4	0.3	Valve Adjustment:Closed valve 1/2 turn or less
OMTLTS10	11/21/2023 1:24:35 PM	19.9	21.4	5.9	52.8	-0.13	-0.13	-18.24	67.3	0.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	12/1/2023 11:32:11 AM	18.8	18.6	6.2	56.4	-0.16	-0.16	-31.32	64.3	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	7/14/2023 11:22:27 AM	0.0	0.0	22.2	77.8	-0.09	-0.09	-47.30	66.7	0.2	Valve Adjustment:NSPS,Valve at minimum position
OMTLTS11	7/14/2023 11:23:03 AM	0.0	0.0	22.1	77.9	-0.08	-0.08	-47.11	67.3	0.2	Valve Adjustment:NSPS,Valve at minimum position
OMTLTS11	7/26/2023 11:02:43 AM	21.8	20.6	6.1	51.5	-0.72	-0.70	-42.18	72.4	12.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	8/1/2023 11:22:04 AM	6.9	11.6	14.7	66.8	-0.70	-0.68	-38.23	81.6	11.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	8/16/2023 11:30:12 AM	1.8	2.0	13.4	82.8	-0.64	-0.64	-40.95	89.4	7.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	9/13/2023 2:23:07 PM	6.3	14.0	10.0	69.7	-0.74	-0.74	-40.93	90.5	7.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	9/26/2023 9:13:36 AM	2.5	8.8	13.7	75.0	-0.80	-0.75	-40.23	87.4	7.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	10/3/2023 11:07:05 AM	3.0	8.2	11.3	77.5	-0.34	-0.34	-29.86	84.3	5.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	10/18/2023 12:56:49 PM	16.3	15.9	6.7	61.1	-0.33	-0.30	-36.05	90.6	5.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	11/13/2023 2:10:38 PM	3.7	7.2	19.4	69.7	-0.13	-0.11	-22.03	61.3	1.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	11/13/2023 2:11:28 PM	2.7	4.2	20.2	72.9	-0.12	-0.10	-22.18	61.6	1.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	11/21/2023 1:30:51 PM	11.4	14.4	7.1	67.1	-0.26	-0.25	-19.32	69.7	5.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	12/1/2023 11:26:12 AM	0.7	8.4	13.8	77.1	-0.19	-0.19	-31.75	71.3	0.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	7/12/2023 10:05:35 AM	11.7	9.0	14.2	65.1	-0.23	-0.23	-38.63	57.2	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	7/26/2023 11:10:12 AM	15.0	11.1	13.4	60.5	-0.40	-0.39	-42.66	71.1	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	8/1/2023 11:29:22 AM	12.7	9.3	14.7	63.3	-0.88	-0.74	-38.30	74.3	12.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	8/16/2023 11:41:36 AM	10.1	12.4	9.1	68.4	-0.69	-0.69	-36.54	84.5	8.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	9/13/2023 2:20:53 PM	6.3	14.2	7.2	72.3	-0.63	-0.63	-37.83	84.9	6.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	9/26/2023 9:08:44 AM	6.8	16.2	5.7	71.3	-0.72	-0.66	-36.10	84.4	6.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	10/3/2023 11:04:32 AM	12.5	16.7	12.8	58.0	-0.32	-0.32	-36.66	87.2	4.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	10/18/2023 1:01:39 PM	2.0	5.5	14.9	77.6	-0.45	-0.30	-38.59	92.4	8.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	11/13/2023 2:14:57 PM	10.3	9.8	8.6	71.3	-0.22	-0.17	-27.59	65.1	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	11/21/2023 1:33:18 PM	14.6	16.8	10.6	58.0	-0.20	-0.20	-36.77	68.0	0.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	12/1/2023 11:23:19 AM	2.0	9.6	11.9	76.5	-0.32	-0.34	-29.74	74.1	6.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	7/12/2023 10:22:55 AM	22.0	20.6	6.0	51.4	-0.33	-0.21	-37.35	82.7	8.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	7/26/2023 12:05:57 PM	26.0	19.4	8.9	45.7	-0.74	-0.59	-43.61	85.6	19.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	8/1/2023 12:58:28 PM	8.4	7.9	9.1	74.6	-0.67	-0.66	-43.33	92.0	13.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	8/16/2023 11:49:05 AM	19.3	18.7	7.5	54.5	-0.59	-0.59	-44.61	94.6	12.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	9/13/2023 2:11:30 PM	24.1	23.7	6.3	45.9	-0.54	-0.53	-42.47	89.5	11.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	9/26/2023 8:52:45 AM	22.2	23.4	7.7	46.7	-0.61	-0.57	-42.74	86.7	11.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	10/3/2023 10:58:40 AM	12.7	17.6	8.4	61.3	-0.33	-0.33	-37.00	92.6	8.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	10/18/2023 1:10:42 PM	29.0	28.3	3.5	39.2	-0.38	-0.37	-41.94	96.5	9.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	11/13/2023 2:20:34 PM	27.9	27.5	3.3	41.3	-0.32	-0.28	-48.03	88.8	9.1	Valve Adjustment:Closed valve 1/2 turn or less
OMTLTS15	11/29/2023 8:15:37 AM	34.8	27.0	4.7	33.5	-0.21	-0.22	-47.03	78.6	5.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	12/1/2023 11:09:08 AM	26.2	26.7	8.3	38.8	-0.22	-0.21	-43.52	79.6	6.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	7/3/2023 12:13:45 PM	2.4	13.1	8.9	75.6	-0.81	-0.80	-45.94	68.4	1.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Stat Press ["H2O]	Adj Stat Press ["H2O]	Sys Pressure ["H2O]	Inj Temp [ ]	Init Flow [scfm]	Comments
OMTLTS16	7/26/2023 12:15:41 PM	26.2	20.6	6.6	46.6	-0.60	-0.58	-40.34	75.6	1.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	8/1/2023 1:02:54 PM	18.1	13.7	10.8	57.4	-0.87	-0.71	-38.27	74.3	0.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	8/16/2023 11:51:59 AM	18.0	14.4	11.2	56.4	-0.72	-0.71	-38.04	83.0	1.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	9/15/2023 8:40:01 AM	1.1	3.2	17.2	78.5	-0.61	-0.59	-34.13	59.5	0.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OMTLTS16	9/15/2023 8:42:04 AM	1.1	3.3	17.1	78.5	-0.59	-0.59	-38.27	58.8	0.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	9/26/2023 12:27:49 PM	14.7	18.8	2.0	64.5	-0.37	-0.37	-33.44	80.0	1.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	10/11/2023 9:23:49 AM	30.8	32.8	7.5	28.9	-0.05	-0.04	-13.35	65.7	0.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	10/18/2023 1:16:20 PM	25.4	23.7	12.1	38.8	-0.36	-0.36	-28.67	93.0	0.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	11/13/2023 2:31:18 PM	2.8	3.8	17.6	75.8	-0.25	-0.25	-42.77	67.6	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	11/13/2023 2:32:24 PM	3.0	4.3	17.5	75.2	-0.25	-0.24	-42.54	67.4	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	11/21/2023 1:39:18 PM	4.2	8.5	14.9	72.4	-0.32	-0.32	-31.76	69.4	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	12/1/2023 10:22:43 AM	42.3	29.9	10.3	17.5	-0.28	-0.28	-42.82	63.3	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	7/12/2023 10:33:49 AM	11.5	12.6	9.5	66.4	-0.24	-0.24	-35.70	62.0	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	7/26/2023 12:29:39 PM	13.0	9.2	13.7	64.1	-0.60	-0.58	-42.26	77.1	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	8/1/2023 1:09:28 PM	14.6	10.2	13.1	62.1	-0.56	-0.55	-39.85	70.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	8/16/2023 11:57:49 AM	11.2	9.5	12.2	67.1	-0.58	-0.58	-43.38	83.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	9/7/2023 11:25:31 AM	13.6	12.4	10.2	63.8	-0.64	-0.64	-43.55	76.7	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	9/26/2023 12:24:14 PM	13.9	17.9	2.0	66.2	-0.74	-0.54	-43.31	74.5	8.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	10/3/2023 10:48:33 AM	39.4	32.3	9.3	19.0	-0.37	-0.37	-34.03	79.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	10/17/2023 1:40:44 PM	13.8	18.2	4.3	63.7	-0.46	-0.46	-38.58	80.3	7.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	11/3/2023 1:45:04 PM	8.6	20.5	0.2	70.7	-0.64	-0.50	-39.57	79.6	6.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	11/22/2023 12:57:00 PM	20.4	26.2	0.4	53.0	-0.21	-0.23	-43.48	71.4	1.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	12/1/2023 10:08:05 AM	28.1	27.2	3.9	40.8	-0.38	-0.38	-41.02	65.4	1.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	7/3/2023 12:29:18 PM	44.6	31.1	0.5	23.8	-1.96	-1.57	-16.84	80.2	37.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OMTLTS18	7/24/2023 11:45:55 AM	53.2	35.2	0.2	11.4	-2.05	-2.28	-42.97	73.1	43.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OMTLTS18	8/1/2023 1:12:14 PM	51.5	31.6	0.3	16.6	-2.56	-2.55	-43.50	79.7	45.1	Valve Adjustment:No Change,Valve 35% open
OMTLTS18	8/18/2023 8:12:29 AM	51.4	34.3	0.3	14.0	-3.23	-3.23	-47.52	98.3	45.9	Valve Adjustment:No Change,Valve 35% open
OMTLTS18	9/7/2023 10:49:48 AM	52.2	35.7	0.2	11.9	-3.01	-3.04	-38.71	97.5	47.3	Valve Adjustment:No Change,Valve 40% open
OMTLTS18	9/26/2023 12:33:15 PM	56.9	34.7	0.2	8.2	-2.14	-4.02	-42.26	93.7	41.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OMTLTS18	10/3/2023 10:45:50 AM	40.6	32.5	1.5	25.4	-4.18	-2.22	-36.62	100.2	65.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OMTLTS18	10/17/2023 1:49:03 PM	56.3	37.0	0.2	6.5	-1.48	-2.07	-38.80	85.6	38.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OMTLTS18	10/17/2023 1:50:21 PM	56.8	37.8	0.2	5.2	-2.08	-2.53	-40.25	85.3	46.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OMTLTS18	11/3/2023 1:50:24 PM	39.3	32.4	1.5	26.8	-2.67	-2.17	-42.28	93.9	55.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OMTLTS18	11/22/2023 12:40:58 PM	43.3	33.1	1.3	22.3	-1.94	-1.76	-47.47	91.4	49.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OMTLTS18	12/1/2023 10:13:35 AM	44.8	34.3	1.3	19.6	-1.70	-1.47	-42.83	88.7	45.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OMTLTS19	7/3/2023 12:24:53 PM	16.8	13.7	11.7	57.8	-0.68	-0.60	-17.91	74.9	12.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS19	7/24/2023 11:50:09 AM	34.3	26.1	6.1	33.5	-0.43	-0.43	-43.57	75.0	15.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS19	8/1/2023 1:16:15 PM	34.5	25.7	10.3	29.5	-0.29	-0.29	-40.13	65.5	7.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS19	8/18/2023 8:15:48 AM	27.7	19.0	11.3	42.0	-0.34	-0.34	-43.78	60.4	12.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS19	9/7/2023 10:55:16 AM	54.1	36.1	2.2	7.6	-0.14	-0.18	-45.19	71.8	4.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less

Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Stat Press ["H2O]	Adj Stat Press ["H2O]	Sys Pressure ["H2O]	Init Temp [ ]	Init Flow [scfm]	Comments
OMTLTS19	9/7/2023 11:12:38 AM	56.2	35.6	1.6	6.6	-0.33	-0.52	-44.33	74.1	4.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OMTLTS19	9/26/2023 12:39:07 PM	56.5	35.2	1.3	7.0	-0.64	-0.94	-41.81	78.2	11.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OMTLTS19	10/3/2023 10:42:26 AM	26.7	26.6	2.3	44.4	-0.78	-0.50	-32.51	104.7	10.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OMTLTS19	10/17/2023 1:53:58 PM	51.4	35.9	1.4	11.3	-0.36	-0.39	-37.85	82.8	16.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OMTLTS19	11/3/2023 1:55:56 PM	23.6	27.2	1.7	47.5	-0.58	-0.55	-41.28	86.4	7.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS19	11/22/2023 12:45:09 PM	28.0	28.8	0.9	42.3	-0.57	-0.55	-44.33	81.3	13.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OMTLTS19	12/1/2023 10:30:08 AM	29.0	25.5	4.6	40.9	-0.57	-0.53	-42.58	76.4	15.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS20	7/3/2023 12:20:40 PM	10.2	11.7	11.6	66.5	-0.76	-0.69	-19.94	73.3	15.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS20	7/24/2023 11:56:27 AM	16.5	17.7	8.3	57.5	-0.40	-0.21	-44.16	80.3	19.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OMTLTS20	8/1/2023 1:19:08 PM	44.9	28.1	3.5	23.5	-0.33	-0.33	-40.11	75.6	12.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	8/18/2023 8:22:58 AM	47.1	30.3	4.0	18.6	-0.28	-0.28	-44.23	68.5	7.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	9/7/2023 11:04:10 AM	54.9	35.5	1.3	8.3	-0.14	-0.35	-45.14	74.6	8.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS20	9/7/2023 11:05:15 AM	52.9	34.3	0.9	11.9	-0.28	-0.28	-45.51	77.4	10.0	Valve Adjustment:No Change
OMTLTS20	9/26/2023 12:45:03 PM	16.8	17.5	9.5	56.2	-0.48	-0.46	-42.41	91.1	9.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	10/3/2023 1:15:28 PM	11.3	20.1	6.2	62.4	-0.03	-0.03	-35.43	72.9	5.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	10/17/2023 1:57:30 PM	15.0	18.2	8.7	58.1	-0.19	-0.19	-38.83	88.4	9.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	11/3/2023 2:18:06 PM	5.6	9.4	13.8	71.2	-0.05	-0.04	-41.88	84.5	4.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	11/22/2023 12:49:52 PM	8.2	13.1	11.3	67.4	-0.79	-0.22	-44.88	78.8	19.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	12/1/2023 10:33:03 AM	29.3	26.3	7.1	37.3	-0.17	-0.18	-42.88	71.3	10.7	Valve Adjustment:No Change,Valve at minimum position

Attachment B  
New LTCO GCCS Component Data

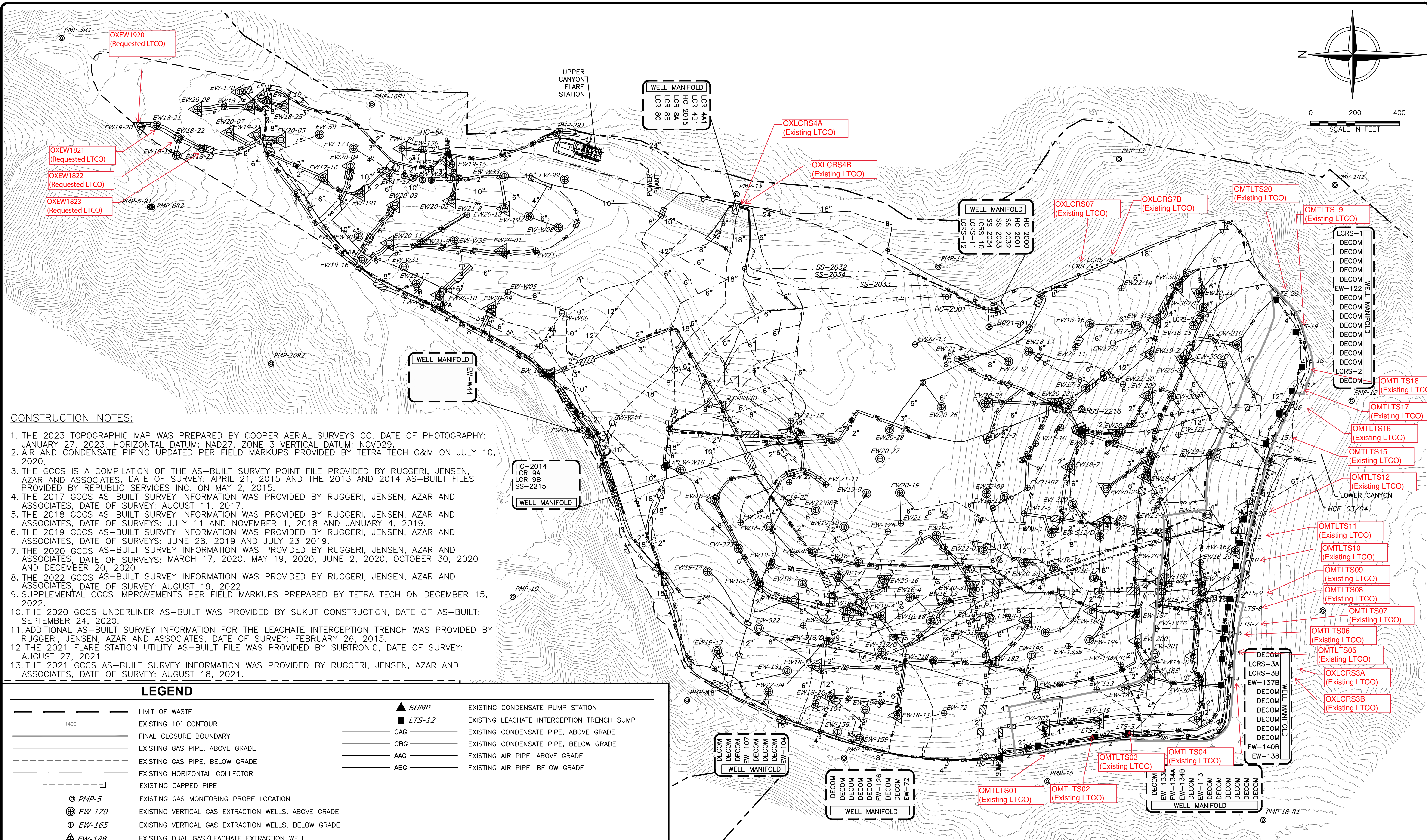
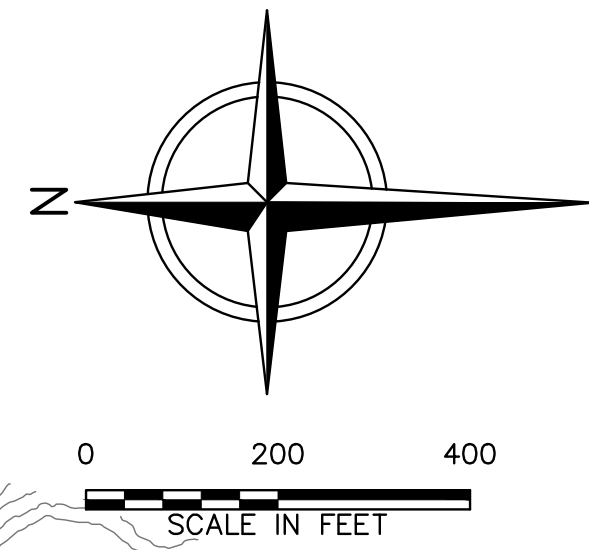
Point ID	Record Date	CH4 [%]	CO2 [%]	O2 [%]	Bal Gas [%]	Init Stat Press ["H2O]	Adj Stat Press ["H2O]	Sys Pressure ["H2O]	Inj Temp [ ]	Init Flow [scfm]	Comments
OXEW1821	1/9/2023 1:26:20 PM	28.0	27.7	0.0	44.3	-0.03	-0.03	-44.00	58.6	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	1/19/2023 12:19:08 PM	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
OXEW1821	2/3/2023 8:29:53 AM	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 2:55:05 PM	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
OXEW1821	3/2/2023 10:40:12 AM	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 2:50:27 PM	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
OXEW1821	4/4/2023 1:32:03 PM	31.4	22.5	0.0	46.1	-0.27	-0.27	-44.66	56.0	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	4/17/2023 12:35:05 PM	27.3	19.6	0.8	52.3	-0.32	-0.32	-46.29	52.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	5/1/2023 8:14:31 AM	34.5	21.5	0.1	43.9	-0.32	-0.25	-46.07	47.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1821	5/9/2023 10:36:51 AM	32.9	22.6	0.3	44.2	-0.09	-0.09	-41.52	59.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	5/18/2023 12:25:56 PM	34.1	20.8	0.2	44.9	-0.11	-0.10	-38.65	64.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	6/9/2023 9:40:05 AM	19.3	23.5	0.0	57.2	-11.44	-0.94	-43.61	60.4	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1821	6/19/2023 9:18:23 AM	23.4	24.3	0.1	52.2	-0.37	-0.33	-46.90	58.3	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1821	6/21/2023 8:10:19 AM	22.8	22.6	0.1	54.5	-0.32	-0.31	-43.82	50.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	7/7/2023 8:35:29 AM	24.8	24.8	0.2	50.2	-0.26	-0.26	-46.62	50.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	7/24/2023 10:40:25 AM	23.4	22.8	0.0	53.8	-0.29	-0.28	-46.88	67.9	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1821	8/3/2023 10:18:40 AM	22.0	22.1	0.3	55.6	-0.27	-0.27	-48.82	55.4	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	8/18/2023 1:45:13 PM	24.5	23.2	0.0	52.3	-0.20	-0.20	-47.19	72.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	9/5/2023 10:36:47 AM	24.7	23.3	0.1	51.9	-0.22	-0.21	-34.09	66.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	9/18/2023 12:45:48 PM	25.8	23.0	0.0	51.2	-0.31	-0.25	-47.17	72.0	0.9	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	10/10/2023 12:12:28 PM	25.5	24.4	0.0	50.1	-0.18	-0.18	-39.40	63.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	10/13/2023 1:24:12 PM	31.8	25.7	0.0	42.5	-0.19	-0.19	-42.26	67.8	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	11/6/2023 10:57:46 AM	25.9	23.5	0.3	50.3	-0.23	-0.23	-41.19	59.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	11/16/2023 1:17:35 PM	28.4	23.6	0.0	48.0	-0.14	-0.14	-48.42	60.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	12/5/2023 10:16:21 AM	27.8	24.6	0.4	47.2	-0.07	-0.06	-28.02	67.2	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	12/18/2023 9:09:57 AM	30.7	23.8	1.8	43.7	-0.08	-0.08	-47.41	55.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	1/9/2023 1:07:24 PM	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 12:10:50 PM	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 12:15:19 PM	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
OXEW1822	2/3/2023 8:46:47 AM	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 10:00:04 AM	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
OXEW1822	3/2/2023 10:37:20 AM	8.5	18.2	1.2	72.1	-0.97	-0.62	-44.05	64.8	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	3/23/2023 2:44:42 PM	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
OXEW1822	4/4/2023 1:29:18 PM	11.3	19.8	0.4	68.5	-0.12	-0.11	-44.85	55.5	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	4/17/2023 12:37:18 PM	21.5	20.8	0.4	57.3	-0.05	-0.05	-46.03	51.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	5/1/2023 8:17:38 AM	11.0	18.9	0.2	69.9	-0.14	-0.14	-45.69	46.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	5/9/2023 10:30:43 AM	15.6	21.6	0.9	61.9	-0.07	-0.07	-41.88	61.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	5/16/2023 10:51:30 AM	10.7	21.5	0.5	67.3	-0.15	-0.15	-46.89	77.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	6/9/2023 9:24:59 AM	15.9	20.3	0.2	63.6	-32.33	-5.47	-43.61	59.5	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

Point ID	Record Date	CH4	CO2	O2	Bal Gas	Init Stat Press	Adj Stat Press	Sys Pressure	Inj Temp	Init Flow	Comments
		[%]	[%]	[%]	[%]	["H2O]	["H2O]	["H2O]	[ ]	[scfm]	
OXEW1822	6/9/2023 9:29:55 AM	16.0	23.0	0.0	61.0	-3.37	-0.99	-43.60	58.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	6/19/2023 9:14:26 AM	15.7	22.6	0.4	61.3	-0.22	-0.17	-46.92	60.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	6/21/2023 8:07:59 AM	15.4	22.9	0.5	61.2	-0.09	-0.09	-43.69	51.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	7/7/2023 8:27:03 AM	15.8	21.9	0.2	62.1	-0.09	-0.09	-46.46	50.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	7/24/2023 10:37:51 AM	12.7	18.1	1.5	67.7	-0.24	-0.24	-47.10	67.4	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	8/3/2023 10:15:59 AM	15.3	22.5	0.4	61.8	-0.11	-0.10	-48.59	55.6	0.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	8/18/2023 1:42:48 PM	13.8	18.3	0.5	67.4	-0.18	-0.18	-47.83	70.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	9/5/2023 10:33:21 AM	15.6	21.2	0.5	62.7	-0.12	-0.12	-35.01	69.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	9/18/2023 12:43:18 PM	19.1	22.9	0.6	57.4	-0.14	-0.13	-47.26	73.4	0.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	10/10/2023 12:10:09 PM	19.9	26.3	0.5	53.3	-0.08	-0.08	-39.69	64.6	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	10/13/2023 1:18:34 PM	16.8	19.3	1.7	62.2	-0.12	-0.12	-42.11	69.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	11/6/2023 10:51:59 AM	16.6	23.2	0.7	59.5	-0.07	-0.07	-40.80	59.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	11/16/2023 1:14:26 PM	18.4	22.5	0.0	59.1	-0.05	-0.05	-48.64	63.2	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	12/13/2023 1:52:17 PM	24.1	23.5	0.3	52.1	-0.02	-0.02	-40.09	65.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	12/18/2023 8:59:09 AM	15.3	22.8	0.0	61.9	-0.05	-0.05	-47.18	54.3	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	1/9/2023 1:12:24 PM	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 12:06:40 PM	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
OXEW1823	2/3/2023 8:50:05 AM	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 10:03:24 AM	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
OXEW1823	3/2/2023 10:28:32 AM	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 2:47:04 PM	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
OXEW1823	4/4/2023 1:26:35 PM	18.6	19.5	0.5	61.4	-0.20	-0.19	-44.68	62.0	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1823	4/17/2023 12:39:53 PM	9.3	19.6	0.3	70.8	-0.13	-0.13	-46.24	54.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	5/1/2023 8:24:58 AM	8.0	18.0	0.1	73.9	-0.13	-0.13	-45.98	46.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	5/4/2023 7:56:40 AM	9.0	21.9	0.4	68.7	-0.10	-0.10	-43.76	51.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	5/9/2023 10:33:27 AM	8.2	19.5	0.2	72.1	-0.12	-0.11	-41.62	64.0	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	5/16/2023 10:56:17 AM	10.5	19.2	0.0	70.3	-41.75	-9.40	-46.91	72.9	2.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW1823	5/16/2023 10:59:32 AM	10.3	18.0	0.0	71.7	-1.13	-0.14	-46.83	79.2	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1823	5/25/2023 8:47:46 AM	11.2	18.2	0.0	70.6	-0.48	-0.29	-45.70	50.6	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1823	6/8/2023 10:24:56 AM	13.6	21.6	0.5	64.3	-27.61	-3.24	-38.10	71.2	3.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1823	6/19/2023 9:10:46 AM	9.6	25.4	1.4	63.6	-0.12	-0.06	-46.58	61.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	6/21/2023 8:05:26 AM	10.3	23.8	0.3	65.6	-0.08	-0.07	-43.48	53.3	0.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	7/7/2023 8:24:33 AM	14.3	23.8	0.2	61.7	-0.02	-0.02	-46.41	51.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	7/24/2023 10:31:51 AM	17.4	24.8	0.3	57.5	-0.06	-0.06	-46.88	70.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	8/3/2023 10:09:30 AM	22.3	23.4	0.5	53.8	-0.01	-0.01	-48.63	57.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	8/18/2023 1:37:06 PM	23.0	23.3	0.2	53.5	-0.05	-0.05	-47.85	79.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	9/5/2023 10:26:46 AM	25.1	24.9	0.1	49.9	-0.05	-0.05	-35.78	80.6	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	9/18/2023 12:37:09 PM	20.5	24.5	0.6	54.4	-0.44	-0.43	-47.41	81.1	0.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	10/10/2023 12:05:44 PM	37.7	29.7	0.9	31.7	-0.22	-0.21	-39.74	70.4	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	10/13/2023 1:10:46 PM	35.7	27.4	0.7	36.2	-0.21	-0.21	-41.39	75.8	0.1	Valve Adjustment:No Change,Valve at minimum position

Point ID	Record Date	CH4	CO2	O2	Bal Gas	Init Stat Press	Adj Stat Press	Sys Pressure	Inj Temp	Init Flow	Comments
		[%]	[%]	[%]	[%]	["H2O]	["H2O]	["H2O]	[ ]	[scfm]	
OXEW1823	11/6/2023 10:49:30 AM	26.6	27.1	0.0	46.3	-0.16	-0.16	-41.37	61.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	11/16/2023 1:25:44 PM	29.6	27.9	0.0	42.5	-0.03	-0.03	-48.18	58.4	0.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	12/5/2023 10:06:02 AM	29.4	26.3	0.4	43.9	-0.04	-0.04	-27.24	69.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	12/18/2023 8:56:19 AM	30.7	26.3	0.1	42.9	-0.06	-0.06	-47.59	55.0	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	1/9/2023 1:29:36 PM	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 12:30:57 PM	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 12:32:21 PM	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 10:34:02 AM	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
OXEW1920	2/3/2023 8:34:17 AM	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 2:19:29 PM	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
OXEW1920	3/2/2023 10:45:46 AM	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 2:53:00 PM	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
OXEW1920	4/4/2023 1:38:42 PM	17.5	20.7	0.2	61.6	-36.49	-29.64	-44.20	56.8	12.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	4/17/2023 12:32:11 PM	20.4	23.5	3.9	52.2	-4.59	-0.94	-46.23	56.4	6.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	5/5/2023 11:25:06 AM	14.8	18.6	2.0	64.6	-0.01	-0.01	-45.05	61.0	3.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	5/5/2023 11:28:45 AM	14.6	18.6	2.3	64.5	-0.02	-0.02	-45.47	60.5	2.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	5/9/2023 10:39:03 AM	19.3	21.7	2.7	56.3	-0.05	-0.08	-41.47	59.1	0.9	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	5/18/2023 12:35:43 PM	20.8	16.5	3.1	59.6	-34.69	-4.74	-38.45	62.6	20.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	6/9/2023 9:49:14 AM	16.1	23.1	1.6	59.2	-34.22	-0.77	-44.19	61.5	17.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	6/19/2023 9:35:53 AM	12.7	23.3	1.6	62.4	-6.01	-0.35	-47.29	60.8	2.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW1920	6/21/2023 8:12:37 AM	13.5	21.6	2.4	62.5	-0.03	-0.03	-43.97	50.2	0.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	7/13/2023 9:31:15 AM	13.3	21.8	1.3	63.6	-26.26	-20.16	-44.35	63.4	20.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	7/13/2023 9:35:16 AM	13.0	22.3	2.5	62.2	-19.98	-1.69	-44.41	63.8	15.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW1920	7/24/2023 10:48:22 AM	11.9	21.5	0.2	66.4	-0.02	-0.02	-46.54	70.7	2.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	8/4/2023 9:26:38 AM	15.1	24.8	0.1	60.0	-0.04	-0.05	-46.60	55.4	1.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	8/18/2023 1:48:56 PM	21.7	19.5	4.4	54.4	-2.22	-0.44	-47.85	69.0	2.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	9/5/2023 10:42:57 AM	21.4	20.1	4.7	53.8	-1.89	-1.89	-34.10	69.7	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	9/18/2023 12:48:32 PM	27.9	24.9	0.1	47.1	-0.06	-0.05	-47.22	71.3	4.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	10/10/2023 12:15:33 PM	24.6	25.6	0.0	49.8	-0.06	-0.08	-39.85	62.2	0.7	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	10/13/2023 1:26:46 PM	23.7	23.3	1.6	51.4	-0.06	-0.06	-42.41	66.7	1.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	11/6/2023 11:00:54 AM	28.7	27.2	0.1	44.0	-0.08	-0.09	-40.68	58.9	1.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	11/29/2023 12:13:29 PM	29.0	25.6	0.2	45.2	-0.05	-0.07	-46.75	71.4	1.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	12/5/2023 10:19:05 AM	35.2	28.9	0.0	35.9	-0.78	-0.78	-29.09	69.3	0.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	12/18/2023 9:16:26 AM	36.2	28.4	0.0	35.4	-0.22	-0.26	-47.56	54.4	1.4	Valve Adjustment:No Change,Valve at minimum position

Attachment C  
Facility As-Built with LTCO Well Locations





**CONSTRUCTION NOTES:**

1. THE 2023 TOPOGRAPHIC MAP WAS PREPARED BY COOPER AERIAL SURVEYS CO. DATE OF PHOTOGRAPHY: JANUARY 27, 2023. HORIZONTAL DATUM: NAD27, ZONE 3 VERTICAL DATUM: NGVD29.
2. AIR AND CONDENSATE PIPING UPDATED PER FIELD MARKUPS PROVIDED BY TETRA TECH O&M ON JULY 10, 2020.
3. THE GCCS 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 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 11, 2017.
5. THE 2018 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JULY 11 AND NOVEMBER 1, 2018 AND JANUARY 4, 2019.
6. THE 2019 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JUNE 28, 2019 AND JULY 23 2019.
7. THE 2020 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: MARCH 17, 2020, MAY 19, 2020, JUNE 2, 2020, OCTOBER 30, 2020 AND DECEMBER 20, 2020.
8. THE 2022 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 19, 2022.
9. SUPPLEMENTAL GCCS IMPROVEMENTS PER FIELD MARKUPS PREPARED BY TETRA TECH ON DECEMBER 15, 2022.
10. THE 2020 GCCS UNDERLINER AS-BUILT WAS PROVIDED BY SUKUT CONSTRUCTION, DATE OF AS-BUILT: SEPTEMBER 24, 2020.
11. ADDITIONAL AS-BUILT SURVEY INFORMATION FOR THE LEACHATE INTERCEPTION TRENCH WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: FEBRUARY 26, 2015.
12. THE 2021 FLARE STATION UTILITY AS-BUILT FILE WAS PROVIDED BY SUBTRONIC, DATE OF SURVEY: AUGUST 27, 2021.
13. THE 2021 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 18, 2021.

**LEGEND**

	LIMIT OF WASTE		SUMP
	EXISTING 10' CONTOUR		EXISTING LEACHATE INTERCEPTION TRENCH SUMP
	FINAL CLOSURE BOUNDARY		EXISTING CONDENSATE PIPE, ABOVE GRADE
	EXISTING GAS PIPE, ABOVE GRADE		EXISTING CONDENSATE PIPE, BELOW GRADE
	EXISTING GAS PIPE, BELOW GRADE		EXISTING AIR PIPE, ABOVE GRADE
	EXISTING HORIZONTAL COLLECTOR		EXISTING AIR PIPE, BELOW GRADE
	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 BLIND FLANGE		
	EXISTING REDUCER FITTING		

**FINAL - RECORD DRAWINGS**

		OX MOUNTAIN LANDFILL SAN MATEO COUNTY, CALIFORNIA		SHEET NO. <b>1</b>
2021 FLARE STATION UTILITY AS-BUILT AS-BUILT SITE PLAN		PROJECT NO. 210032		

File: X:\PROJECTS\OX MOUNTAIN\AREA DRAWINGS\2023\_GCCS AS-BUILT\DRAWINGS.dwg Layout: SHEET 1 User: GERARDO PAREDES Date: 06/06/2023 5:00pm

This drawing represents intellectual property of Tetra Tech. Any modification to the original by other than Tetra Tech personnel violates its original purpose and as such is rendered void. Tetra Tech will not be held liable for any changes made to this document without express written consent of the originator.

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
02/28/22		DESIGNED BY SEY		APPROVED BY PJS		

Attachment D  
BAAQMD Forms & Pollutant Flow Diagram

Ox Mountain Landfill  
Change of Permit Conditions Request - Less Than Continuous Operation Petition  
Pollutant Flow Diagram



<b>FACILITY NAME:</b> Ox Mountain Landfill	<b>FACILITY ID:</b> A2266
--	---------------------------

<b>◆ DISTRICT USE ONLY ◆</b>	
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: Kathryn Tekulve, 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: <u>Petition for Less than Continuous Operation (LTCO) for landfill gas wells and components at Ox Mountain, in accordance with BAAQMD Regulation 8, Rule 34, Section 404.</u>	
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**

**Stationary Source  
Summary**  
Page 2

<b>FACILITY NAME:</b> Ox Mountain Landfill	<b>FACILITY ID:</b> A2266
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**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 checked="" type="checkbox"/> Minor Permit Modification	Major Facility Review Permit for Facility A2266	May 16, 2026
<input type="checkbox"/> Administrative Amendment		

**III. DESCRIPTION OF PERMIT ACTION**

1. Does the permit action requested involve:	<input type="checkbox"/> Temporary Source <input type="checkbox"/> Acid Rain Source <input type="checkbox"/> CEM's <input checked="" type="checkbox"/> Source Subject to MACT Requirements [Section 112] <input type="checkbox"/> Source Subject to Enhanced Monitoring	<input type="checkbox"/> Voluntary Emissions Caps <input type="checkbox"/> Alternative Operating Scenarios <input type="checkbox"/> Abatement Devices
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: <u>Petition for Less than Continuous Operation (LTCO) for landfill gas wells and components at Ox Mountain, in accordance with BAAQMD Regulation 8, Rule 34, Section 404.</u>		

*Kathryn Tekulve*

**Kathryn Tekulve**

Signature of Responsible Official

Print Name of Responsible Official

**General Manager**

Title of Responsible Official and Company Name

Date: 01/12/2024



**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

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**1. Application Information**

BAAQMD Plant No. A2266 Company Name Browning-Ferris Industries of California, Inc.  
 Equipment/Project Description Less Than Continuous Operation (LTCO) Petition

**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 Nat Israel Title Compliance Specialist  
 Mail Address 21700 Copley Drive, Suite 200  
 City Diamond Bar State CA Zip Code 91765  
 Telephone (530) 409-0225 Fax ( ) Email Nat.Israel@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:

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- B. List and describe any other permits or agency approvals required for this project by city, regional, state or federal agencies:

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N/A

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- 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)*

Kathryn Tekulve

General Manager

*Kathryn Tekulve*

01/12/2024

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.**

Browning-Ferris Industries of CA Inc  
12310 San Mateo Road  
Half Moon Bay, CA 94019

DATA UPDATE FORM

S# 1 LOS TRANCOS CANYON LANDFILL - WASTE DECOMPOSITIO \*\*\*

Landfill gas (1-G7145511)  
12-month throughput, thou cubic feet . . . . . 4,375,166.13  
For period ending (date) . . . . . December 31, 2021

Max throughput rate: 432 thou cubic feet/hr  
NOTE: Total 12-month throughput includes Ameresco LFGTE flows as reported by Ameresco.

Landfill (1-G7145580)  
Current landfill volume, tons-in-place . . . . . Without fire waste: 27,511,629.64  
With Fire Waste: 27,553,077.87  
For period ending (date) . . . . . December 31, 2021

NOTE ... landfill volume reported as 'tons-in-place'

Complete Form X, Part 2, for any other material used in this source.

S# 12 STOCKPILE OF GREEN WASTE \*\*\*\*\*

Wood - other/not spec (12-G1034305)  
12-month throughput, tons . . . . . 0.00  
For period ending (date) . . . . . December 31, 2021

Max throughput rate: 60 tons/hr

Complete Form X, Part 2, for any other material used in this source.

S# 21 LOS TRANCOS CANYON LANDFILL - WASTE AND COVER MA \*\*

Solid waste - other/not spec (21-G8110466)  
12-month throughput, tons . . . . . without fire waste 946,854.9  
with fire waste 986,643.4  
For period ending (date) . . . . . December 31, 2021

Max throughput rate: 359.8 tons/hr

Complete Form X, Part 2, for any other material used in this source.



Browning-Ferris Industries of CA Inc  
12310 San Mateo Road  
Half Moon Bay, CA 94019

DATA UPDATE FORM

S# 22 LOS TRANCOS CANYON LANDFILL - EXCAVATING, BULLDO \*\*

Solid waste - other/not spec	(22-G8100466)	
12-month throughput, tons		<u>78,234</u>
For period ending (date)		<u>December 31, 2021</u>
Max throughput rate: 359.8 tons/hr		

Complete Form X, Part 2, for any other material used in this source.

S# 23 PORTABLE PROPANE ENGINE POWERING TIPPER NO.11020 \*\*

LPG	(23-C24AF160)	
12-month consumption, thou gal		<u>0.00</u>
For period ending (date)		<u>December 31, 2021</u>
Sulfur content of this fuel (typical), wt %		<u>N/A</u>
Max usage rate for this fuel: .01318 thou gal/hr		

Complete Form X, Part 1, for any other fuel burned at this source.

S# 26 DIESEL POWERED LANDFILL TIPPER ENGINE \*\*\*\*\*

Standard Industrial Classification (SIC) number		<u>4953</u>
Diesel fuel	(26-C22AG098)	
12-month consumption, gallons		<u>1,668.2</u>
<small>Note: 12-Month consumption is based on January 2021 through December 2021</small>		
For period ending (date)		<u>November 30, 2021</u>
Sulfur content of this fuel (typical), wt %		<u>0.0015%</u>
Max usage rate for this fuel: 7.75 gallons/hr		
Heat content of this fuel, BTU/gallons		<u>128,748 Btu/gal</u>
Use of this fuel during Dec-Feb, % of yearly total		<u>14.52%</u>
Use of this fuel during Mar-May, % of yearly total		<u>31.35%</u>
Use of this fuel during Jun-Aug, % of yearly total		<u>35.20%</u>
Use of this fuel during Sep-Nov, % of yearly total		<u>18.93%</u>

Complete Form X, Part 1, for any other fuel burned at this source.

A2266

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

PLANT# 2266-3  
DEC 31, 2021

Browning-Ferris Industries of CA Inc  
12310 San Mateo Road  
Half Moon Bay, CA 94019

DATA UPDATE FORM

A# 9 LANDFILL GAS FLARE \*\*\*\*\*

Landfill gas (-9-C8530511)

12-month consumption, thou cu ft . . . . . 42,190.52

For period ending (date) . . . . . December 31, 2021

Sulfur content of this fuel (typical): 22 PPM (vol)

Complete Form X, Part 1, for any other fuel burned at this source.

A# 7 LANDFILL GAS FLARE \*\*\*\*\*

Landfill gas (-7-C8540511)

12-month consumption, thou cu ft . . . . . 780,419.48

For period ending (date) . . . . . December 31, 2021

Sulfur content of this fuel (typical): 22 PPM (vol)

Browning-Ferris Industries of CA Inc  
12310 San Mateo Road  
Half Moon Bay, CA 94019

DATA UPDATE FORM

S# 1 LOS TRANCOS CANYON LANDFILL - WASTE DECOMPOSITIO \*\*\*

Landfill gas (1-G7145511)

12-month throughput, thou cubic feet . . . . . 3,943,402.77  
For period ending (date) . . . . . December 31, 2022  
Max throughput rate: 432 thou cubic feet/hr

Landfill (1-G7145580)

Current landfill volume, tons-in-place . . . . . Without fire waste: 28,024,639.64  
With Fire Waste: 28,066,088.16  
For period ending (date) . . . . . December 31, 2022

NOTE ... landfill volume reported as 'tons-in-place'

Complete Form X, Part 2, for any other material used in this source.

S# 12 STOCKPILE OF GREEN WASTE \*\*\*\*\*

Wood - other/not spec (12-G1034305)

12-month throughput, tons . . . . . 0.00  
For period ending (date) . . . . . December 31, 2022  
Max throughput rate: 60 tons/hr

Complete Form X, Part 2, for any other material used in this source.

S# 21 LOS TRANCOS CANYON LANDFILL - WASTE AND COVER MA \*\*

Solid waste - other/not spec (21-G8110466)

12-month throughput, tons . . . . . 1,031,088.56  
For period ending (date) . . . . . December 31, 2022  
Max throughput rate: 359.8 tons/hr

Complete Form X, Part 2, for any other material used in this source.

Browning-Ferris Industries of CA Inc  
12310 San Mateo Road  
Half Moon Bay, CA 94019

DATA UPDATE FORM

S# 22 LOS TRANCOS CANYON LANDFILL - EXCAVATING, BULLDO \*\*

Solid waste - other/not spec (22-G8100466)

12-month throughput, tons . . . . . 518,078.27

For period ending (date) . . . . . December 31, 2022

Max throughput rate: 359.8 tons/hr

Complete Form X, Part 2, for any other material used in this source.

S# 23 PORTABLE PROPANE ENGINE POWERING TIPPER NO.11020 \*\*

LPG (23-C24AF160)

12-month consumption, thou gal . . . . . 0.00

For period ending (date) . . . . . December 31, 2022

Sulfur content of this fuel (typical), wt % . . . N/A

Max usage rate for this fuel: .01318 thou gal/hr

Complete Form X, Part 1, for any other fuel burned at this source.

S# 26 DIESEL POWERED LANDFILL TIPPER ENGINE \*\*\*\*\*

Diesel fuel (26-C22AG098)

12-month consumption, gallons . . . . . 2,576.20

For period ending (date) . . . . . December 31, 2022

Sulfur content of this fuel (typical), wt % . . . 0.001%

Max usage rate for this fuel: 7.75 gallons/hr

Complete Form X, Part 1, for any other fuel burned at this source.

Browning-Ferris Industries of CA Inc  
12310 San Mateo Road  
Half Moon Bay, CA 94019

DATA UPDATE FORM

A# 9 LANDFILL GAS FLARE \*\*\*\*\*

Landfill gas	(-9-C8530511)	
12-month consumption, thou cu ft	. . . . .	<u>31,324.50</u>
For period ending (date)	. . . . .	<u>December 31, 2022</u>
Sulfur content of this fuel (typical): 22 PPM (vol)		

Complete Form X, Part 1, for any other fuel burned at this source.

A# 7 LANDFILL GAS FLARE \*\*\*\*\*

Landfill gas	(-7-C8540511)	
12-month consumption, thou cu ft	. . . . .	<u>680,993.69</u>
For period ending (date)	. . . . .	<u>December 31, 2022</u>
Sulfur content of this fuel (typical): 22 PPM (vol)		



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.

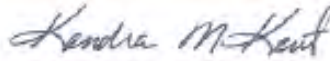
Should you have any questions or comments regarding this submittal or require further information, please contact Kendra Kent at (520) 526-7270.

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

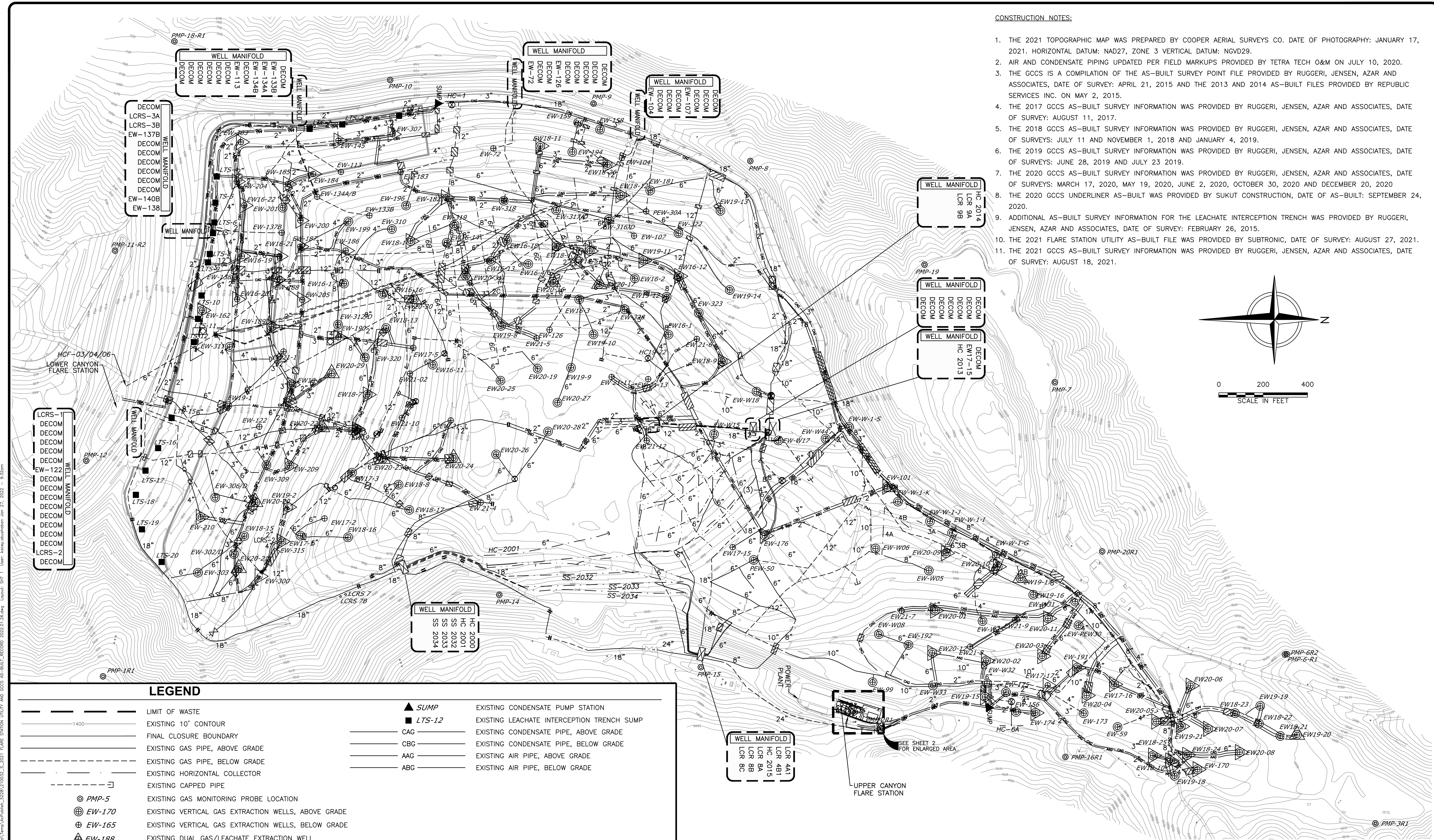
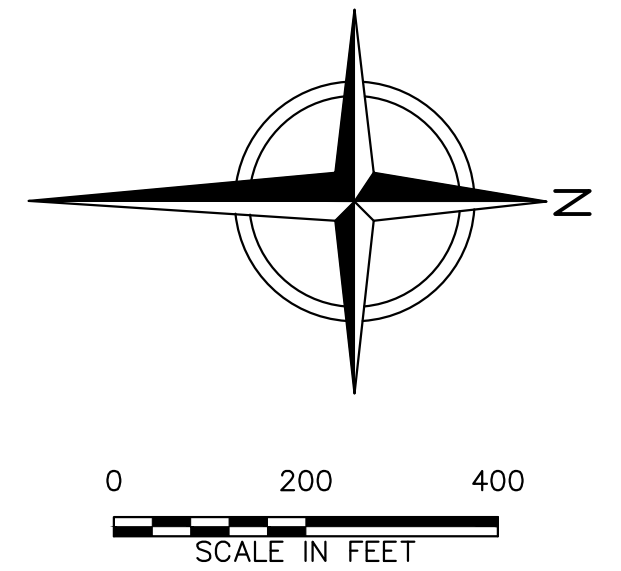
cc: Kelly McDonnell, BFIC  
Ben Wade, BFIC  
Travis Armstrong, BFIC

# 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: NGVD29.
2. AIR AND CONDENSATE PIPING UPDATED PER FIELD MARKUPS PROVIDED BY TETRA TECH O&M ON JULY 10, 2020.
3. THE GCCS 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 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 11, 2017.
5. THE 2018 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JULY 11 AND NOVEMBER 1, 2018 AND JANUARY 4, 2019.
6. THE 2019 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JUNE 28, 2019 AND JULY 23 2019.
7. THE 2020 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: MARCH 17, 2020, MAY 19, 2020, JUNE 2, 2020, OCTOBER 30, 2020 AND DECEMBER 20, 2020.
8. THE 2020 GCCS UNDERLINER AS-BUILT WAS PROVIDED BY SUKUT CONSTRUCTION, DATE OF AS-BUILT: SEPTEMBER 24, 2020.
9. ADDITIONAL 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 SUBTRONIC, DATE OF SURVEY: AUGUST 27, 2021.
11. THE 2021 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 18, 2021.



LEGEND

	LIMIT OF WASTE		SUMP	EXISTING CONDENSATE PUMP STATION
	EXISTING 10' CONTOUR		LTS-12	EXISTING LEACHATE INTERCEPTION TRENCH SUMP
	FINAL CLOSURE BOUNDARY		CAG	EXISTING CONDENSATE PIPE, ABOVE GRADE
	EXISTING GAS PIPE, ABOVE GRADE		CBG	EXISTING CONDENSATE PIPE, BELOW GRADE
	EXISTING GAS PIPE, BELOW GRADE		AAG	EXISTING AIR PIPE, ABOVE GRADE
	EXISTING HORIZONTAL COLLECTOR		ABG	EXISTING AIR PIPE, BELOW GRADE
	EXISTING CAPPED PIPE		PMP-5	EXISTING GAS MONITORING PROBE LOCATION
	EXISTING REMOTE WELLHEAD		EW-170	EXISTING VERTICAL GAS EXTRACTION WELLS, ABOVE GRADE
	EXISTING CONTROL VALVE		EW-165	EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE
	EXISTING FLANGE CONNECTION		EW-188	EXISTING DUAL GAS/LEACHATE EXTRACTION WELL
	EXISTING BLIND FLANGE		EW16-22	EXISTING DUAL CASING GAS/LEACHATE EXTRACTION WELL
	EXISTING REDUCER FITTING			EXISTING ROAD CROSSING

FINAL - RECORD DRAWINGS

		OX MOUNTAIN LANDFILL SAN MATEO COUNTY, CALIFORNIA		SHEET NO. <b>1</b>
2021 FLARE STATION UTILITY AS-BUILT AS-BUILT SITE PLAN		PROJECT NO. 210032		
REV: _____ DATE OF ISSUE: 01/27/21	DRAWN BY: SEY/GVP/KJA DESIGNED BY: SEY	CHECKED BY: AMN APPROVED BY: PJS		

File: C:\Users\joseph.dunham\OneDrive\Documents\2021\01\2021\_01\_26\_4mg Layout: SHEET 1 User: joseph.dunham Jan 27, 2022 9:32am

## 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 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	129.2	-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	OXEW1807	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	OXEW1807	5/23/2022 12:23:19 PM	52.0	40.2	0.7	7.1	132.0	130.4	132.0	-17.17	-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	OXEW1807	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	OXEW1807	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	OXEW1807	6/14/2022 12:48:08 PM	59.0	40.7	0.2	0.1	130.4	130.3	130.4	-1.69	-1.61	-1.61	0.649	0.728	22.9	24.3	-37.55	Valve Adjustment:No Change
Ox Mountain Sanitary Landfill	OXEW1807	6/28/2022 10:00:55 AM	58.7	41.3	0.0	0.0	131.8	131.8	131.8	-0.78	-0.08	-0.08	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	OXEW1807	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,Valve 20% open
Ox Mountain Sanitary Landfill	OXEW1807	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	OXEW1807	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:Opened valve 1/2 turn or less,Valve 30% open
Ox Mountain Sanitary Landfill	OXEW1807	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:Opened valve 1/2 turn or less,Valve 30% open
Ox Mountain Sanitary Landfill	OXEW1807	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	OXEW1807	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	-43.60	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 30% open
Ox Mountain Sanitary Landfill	OXEW1807	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	OXEW1807	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	OXEW1807	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	OXEW1807	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	OXEW1807	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:Opened valve 1/2 turn to 1 turn,Valve 25% open
Ox Mountain Sanitary Landfill	OXEW1807	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	OXEW1807	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	OXEW1807	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	OXEW1807	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	OXEW1807	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	OXEW1807	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	OXEW1807	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	OXEW1807	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	OXEW1807	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	OXEW1807	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	OXEW1807	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]	Init 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 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:NSPS/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:NSPS,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:NSPS/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	-48.68	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]	Init 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	-52.66	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	132.0	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 [%]	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	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:NSPS/CAI,Opened 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:NSPS/CAI,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	5.869	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:NSPS/CAI,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:NSPS/CAI,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:NSPS/CAI,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:NSPS/CAI,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 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	7/8/2022 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 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	5/3/2022 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 to 1 turn,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 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	
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	102.3	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	6/9/2022 10:48:04 AM	57.4	42.5	0.1	0.0	129.9	129.9	129.9	-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	3.1	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	12.855	12.340	217.6	213.6	-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	21.0	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
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**◆ 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
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**II. TYPE OF PERMIT ACTION**

	<b>CURRENT PERMIT (permit number)</b>	<b>EXPIRATION (date)</b>
<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: <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:
Higher operating value (HOV) of 145 degrees Fahrenheit at twelve vertical landfill gas (LFG) extraction wells.

  
 \_\_\_\_\_  
 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.  NA
- 17. If commercial, indicate the type, whether neighborhood, city or regionally oriented, square footage of sales area, and loading facilities.  NA
- 18. If industrial, indicate type, estimated employment per shift, and loading facilities  NA
- 19. If institutional, indicate the major function, estimated employment per shift, estimated occupancy, loading facilities, and community benefits to be derived from the project.  NA
- 20. If the project involves a variance, conditional use or rezoning application, state this and indicate clearly why the application is required.  NA

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.

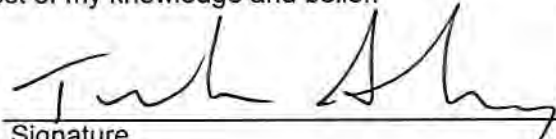
34. Describe the surrounding properties, including information on plants and animals and any cultural, historical or scenic aspects. Indicate the type of land use (residential, commercial, etc.), intensity of land use (one-family, apartment houses, shops, department stores, etc.), and scale of development (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

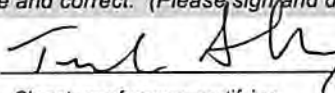
C. List and describe all other prior or current projects for which either of the following statements is true: (1) the project that is the subject of this application could not be undertaken without the project listed below, (2) the project listed below could not be undertaken without the project that 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

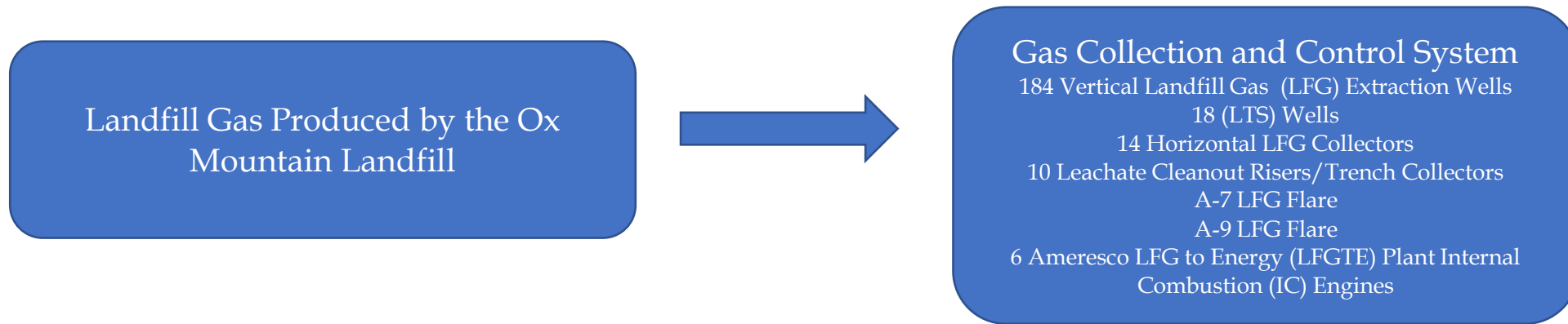
Send all application materials to the BAAQMD Engineering Division, 375 Beale Street, Suite 600, San Francisco, CA 94105.

# ATTACHMENT D

## POLLUTANT FLOW DIAGRAM

# Ox Mountain Landfill

Change of Permit Conditions Request - Higher Operating Value for Temperature  
Pollutant Flow Diagram





**BAY AREA AIR QUALITY  
MANAGEMENT DISTRICT**  
375 Beale Street, Suite 600  
San Francisco, CA 94105  
(415) 771-6000 WWW.BAAQMD.GOV

**Facility ID 2266**  
**Renewal No. 695385**

## **Data Update**

Printed: Dec 04, 2023  
Return by: Mar 01, 2024

**TO: PERMITTED OPERATOR**  
Browning-Ferris Industries of CA Inc  
12310 San Mateo Road  
Half Moon Bay, CA 94019-4019  
ATTN: Travis Armstrong , General Manager

Please direct inquiries to:  
BAAQMD Engineering Division  
Nimrat Sandhu  
Tel: (415) 749-8604  
nsandhu@baaqmd.gov

### **Permitted Address for Facility ID 2266**

Browning-Ferris Industries of CA Inc  
12310 San Mateo Road  
Half Moon Bay, CA, 94019-4019

## **Annual Update Process Overview**

---

### **What Is This Data Update Request?**

The BAAQMD requires you to provide the information to satisfy the CARB (California Air Resources Board) and U.S. EPA (United States Environmental Protection Agency) requirements for annual reports of emissions of air contaminants. The information you furnish will be used to:

- Update your facility's emissions inventory
- Calculate the permit renewal fees for your facility
- Verify compliance with applicable regulations and permit conditions
- Comply with the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588)

The authority for requesting this information is contained in BAAQMD Regulation 1, Section 441, Health & the California Safety Code Section 42303 & 44300, et. al.

### **Which Devices/Sources Will I Need To Provide Information?**

You will be asked to provide information for all devices/sources that currently hold a Permit to Operate at the time this questionnaire was printed. You will not be asked for equipment that is exempt from permits, is registered or currently holds an Authority to Construct permit.

**Where do I return the Data Update Form(s)?**

Return form(s) by mail to:

BAAQMD  
375 Beale Street, Suite 600  
San Francisco, CA 94105  
Attn: Data Update Forms

**What Information Will I Need To Provide?**

Typically, you will be asked to provide applicable material usage for each device that causes air pollution for a previous 12-month period and end date of that period. Examples of material usage include solvents used, coatings applied or fuel burned.

**Are There Any Penalties for Not Submitting Data?**

Not submitting data is a violation of Regulation 1, Section 441, and will subject the owner/operator to further action. Actions may be any or all of the following:

- Withholding of the renewed Permit to Operate
- Issuance of Notice to Comply (NTC)
- Issuance of Notice of Violation (NOV) which may result in fines
- Revocation of Permit to Operate
- Withholding of other District services

**What Is The Next Step To Renew My Permit?**

If you submit the update on-time, you should receive an invoice to renew your permit between 30 to 60 days from the date the permit expires.

**What If I Need to Make Changes To The Permit?**

Submit the appropriate BAAQMD form if you need to notify BAAQMD of the following activity:

- Update owner, operator or billing contact information - [Facility Contacts Form](#)
- Transfer of ownership (change of owning entity) - [Transfer of Ownership Form](#)
- Device/source or facility shutdown - [Device and Facility Shutdown Form](#)

Forms are located at [permits.baaqmd.gov](https://permits.baaqmd.gov) or call 415-749-8665.

Instructions: Complete all fields labeled "Enter" for each device. Certify and return each page where you entered information. Return the pages by the due date. Keep a copy for your records.

Enter the ending date for the 12-month reporting period for this update. The end date must be within 6 months prior to the date you submit these forms.

12/31/2023 (mm/dd/yy)

Device	Material	Last Reported Usage	Enter 12-month Net Usage	Units
S1 Los Trancos Canyon Landfill - Waste Decomposition Process Equipped with Active Gas Collection System	Landfill gas	3943403	2,551,731.69	Thousand Cubic Feet
	Landfill	539311		Tons-In-Place With Fire Waste: 28,586,013.00 Without Fire Waste: 28,526,564.48
A7 Landfill Gas Flare	Landfill gas	680993.8	686,106.56	Thousand Cubic Feet
A9 Landfill Gas Flare	Landfill gas	31324.5	33,491.91	Thousand Cubic Feet
S12 Stockpile of Green Waste	Wood -other/not spec	0	0	Tons
S21 Los Trancos Canyon Landfill - Waste and Cover Material Dumping	Solid waste -other/not spec	1057389	852,080.84	Tons
S22 Los Trancos Canyon Landfill - Excavating, Bulldozing, and Compacting Activities	Solid waste -other/not spec	518078.3	350,156	Tons
S23 Portable Propane Engine powering Tipper No.110209	LPG	0	0	Thousand Gallons
S26 Diesel Powered Landfill Tipper Engine	Diesel fuel	2.5762	1.368	Thousand Gallons

I hereby certify that I am authorized to complete this form for the facility and that all information contained herein is true and correct.

Print Name

Title

Signature

Date

Phone



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

12/4/2023

**Subject:** Invitation to Air District's Online Permitting System


Dear Facility Contact,

You are receiving this mailer because the permit for the facility referenced below is eligible for online activities, such as submitting a Permit Application, an Annual Data Update, or making payments on application or renewal invoices, but you must first create a user account.

For security purposes, as an official contact for Browning-Ferris Industries of CA Inc (Facility ID 2266), you have been provided a Facility Access Code to link this facility when you create your user account.

**Facility Access Code: RQK85ZZB**

**To create (sign up for) a user account:**

- Using an internet browser, go to <http://permits.baaqmd.gov>.
- Click on the [Online Permitting System page](#) link within the How to Apply section
- Click the LOGIN button within the Online Permitting System 
- Follow the instructions to create your account and authenticate your e-mail address.
- The Facility Access Code can be entered under 'Link an Existing Facility' after creating your account.

A Facility Access Code can only be used once. If you need another access code, please e-mail your request to [Permithelp@baaqmd.gov](mailto:Permithelp@baaqmd.gov) (preferred) **with your Name and Facility number**. If you have any questions about using an access code, please call us at (415) 749-8665.

**Notes:**

- A user has full access to the facility. The Air District does not take any responsibility for those with whom you choose to share access.
- Please review that the contact information for your facility is correct.
- To make any payments, please go to <https://myaironline.baaqmd.gov/account/findPayInvoice>.
- More information is located at [Permits.BAAQMD.gov](https://Permits.BAAQMD.gov).

Thank you for using the Air District's new online permitting system.

Sincerely,

Bay Area Air Quality Management District



**From:** [Israel, Nat](#)  
**To:** [Nimrat Sandhu](#)  
**Cc:** [Mcdonnell, Kelly](#); [Kent, Kendra](#); [Rawlings, Tristan](#)  
**Subject:** RE: CTR Reporting for Facility Plant #A2266 (Ox Mountain Landfill)  
**Date:** Monday, March 4, 2024 11:34:12 AM  
**Attachments:** [image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)

---

Hi Nimrat,

The remaining gas was combusted by the Ameresco Landfill Gas to Energy Facility which has their own PTO and completes their own annual update. The Ameresco throughput is included in the total LFG production. Please let us know if you have any other questions.

Device ID	Total LFG Throughput Volume (scf)
A-7 Flare	686,106,563.5
A-8 Flare	0.0
A-9 Flare	33,491,912.0
Ameresco Engine Plant	1,832,133,217.0
Total	2,551,731,691.5

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  
San Jose, CA | [tetrattech.com](http://tetrattech.com)

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---

**From:** Nimrat Sandhu <nsandhu@baaqmd.gov>  
**Sent:** Monday, March 4, 2024 9:18 AM  
**To:** Israel, Nat <Nat.Israel@tetrattech.com>  
**Subject:** RE: CTR Reporting for Facility Plant #A2266 (Ox Mountain Landfill)

Nat,

Just confirming the landfill gas throughputs you provided in the annual update. So while the landfill source lists > 2.5 billion scf of landfill gas, the landfill gas captured and combusted in the flares is only 0.7 billion scfs? Does that mean that 1.8 billion scfs was fugitive?

Thanks,  
Nimrat

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>

**Sent:** Friday, March 1, 2024 3:03 PM

**To:** BAAQMD Data Update <[dataupdate@baaqmd.gov](mailto:dataupdate@baaqmd.gov)>

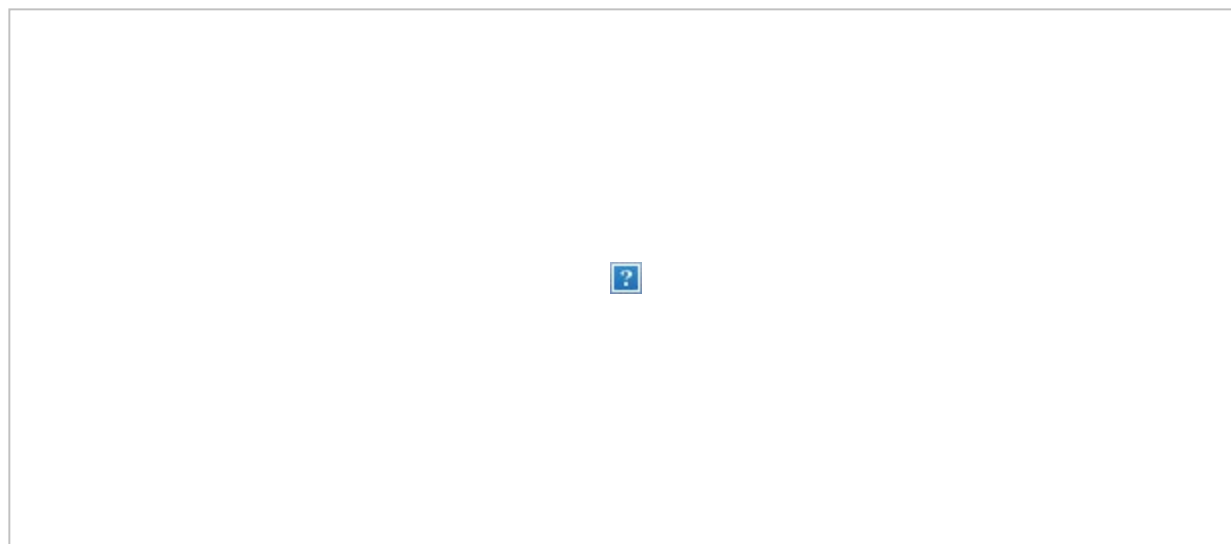
**Cc:** Tamiko Endow <[TEndow@baaqmd.gov](mailto:TEndow@baaqmd.gov)>; Nimrat Sandhu <[nsandhu@baaqmd.gov](mailto:nsandhu@baaqmd.gov)>; Mcdonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>

**Subject:** CTR Reporting for Facility Plant #A2266 (Ox Mountain Landfill)

**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,

On behalf of Browning-Ferris Industries of California, Inc. (BFIC) the owner and operator of the Ox Mountain Landfill (Facility A2266), Tetra Tech is providing the enclosed Annual Data Update dated December 4, 2023 in addition to the submittal completed online by BFIC (screenshot below). This is for confirmation and data verification purposes only and the form is not signed. Please let us 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  
San Jose, CA | [tetratech.com](http://tetratech.com)

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## Rawlings, Tristan

---

**From:** Israel, Nat  
**Sent:** Friday, March 15, 2024 3:31 PM  
**To:** 'compliance@baaqmd.gov'; 'Raymond Salalila'  
**Cc:** Mcdonnell, Kelly; KTekulve@republicservices.com; Kent, Kendra; Pankenier, Suzan; Rawlings, Tristan  
**Subject:** Ox Mountain Landfill 2023 Annual Landfill Methane Rule Report - SWIS Number 41-AA-002 PART 2 of 2  
**Attachments:** Ox Mountain 2023 LMR Annual Report\_Final\_Part 2.pdf

Hello,

Please see the attached Part 2 of 2 of the Ox Mountain Landfill 2023 Annual Landfill Methane Rule Report. Please let us know if you have any questions.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
San Jose, CA | [tetratech.com](https://www.tetratech.com)

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---

**From:** Israel, Nat  
**Sent:** Friday, March 15, 2024 3:29 PM  
**To:** 'compliance@baaqmd.gov' <compliance@baaqmd.gov>; 'Raymond Salalila' <RSalalila@baaqmd.gov>  
**Cc:** 'Mcdonnell, Kelly' <KMcdonnell@republicservices.com>; 'KTekulve@republicservices.com' <ktekulve@republicservices.com>; Kent, Kendra <Kendra.Kent@tetratech.com>; Pankenier, Suzan <Suzan.Pankenier@tetratech.com>  
**Subject:** RE: Ox Mountain Landfill 2023 Annual Landfill Methane Rule Report - SWIS Number 41-AA-002 PART 1 of 2

Hello,

Please disregard the previous document as signatures we not included. Please see the attached Part 1 of 2 of the Ox Mountain Landfill 2023 Annual Landfill Methane Rule Report.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)

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San Jose, CA | [tetratech.com](https://www.tetratech.com)

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---

**From:** Israel, Nat

**Sent:** Friday, March 15, 2024 3:25 PM

**To:** 'compliance@baaqmd.gov' <[compliance@baaqmd.gov](mailto:compliance@baaqmd.gov)>; 'Raymond Salalila' <[RSalalila@baaqmd.gov](mailto:RSalalila@baaqmd.gov)>

**Cc:** 'Mcdonnell, Kelly' <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Pankenier, Suzan <[Suzan.Pankenier@tetrattech.com](mailto:Suzan.Pankenier@tetrattech.com)>

**Subject:** RE: Ox Mountain Landfill 2023 Annual Landfill Methane Rule Report - SWIS Number 41-AA-002 PART 1 of 2

Hello,

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (SWIS Number 41-AA-002), Tetra Tech is submitting the attached 2023 Annual Landfill Methane Rule Report for your review. This is the first of two emails due to the size of the report. If you could confirm your receipt of the report, it would be very much appreciated. This report has already been submitted to CARB.

Please let us 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*<sup>®</sup> | Solid Waste West | Methane Gas Group  
San Jose, CA | [tetrattech.com](http://tetrattech.com)

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---

**From:** Israel, Nat

**Sent:** Friday, March 15, 2024 2:38 PM

**To:** 'compliance@baaqmd.gov' <[compliance@baaqmd.gov](mailto:compliance@baaqmd.gov)>; 'ARB Landfill Methane Regulation (LMR)' <[LMR@arb.ca.gov](mailto:LMR@arb.ca.gov)>; 'Raymond Salalila' <[RSalalila@baaqmd.gov](mailto:RSalalila@baaqmd.gov)>

**Cc:** 'Mcdonnell, Kelly' <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Pankenier, Suzan <[Suzan.Pankenier@tetrattech.com](mailto:Suzan.Pankenier@tetrattech.com)>

**Subject:** Ox Mountain Landfill 2023 Annual Landfill Methane Rule Report - SWIS Number 41-AA-002

Hello,

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (SWIS Number 41-AA-002), Tetra Tech is submitting the attached 2023 Annual Landfill Methane Rule Report for your review. If you could confirm your receipt of the report, it would be very much appreciated.

Please let us know if you have any questions.

Thanks,

**Nat Israel** | Compliance Specialist  
Mobile +1 (530) 409-0225 |  
[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)

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**To:** [Israel, Nat](#)  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Kent, Kendra](#); [Rawlings, Tristan](#)  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain  
**Date:** Tuesday, March 26, 2024 7:40:14 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)  
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Hi Nat,

I am still just waiting for my supervisor to get to her secondary review of the evaluation. She recently was out on some medical leave and has been trying to catch up on her work. I'm hoping it will be reviewed soon.

Thanks,  
Lucas

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Monday, March 25, 2024 2:14 PM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
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**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

Following up again regarding Application 32201. Ox Mountain anticipates requiring these well actions in the near future. Please let me know if you have any 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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**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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Hi Nat,

The evaluation for this application is currently under review by my supervisor. She has been completely swamped with other facilities and the District also experienced some downtime due to some system issues. I will be meeting with my supervisor in a couple hours and shall inquire about when she expects that she may be able to finish her review. This is her second review of the evaluation so I am hoping that it should be quick and that she won't have additional comments. I will keep you posted.

Thank you,  
Lucas

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Tuesday, February 20, 2024 9:03 AM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
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**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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Hi Lucas,

Could you please provide an update regarding Application 32201? Ox Mountain anticipates requiring these well actions in the near future. Please let me know if you have any questions or if we can do anything else.

Thanks,

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[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)



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**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

Please see the attached. They were added into the 2020 PTO and the 2021 Title V renewal.

Thanks,

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[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)

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**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetratech.com](mailto:TRISTAN.RAWLINGS@tetratech.com)>  
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Hi Nat,

Do you have the application/petition that added the wells to the list?

Thanks,  
Lucas

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Thursday, January 4, 2024 10:58 AM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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Hi Lucas,

Those wells were added in 2020. Condition 10164 17(a)(ii) was not updated correctly during the last renewal. We are correcting the clerical discrepancy in our upcoming petition. We have been operating in accordance with the wells listed in Condition 10164 18(d)(i). Please let me know if you need anything else.

Thanks,

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[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

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**Sent:** Thursday, January 4, 2024 10:33 AM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
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Thanks! The current permit says that there are only 18 wells operated less than continuously. Do you happen to know the applications that converted the other 6 wells to be operated less than continuously?

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Thursday, January 4, 2024 10:22 AM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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Hi Lucas,

We are in the process of completing a Less Than Continuous Operation Petition to reapprove the existing LTCOs per BAAQMD 8-34-404 and add an additional four wells. I will make sure to Cc you on the submittal, so you can have the most recent information. For now, below is a list of the existing LTCOs per the Title V permit. Please let me know if you have any additional questions or if I can do anything else.

OMTLTS01	OMTLTS02	OMTLTS03	OMTLTS04	OMTLTS05	OMTLTS06
OMTLTS07	OMTLTS08	OMTLTS09	OMTLTS10	OMTLTS11	OMTLTS12
OMTLTS15	OMTLTS16	OMTLTS17	OMTLTS18	OMTLTS19	OMTLTS20
OXLCRS4A1	OXLCRS4B1	OXLCRS07	OXLCRS3A	OXLCRS3B	OXLCRS7B

Thanks,

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[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

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**Sent:** Thursday, January 4, 2024 8:58 AM

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**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetratech.com](mailto:TRISTAN.RAWLINGS@tetratech.com)>

**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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Hi Nat,

I am currently responding to comments on my evaluation for this application. One of the comments I received was to add a list of the well IDs of the wells that are operated less than continuously to the permit conditions to make it easier for our compliance division. Could you provide me the wells that are operated less than continuously? Once I have that, I can send resubmit the evaluation and we should be able to get it approved within the next couple of weeks or so.

Thanks,  
Lucas

---

**From:** Israel, Nat <[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)>

**Sent:** Wednesday, January 3, 2024 2:57 PM

**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>

**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetratech.com](mailto:TRISTAN.RAWLINGS@tetratech.com)>

**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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Hi Lucas,

Could you please provide an update regarding Application 32201? Ox Mountain anticipates requiring these well actions in the near future. Please let me know if you have any questions or if we can do anything else.

Thanks,

**Nat Israel** | Compliance Specialist

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**From:** Israel, Nat

**Sent:** Tuesday, November 28, 2023 4:08 PM

**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>

**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>

**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

Could you please provide an update regarding Application 32201? Ox Mountain anticipates requiring these well actions in the near future. Please let me know if you have any questions or if we can do anything else.

Thanks,

**Nat Israel** | Compliance Specialist

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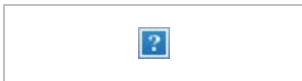
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**From:** Israel, Nat

**Sent:** Friday, October 20, 2023 1:51 PM

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**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>

**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

Please see the attached as-built with the wells installed and started up under Well Actions under ATC 30889, issued 2/10/2021. Please let us 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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**To:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Kendra,

I actually do have one more request. I appreciate the list of well actions taken since the last application and the site map with the decommissioned wells. Could we also add to the map the wells that were added since the last application so that I know where the new wells were installed in relation to the decommissioned wells? Then I should be able to mark the application as complete and finalize my evaluation. Let me know if you have any questions.

Thank you,  
Lucas

---

**From:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Sent:** Thursday, October 5, 2023 12:55 PM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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Hi Lucas,

I just wanted to check to see that you received everything you need to move this permit change forward. Could you please let me know the status of this application/permit?

Thanks,  
Kendra

**Kendra Kent** | Senior Compliance Specialist  
**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
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**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); Israel, Nat <[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetratech.com](mailto:TRISTAN.RAWLINGS@tetratech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

In response to the incomplete letter received from the BAAQMD on August 22, 2023, Tetra Tech has compiled the following information to assist the BAAQMD with its evaluation of Application No. 32201 - Change of Permit Conditions at Ox Mountain Landfill.

**BAAQMD Comment #1:**

*"A list of all vertical and horizontal wells that were decommissioned since the approval of Application #30889. For each of these wells, please indicate where they were located on a site map, and whether they were replaced or decommissioned without replacement."*

**RESPONSE:** Please see the attached Ox Mountain Wellfield Actions tracker that includes a list of all vertical and horizontal wells that were decommissioned since the approval of Application #30889. The attached Ox Mountain GCCS As-Built Decommissioned Wells drawing is an updated site map that indicates the location and date of decommissioned wells at the site for the same period.

**BAAQMD Comment #2:**

*"For wells that were decommissioned without replacement, please provide the data and reasoning for decommissioning those wells."*

**RESPONSE:** The attached Ox Mountain Wellfield Data for Decommissioned Wells provides wellfield data since the approval of Application #30889 for wells that were decommissioned without replacement. Column D of the attached Ox Mountain Wellfield Actions tracker indicates the reasoning for decommissioning the wells.

**BAAQMD Comment #3:**

*"For the wells that are scheduled to be abandoned on Drawing 3 of the submitted documents, will those wells be replaced? If not, then please provide the justification for abandoning those wells."*

**RESPONSE:** The wells OXEW1918, OXEW2006, and OXMEW303 that were scheduled to be abandoned in Drawing 3 of the submitted application documents were decommissioned on August 17, 2023. This information and reasoning for decommissioning the wells are included in the attached Ox Mountain Wellfield Actions tracker. The location of these wells is shown in the Ox Mountain GCCS As-Built Decommissioned Wells drawing and wellfield data for the wells can be found in the attached Ox Mountain Wellfield Data for Decommissioned Wells.

Please let us know if you have any further questions or concerns regarding this application.

Thanks,  
Kendra

**Kendra Kent** | Senior Compliance Specialist  
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**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group  
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**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Tuesday, August 22, 2023 9:31 AM  
**To:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com)  
**Subject:** BAAQMD Application 32201 for Change of Conditions at Ox Mountain

You don't often get email from [lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov). [Learn why this is important](#)

Hi Kendra,

I have been assigned as the engineer to review your application to change the permit conditions at Ox Mountain. I have gone over your initial application materials and am hoping for some additional information. Please find attached an incomplete letter that describes what additional information I will need to evaluate your application. I have also attached the current invoice for this application,



which must be also be paid before I complete my evaluation. Please let me know if you have any questions.

Thanks,  
Lucas

Lucas Griswold

**BAAQMD**

Air Quality Engineer

375 Beale Street, Suite 600

San Francisco, CA 94105

(415) 749-8605

## 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, 2023 THROUGH MARCH 31, 2024									
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: OXLCR8A									
X Startup Event	10/02/23 09:03	10/02/23 09:05	0.03		Well started up.		10/2/2023	X	Manual
Shutdown Event						X			
Malfunction Event									
Well ID Number:									
Startup Event									Manual
Shutdown Event									Automatic
Malfunction Event									Automatic
Well ID Number: OXLCRS7B									
Startup Event	10/13/23 14:37	10/13/23 14:39	0.03	120.85 hours	Well temporarily taken offline for maintenance.	X	10/13/2023	X	Manual
X Shutdown Event									
Malfunction Event									
Well ID Number: OXLCR7B									
X Startup Event	10/18/23 15:28	10/18/23 15:30	0.03			X	10/18/2023	X	Manual
Shutdown Event									
Malfunction Event									
Well ID Number: OXLCR4B1									
Startup Event	10/17/23 10:47	10/17/23 10:49	0.03	674.08 hours	Well taken offline.		10/17/2023	X	Manual
X Shutdown Event						X			
Malfunction Event									
Well ID Number: OXLCR4B1									
X Startup Event	11/14/23 12:52	11/14/23 12:54	0.03				11/14/2023	X	Manual
Shutdown Event						X			
Malfunction Event									
Well ID Number: OXEW1913									
Startup Event	10/18/23 07:30	10/18/23 07:32	0.03	0.50 hours	Well temporarily taken offline for maintenance.	X	10/18/2023	X	Manual
X Shutdown Event									
Malfunction Event									
Well ID Number: OXEW1913									
X Startup Event	10/18/23 08:00	10/18/23 08:02	0.03			X	10/18/2023	X	Manual
Shutdown Event									
Malfunction Event									
Well ID Number: OXEW1812									
Startup Event	10/18/23 08:05	10/18/23 08:07	0.03	1.25 hours	Well temporarily taken offline for maintenance.	X	10/18/2023	X	Manual
X Shutdown Event									
Malfunction Event									
Well ID Number: OXEW1812									
X Startup Event	10/18/23 09:20	10/18/23 09:22	0.03			X	10/18/2023	X	Manual
Shutdown Event									
Malfunction Event									
Well ID Number: OXEW1920									
Startup Event	10/23/23 09:00	10/23/23 09:02	0.03	0.50 hours	Well temporarily taken offline for maintenance.	X	10/23/2023	X	Manual
X Shutdown Event									
Malfunction Event									
Well ID Number: OXEW1920									
X Startup Event	10/23/23 09:30	10/23/23 09:32	0.03			X	10/23/2023	X	Manual
Shutdown Event									
Malfunction Event									

**CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG**

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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: OXEW2008						X 113: Inspection and Maintenance				
Startup Event	10/23/23 09:51	10/23/23 09:53	0.03	0.37 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/23/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2008						X 113: Inspection and Maintenance				
X Startup Event	10/23/23 10:13	10/23/23 10:15	0.03	0.25 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/23/2023	X	Manual	
Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW1824						X 113: Inspection and Maintenance				
Startup Event	10/23/23 10:15	10/23/23 10:17	0.03	0.25 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/23/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW1824						X 113: Inspection and Maintenance				
X Startup Event	10/23/23 10:30	10/23/23 10:32	0.03	0.42 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/23/2023	X	Manual	
Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXMEW170						X 113: Inspection and Maintenance				
Startup Event	10/23/23 10:35	10/23/23 10:37	0.03	0.42 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/23/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXMEW170						X 113: Inspection and Maintenance				
X Startup Event	10/23/23 11:00	10/23/23 11:02	0.03	1.17 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/23/2023	X	Manual	
Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXMEW210						X 113: Inspection and Maintenance				
Startup Event	10/30/23 08:50	10/30/23 08:52	0.03	1.17 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/30/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXMEW210						X 113: Inspection and Maintenance				
X Startup Event	10/30/23 10:00	10/30/23 10:02	0.03	0.57 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/30/2023	X	Manual	
Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW1911						X 113: Inspection and Maintenance				
Startup Event	10/31/23 07:16	10/31/23 07:18	0.03	0.57 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/31/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW1911						X 113: Inspection and Maintenance				
X Startup Event	10/31/23 07:50	10/31/23 07:52	0.03	0.43 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/31/2023	X	Manual	
Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2017						X 113: Inspection and Maintenance				
Startup Event	10/31/23 08:15	10/31/23 08:17	0.03	0.43 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/31/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2017						X 113: Inspection and Maintenance				
X Startup Event	10/31/23 08:41	10/31/23 08:43	0.03	0.43 hours	Well temporarily taken offline for maintenance.	116: Well Raising	10/31/2023	X	Manual	
Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				

**CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG**

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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: OXEW2030						X	113: Inspection and Maintenance				
Startup Event	10/31/23 09:29	10/31/23 09:31	0.03	0.35 hours	Well temporarily taken offline for maintenance.		116: Well Raising	10/31/2023	X	Manual	
X Shutdown Event								117: Gas Collection			Automatic
Malfunction Event								118: Construction Activities			
Well ID Number: OXEW2030								X	113: Inspection and Maintenance	10/31/2023	X
X Startup Event	10/31/23 09:50	10/31/23 09:52	0.03				116: Well Raising			Automatic	
Shutdown Event							117: Gas Collection				
Malfunction Event							118: Construction Activities				
Well ID Number: OXEW2023						X	113: Inspection and Maintenance	10/31/2023	X	Manual	
Startup Event	10/31/23 09:54	10/31/23 09:56	0.03	0.47 hours	Well temporarily taken offline for maintenance.		116: Well Raising			Automatic	
X Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXEW2023						X	113: Inspection and Maintenance	10/31/2023	X	Manual	
X Startup Event	10/31/23 10:22	10/31/23 10:24	0.03				116: Well Raising			Automatic	
Shutdown Event							117: Gas Collection				
Malfunction Event							118: Construction Activities				
Well ID Number: OXEW1804						X	113: Inspection and Maintenance	11/1/2023	X	Manual	
Startup Event	11/01/23 07:48	11/01/23 07:50	0.03	0.53 hours	Well temporarily taken offline for maintenance.		116: Well Raising			Automatic	
X Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXEW1804						X	113: Inspection and Maintenance	11/1/2023	X	Manual	
X Startup Event	11/01/23 08:20	11/01/23 08:22	0.03				116: Well Raising			Automatic	
Shutdown Event							117: Gas Collection				
Malfunction Event							118: Construction Activities				
Well ID Number: OXEW1618						X	113: Inspection and Maintenance	11/1/2023	X	Manual	
Startup Event	11/01/23 08:52	11/01/23 08:54	0.03	0.43 hours	Well temporarily taken offline for maintenance.		116: Well Raising			Automatic	
X Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXEW1618						X	113: Inspection and Maintenance	11/1/2023	X	Manual	
X Startup Event	11/01/23 09:18	11/01/23 09:20	0.03				116: Well Raising			Automatic	
Shutdown Event							117: Gas Collection				
Malfunction Event							118: Construction Activities				
Well ID Number: OXEW1801						X	113: Inspection and Maintenance	11/1/2023	X	Manual	
Startup Event	11/01/23 09:46	11/01/23 09:48	0.03	0.48 hours	Well temporarily taken offline for maintenance.		116: Well Raising			Automatic	
X Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXEW1801						X	113: Inspection and Maintenance	11/1/2023	X	Manual	
X Startup Event	11/01/23 10:15	11/01/23 10:17	0.03				116: Well Raising			Automatic	
Shutdown Event							117: Gas Collection				
Malfunction Event							118: Construction Activities				
Well ID Number: OXEW1904						X	113: Inspection and Maintenance	11/1/2023	X	Manual	
Startup Event	11/01/23 10:27	11/01/23 10:29	0.03	0.35 hours	Well temporarily taken offline for maintenance.		116: Well Raising			Automatic	
X Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXEW1904						X	113: Inspection and Maintenance	11/1/2023	X	Manual	
X Startup Event	11/01/23 10:48	11/01/23 10:50	0.03				116: Well Raising			Automatic	
Shutdown Event							117: Gas Collection				
Malfunction Event							118: Construction Activities				

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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: OXEW1902						X 113: Inspection and Maintenance				
Startup Event	11/03/23 07:10	11/03/23 07:12	0.03	0.37 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/3/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW1902						X 113: Inspection and Maintenance				
X Startup Event	11/03/23 07:32	11/03/23 07:34	0.03			116: Well Raising	11/3/2023	X	Manual	
Shutdown Event						117: Gas Collection			Automatic	
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2021						X 113: Inspection and Maintenance				
Startup Event	11/03/23 09:24	11/03/23 09:26	0.03	0.38 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/3/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2021						X 113: Inspection and Maintenance				
X Startup Event	11/03/23 09:47	11/03/23 09:49	0.03			116: Well Raising	11/3/2023	X	Manual	
Shutdown Event						117: Gas Collection			Automatic	
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2029						X 113: Inspection and Maintenance				
Startup Event	11/14/23 08:40	11/14/23 08:42	0.03	0.48 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/14/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2029						X 113: Inspection and Maintenance				
X Startup Event	11/14/23 09:09	11/14/23 09:11	0.03			116: Well Raising	11/14/2023	X	Manual	
Shutdown Event						117: Gas Collection			Automatic	
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2020						X 113: Inspection and Maintenance				
Startup Event	11/14/23 09:56	11/14/23 09:58	0.03	0.57 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/14/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2020						X 113: Inspection and Maintenance				
X Startup Event	11/14/23 10:30	11/14/23 10:32	0.03			116: Well Raising	11/14/2023	X	Manual	
Shutdown Event						117: Gas Collection			Automatic	
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2007						X 113: Inspection and Maintenance				
Startup Event	11/20/23 06:28	11/20/23 06:30	0.03	0.42 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/20/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2007						X 113: Inspection and Maintenance				
X Startup Event	11/20/23 06:53	11/20/23 06:55	0.03			116: Well Raising	11/20/2023	X	Manual	
Shutdown Event						117: Gas Collection			Automatic	
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2002						X 113: Inspection and Maintenance				
Startup Event	11/20/23 07:31	11/20/23 07:33	0.03	0.68 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/20/2023	X	Manual	
X Shutdown Event						117: Gas Collection				Automatic
Malfunction Event						118: Construction Activities				
Well ID Number: OXEW2002						X 113: Inspection and Maintenance				
X Startup Event	11/20/23 08:12	11/20/23 08:14	0.03			116: Well Raising	11/20/2023	X	Manual	
Shutdown Event						117: Gas Collection			Automatic	
Malfunction Event						118: Construction Activities				

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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: OXEW1620						X 113: Inspection and Maintenance					
Startup Event	11/28/23 08:43	11/28/23 08:45	0.03	0.40 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/28/2023	X	Manual		
X Shutdown Event						117: Gas Collection			Automatic		
Malfunction Event						118: Construction Activities					
Well ID Number: OXEW1620								X 113: Inspection and Maintenance			
X Startup Event	11/28/23 09:07	11/28/23 09:09	0.03			0.40 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/28/2023	X	Manual
Shutdown Event								117: Gas Collection			Automatic
Malfunction Event				118: Construction Activities							
Well ID Number: OXEW1619								X 113: Inspection and Maintenance			
Startup Event	11/28/23 09:10	11/28/23 09:12	0.03	1.83 hours	Well temporarily taken offline for maintenance.			116: Well Raising	11/28/2023	X	Manual
X Shutdown Event								117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities					
Well ID Number: OXEW1619								X 113: Inspection and Maintenance			
X Startup Event	11/28/23 11:00	11/28/23 11:02	0.03			1.83 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/28/2023	X	Manual
Shutdown Event								117: Gas Collection			Automatic
Malfunction Event				118: Construction Activities							
Well ID Number: OXMEW204								X 113: Inspection and Maintenance			
Startup Event	11/28/23 11:10	11/28/23 11:12	0.03	0.68 hours	Well temporarily taken offline for maintenance.			116: Well Raising	11/28/2023	X	Manual
X Shutdown Event								117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities					
Well ID Number: OXMEW204								X 113: Inspection and Maintenance			
X Startup Event	11/28/23 11:51	11/28/23 11:53	0.03			0.68 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/28/2023	X	Manual
Shutdown Event								117: Gas Collection			Automatic
Malfunction Event				118: Construction Activities							
Well ID Number: OMLEW101								X 113: Inspection and Maintenance			
Startup Event	11/29/23 07:20	11/29/23 07:22	0.03	0.60 hours	Well temporarily taken offline for maintenance.			116: Well Raising	11/29/2023	X	Manual
X Shutdown Event								117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities					
Well ID Number: OMLEW101								X 113: Inspection and Maintenance			
X Startup Event	11/29/23 07:56	11/29/23 07:58	0.03			0.60 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/29/2023	X	Manual
Shutdown Event								117: Gas Collection			Automatic
Malfunction Event				118: Construction Activities							
Well ID Number: OXMEW174								X 113: Inspection and Maintenance			
Startup Event	11/29/23 07:59	11/29/23 08:01	0.03	0.60 hours	Well temporarily taken offline for maintenance.			116: Well Raising	11/29/2023	X	Manual
X Shutdown Event								117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities					
Well ID Number: OXMEW174								X 113: Inspection and Maintenance			
X Startup Event	11/29/23 08:35	11/29/23 08:37	0.03			0.60 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/29/2023	X	Manual
Shutdown Event								117: Gas Collection			Automatic
Malfunction Event				118: Construction Activities							
Well ID Number: OXEW1825								X 113: Inspection and Maintenance			
Startup Event	11/29/23 09:04	11/29/23 09:06	0.03	0.18 hours	Well temporarily taken offline for maintenance.			116: Well Raising	11/29/2023	X	Manual
X Shutdown Event								117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities					
Well ID Number: OXEW1825								X 113: Inspection and Maintenance			
X Startup Event	11/29/23 09:15	11/29/23 09:17	0.03			0.18 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/29/2023	X	Manual
Shutdown Event								117: Gas Collection			Automatic
Malfunction Event				118: Construction Activities							

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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: OXEW1810						X 113: Inspection and Maintenance			
Startup Event	11/29/23 09:20	11/29/23 09:22	0.03	0.67 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/29/2023	X	Manual
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1810						X 113: Inspection and Maintenance			
X Startup Event	11/29/23 10:00	11/29/23 10:02	0.03			116: Well Raising	11/29/2023	X	Manual
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1921						X 113: Inspection and Maintenance			
Startup Event	11/29/23 10:05	11/29/23 10:07	0.03	0.53 hours	Well temporarily taken offline for maintenance.	116: Well Raising	11/29/2023	X	Manual
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1921						X 113: Inspection and Maintenance			
X Startup Event	11/29/23 10:37	11/29/23 10:39	0.03			116: Well Raising	11/29/2023	X	Manual
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2011						X 113: Inspection and Maintenance			
Startup Event	12/19/23 09:40	12/19/23 09:42	0.03	0.62 hours	Well temporarily taken offline for maintenance.	116: Well Raising	12/19/2023	X	Manual
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2011						X 113: Inspection and Maintenance			
X Startup Event	12/19/23 10:17	12/19/23 10:19	0.03			116: Well Raising	12/19/2023	X	Manual
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1826						X 113: Inspection and Maintenance			
Startup Event	12/19/23 10:27	12/19/23 10:29	0.03	0.38 hours	Well temporarily taken offline for maintenance.	116: Well Raising	12/19/2023	X	Manual
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1826						X 113: Inspection and Maintenance			
X Startup Event	12/19/23 10:50	12/19/23 10:52	0.03			116: Well Raising	12/19/2023	X	Manual
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1811						X 113: Inspection and Maintenance			
Startup Event	12/19/23 10:59	12/19/23 11:01	0.03	0.52 hours	Well temporarily taken offline for maintenance.	116: Well Raising	12/19/2023	X	Manual
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1811						X 113: Inspection and Maintenance			
X Startup Event	12/19/23 11:30	12/19/23 11:32	0.03			116: Well Raising	12/19/2023	X	Manual
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1612						X 113: Inspection and Maintenance			
Startup Event	1/04/24 06:56	1/04/24 06:58	0.03	0.57 hours	Well temporarily taken offline for maintenance.	116: Well Raising	1/4/2024	X	Manual
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1612						X 113: Inspection and Maintenance			
X Startup Event	1/04/24 07:30	1/04/24 07:32	0.03			116: Well Raising	1/4/2024	X	Manual
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			



**CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG**

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - FROM OCTOBER 1, 2023 THROUGH MARCH 31, 2024										
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: OXEW1911						X	113: Inspection and Maintenance			
Startup Event							116: Well Raising	1/4/2024	X	Manual
X Shutdown Event	1/04/24 08:31	1/04/24 08:33	0.03	0.37 hours	Well temporarily taken offline for maintenance.		117: Gas Collection			Automatic
Malfunction Event								118: Construction Activities		
Well ID Number: OXEW1911						X	113: Inspection and Maintenance			
X Startup Event	1/04/24 08:53	1/04/24 08:55	0.03	0.37 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/4/2024	X	Manual
Shutdown Event								117: Gas Collection		
Malfunction Event							118: Construction Activities			
Well ID Number: OXEW1804						X	113: Inspection and Maintenance			
Startup Event	1/04/24 09:13	1/04/24 09:15	0.03	0.73 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/4/2024	X	Manual
X Shutdown Event								117: Gas Collection		
Malfunction Event							118: Construction Activities			
Well ID Number: OXEW1804						X	113: Inspection and Maintenance			
X Startup Event	1/04/24 09:57	1/04/24 09:59	0.03	0.73 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/4/2024	X	Manual
Shutdown Event								117: Gas Collection		
Malfunction Event							118: Construction Activities			
Well ID Number: OXEW1618						X	113: Inspection and Maintenance			
Startup Event	1/04/24 10:02	1/04/24 10:04	0.03	0.80 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/4/2024	X	Manual
X Shutdown Event								117: Gas Collection		
Malfunction Event							118: Construction Activities			
Well ID Number: OXEW1618						X	113: Inspection and Maintenance			
X Startup Event	1/04/24 10:50	1/04/24 10:52	0.03	0.80 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/4/2024	X	Manual
Shutdown Event								117: Gas Collection		
Malfunction Event							118: Construction Activities			
Well ID Number: OXM EW170						X	113: Inspection and Maintenance			
Startup Event	1/10/24 08:30	1/10/24 08:32	0.03	0.50 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/10/2024	X	Manual
X Shutdown Event								117: Gas Collection		
Malfunction Event							118: Construction Activities			
Well ID Number: OXM EW170						X	113: Inspection and Maintenance			
X Startup Event	1/10/24 09:00	1/10/24 09:02	0.03	0.50 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/10/2024	X	Manual
Shutdown Event								117: Gas Collection		
Malfunction Event							118: Construction Activities			
Well ID Number: OXEW1824						X	113: Inspection and Maintenance			
Startup Event	1/10/24 09:05	1/10/24 09:07	0.03	0.42 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/10/2024	X	Manual
X Shutdown Event								117: Gas Collection		
Malfunction Event							118: Construction Activities			
Well ID Number: OXEW1824						X	113: Inspection and Maintenance			
X Startup Event	1/10/24 09:30	1/10/24 09:32	0.03	0.42 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/10/2024	X	Manual
Shutdown Event								117: Gas Collection		
Malfunction Event							118: Construction Activities			
Well ID Number: OMTLTS06						X	113: Inspection and Maintenance			
Startup Event	1/16/24 07:30	1/16/24 07:32	0.03	0.58 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/16/2024	X	Manual
X Shutdown Event								117: Gas Collection		
Malfunction Event							118: Construction Activities			
Well ID Number: OMTLTS06						X	113: Inspection and Maintenance			
X Startup Event	1/16/24 08:05	1/16/24 08:07	0.03	0.58 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/16/2024	X	Manual
Shutdown Event								117: Gas Collection		
Malfunction Event							118: Construction Activities			

**CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG**

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM OCTOBER 1, 2023 THROUGH MARCH 31, 2024									
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: OMTLTS08						X			
Startup Event	1/16/24 08:10	1/16/24 08:12	0.03	0.83 hours	Well temporarily taken offline for maintenance.		1/16/2024	X	Manual
X Shutdown Event									
Malfunction Event									Automatic
Well ID Number: OMTLTS08						X			
X Startup Event	1/16/24 09:00	1/16/24 09:02	0.03				1/16/2024	X	Manual
Shutdown Event									
Malfunction Event									Automatic
Well ID Number: OXEW1913						X			
Startup Event	1/17/24 08:05	1/17/24 08:07	0.03	0.72 hours	Well temporarily taken offline for maintenance.		1/17/2024	X	Manual
X Shutdown Event									
Malfunction Event									Automatic
Well ID Number: OXEW1913						X			
X Startup Event	1/17/24 08:48	1/17/24 08:50	0.03				1/17/2024	X	Manual
Shutdown Event									
Malfunction Event									Automatic
Well ID Number: OXMEW191						X			
Startup Event	1/17/24 09:40	1/17/24 09:42	0.03	0.68 hours	Well temporarily taken offline for maintenance.		1/17/2024	X	Manual
X Shutdown Event									
Malfunction Event									Automatic
Well ID Number: OXMEW191						X			
X Startup Event	1/17/24 10:21	1/17/24 10:23	0.03				1/17/2024	X	Manual
Shutdown Event									
Malfunction Event									Automatic
Well ID Number: OXEW1716						X			
Startup Event	1/17/24 10:27	1/17/24 10:29	0.03	0.50 hours	Well temporarily taken offline for maintenance.		1/17/2024	X	Manual
X Shutdown Event									
Malfunction Event									Automatic
Well ID Number: OXEW1716						X			
X Startup Event	1/17/24 10:57	1/17/24 10:59	0.03				1/17/2024	X	Manual
Shutdown Event									
Malfunction Event									Automatic
Well ID Number: OXEW1812						X			
Startup Event	1/29/24 08:30	1/29/24 08:32	0.03	0.67 hours	Well temporarily taken offline for maintenance.		1/29/2024	X	Manual
X Shutdown Event									
Malfunction Event									Automatic
Well ID Number: OXEW1812						X			
X Startup Event	1/29/24 09:10	1/29/24 09:12	0.03				1/29/2024	X	Manual
Shutdown Event									
Malfunction Event									Automatic
Well ID Number: OMLEW101						X			
Startup Event	1/29/24 09:15	1/29/24 09:17	0.03	0.57 hours	Well temporarily taken offline for maintenance.		1/29/2024	X	Manual
X Shutdown Event									
Malfunction Event									Automatic
Well ID Number: OMLEW101						X			
X Startup Event	1/29/24 09:49	1/29/24 09:51	0.03				1/29/2024	X	Manual
Shutdown Event									
Malfunction Event									Automatic

**CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG**

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM OCTOBER 1, 2023 THROUGH MARCH 31, 2024									
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: OXEW2012						X	113: Inspection and Maintenance		
Startup Event							116: Well Raising	1/29/2024	X
X Shutdown Event	1/29/24 09:54	1/29/24 09:56	0.03	0.60 hours	Well temporarily taken offline for maintenance.		117: Gas Collection		
Malfunction Event								118: Construction Activities	
Well ID Number: OXEW2012						X	113: Inspection and Maintenance		
X Startup Event	1/29/24 10:30	1/29/24 10:32	0.03				116: Well Raising	1/29/2024	X
Shutdown Event							117: Gas Collection		
Malfunction Event							118: Construction Activities		Automatic
Well ID Number: OXLCRS3A						X	113: Inspection and Maintenance		
Startup Event	1/27/24 10:16	1/27/24 10:18	0.03	71.10 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/27/2024	X
X Shutdown Event								117: Gas Collection	
Malfunction Event							118: Construction Activities		Automatic
Well ID Number: OXLCRS3A						X	113: Inspection and Maintenance		
X Startup Event	1/30/24 09:22	1/30/24 09:24	0.03				116: Well Raising	1/30/2024	X
Shutdown Event							117: Gas Collection		
Malfunction Event							118: Construction Activities		Automatic
Well ID Number: OXLCRS3B						X	113: Inspection and Maintenance		
Startup Event	1/27/24 10:16	1/27/24 10:18	0.03	71.23 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/27/2024	X
X Shutdown Event								117: Gas Collection	
Malfunction Event							118: Construction Activities		Automatic
Well ID Number: OXLCRS3B						X	113: Inspection and Maintenance		
X Startup Event	1/30/24 09:30	1/30/24 09:32	0.03				116: Well Raising	1/30/2024	X
Shutdown Event							117: Gas Collection		
Malfunction Event							118: Construction Activities		Automatic
Well ID Number: OXEW2008						X	113: Inspection and Maintenance		
Startup Event	1/31/24 07:20	1/31/24 07:22	0.03	1.03 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/31/2024	X
X Shutdown Event								117: Gas Collection	
Malfunction Event							118: Construction Activities		Automatic
Well ID Number: OXEW2008						X	113: Inspection and Maintenance		
X Startup Event	1/31/24 08:22	1/31/24 08:24	0.03				116: Well Raising	1/31/2024	X
Shutdown Event							117: Gas Collection		
Malfunction Event							118: Construction Activities		Automatic
Well ID Number: OXEW2007						X	113: Inspection and Maintenance		
Startup Event	1/31/24 08:34	1/31/24 08:36	0.03	0.50 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/31/2024	X
X Shutdown Event								117: Gas Collection	
Malfunction Event							118: Construction Activities		Automatic
Well ID Number: OXEW2007						X	113: Inspection and Maintenance		
X Startup Event	1/31/24 09:04	1/31/24 09:06	0.03				116: Well Raising	1/31/2024	X
Shutdown Event							117: Gas Collection		
Malfunction Event							118: Construction Activities		Automatic
Well ID Number: OXEW1619						X	113: Inspection and Maintenance		
Startup Event	1/31/24 09:18	1/31/24 09:20	0.03	0.70 hours	Well temporarily taken offline for maintenance.		116: Well Raising	1/31/2024	X
X Shutdown Event								117: Gas Collection	
Malfunction Event							118: Construction Activities		Automatic
Well ID Number: OXEW1619						X	113: Inspection and Maintenance		
X Startup Event	1/31/24 10:00	1/31/24 10:02	0.03				116: Well Raising	1/31/2024	X
Shutdown Event							117: Gas Collection		
Malfunction Event							118: Construction Activities		Automatic

**CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG**

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM OCTOBER 1, 2023 THROUGH MARCH 31, 2024									
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: OXEW1620						X 113: Inspection and Maintenance			
Startup Event	1/31/24 10:20	1/31/24 10:22	0.03	0.67 hours	Well temporarily taken offline for maintenance.		1/31/2024	X	Manual
X Shutdown Event									Automatic
Malfunction Event									
Well ID Number: OXEW1620						X 113: Inspection and Maintenance			
X Startup Event	1/31/24 11:00	1/31/24 11:02	0.03				1/31/2024	X	Manual
Shutdown Event									Automatic
Malfunction Event									
Well ID Number: OXEW1810						X 113: Inspection and Maintenance			
Startup Event	2/01/24 08:10	2/01/24 08:12	0.03	1.70 hours	Well temporarily taken offline for maintenance.		2/1/2024	X	Manual
X Shutdown Event									Automatic
Malfunction Event									
Well ID Number: OXEW1810						X 113: Inspection and Maintenance			
X Startup Event	2/01/24 09:52	2/01/24 09:54	0.03				2/1/2024	X	Manual
Shutdown Event									Automatic
Malfunction Event									
Well ID Number: OXEW1917						X 113: Inspection and Maintenance			
Startup Event	3/13/24 07:30	3/13/24 07:32	0.03	0.75 hours	Well temporarily taken offline for maintenance.		3/13/2024	X	Manual
X Shutdown Event									Automatic
Malfunction Event									
Well ID Number: OXEW1917						X 113: Inspection and Maintenance			
X Startup Event	3/13/24 08:15	3/13/24 08:17	0.03				3/13/2024	X	Manual
Shutdown Event									Automatic
Malfunction Event									
Well ID Number: OXMEW174						X 113: Inspection and Maintenance			
Startup Event	3/13/24 08:45	3/13/24 08:47	0.03	0.42 hours	Well temporarily taken offline for maintenance.		3/13/2024	X	Manual
X Shutdown Event									Automatic
Malfunction Event									
Well ID Number: OXMEW174						X 113: Inspection and Maintenance			
X Startup Event	3/13/24 09:10	3/13/24 09:12	0.03				3/13/2024	X	Manual
Shutdown Event									Automatic
Malfunction Event									

## 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, 2023 THROUGH MARCH 31, 2024									
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									
<input type="checkbox"/> Startup Event	10/03/23 09:12	10/03/23 09:14	0.03	0.10 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/3/2023	X	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare									
<input checked="" type="checkbox"/> Startup Event	10/03/23 09:18	10/03/23 09:20	0.03	0.10 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/3/2023	X	Manual
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare									
<input type="checkbox"/> Startup Event	10/03/23 15:06	10/03/23 15:08	0.03	0.43 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/3/2023	X	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare									
<input checked="" type="checkbox"/> Startup Event	10/03/23 15:32	10/03/23 15:34	0.03	0.43 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/3/2023	X	Manual
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare									
<input type="checkbox"/> Startup Event	10/04/23 09:10	10/04/23 09:12	0.03	0.53 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/4/2023	X	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare									
<input checked="" type="checkbox"/> Startup Event	10/04/23 09:42	10/04/23 09:44	0.03	0.53 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/4/2023	X	Manual
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare									
<input type="checkbox"/> Startup Event	10/04/23 16:00	10/04/23 16:02	0.03	15.27 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/4/2023	X	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare									
<input checked="" type="checkbox"/> Startup Event	10/05/23 07:16	10/05/23 07:18	0.03	15.27 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/5/2023	X	Manual
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare									
<input type="checkbox"/> Startup Event	10/05/23 09:22	10/05/23 09:24	0.03	2.17 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/5/2023	X	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare									
<input checked="" type="checkbox"/> Startup Event	10/05/23 11:32	10/05/23 11:34	0.03	2.17 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/5/2023	X	Manual
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare									
<input type="checkbox"/> Startup Event	10/06/23 19:24	10/06/23 19:26	0.03	0.47 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/6/2023	X	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare									
<input checked="" type="checkbox"/> Startup Event	10/06/23 19:52	10/06/23 19:54	0.03	0.47 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/6/2023	X	Manual
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Malfunction Event						<input checked="" type="checkbox"/> 117: Gas Collection			

**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, 2023 THROUGH MARCH 31, 2024									
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	10/07/23 10:52	10/07/23 10:54	0.03	1.23 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/7/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/07/23 12:06	10/07/23 12:08	0.03	1.30 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/7/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	10/07/23 15:24	10/07/23 15:26	0.03	1.30 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/7/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/07/23 16:42	10/07/23 16:44	0.03	1.30 hours	Flare shut down due to high temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/7/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	10/09/23 08:26	10/09/23 08:28	0.03	0.17 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/9/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/09/23 08:36	10/09/23 08:38	0.03	0.17 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/9/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/11/23 10:34	10/11/23 10:36	0.03	0.30 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/11/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/11/23 10:52	10/11/23 10:54	0.03	0.30 hours	Flare shut down due to low temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/11/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	10/11/23 11:08	10/11/23 11:10	0.03	0.07 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/11/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/11/23 11:12	10/11/23 11:14	0.03	0.07 hours	Flare shut down due to low temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/11/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/11/23 12:04	10/11/23 12:06	0.03	0.07 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/11/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/11/23 12:08	10/11/23 12:10	0.03	0.07 hours	Flare shut down due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/11/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	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, 2023 THROUGH MARCH 31, 2024									
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	10/13/23 06:58	10/13/23 07:00	0.03	0.50 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/13/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/13/23 07:28	10/13/23 07:30	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/13/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	10/13/23 08:36	10/13/23 08:38	0.03	0.27 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/13/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/13/23 08:52	10/13/23 08:54	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/13/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/14/23 05:48	10/14/23 05:50	0.03	2.43 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/14/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/14/23 08:14	10/14/23 08:16	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/14/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	10/14/23 16:20	10/14/23 16:22	0.03	1.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/14/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/14/23 17:32	10/14/23 17:34	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/14/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	10/14/23 20:20	10/14/23 20:22	0.03	11.70 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/14/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/15/23 08:02	10/15/23 08:04	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/15/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	10/16/23 20:42	10/16/23 20:44	0.03	11.13 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/16/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	10/17/23 07:50	10/17/23 07:52	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/17/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	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, 2023 THROUGH MARCH 31, 2024									
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	10/18/23 06:48	10/18/23 06:50	0.03	0.90 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/18/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	10/18/23 07:42	10/18/23 07:44	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/18/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	10/18/23 09:50	10/18/23 09:52	0.03	0.33 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/18/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	10/18/23 10:10	10/18/23 10:12	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/18/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	10/19/23 23:58	10/20/23 00:00	0.03	8.40 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/20/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	10/20/23 08:22	10/20/23 08:24	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/20/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	10/20/23 09:44	10/20/23 09:46	0.03	0.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/20/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	10/20/23 09:56	10/20/23 09:58	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/20/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	10/20/23 10:50	10/20/23 10:52	0.03	0.60 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/20/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	10/20/23 11:26	10/20/23 11:28	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/20/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	10/20/23 12:08	10/20/23 12:10	0.03	1.10 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/20/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	10/20/23 13:14	10/20/23 13:16	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/20/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			

**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, 2023 THROUGH MARCH 31, 2024								
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	10/20/23 21:24	10/20/23 21:26	0.03	10.57 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/20/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/21/23 07:58	10/21/23 08:00	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/21/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/21/23 12:00	10/21/23 12:02	0.03	0.33 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/21/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/21/23 12:20	10/21/23 12:22	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/21/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/21/23 13:46	10/21/23 13:48	0.03	18.13 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/21/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/22/23 07:54	10/22/23 07:56	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/22/23 13:14	10/22/23 13:16	0.03	1.77 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/22/23 15:00	10/22/23 15:02	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/22/23 15:12	10/22/23 15:14	0.03	0.30 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/22/23 15:30	10/22/23 15:32	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/22/23 17:48	10/22/23 17:50	0.03	0.47 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/22/23 18:16	10/22/23 18:18	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024								
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	10/22/23 20:04	10/22/23 20:06	0.03	0.63 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	10/22/23 20:42	10/22/23 20:44	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/24/23 07:20	10/24/23 07:22	0.03	0.40 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/24/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	10/24/23 07:44	10/24/23 07:46	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/24/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/24/23 17:06	10/24/23 17:08	0.03	0.43 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/24/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	10/24/23 17:32	10/24/23 17:34	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/24/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/27/23 02:56	10/27/23 02:58	0.03	5.47 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/27/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	10/27/23 08:24	10/27/23 08:26	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/27/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/27/23 08:46	10/27/23 08:48	0.03	0.30 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/27/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	10/27/23 09:04	10/27/23 09:06	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/27/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/27/23 12:04	10/27/23 12:06	0.03	0.27 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/27/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	10/27/23 12:20	10/27/23 12:22	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/27/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	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, 2023 THROUGH MARCH 31, 2024								
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	10/28/23 10:42	10/28/23 10:44	0.03	2.73 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/28/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	10/28/23 13:26	10/28/23 13:28	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/28/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/28/23 13:46	10/28/23 13:48	0.03	0.93 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/28/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	10/28/23 14:42	10/28/23 14:44	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/28/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/31/23 16:30	10/31/23 16:32	0.03	0.50 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/31/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	10/31/23 17:00	10/31/23 17:02	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/31/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	10/31/23 17:06	10/31/23 17:08	0.03	0.37 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/31/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	10/31/23 17:28	10/31/23 17:30	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	10/31/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	11/06/23 21:06	11/06/23 21:08	0.03	10.10 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/6/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	11/07/23 07:12	11/07/23 07:14	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/7/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	11/07/23 09:26	11/07/23 09:28	0.03	0.40 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/7/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	11/07/23 09:50	11/07/23 09:52	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/7/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
Malfunction Event						<input type="checkbox"/> 118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024								
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	11/07/23 16:00	11/07/23 16:02	0.03	0.43 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	11/7/2023	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	11/07/23 16:26	11/07/23 16:28	0.03			113: Inspection and Maintenance	11/7/2023	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	11/07/23 18:34	11/07/23 18:36	0.03	12.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	11/7/2023	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	11/08/23 07:30	11/08/23 07:32	0.03			113: Inspection and Maintenance	11/8/2023	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	11/08/23 22:40	11/08/23 22:42	0.03	8.80 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	11/8/2023	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	11/09/23 07:28	11/09/23 07:30	0.03			113: Inspection and Maintenance	11/9/2023	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	11/09/23 18:42	11/09/23 18:44	0.03	12.60 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	11/9/2023	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	11/10/23 07:18	11/10/23 07:20	0.03			113: Inspection and Maintenance	11/10/2023	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	11/10/23 23:38	11/10/23 23:40	0.03	0.83 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	11/10/2023	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	11/11/23 00:28	11/11/23 00:30	0.03			113: Inspection and Maintenance	11/11/2023	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	11/11/23 01:02	11/11/23 01:04	0.03	1.50 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	11/11/2023	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	11/11/23 02:32	11/11/23 02:34	0.03			113: Inspection and Maintenance	11/11/2023	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024									
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	11/11/23 06:14	11/11/23 06:16	0.03	1.37 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/11/2023	X	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-7 Flare	11/11/23 07:36	11/11/23 07:38	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/11/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-7 Flare	11/13/23 20:52	11/13/23 20:54	0.03	10.53 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/13/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-7 Flare	11/14/23 07:24	11/14/23 07:26	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/14/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-7 Flare	11/14/23 08:56	11/14/23 08:58	0.03	0.47 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/14/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-7 Flare	11/14/23 09:24	11/14/23 09:26	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/14/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-7 Flare	11/14/23 09:54	11/14/23 09:56	0.03	0.30 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/14/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-7 Flare	11/14/23 10:12	11/14/23 10:14	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/14/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-7 Flare	11/14/23 23:22	11/14/23 23:24	0.03	8.07 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/14/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-7 Flare	11/15/23 07:26	11/15/23 07:28	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/15/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-7 Flare	11/15/23 11:36	11/15/23 11:38	0.03	0.30 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/15/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-7 Flare	11/15/23 11:54	11/15/23 11:56	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/15/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 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, 2023 THROUGH MARCH 31, 2024									
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	11/15/23 12:20	11/15/23 12:22	0.03	0.37 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/15/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	11/15/23 12:42	11/15/23 12:44	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/15/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	11/15/23 13:52	11/15/23 13:54	0.03	0.30 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/15/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	11/15/23 14:10	11/15/23 14:12	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/15/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	11/16/23 06:54	11/16/23 06:56	0.03	0.77 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/16/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	11/16/23 07:40	11/16/23 07:42	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/16/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	11/18/23 09:44	11/18/23 09:46	0.03	50.53 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/18/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	11/20/23 12:16	11/20/23 12:18	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/20/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	11/20/23 12:28	11/20/23 12:30	0.03	0.07 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/20/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	11/20/23 12:32	11/20/23 12:34	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/20/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	11/27/23 10:06	11/27/23 10:08	0.03	0.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/27/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	11/27/23 10:18	11/27/23 10:20	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/27/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	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, 2023 THROUGH MARCH 31, 2024									
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	11/27/23 17:30	11/27/23 17:32	0.03	13.77 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/27/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/28/23 07:16	11/28/23 07:18	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/28/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/28/23 07:18	11/28/23 07:20	0.03	0.03 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/28/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/28/23 07:20	11/28/23 07:22	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/28/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/28/23 07:56	11/28/23 07:58	0.03	0.07 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/28/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/28/23 08:00	11/28/23 08:02	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/28/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/28/23 19:00	11/28/23 19:02	0.03	11.97 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/28/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/29/23 06:58	11/29/23 07:00	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/29/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/29/23 14:04	11/29/23 14:06	0.03	1.33 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/29/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/29/23 15:24	11/29/23 15:26	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/29/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/30/23 05:22	11/30/23 05:24	0.03	0.63 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/30/23 06:00	11/30/23 06:02	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			



**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, 2023 THROUGH MARCH 31, 2024									
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	11/30/23 06:12	11/30/23 06:14	0.03	0.30 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/30/23 06:30	11/30/23 06:32	0.03	0.30 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/30/23 06:42	11/30/23 06:44	0.03	0.07 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-7 Flare	11/30/23 06:46	11/30/23 06:48	0.03	0.07 hours	Flare shut down due to low temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/30/23 07:40	11/30/23 07:42	0.03	0.53 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-7 Flare	11/30/23 08:12	11/30/23 08:14	0.03	0.53 hours	Flare shut down due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/30/23 08:58	11/30/23 09:00	0.03	0.70 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-7 Flare	11/30/23 09:40	11/30/23 09:42	0.03	0.70 hours	Flare shut down due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/30/23 11:14	11/30/23 11:16	0.03	0.13 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-7 Flare	11/30/23 11:22	11/30/23 11:24	0.03	0.13 hours	Flare shut down due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/30/23 12:24	11/30/23 12:26	0.03	0.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-7 Flare	11/30/23 12:36	11/30/23 12:38	0.03	0.20 hours	Flare shut down due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	11/30/23 12:36	11/30/23 12:38	0.03	0.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			

**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, 2023 THROUGH MARCH 31, 2024									
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	11/30/23 15:50	11/30/23 15:52	0.03	0.27 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	11/30/23 16:06	11/30/23 16:08	0.03	14.37 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/30/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	11/30/23 17:00	11/30/23 17:02	0.03	12.80 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/1/2023	<input checked="" type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 113: Inspection and Maintenance		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/01/23 07:22	12/01/23 07:24	0.03	12.80 hours	Flare shut down due to flame failure.	<input checked="" type="checkbox"/> 116: Well Raising	12/2/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 113: Inspection and Maintenance		<input type="checkbox"/>	Automatic
Component: A-7 Flare	12/01/23 17:34	12/01/23 17:36	0.03	0.67 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/4/2023	<input checked="" type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 113: Inspection and Maintenance		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/02/23 06:22	12/02/23 06:24	0.03	4.73 hours	Flare shut down due to a Pacific Gas and Electric (PG&E) power outage.	<input type="checkbox"/> 113: Inspection and Maintenance	12/5/2023	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 113: Inspection and Maintenance		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/04/23 14:30	12/04/23 14:32	0.03	12.30 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/6/2023	<input checked="" type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 113: Inspection and Maintenance		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/04/23 15:10	12/04/23 15:12	0.03	4.73 hours	Flare shut down due to a Pacific Gas and Electric (PG&E) power outage.	<input checked="" type="checkbox"/> 116: Well Raising	12/7/2023	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 113: Inspection and Maintenance		<input type="checkbox"/>	Automatic
Component: A-7 Flare	12/05/23 08:40	12/05/23 08:42	0.03	12.30 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/7/2023	<input checked="" type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 113: Inspection and Maintenance		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/05/23 13:24	12/05/23 13:26	0.03	12.30 hours	Flare shut down due to flame failure.	<input checked="" type="checkbox"/> 116: Well Raising	12/7/2023	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 113: Inspection and Maintenance		<input type="checkbox"/>	Automatic
Component: A-7 Flare	12/06/23 19:12	12/06/23 19:14	0.03	12.30 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/7/2023	<input checked="" type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 113: Inspection and Maintenance		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/07/23 07:30	12/07/23 07:32	0.03	12.30 hours	Flare shut down due to flame failure.	<input checked="" type="checkbox"/> 116: Well Raising	12/7/2023	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 118: Construction Activities			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 113: Inspection and Maintenance		<input type="checkbox"/>	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, 2023 THROUGH MARCH 31, 2024								
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	12/08/23 02:12	12/08/23 02:14	0.03	8.43 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/8/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/08/23 10:38	12/08/23 10:40	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/8/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/08/23 20:28	12/08/23 20:30	0.03	12.03 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/8/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/09/23 08:30	12/09/23 08:32	0.03		Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/9/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/09/23 14:42	12/09/23 14:44	0.03	1.63 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/9/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/09/23 16:20	12/09/23 16:22	0.03		Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/9/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/09/23 17:54	12/09/23 17:56	0.03	19.03 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/9/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/10/23 12:56	12/10/23 12:58	0.03		Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/10/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/12/23 07:26	12/12/23 07:28	0.03	0.43 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/12/23 07:52	12/12/23 07:54	0.03		Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/12/23 08:04	12/12/23 08:06	0.03	0.13 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/12/23 08:12	12/12/23 08:14	0.03		Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024									
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	12/12/23 08:24	12/12/23 08:26	0.03	0.13 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/12/23 08:32	12/12/23 08:34	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/12/23 08:44	12/12/23 08:46	0.03	0.07 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/12/23 08:48	12/12/23 08:50	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/12/23 08:56	12/12/23 08:58	0.03	0.07 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/12/23 09:00	12/12/23 09:02	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/12/23 09:12	12/12/23 09:14	0.03	0.13 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/12/23 09:20	12/12/23 09:22	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/12/23 09:32	12/12/23 09:34	0.03	0.17 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/12/23 09:42	12/12/23 09:44	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/12/23 10:02	12/12/23 10:04	0.03	0.17 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/12/23 10:12	12/12/23 10:14	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			

**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, 2023 THROUGH MARCH 31, 2024									
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	12/12/23 11:12	12/12/23 11:14	0.03	0.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/12/23 11:24	12/12/23 11:26	0.03	0.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/12/23 16:48	12/12/23 16:50	0.03	15.27 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/12/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/13/23 08:04	12/13/23 08:06	0.03	15.27 hours	Flare shut down due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/13/2023	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	12/13/23 22:16	12/13/23 22:18	0.03	13.70 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/13/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/14/23 11:58	12/14/23 12:00	0.03	13.70 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/14/2023	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	12/14/23 12:18	12/14/23 12:20	0.03	0.07 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/14/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/14/23 12:22	12/14/23 12:24	0.03	0.07 hours	Flare shut down due to low temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/14/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/14/23 12:34	12/14/23 12:36	0.03	0.03 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/14/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/14/23 12:36	12/14/23 12:38	0.03	0.03 hours	Flare shut down due to high temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/14/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/14/23 15:32	12/14/23 15:34	0.03	0.23 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/14/2023	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	12/14/23 15:46	12/14/23 15:48	0.03	0.23 hours	Flare shut down due to low temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/14/2023	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	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, 2023 THROUGH MARCH 31, 2024								
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	12/14/23 16:10	12/14/23 16:12	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	12/14/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/14/23 16:14	12/14/23 16:16	0.03			113: Inspection and Maintenance	12/14/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/14/23 23:02	12/14/23 23:04	0.03	8.60 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	12/14/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/15/23 07:38	12/15/23 07:40	0.03			113: Inspection and Maintenance	12/15/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/16/23 08:16	12/16/23 08:18	0.03	1.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	12/16/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/16/23 09:40	12/16/23 09:42	0.03			113: Inspection and Maintenance	12/16/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/16/23 19:52	12/16/23 19:54	0.03	12.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	12/16/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/17/23 08:04	12/17/23 08:06	0.03			113: Inspection and Maintenance	12/17/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/17/23 23:56	12/17/23 23:58	0.03	8.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	12/17/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/18/23 08:04	12/18/23 08:06	0.03			113: Inspection and Maintenance	12/18/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/20/23 23:44	12/20/23 23:46	0.03	7.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	12/20/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/21/23 07:24	12/21/23 07:26	0.03			113: Inspection and Maintenance	12/21/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024								
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	12/22/23 09:50	12/22/23 09:52	0.03	0.27 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/22/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/22/23 10:06	12/22/23 10:08	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/22/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/24/23 05:56	12/24/23 05:58	0.03	4.27 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/24/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/24/23 10:12	12/24/23 10:14	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/24/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/25/23 08:14	12/25/23 08:16	0.03	3.80 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/25/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/25/23 12:02	12/25/23 12:04	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/25/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/26/23 08:50	12/26/23 08:52	0.03	0.43 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/26/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/26/23 09:16	12/26/23 09:18	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/26/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/26/23 12:18	12/26/23 12:20	0.03	0.33 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/26/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/26/23 12:38	12/26/23 12:40	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/26/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/26/23 17:16	12/26/23 17:18	0.03	14.10 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/26/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/27/23 07:22	12/27/23 07:24	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	12/27/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024									
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	12/27/23 09:38	12/27/23 09:40	0.03	0.30 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/27/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/27/23 09:56	12/27/23 09:58	0.03	0.23 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/27/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/29/23 09:30	12/29/23 09:32	0.03	0.23 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/29/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/29/23 09:44	12/29/23 09:46	0.03	0.23 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/29/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/30/23 15:52	12/30/23 15:54	0.03	17.97 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	12/30/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/31/23 09:50	12/31/23 09:52	0.03	0.10 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/31/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/31/23 11:10	12/31/23 11:12	0.03	0.10 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/31/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	12/31/23 11:16	12/31/23 11:18	0.03	0.10 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	12/31/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	1/02/24 23:46	1/02/24 23:48	0.03	5.93 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/2/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	1/03/24 05:42	1/03/24 05:44	0.03	0.43 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/3/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	1/03/24 05:50	1/03/24 05:52	0.03	0.43 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/3/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-7 Flare	1/03/24 06:16	1/03/24 06:18	0.03	0.43 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/3/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			



**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, 2023 THROUGH MARCH 31, 2024									
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	1/03/24 06:28	1/03/24 06:30	0.03	0.33 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/3/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/03/24 06:48	1/03/24 06:50	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/3/2024	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/03/24 07:00	1/03/24 07:02	0.03	0.80 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/3/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/03/24 07:48	1/03/24 07:50	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	1/3/2024	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/07/24 12:24	1/07/24 12:26	0.03	2.00 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/7/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/07/24 14:24	1/07/24 14:26	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/7/2024	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/09/24 12:04	1/09/24 12:06	0.03	0.60 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/9/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/09/24 12:40	1/09/24 12:42	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	1/9/2024	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/10/24 17:56	1/10/24 17:58	0.03	0.77 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/10/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/10/24 18:42	1/10/24 18:44	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	1/10/2024	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/10/24 20:12	1/10/24 20:14	0.03	0.27 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/10/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/10/24 20:28	1/10/24 20:30	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	1/10/2024	<input checked="" type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	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, 2023 THROUGH MARCH 31, 2024								
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	1/12/24 16:48	1/12/24 16:50	0.03	13.77 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/12/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		X Automatic
Component: A-7 Flare	1/13/24 06:34	1/13/24 06:36	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/13/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	1/14/24 16:58	1/14/24 17:00	0.03	2.37 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/14/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		X Automatic
Component: A-7 Flare	1/14/24 19:20	1/14/24 19:22	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/14/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	1/15/24 09:28	1/15/24 09:30	0.03	0.23 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/15/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		X Automatic
Component: A-7 Flare	1/15/24 09:42	1/15/24 09:44	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/15/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	1/15/24 16:14	1/15/24 16:16	0.03	0.77 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/15/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		X Automatic
Component: A-7 Flare	1/15/24 17:00	1/15/24 17:02	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/15/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	1/25/24 12:50	1/25/24 12:52	0.03	1.47 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/25/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		X Automatic
Component: A-7 Flare	1/25/24 14:18	1/25/24 14:20	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/25/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	1/25/24 14:28	1/25/24 14:30	0.03	0.13 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/25/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		X Automatic
Component: A-7 Flare	1/25/24 14:36	1/25/24 14:38	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/25/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024									
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	1/25/24 15:00	1/25/24 15:02	0.03	0.47 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/25/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/25/24 15:28	1/25/24 15:30	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/25/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/25/24 15:44	1/25/24 15:46	0.03	0.20 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/25/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/25/24 15:56	1/25/24 15:58	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/25/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/25/24 16:06	1/25/24 16:08	0.03	0.80 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/25/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/25/24 16:54	1/25/24 16:56	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/25/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/25/24 23:18	1/25/24 23:20	0.03	7.90 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	1/25/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/26/24 07:12	1/26/24 07:14	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/26/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/26/24 07:58	1/26/24 08:00	0.03	0.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/26/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/26/24 08:10	1/26/24 08:12	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/26/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/28/24 12:06	1/28/24 12:08	0.03	1.00 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/28/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/28/24 13:06	1/28/24 13:08	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	1/28/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	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, 2023 THROUGH MARCH 31, 2024									
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	1/28/24 15:30	1/28/24 15:32	0.03	1.30 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/28/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/28/24 16:48	1/28/24 16:50	0.03	1.30 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/28/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/28/24 18:24	1/28/24 18:26	0.03	11.53 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/28/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/29/24 05:56	1/29/24 05:58	0.03	11.53 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/29/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/29/24 06:00	1/29/24 06:02	0.03	2.47 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/29/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/29/24 08:28	1/29/24 08:30	0.03	2.47 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/29/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/30/24 10:12	1/30/24 10:14	0.03	0.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/30/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/30/24 10:24	1/30/24 10:26	0.03	0.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/30/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/30/24 23:16	1/30/24 23:18	0.03	8.93 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/30/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	1/31/24 08:12	1/31/24 08:14	0.03	8.93 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/31/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	1/31/24 21:48	1/31/24 21:50	0.03	9.70 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	1/31/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	2/01/24 07:30	2/01/24 07:32	0.03	9.70 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	2/1/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	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, 2023 THROUGH MARCH 31, 2024								
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	2/01/24 21:10	2/01/24 21:12	0.03	11.03 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	2/1/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	2/02/24 08:12	2/02/24 08:14	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	2/2/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	2/02/24 08:30	2/02/24 08:32	0.03	0.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	2/2/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	2/02/24 08:42	2/02/24 08:44	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	2/2/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	2/02/24 15:54	2/02/24 15:56	0.03	1.27 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	2/2/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	2/02/24 17:10	2/02/24 17:12	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	2/2/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	2/03/24 22:42	2/03/24 22:44	0.03	9.93 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	2/3/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	2/04/24 08:38	2/04/24 08:40	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	2/4/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	2/04/24 19:24	2/04/24 19:26	0.03	11.83 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	2/4/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	2/05/24 07:14	2/05/24 07:16	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	2/5/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	2/05/24 12:24	2/05/24 12:26	0.03	0.63 hours	Flare shut down due to Pacific Gas and Electric (PG&E) power outage.	<input type="checkbox"/> 113: Inspection and Maintenance	2/5/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	2/05/24 13:02	2/05/24 13:04	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	2/5/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024								
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	2/05/24 17:32	2/05/24 17:34	0.03	62.57 hours	Flare shut down due to PG&E power outage.	113: Inspection and Maintenance	2/5/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/08/24 08:06	2/08/24 08:08	0.03			113: Inspection and Maintenance	2/8/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	2/11/24 00:00	2/11/24 00:02	0.03	8.87 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/11/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/11/24 08:52	2/11/24 08:54	0.03			113: Inspection and Maintenance	2/11/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	2/11/24 16:24	2/11/24 16:26	0.03	0.90 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/11/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/11/24 17:18	2/11/24 17:20	0.03			113: Inspection and Maintenance	2/11/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	2/11/24 21:58	2/11/24 22:00	0.03	10.03 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/11/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/12/24 08:00	2/12/24 08:02	0.03			113: Inspection and Maintenance	2/12/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	2/13/24 11:02	2/13/24 11:04	0.03	0.63 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/13/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/13/24 11:40	2/13/24 11:42	0.03			113: Inspection and Maintenance	2/13/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	2/13/24 17:52	2/13/24 17:54	0.03	12.80 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/13/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/14/24 06:40	2/14/24 06:42	0.03			113: Inspection and Maintenance	2/14/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024								
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 116: Well Raising		Manual
<input checked="" type="checkbox"/> Startup Event	2/14/24 06:44	2/14/24 06:46	0.03	0.03 hours	Flare shut down due to high temperature.	<input checked="" type="checkbox"/> 117: Gas Collection	2/14/2024	X
<input checked="" type="checkbox"/> Shutdown Event						118: Construction Activities		
<input type="checkbox"/> Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising		Manual
<input checked="" type="checkbox"/> Startup Event	2/14/24 06:46	2/14/24 06:48	0.03			<input checked="" type="checkbox"/> 117: Gas Collection	2/14/2024	X
<input type="checkbox"/> Shutdown Event						118: Construction Activities		
<input type="checkbox"/> Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising		Manual
<input checked="" type="checkbox"/> Startup Event	2/14/24 06:52	2/14/24 06:54	0.03	0.07 hours	Flare shut down due to high temperature.	<input checked="" type="checkbox"/> 117: Gas Collection	2/14/2024	X
<input type="checkbox"/> Shutdown Event						118: Construction Activities		
<input type="checkbox"/> Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising		Manual
<input checked="" type="checkbox"/> Startup Event	2/14/24 06:56	2/14/24 06:58	0.03			<input checked="" type="checkbox"/> 117: Gas Collection	2/14/2024	X
<input type="checkbox"/> Shutdown Event						118: Construction Activities		
<input type="checkbox"/> Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising		Manual
<input checked="" type="checkbox"/> Startup Event	2/14/24 07:00	2/14/24 07:02	0.03	0.70 hours	Flare shut down due to high temperature.	<input checked="" type="checkbox"/> 117: Gas Collection	2/14/2024	X
<input type="checkbox"/> Shutdown Event						118: Construction Activities		
<input type="checkbox"/> Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising		Manual
<input checked="" type="checkbox"/> Startup Event	2/14/24 07:42	2/14/24 07:44	0.03			<input checked="" type="checkbox"/> 117: Gas Collection	2/14/2024	
<input type="checkbox"/> Shutdown Event						118: Construction Activities		
<input type="checkbox"/> Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising		Manual
<input type="checkbox"/> Startup Event	2/15/24 09:24	2/15/24 09:26	0.03	0.50 hours	Flare shut down due to flame failure.	<input checked="" type="checkbox"/> 117: Gas Collection	2/15/2024	X
<input type="checkbox"/> Shutdown Event						118: Construction Activities		
<input checked="" type="checkbox"/> Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising		Manual
<input checked="" type="checkbox"/> Startup Event	2/15/24 09:54	2/15/24 09:56	0.03			<input checked="" type="checkbox"/> 117: Gas Collection	2/15/2024	
<input type="checkbox"/> Shutdown Event						118: Construction Activities		
<input type="checkbox"/> Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising		Manual
<input type="checkbox"/> Startup Event	2/16/24 02:46	2/16/24 02:48	0.03	7.93 hours	Flare shut down due to flame failure.	<input checked="" type="checkbox"/> 117: Gas Collection	2/16/2024	X
<input type="checkbox"/> Shutdown Event						118: Construction Activities		
<input checked="" type="checkbox"/> Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising		Manual
<input checked="" type="checkbox"/> Startup Event	2/16/24 10:42	2/16/24 10:44	0.03			<input checked="" type="checkbox"/> 117: Gas Collection	2/16/2024	
<input type="checkbox"/> Shutdown Event						118: Construction Activities		
<input type="checkbox"/> Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising		Manual
<input checked="" type="checkbox"/> Startup Event	2/18/24 18:34	2/18/24 18:36	0.03	1.33 hours	Flare shut down due to high temperature.	<input checked="" type="checkbox"/> 117: Gas Collection	2/18/2024	X
<input type="checkbox"/> Shutdown Event						118: Construction Activities		
<input type="checkbox"/> Malfunction Event								
Component: A-7 Flare						113: Inspection and Maintenance 116: Well Raising		Manual
<input checked="" type="checkbox"/> Startup Event	2/18/24 19:54	2/18/24 19:56	0.03			<input checked="" type="checkbox"/> 117: Gas Collection	2/18/2024	
<input type="checkbox"/> Shutdown Event						118: Construction Activities		
<input type="checkbox"/> 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, 2023 THROUGH MARCH 31, 2024									
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	2/18/24 22:36	2/18/24 22:38	0.03	9.37 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	2/18/2024	X	Manual
<input type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> Malfunction Event						118: Construction Activities			
Component: A-7 Flare	2/19/24 07:58	2/19/24 08:00	0.03			113: Inspection and Maintenance	2/19/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> Malfunction Event						118: Construction Activities			
Component: A-7 Flare	2/19/24 13:40	2/19/24 13:42	0.03	18.43 hours	Flare shut down due to PG&E power outage.	113: Inspection and Maintenance	2/19/2024	X	Manual
<input type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> Malfunction Event						118: Construction Activities			
Component: A-7 Flare	2/20/24 08:06	2/20/24 08:08	0.03			113: Inspection and Maintenance	2/20/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> Malfunction Event						118: Construction Activities			
Component: A-7 Flare	2/23/24 19:56	2/23/24 19:58	0.03	12.00 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/23/2024	X	Manual
<input type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> Malfunction Event						118: Construction Activities			
Component: A-7 Flare	2/24/24 07:56	2/24/24 07:58	0.03			113: Inspection and Maintenance	2/24/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> Malfunction Event						118: Construction Activities			
Component: A-7 Flare	2/24/24 17:54	2/24/24 17:56	0.03	15.83 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/24/2024	X	Manual
<input type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> Malfunction Event						118: Construction Activities			
Component: A-7 Flare	2/25/24 09:44	2/25/24 09:46	0.03			113: Inspection and Maintenance	2/25/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> Malfunction Event						118: Construction Activities			
Component: A-7 Flare	2/25/24 13:54	2/25/24 13:56	0.03	18.80 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/25/2024	X	Manual
<input type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> Malfunction Event						118: Construction Activities			
Component: A-7 Flare	2/26/24 08:42	2/26/24 08:44	0.03			113: Inspection and Maintenance	2/26/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> Malfunction Event						118: Construction Activities			
Component: A-7 Flare	2/28/24 06:42	2/28/24 06:44	0.03	0.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/28/2024	X	Manual
<input type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> Malfunction Event						118: Construction Activities			
Component: A-7 Flare	2/28/24 06:48	2/28/24 06:50	0.03			113: Inspection and Maintenance	2/28/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						117: Gas Collection			
<input type="checkbox"/> 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, 2023 THROUGH MARCH 31, 2024								
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	2/28/24 08:14	2/28/24 08:16	0.03	0.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/28/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/28/24 08:38	2/28/24 08:40	0.03			113: Inspection and Maintenance	2/28/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	2/28/24 11:32	2/28/24 11:34	0.03	0.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/28/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/28/24 11:36	2/28/24 11:38	0.03			113: Inspection and Maintenance	2/28/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/28/24 18:24	2/28/24 18:26	0.03	11.63 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/28/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/29/24 06:02	2/29/24 06:04	0.03			113: Inspection and Maintenance	2/29/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	2/29/24 07:52	2/29/24 07:54	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/29/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/29/24 08:10	2/29/24 08:12	0.03			113: Inspection and Maintenance	2/29/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	2/29/24 10:56	2/29/24 10:58	0.03	0.87 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/29/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	2/29/24 11:48	2/29/24 11:50	0.03			113: Inspection and Maintenance	2/29/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	2/29/24 20:14	2/29/24 20:16	0.03	11.33 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	2/29/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	3/01/24 07:34	3/01/24 07:36	0.03			113: Inspection and Maintenance	3/1/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024								
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	3/01/24 20:30	3/01/24 20:32	0.03	10.97 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/1/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	3/02/24 07:28	3/02/24 07:30	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/2/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/03/24 04:38	3/03/24 04:40	0.03	5.67 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/3/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	3/03/24 10:18	3/03/24 10:20	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/3/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/03/24 19:36	3/03/24 19:38	0.03	12.43 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/3/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	3/04/24 08:02	3/04/24 08:04	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/4/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/04/23 10:38	3/04/23 10:40	0.03	0.20 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/4/2023	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	3/04/23 10:50	3/04/23 10:52	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/4/2023	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	3/04/24 16:10	3/04/24 16:12	0.03	15.57 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/4/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	3/05/24 07:44	3/05/24 07:46	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/5/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/05/24 22:26	3/05/24 22:28	0.03	7.77 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/5/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	3/06/24 06:12	3/06/24 06:14	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/6/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024								
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	3/07/24 20:58	3/07/24 21:00	0.03	9.43 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	3/7/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	3/08/24 06:24	3/08/24 06:26	0.03			113: Inspection and Maintenance	3/8/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	3/11/24 00:34	3/11/24 00:36	0.03	7.63 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	3/11/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	3/11/24 08:12	3/11/24 08:14	0.03			113: Inspection and Maintenance	3/11/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	3/12/24 10:52	3/12/24 10:54	0.03	0.70 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	3/12/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	3/12/24 11:34	3/12/24 11:36	0.03			113: Inspection and Maintenance	3/12/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	3/14/24 10:16	3/14/24 10:18	0.03	21.87 hours	Flare shut down due to a Pacific Gas and Electric (PG&E) power outage.	113: Inspection and Maintenance	3/14/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	3/15/24 08:08	3/15/24 08:10	0.03			113: Inspection and Maintenance	3/15/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	3/15/24 08:10	3/15/24 08:12	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	3/15/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	3/15/24 08:14	3/15/24 08:16	0.03			113: Inspection and Maintenance	3/15/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	3/15/24 22:04	3/15/24 22:06	0.03	8.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	3/15/2024	Manual
<input type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	3/16/24 07:00	3/16/24 07:02	0.03			113: Inspection and Maintenance	3/16/2024	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising		
<input type="checkbox"/> Shutdown Event						117: Gas Collection		
<input type="checkbox"/> Malfunction Event						118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024								
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	3/19/24 07:58	3/19/24 08:00	0.03	0.30 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/19/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/19/24 08:16	3/19/24 08:18	0.03	1.37 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/19/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/19/24 09:24	3/19/24 09:26	0.03	1.37 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/19/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/19/24 10:46	3/19/24 10:48	0.03	0.03 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/19/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/19/24 10:48	3/19/24 10:50	0.03	0.03 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/19/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/19/24 10:50	3/19/24 10:52	0.03	0.67 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/19/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/20/24 05:26	3/20/24 05:28	0.03	0.67 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/20/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/20/24 06:06	3/20/24 06:08	0.03	0.13 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/20/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/20/24 06:18	3/20/24 06:20	0.03	0.60 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/20/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/20/24 06:26	3/20/24 06:28	0.03	0.60 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/20/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/20/24 09:26	3/20/24 09:28	0.03	0.60 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/20/2024	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	3/20/24 10:02	3/20/24 10:04	0.03	0.60 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/20/2024	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		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, 2023 THROUGH MARCH 31, 2024									
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	3/20/24 16:50	3/20/24 16:52	0.03	14.73 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/20/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/21/24 07:34	3/21/24 07:36	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/21/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	3/21/24 07:54	3/21/24 07:56	0.03	0.23 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/21/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/21/24 08:08	3/21/24 08:10	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	3/21/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	3/21/24 09:08	3/21/24 09:10	0.03	0.27 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/21/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/21/24 09:24	3/21/24 09:26	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/21/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	3/21/24 16:28	3/21/24 16:30	0.03	0.70 hours	Flare shut down due to a PG&E power outage.	<input type="checkbox"/> 113: Inspection and Maintenance	3/21/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/21/24 17:10	3/21/24 17:12	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/21/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	3/24/24 06:34	3/24/24 06:36	0.03	0.63 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/24/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/24/24 07:12	3/24/24 07:14	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/24/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	3/24/24 21:48	3/24/24 21:50	0.03	8.30 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/24/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/25/24 06:06	3/25/24 06:08	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/25/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	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, 2023 THROUGH MARCH 31, 2024									
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	3/25/24 07:32	3/25/24 07:34	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	3/25/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X
Component: A-7 Flare	3/25/24 07:36	3/25/24 07:38	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	3/25/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X
Component: A-7 Flare	3/25/24 10:18	3/25/24 10:20	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/25/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X
Component: A-7 Flare	3/25/24 10:22	3/25/24 10:24	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/25/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X
Component: A-7 Flare	3/25/24 18:20	3/25/24 18:22	0.03	0.63 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/25/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X
Component: A-7 Flare	3/25/24 18:58	3/25/24 19:00	0.03	0.63 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/25/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X
Component: A-7 Flare	3/26/24 06:50	3/26/24 06:52	0.03	0.83 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/26/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X
Component: A-7 Flare	3/26/24 07:40	3/26/24 07:42	0.03	0.83 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/26/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X
Component: A-7 Flare	3/26/24 08:38	3/26/24 08:40	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/26/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X
Component: A-7 Flare	3/26/24 08:48	3/26/24 08:50	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/26/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X
Component: A-7 Flare	3/27/24 23:44	3/27/24 23:46	0.03	6.37 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/27/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X
Component: A-7 Flare	3/28/24 06:06	3/28/24 06:08	0.03	6.37 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/28/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						117: Gas Collection			X

**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, 2023 THROUGH MARCH 31, 2024									
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	3/28/24 16:06	3/28/24 16:08	0.03	0.70 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/28/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/28/24 16:48	3/28/24 16:50	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/28/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	3/30/24 12:02	3/30/24 12:04	0.03	1.17 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/30/24 13:12	3/30/24 13:14	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	3/30/24 14:04	3/30/24 14:06	0.03	0.47 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/30/24 14:32	3/30/24 14:34	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	3/30/24 17:26	3/30/24 17:28	0.03	0.83 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/30/24 18:16	3/30/24 18:18	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	Automatic
Component: A-7 Flare	3/30/24 18:22	3/30/24 18:24	0.03	0.07 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/30/24 18:26	3/30/24 18:28	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/30/24 21:10	3/30/24 21:12	0.03	0.60 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	<input type="checkbox"/>	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input checked="" type="checkbox"/>	Automatic
Component: A-7 Flare	3/30/24 21:46	3/30/24 21:48	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	<input type="checkbox"/>	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		<input type="checkbox"/>	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, 2023 THROUGH MARCH 31, 2024									
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	3/30/24 22:32	3/30/24 22:34	0.03	0.50 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/30/2024	X	Manual
116: Well Raising						Automatic			
117: Gas Collection						Automatic			
Component: A-7 Flare	3/30/24 23:02	3/30/24 23:04	0.03	0.50 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/30/2024	X	Manual
116: Well Raising						Automatic			
117: Gas Collection						Automatic			
Component: A-7 Flare	3/31/24 04:24	3/31/24 04:26	0.03	2.03 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/31/2024	X	Manual
116: Well Raising						Automatic			
117: Gas Collection						Automatic			
Component: A-7 Flare	3/31/24 06:26	3/31/24 06:28	0.03	2.03 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/31/2024	X	Manual
116: Well Raising						Automatic			
117: Gas Collection						Automatic			
Component: A-7 Flare	3/31/24 12:30	3/31/24 12:32	0.03	1.93 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/31/2024	X	Manual
116: Well Raising						Automatic			
117: Gas Collection						Automatic			
Component: A-7 Flare	3/31/24 14:26	3/31/24 14:28	0.03	1.93 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/31/2024	X	Manual
116: Well Raising						Automatic			
117: Gas Collection						Automatic			
Component: A-7 Flare	3/31/24 16:02	3/31/24 16:04	0.03	3.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/31/2024	X	Manual
116: Well Raising						Automatic			
117: Gas Collection						Automatic			
Component: A-7 Flare	3/31/24 19:06	3/31/24 19:08	0.03	3.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	3/31/2024	X	Manual
116: Well Raising						Automatic			
117: Gas Collection						Automatic			

TOTAL DOWNTIME HOURS:	<b>915.67</b>
TOTAL AVAILABLE HOURS:	<b>4,392.00</b>
TOTAL REPORTING PERIOD RUNTIME (HOURS):	<b>3476.33</b>
RUNTIME PERCENTAGE:	<b>79.15%</b>



**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, 2023 THROUGH MARCH 31, 2024								
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, 2023 through March 31, 2024.	113: Inspection and Maintenance		Manual
Startup Event				116: Well Raising				
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		
Shutdown Event					117: Gas Collection		Automatic	
Malfunction Event					118: Construction Activities			

TOTAL DOWNTIME HOURS:	<b>4,392.00</b>
TOTAL AVAILABLE HOURS:	<b>4,392.00</b>
TOTAL REPORTING PERIOD RUNTIME (HOURS):	<b>0.00</b>
RUNTIME PERCENTAGE:	<b>0.00%</b>

**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, 2023 THROUGH MARCH 31, 2024									
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 <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare				63.00 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/3/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare				2.60 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/3/2023	X	Manual
X Startup Event	10/03/23 15:00	10/03/23 15:02	0.03			<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare				2.60 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/3/2023	X	Manual
<input type="checkbox"/> Startup Event	10/03/23 20:50	10/03/23 20:52	0.03			<input type="checkbox"/> 116: Well Raising			Automatic
X Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare				6.73 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/4/2023	X	Manual
<input type="checkbox"/> Startup Event	10/04/23 09:12	10/04/23 09:14	0.03			<input type="checkbox"/> 116: Well Raising			Automatic
X Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare				49.50 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/4/2023	X	Manual
<input type="checkbox"/> Startup Event	10/04/23 15:56	10/04/23 15:58	0.03			<input type="checkbox"/> 116: Well Raising			Automatic
X Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare				0.47 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/6/2023	X	Manual
<input type="checkbox"/> Startup Event	10/06/23 18:40	10/06/23 18:42	0.03			<input type="checkbox"/> 116: Well Raising			Automatic
X Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare				0.73 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/7/2023	X	Manual
<input type="checkbox"/> Startup Event	10/06/23 18:48	10/06/23 18:50	0.03			<input type="checkbox"/> 116: Well Raising			Automatic
X Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare				0.73 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/7/2023	X	Manual
<input type="checkbox"/> Startup Event	10/06/23 19:16	10/06/23 19:18	0.03			<input type="checkbox"/> 116: Well Raising			Automatic
X Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare				0.73 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/7/2023	X	Manual
<input type="checkbox"/> Startup Event	10/07/23 10:32	10/07/23 10:34	0.03			<input type="checkbox"/> 116: Well Raising			Automatic
X Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare				0.73 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/7/2023	X	Manual
<input type="checkbox"/> Startup Event	10/07/23 11:16	10/07/23 11:18	0.03			<input type="checkbox"/> 116: Well Raising			Automatic
X Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			

**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, 2023 THROUGH MARCH 31, 2024									
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 <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare	10/07/23 15:12	10/07/23 15:14	0.03	0.80 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/7/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/07/23 16:00	10/07/23 16:02	0.03	89.63 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/7/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/07/23 16:48	10/07/23 16:50	0.03	162.50 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/7/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/11/23 10:26	10/11/23 10:28	0.03	1.10 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/11/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/11/23 12:16	10/11/23 12:18	0.03	101.23 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/11/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/18/23 06:46	10/18/23 06:48	0.03	1.10 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/18/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/18/23 07:44	10/18/23 07:46	0.03	101.23 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/18/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/18/23 08:50	10/18/23 08:52	0.03	0.10 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/18/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/18/23 09:52	10/18/23 09:54	0.03	0.10 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/18/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/22/23 15:06	10/22/23 15:08	0.03	0.10 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/22/23 15:08	10/22/23 15:10	0.03	0.10 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/22/23 15:14	10/22/23 15:16	0.03	0.10 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
Component: A-9 Flare	10/22/23 15:14	10/22/23 15:16	0.03	0.10 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			

**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, 2023 THROUGH MARCH 31, 2024									
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 <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare	10/22/23 16:26	10/22/23 16:28	0.03	1.23 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	10/22/23 17:40	10/22/23 17:42	0.03	0.10 hours	Flare shut down due to inlet valve failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/22/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	10/24/23 16:46	10/24/23 16:48	0.03	0.10 hours	Flare shut down due to inlet valve failure.	<input type="checkbox"/> 113: Inspection and Maintenance	10/24/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	10/24/23 16:52	10/24/23 16:54	0.03	0.10 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/24/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	10/24/23 16:54	10/24/23 16:56	0.03	0.10 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/24/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	10/24/23 17:00	10/24/23 17:02	0.03	65.33 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/24/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	10/27/23 11:20	10/27/23 11:22	0.03	0.07 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/27/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	10/27/23 11:52	10/27/23 11:54	0.03	77.80 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/27/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	10/27/23 11:56	10/27/23 11:58	0.03	0.07 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/27/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	10/28/23 10:44	10/28/23 10:46	0.03	77.80 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/28/2023	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	10/31/23 16:32	10/31/23 16:34	0.03	77.80 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/31/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								

**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, 2023 THROUGH MARCH 31, 2024													
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 <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)					
Component: A-9 Flare	10/31/23 17:38	10/31/23 17:40	0.03	248.30 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	10/31/2023	X	Manual				
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic				
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection							
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												
Component: A-9 Flare	11/11/23 00:56	11/11/23 00:58	0.03			0.07 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/11/2023	X	Manual		
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising			Automatic		
<input type="checkbox"/> Shutdown Event								<input checked="" type="checkbox"/> 117: Gas Collection					
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												
Component: A-9 Flare	11/11/23 02:00	11/11/23 02:02	0.03					0.07 hours	Flare shut down due to low temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/11/2023	X	Manual
<input type="checkbox"/> Startup Event										<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event				<input checked="" type="checkbox"/> 117: Gas Collection									
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												
Component: A-9 Flare	11/11/23 02:04	11/11/23 02:06	0.03	0.07 hours	Flare shut down due to low temperature.					<input type="checkbox"/> 113: Inspection and Maintenance	11/11/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event										<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection							
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												
Component: A-9 Flare	11/11/23 06:30	11/11/23 06:32	0.03			203.83 hours	Flare shut down due to low temperature.			<input type="checkbox"/> 113: Inspection and Maintenance	11/11/2023	X	Manual
<input type="checkbox"/> Startup Event										<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event								<input checked="" type="checkbox"/> 117: Gas Collection					
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												
Component: A-9 Flare	11/19/23 18:20	11/19/23 18:22	0.03					15.07 hours	Flare shut down due to low temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/19/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event										<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event				<input checked="" type="checkbox"/> 117: Gas Collection									
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												
Component: A-9 Flare	11/19/23 18:36	11/19/23 18:38	0.03	15.07 hours	Flare shut down due to low temperature.					<input type="checkbox"/> 113: Inspection and Maintenance	11/19/2023	X	Manual
<input type="checkbox"/> Startup Event										<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection							
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												
Component: A-9 Flare	11/20/23 09:40	11/20/23 09:42	0.03			0.27 hours	Flare shut down due to high temperature.			<input type="checkbox"/> 113: Inspection and Maintenance	11/20/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event										<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event								<input checked="" type="checkbox"/> 117: Gas Collection					
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												
Component: A-9 Flare	11/20/23 09:42	11/20/23 09:44	0.03					0.27 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/20/2023	X	Manual
<input type="checkbox"/> Startup Event										<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event				<input checked="" type="checkbox"/> 117: Gas Collection									
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												
Component: A-9 Flare	11/20/23 09:58	11/20/23 10:00	0.03	0.17 hours	Flare shut down due to inlet valve failure.					<input type="checkbox"/> 113: Inspection and Maintenance	11/20/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event										<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection							
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												
Component: A-9 Flare	11/20/23 11:32	11/20/23 11:34	0.03			0.17 hours	Flare shut down due to inlet valve failure.			<input type="checkbox"/> 113: Inspection and Maintenance	11/20/2023	X	Manual
<input type="checkbox"/> Startup Event										<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event								<input checked="" type="checkbox"/> 117: Gas Collection					
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												
Component: A-9 Flare	11/20/23 11:42	11/20/23 11:44	0.03					0.17 hours	Flare shut down due to inlet valve failure.	<input type="checkbox"/> 113: Inspection and Maintenance	11/20/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event										<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event				<input checked="" type="checkbox"/> 117: Gas Collection									
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities												

**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, 2023 THROUGH MARCH 31, 2024									
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 <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare	11/20/23 11:48	11/20/23 11:50	0.03	187.57 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/20/2023	X	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	11/28/23 07:22	11/28/23 07:24	0.03	150.60 hours	Flare shut down due to high temperature.	<input type="checkbox"/> 113: Inspection and Maintenance	11/28/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	11/28/23 07:46	11/28/23 07:48	0.03	641.80 hours	Flare shut down due to Ameresco landfill gas to energy (LFGTE) plant operation.	<input type="checkbox"/> 113: Inspection and Maintenance	12/4/2023	X	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	12/04/23 14:22	12/04/23 14:24	0.03	1.43 hours	Flare shut down due to LFGTE plant operation.	<input type="checkbox"/> 113: Inspection and Maintenance	12/31/2023	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	12/04/23 14:44	12/04/23 14:46	0.03	246.73 hours	Flare shut down due to Ameresco LFGTE plant operation.	<input type="checkbox"/> 113: Inspection and Maintenance	12/31/2023	X	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	12/31/23 08:32	12/31/23 08:34	0.03	63.93 hours	Flare shut down due to Ameresco LFGTE plant operations.	<input type="checkbox"/> 113: Inspection and Maintenance	1/12/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	12/31/23 09:20	12/31/23 09:22	0.03	1/10/24 17:46	1/10/24 17:48	<input type="checkbox"/> 113: Inspection and Maintenance	1/10/2024	X	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	12/31/23 11:02	12/31/23 11:04	0.03	1/12/24 17:34	1/12/24 17:36	<input type="checkbox"/> 113: Inspection and Maintenance	1/12/2024	X	Manual
<input type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	1/10/24 17:46	1/10/24 17:48	0.03	1/15/24 09:30	1/15/24 09:32	<input type="checkbox"/> 113: Inspection and Maintenance	1/15/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								
Component: A-9 Flare	1/12/24 17:34	1/12/24 17:36	0.03	1/15/24 09:30	1/15/24 09:32	<input type="checkbox"/> 113: Inspection and Maintenance	1/15/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input checked="" type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities								

**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, 2023 THROUGH MARCH 31, 2024									
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 <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare	1/15/24 16:38	1/15/24 16:40	0.03	817.87 hours	Flare shut down due to Ameresco LFGTE plant operations.	<input type="checkbox"/> 113: Inspection and Maintenance	1/15/2024	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare	2/18/24 18:30	2/18/24 18:32	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	2/18/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare	2/18/24 18:42	2/18/24 18:44	0.03	0.23 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	2/18/2024	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare	2/18/24 18:56	2/18/24 18:58	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	2/18/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare	2/18/24 22:32	2/18/24 22:34	0.03	539.57 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	2/18/2024	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare	3/12/24 11:06	3/12/24 11:08	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/12/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare	3/12/24 11:12	3/12/24 11:14	0.03	47.40 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/12/2024	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare	3/14/24 10:36	3/14/24 10:38	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/14/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare	3/14/24 10:50	3/14/24 10:52	0.03	0.20 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/14/2024	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare	3/14/24 11:02	3/14/24 11:04	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/14/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare	3/14/24 11:08	3/14/24 11:10	0.03	164.83 hours	Flare shut down due to a Pacific Gas and Electric (PG&E) power outage.	<input type="checkbox"/> 113: Inspection and Maintenance	3/14/2024	X	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			
Component: A-9 Flare	3/21/24 07:58	3/21/24 08:00	0.03			<input type="checkbox"/> 113: Inspection and Maintenance	3/21/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection			
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities			

**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, 2023 THROUGH MARCH 31, 2024											
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 <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)			
Component: A-9 Flare	3/21/24 08:04	3/21/24 08:06	0.03	0.07 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/21/2024	X	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising			Automatic		
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection					
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities										
Component: A-9 Flare	3/21/24 08:08	3/21/24 08:10	0.03			105.37 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/21/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event				<input checked="" type="checkbox"/> 117: Gas Collection							
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities										
Component: A-9 Flare	3/21/24 08:56	3/21/24 08:58	0.03	46.23 hours	Flare shut down due to flame failure.			<input type="checkbox"/> 113: Inspection and Maintenance	3/21/2024	X	Manual
<input type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection					
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities										
Component: A-9 Flare	3/25/24 18:18	3/25/24 18:20	0.03			46.23 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/25/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event				<input checked="" type="checkbox"/> 117: Gas Collection							
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities										
Component: A-9 Flare	3/28/24 19:10	3/28/24 19:12	0.03	0.90 hours	Flare shut down due to flame failure.			<input type="checkbox"/> 113: Inspection and Maintenance	3/28/2024	X	Manual
<input type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection					
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities										
Component: A-9 Flare	3/30/24 17:24	3/30/24 17:26	0.03			0.90 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event				<input checked="" type="checkbox"/> 117: Gas Collection							
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities										
Component: A-9 Flare	3/30/24 20:12	3/30/24 20:14	0.03	0.90 hours	Flare shut down due to flame failure.			<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	X	Manual
<input type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event						<input checked="" type="checkbox"/> 117: Gas Collection					
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities										
Component: A-9 Flare	3/30/24 21:06	3/30/24 21:08	0.03			0.90 hours	Flare shut down due to flame failure.	<input type="checkbox"/> 113: Inspection and Maintenance	3/30/2024	X	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising			Automatic
<input type="checkbox"/> Shutdown Event				<input checked="" type="checkbox"/> 117: Gas Collection							
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities										

TOTAL DOWNTIME HOURS:	<b>4,105.47</b>
TOTAL AVAILABLE HOURS:	<b>4,392.00</b>
TOTAL REPORTING PERIOD RUNTIME (HOURS):	<b>286.53</b>
RUNTIME PERCENTAGE:	<b>6.52%</b>



**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, 2023 THROUGH MARCH 31, 2024**

Shutdown Date/Time mm/dd/yy him	Startup Date/time mm/dd/yy him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
10/1/23 10:36	45200.46875	0.65	4	Unplanned	Engine	Reconfigure, Replace, and Restart
10/3/23 14:31	10/3/23 20:35	6.07	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/3/23 14:33	10/3/23 20:45	6.20	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/3/23 14:35	10/3/23 20:38	6.05	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/3/23 14:38	10/3/23 20:30	5.87	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/3/23 14:39	10/3/23 20:40	6.02	5	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
10/3/23 14:42	10/3/23 20:43	6.02	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/3/23 20:47	10/3/23 20:57	0.17	6	Unplanned	Engine	Replace, and Restart
10/3/23 21:50	10/3/23 22:01	0.18	5	Unplanned	Engine	Replace, and Restart
10/3/23 23:21	10/4/23 8:41	9.33	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/3/23 23:21	10/4/23 8:34	9.22	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/3/23 23:21	10/4/23 9:12	9.85	5	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
10/3/23 23:21	10/4/23 8:47	9.43	2	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
10/3/23 23:21	10/4/23 8:56	9.58	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/3/23 23:21	10/4/23 14:17	14.93	3	Planned	Engine	Reconfigure, Replace, and Restart
10/4/23 15:44	10/4/23 17:05	1.35	5	Unplanned	Oxygen Levels	Restart Only
10/4/23 15:48	10/4/23 16:24	0.60	4	Unplanned	Oxygen Levels	Restart Only
10/4/23 15:48	10/4/23 16:31	0.72	6	Unplanned	Oxygen Levels	Restart Only
10/4/23 15:48	10/4/23 16:43	0.92	1	Unplanned	Oxygen Levels	Restart Only
10/4/23 15:48	10/4/23 16:33	0.75	3	Unplanned	Oxygen Levels	Restart Only
10/4/23 15:48	10/4/23 16:39	0.85	2	Unplanned	Oxygen Levels	Restart Only
10/4/23 16:37	10/4/23 17:14	0.62	6	Unplanned	Engine	Repair, Replace, and
10/4/23 17:07	10/4/23 17:17	0.17	1	Unplanned	Landfill Blower Flare Controls	Restart Only
10/5/23 8:24	10/5/23 9:52	1.47	6	Unplanned	Generator	Restart Only
10/5/23 13:04	10/5/23 13:43	0.65	5	Unplanned	Engine	Reconfigure, Replace, and Restart
10/5/23 13:13	10/5/23 14:33	1.33	6	Unplanned	Electrical	Repair, and Restart
10/5/23 14:38	10/5/23 15:03	0.42	5	Unplanned	Engine	Restart Only
10/5/23 15:42	10/5/23 16:30	0.80	5	Unplanned	Engine	Replace, and Restart
10/5/23 17:06	10/5/23 17:29	0.38	5	Unplanned	Electrical	Restart Only
10/6/23 18:36	10/7/23 16:51	22.25	2	Unplanned	Line / Substation Maintenance	Restart Only
10/6/23 18:36	10/7/23 16:45	22.15	3	Unplanned	Line / Substation Maintenance	Restart Only
10/6/23 18:36	10/7/23 16:56	22.33	1	Unplanned	Line / Substation Maintenance	Restart Only
10/6/23 18:36	10/7/23 17:03	22.45	5	Unplanned	Line / Substation Maintenance	Restart Only
10/6/23 18:37	10/7/23 17:05	22.47	6	Unplanned	Line / Substation Maintenance	Restart Only
10/6/23 18:38	10/7/23 17:00	22.37	4	Unplanned	Line / Substation Maintenance	Restart Only
10/9/23 8:13	10/12/23 13:52	77.65	6	Unplanned	Generator	Replace, and Restart
10/11/23 9:03	10/11/23 12:14	3.18	2	Unplanned	Other	Restart Only
10/11/23 9:03	10/11/23 12:01	2.97	3	Unplanned	Other	Restart Only
10/11/23 9:03	10/11/23 11:50	2.78	1	Unplanned	Other	Restart Only
10/11/23 9:03	10/11/23 11:56	2.88	5	Unplanned	Other	Restart Only
10/11/23 9:05	10/11/23 11:53	2.80	4	Unplanned	Other	Restart Only
10/12/23 14:27	10/12/23 15:23	0.93	6	Unplanned	Generator	Restart Only
10/12/23 14:51	10/12/23 15:20	0.48	5	Unplanned	Engine	Restart Only
10/13/23 10:31	10/13/23 15:19	4.80	6	Unplanned	Generator	Reconfigure, and Restart
10/17/23 10:58	10/17/23 16:17	5.32	3	Unplanned	Engine	Reconfigure, and Restart
10/18/23 6:38	10/18/23 7:32	0.90	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only

# 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, 2023 THROUGH MARCH 31, 2024

Shutdown Date/Time mm/dd/yy him	Startup Date/time mm/dd/yy him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
10/18/23 6:38	10/18/23 7:21	0.72	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/18/23 6:38	10/18/23 7:26	0.80	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/18/23 6:38	10/18/23 7:35	0.95	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/18/23 6:38	10/18/23 7:30	0.87	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/18/23 6:38	10/18/23 17:28	10.83	1	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, Replace, and Restart
10/18/23 8:32	10/18/23 9:36	1.07	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/18/23 8:33	10/18/23 9:43	1.17	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/18/23 8:33	10/18/23 9:45	1.20	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/18/23 8:33	10/18/23 9:32	0.98	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/18/23 8:33	10/18/23 9:40	1.12	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/21/23 23:35	10/22/23 13:10	13.58	1	Unplanned	SCR / Catalyst / CEMS	Restart Only
10/22/23 13:10	10/24/23 18:40	53.50	1	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, Replace, and Restart
10/22/23 15:10	10/24/23 17:49	50.65	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/22/23 15:10	10/24/23 17:20	50.17	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/22/23 15:10	10/24/23 17:52	50.70	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/22/23 15:10	10/24/23 17:25	50.25	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/22/23 15:10	10/24/23 17:44	50.57	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
10/24/23 19:39	10/25/23 8:42	13.05	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
10/25/23 8:58	10/25/23 10:10	1.20	1	Unplanned	SCR / Catalyst / CEMS	Restart Only
10/25/23 10:34	10/25/23 10:47	0.22	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
10/25/23 13:13	10/25/23 13:57	0.73	6	Unplanned	Engine	Restart Only
10/25/23 14:08	10/25/23 14:23	0.25	6	Unplanned	Engine	Restart Only
10/25/23 17:58	10/25/23 18:49	0.85	6	Unplanned	Engine	Restart Only
10/26/23 8:06	10/26/23 8:22	0.27	6	Unplanned	Engine	Replace, and Restart
10/26/23 8:32	10/26/23 8:42	0.17	6	Unplanned	Engine	Replace, and Restart
10/26/23 22:01	10/27/23 7:31	9.50	6	Unplanned	Engine	Restart Only
10/27/23 1:24	10/27/23 9:46	8.37	4	Unplanned	Dehy. Skid / Condensate	Restart Only
10/27/23 11:00	10/27/23 12:32	1.53	6	Unplanned	Dehy. Skid / Condensate	Restart Only
10/27/23 11:00	10/28/23 10:25	23.42	4	Unplanned	Dehy. Skid / Condensate	Restart Only
10/27/23 11:00	10/28/23 10:38	23.63	2	Unplanned	Dehy. Skid / Condensate	Restart Only
10/27/23 11:00	10/28/23 11:08	24.13	3	Unplanned	Dehy. Skid / Condensate	Restart Only
10/27/23 11:00	10/28/23 10:20	23.33	1	Unplanned	Dehy. Skid / Condensate	Restart Only
10/27/23 11:00	10/28/23 10:31	23.52	5	Unplanned	Dehy. Skid / Condensate	Restart Only
10/27/23 16:07	10/28/23 15:00	22.88	6	Unplanned	Dehy. Skid / Condensate	Repair, and Restart
10/28/23 15:12	10/28/23 15:37	0.42	6	Unplanned	Engine	Restart Only
10/28/23 15:46	10/28/23 15:56	0.17	6	Unplanned	Engine	Restart Only
10/29/23 6:49	10/29/23 7:02	0.22	6	Unplanned	Engine	Replace, and Restart
10/29/23 7:03	10/30/23 19:03	36.00	6	Unplanned	Engine	Repair, and Restart
10/30/23 19:10	10/30/23 19:21	0.18	6	Unplanned	Engine	Restart Only
10/30/23 19:32	10/30/23 20:25	0.88	6	Unplanned	Engine	Restart Only
10/31/23 16:20	10/31/23 17:53	1.55	6	Unplanned	Other	Restart Only
10/31/23 16:20	10/31/23 16:48	0.47	4	Unplanned	Other	Restart Only
10/31/23 16:20	10/31/23 16:52	0.53	1	Unplanned	Other	Restart Only
10/31/23 16:20	10/31/23 16:46	0.43	3	Unplanned	Other	Restart Only
10/31/23 16:20	10/31/23 16:57	0.62	5	Unplanned	Other	Restart Only
10/31/23 16:20	10/31/23 16:51	0.52	2	Unplanned	Other	Restart Only

# 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, 2023 THROUGH MARCH 31, 2024

Shutdown Date/Time mm/dd/yy him	Startup Date/time mm/dd/yy him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
11/1/23 12:08	11/1/23 17:02	4.90	4	Planned	Engine	Reconfigure, Replace, and Restart
11/3/23 12:21	11/3/23 15:50	3.48	6	Unplanned	Engine	Repair, and Restart
11/6/23 10:39	11/6/23 15:35	4.93	6	Unplanned	Engine	Replace, and Restart
11/10/23 23:29	11/11/23 6:46	7.28	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/10/23 23:29	11/11/23 6:26	6.95	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/10/23 23:29	11/11/23 6:33	7.07	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/10/23 23:29	11/11/23 6:40	7.18	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/10/23 23:29	11/11/23 6:37	7.13	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/10/23 23:29	11/11/23 6:42	7.22	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/11/23 6:50	11/11/23 6:56	0.10	6	Unplanned	Engine	Restart Only
11/12/23 7:38	11/13/23 7:37	23.98	4	Unplanned	Engine	Restart Only
11/13/23 9:43	11/13/23 13:45	4.03	4	Unplanned	Engine	Replace, and Restart
11/14/23 12:21	11/14/23 13:16	0.92	2	Unplanned	Engine	Replace, and Restart
11/15/23 11:23	11/15/23 13:47	2.40	5	Unplanned	Engine	Replace, and Restart
11/16/23 4:11	11/16/23 6:37	2.43	5	Unplanned	Engine	Restart Only
11/17/23 11:42	11/17/23 16:02	4.33	1	Unplanned	Engine	Reconfigure, and Restart
11/19/23 17:34	11/19/23 18:18	0.73	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/19/23 17:34	11/19/23 18:35	1.02	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/19/23 17:34	11/19/23 18:27	0.88	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/19/23 17:34	11/19/23 18:27	0.88	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/19/23 17:34	11/19/23 18:33	0.98	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/19/23 17:34	11/19/23 18:41	1.12	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/20/23 9:34	11/20/23 11:52	2.30	2	Unplanned	Line / Substation Maintenance	Restart Only
11/20/23 9:34	11/20/23 11:46	2.20	3	Unplanned	Line / Substation Maintenance	Restart Only
11/20/23 9:34	11/20/23 11:45	2.18	1	Unplanned	Line / Substation Maintenance	Restart Only
11/20/23 9:34	11/20/23 11:46	2.20	5	Unplanned	Line / Substation Maintenance	Restart Only
11/20/23 9:36	11/20/23 11:47	2.18	4	Unplanned	Line / Substation Maintenance	Restart Only
11/20/23 9:36	11/20/23 11:42	2.10	6	Unplanned	Line / Substation Maintenance	Restart Only
11/21/23 13:37	11/21/23 15:12	1.58	1	Unplanned	Generator	Repair, and Restart
11/21/23 13:37	11/21/23 15:12	1.58	1	Unplanned	Generator	Repair, and Restart
11/21/23 17:17	11/21/23 17:36	0.32	5	Unplanned	Engine	Restart Only
11/25/23 18:29	11/25/23 20:51	2.37	4	Unplanned	Generator	Restart Only
11/25/23 21:07	11/25/23 21:14	0.12	4	Unplanned	Generator	Restart Only
11/25/23 21:38	11/25/23 21:45	0.12	4	Unplanned	Generator	Restart Only
11/27/23 10:29	11/27/23 10:40	0.18	4	Unplanned	Generator	Restart Only
11/27/23 17:19	11/27/23 18:02	0.72	4	Unplanned	Electrical	Restart Only
11/28/23 6:24	11/28/23 7:41	1.28	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/28/23 6:24	11/28/23 7:34	1.17	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/28/23 6:24	11/28/23 8:08	1.73	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/28/23 6:24	11/28/23 7:36	1.20	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/28/23 6:24	11/28/23 7:51	1.45	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
11/28/23 6:24	11/28/23 7:43	1.32	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/1/23 8:14	12/1/23 17:18	9.07	2	Planned	Engine	Reconfigure, Replace, and Restart
12/5/23 7:25	12/5/23 8:02	0.62	1	Unplanned	Engine	Replace, and Restart
12/5/23 9:41	12/5/23 10:22	0.68	2	Unplanned	Engine	Reconfigure, and Restart
12/7/23 6:15	12/7/23 8:26	2.18	5	Unplanned	Engine	Restart Only

# 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, 2023 THROUGH MARCH 31, 2024

Shutdown Date/Time mm/dd/yy him	Startup Date/time mm/dd/yy him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
12/7/23 15:45	12/7/23 16:22	0.62	5	Unplanned	Engine	Replace, and Restart
12/7/23 16:24	12/7/23 16:44	0.33	5	Unplanned	Engine	Restart Only
12/12/23 10:29	12/12/23 10:54	0.42	3	Unplanned	Engine	Replace, and Restart
12/13/23 7:36	12/13/23 16:29	8.88	6	Planned	Engine	Reconfigure, Replace, and Restart
12/14/23 15:27	12/14/23 15:52	0.42	6	Unplanned	Oxygen Levels	Restart Only
12/14/23 15:27	12/14/23 15:55	0.47	4	Unplanned	Oxygen Levels	Restart Only
12/17/23 18:21	12/17/23 18:52	0.52	6	Unplanned	Engine	Replace, and Restart
12/19/23 12:58	12/19/23 15:41	2.72	5	Planned	Engine	Restart Only
12/20/23 8:06	12/20/23 17:38	9.53	5	Planned	Engine	Repair, Reconfigure, Replace, and Restart
12/24/23 6:23	12/24/23 8:56	2.55	6	Unplanned	Generator	Restart Only
12/27/23 9:24	12/27/23 10:17	0.88	4	Unplanned	Engine	Replace, and Restart
12/31/23 8:13	12/31/23 8:51	0.63	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/31/23 8:13	12/31/23 9:15	1.03	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/31/23 8:13	12/31/23 9:12	0.98	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/31/23 8:13	12/31/23 9:14	1.02	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/31/23 8:13	12/31/23 9:23	1.17	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/31/23 8:13	12/31/23 8:47	0.57	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/31/23 10:41	12/31/23 10:57	0.27	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/31/23 10:41	12/31/23 10:58	0.28	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/31/23 10:41	12/31/23 10:56	0.25	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/31/23 10:41	12/31/23 10:55	0.23	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/31/23 10:41	12/31/23 10:59	0.30	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
12/31/23 10:41	12/31/23 10:59	0.30	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
1/3/24 8:20	1/3/24 18:13	9.88	3	Planned	Engine	Reconfigure, Replace, and Restart
1/3/24 8:59	1/3/24 9:07	0.13	4	Unplanned	Electrical	Restart Only
1/3/24 9:59	1/3/24 10:09	0.17	4	Unplanned	Electrical	Restart Only
1/3/24 12:17	1/3/24 18:08	5.85	4	Unplanned	Electrical	Restart Only
1/3/24 18:19	1/3/24 18:30	0.18	4	Unplanned	Electrical	Reconfigure, and Restart
1/7/24 11:21	1/7/24 11:43	0.37	5	Unplanned	Engine	Restart Only
1/8/24 11:18	1/8/24 11:40	0.37	1	Unplanned	Engine	Replace, and Restart
1/9/24 11:49	1/9/24 12:12	0.38	1	Unplanned	SCR / Catalyst / CEMS	Repair, and Restart
1/9/24 12:46	1/9/24 12:56	0.17	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
1/9/24 13:08	1/9/24 13:15	0.12	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
1/9/24 13:48	1/9/24 14:15	0.45	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
1/9/24 23:29	1/10/24 5:02	5.55	5	Unplanned	Engine	Reconfigure, and Restart
1/10/24 17:37	1/10/24 19:54	2.28	2	Planned	TSA / H2S / Siloxane Removal	Replace, and Restart
1/10/24 17:38	1/10/24 19:51	2.22	1	Planned	TSA / H2S / Siloxane Removal	Replace, and Restart
1/10/24 17:38	1/11/24 13:01	19.38	3	Planned	TSA / H2S / Siloxane Removal	Replace, and Restart
1/10/24 17:38	1/11/24 11:28	17.83	5	Planned	TSA / H2S / Siloxane Removal	Replace, and Restart
1/10/24 17:39	1/10/24 19:49	2.17	4	Planned	TSA / H2S / Siloxane Removal	Replace, and Restart
1/10/24 17:40	1/11/24 8:23	14.72	6	Planned	TSA / H2S / Siloxane Removal	Replace, and Restart
1/10/24 20:05	1/12/24 16:43	44.63	4	Unplanned	Engine	Replace, and Restart
1/10/24 20:05	1/13/24 16:01	67.93	2	Unplanned	Engine	Replace, and Restart
1/10/24 20:51	1/24/24 16:23	331.53	1	Unplanned	Engine	Replace, and Restart
1/11/24 13:05	1/11/24 13:22	0.28	3	Unplanned	Engine	Restart Only
1/11/24 13:25	1/11/24 13:33	0.13	3	Unplanned	Engine	Restart Only

# 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, 2023 THROUGH MARCH 31, 2024

Shutdown Date/Time mm/dd/yy him	Startup Date/time mm/dd/yy him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
1/13/24 16:03	1/13/24 16:26	0.38	2	Unplanned	Engine	Restart Only
1/13/24 16:32	1/13/24 16:39	0.12	2	Unplanned	Engine	Restart Only
1/13/24 17:34	1/13/24 19:20	1.77	4	Unplanned	Engine	Replace, and Restart
1/14/24 19:03	1/15/24 15:36	20.55	2	Unplanned	Engine	Restart Only
1/15/24 9:01	1/15/24 15:14	6.22	3	Planned	TSA / H2S / Siloxane Removal	Restart Only
1/15/24 9:01	1/15/24 14:15	5.23	5	Planned	TSA / H2S / Siloxane Removal	Restart Only
1/15/24 9:02	1/15/24 14:45	5.72	4	Planned	TSA / H2S / Siloxane Removal	Restart Only
1/15/24 9:03	1/15/24 13:01	3.97	6	Planned	TSA / H2S / Siloxane Removal	Restart Only
1/15/24 13:03	1/15/24 13:29	0.43	6	Unplanned	Engine	Restart Only
1/26/24 7:18	1/26/24 7:41	0.38	6	Unplanned	Engine	Restart Only
1/26/24 7:21	1/26/24 7:45	0.40	3	Unplanned	Engine	Restart Only
1/30/24 13:18	1/30/24 16:14	2.93	4	Planned	Generator	Reconfigure, and Restart
1/31/24 7:21	1/31/24 12:54	5.55	4	Planned	Engine	Reconfigure, Replace, and Restart
2/4/24 16:35	2/4/24 16:50	0.25	4	Unplanned	Engine	Reconfigure, and Restart
2/14/24 3:07	2/14/24 6:29	3.37	5	Unplanned	Engine	Replace, and Restart
2/14/24 8:50	2/14/24 9:00	0.17	5	Unplanned	Engine	Restart Only
2/17/24 19:05	2/17/24 20:48	1.72	6	Unplanned	Engine	Reconfigure, and Restart
2/18/24 12:01	2/18/24 14:38	2.62	6	Unplanned	Engine	Restart Only
2/18/24 14:47	2/18/24 16:17	1.50	6	Unplanned	Engine	Replace, and Restart
2/18/24 16:35	2/18/24 17:31	0.93	6	Unplanned	Engine	Reconfigure, and Restart
2/18/24 18:21	2/18/24 23:14	4.88	2	Unplanned	Dehy. Skid / Condensate	Restart Only
2/18/24 18:21	2/18/24 22:43	4.37	6	Unplanned	Dehy. Skid / Condensate	Restart Only
2/18/24 18:21	2/18/24 22:18	3.95	1	Unplanned	Dehy. Skid / Condensate	Restart Only
2/18/24 18:21	2/18/24 22:39	4.30	5	Unplanned	Dehy. Skid / Condensate	Restart Only
2/18/24 18:21	2/18/24 22:25	4.07	4	Unplanned	Dehy. Skid / Condensate	Restart Only
2/18/24 18:21	2/18/24 22:24	4.05	3	Unplanned	Dehy. Skid / Condensate	Restart Only
2/21/24 7:49	2/21/24 15:43	7.90	2	Planned	Engine	Repair, Reconfigure, Replace, and Restart
2/23/24 12:51	2/23/24 13:34	0.72	6	Unplanned	Engine	Replace, and Restart
3/4/24 21:38	3/4/24 22:51	1.22	4	Unplanned	Engine	Reconfigure, and Restart
3/6/24 8:31	3/6/24 10:10	1.65	3	Proactive	SCR / Catalyst / CEMS	Replace, and Restart
3/6/24 10:21	3/6/24 15:48	5.46	6	Planned	Engine	Reconfigure, Replace, and Restart
3/6/24 16:25	3/6/24 17:41	1.27	4	Proactive	SCR / Catalyst / CEMS	Replace, and Restart
3/6/24 18:09	3/6/24 18:33	0.41	4	Unplanned	Engine	Restart Only
3/7/24 18:41	3/7/24 19:37	0.93	5	Unplanned	Engine	Reconfigure, and Restart
3/8/24 14:04	3/8/24 16:04	2.00	1	Proactive	SCR / Catalyst / CEMS	Replace, and Restart
3/8/24 16:10	3/8/24 17:52	1.71	5	Proactive	SCR / Catalyst / CEMS	Replace, and Restart
3/13/24 8:00	3/13/24 14:35	6.58	5	Planned	Engine	Reconfigure, Replace, and Restart
3/13/24 15:57	3/13/24 16:10	0.21	4	Unplanned	Other	Reconfigure, and Restart
3/14/24 10:19	3/14/24 10:40	0.35	5	Proactive	Engine	Replace, and Restart
3/14/24 12:02	3/14/24 12:14	0.21	5	Proactive	Engine	Replace, and Restart
3/21/24 7:41	3/25/24 6:35	94.90	1	Unplanned	Line / Substation Maintenance	Restart Only
3/21/24 7:41	3/25/24 7:49	96.12	2	Unplanned	Line / Substation Maintenance	Restart Only
3/21/24 7:42	3/24/24 20:23	84.69	3	Unplanned	Line / Substation Maintenance	Restart Only
3/21/24 7:42	3/24/24 21:56	86.24	5	Unplanned	Line / Substation Maintenance	Replace, and Restart
3/21/24 7:43	3/24/24 21:12	85.47	4	Unplanned	Line / Substation Maintenance	Restart Only
3/21/24 7:44	3/25/24 13:16	101.54	6	Unplanned	Line / Substation Maintenance	Replace, and Restart

## 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, 2023 THROUGH MARCH 31, 2024

Shutdown Date/Time mm/dd/yyd him	Startup Date/time mm/dd/yyd him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
3/24/24 21:26	3/24/24 21:39	0.21	4	Unplanned	Engine	Restart Only
3/25/24 0:58	3/25/24 6:39	5.68	5	Unplanned	Engine	Restart Only
3/25/24 5:19	3/25/24 6:34	1.25	4	Unplanned	Engine	Restart Only
3/25/24 18:13	3/28/24 18:47	72.56	1	Unplanned	Line / Substation Maintenance	Restart Only
3/25/24 18:15	3/28/24 18:51	72.60	2	Unplanned	Line / Substation Maintenance	Restart Only
3/25/24 18:18	3/28/24 19:24	73.11	3	Unplanned	Line / Substation Maintenance	Repair, Reconfigure, Replace, and Restart
3/25/24 18:22	3/28/24 18:58	72.60	4	Unplanned	Line / Substation Maintenance	Replace, and Restart
3/25/24 18:23	3/28/24 19:07	72.73	5	Unplanned	Line / Substation Maintenance	Restart Only
3/25/24 18:26	3/28/24 19:21	72.92	6	Unplanned	Line / Substation Maintenance	Replace, and Restart
3/28/24 19:02	3/28/24 19:33	0.50	4	Unplanned	Engine	Reconfigure, and Restart
3/28/24 19:10	3/28/24 19:34	0.41	5	Unplanned	Engine	Reconfigure, and Restart
3/28/24 19:28	3/28/24 22:52	3.40	3	Unplanned	Engine	Reconfigure, and Restart
3/28/24 19:38	3/28/24 22:42	3.07	1	Unplanned	Engine	Replace, and Restart
3/28/24 23:04	3/28/24 23:13	0.16	3	Unplanned	Engine	Replace, and Restart
3/30/24 0:37	3/30/24 1:53	1.25	5	Unplanned	Engine	Restart Only
3/30/24 0:38	3/30/24 1:15	0.62	4	Unplanned	Engine	Restart Only
3/30/24 2:29	3/30/24 13:30	11.02	5	Unplanned	Engine	Restart Only
3/30/24 2:29	3/30/24 12:36	10.12	4	Unplanned	Engine	Restart Only
3/30/24 13:18	4/1/24 0:00	34.70	4	Unplanned	Engine	N/A <sup>1</sup>
3/30/24 17:00	4/1/24 0:00	30.99	5	Unplanned	Engine	N/A <sup>1</sup>
3/30/24 17:07	4/1/24 0:00	30.87	6	Unplanned	Engine	N/A <sup>1</sup>
3/30/24 17:55	4/1/24 0:00	30.07	3	Unplanned	Line / Substation Maintenance	N/A <sup>1</sup>
3/30/24 17:55	4/1/24 0:00	30.07	2	Unplanned	Line / Substation Maintenance	N/A <sup>1</sup>
3/30/24 17:58	4/1/24 0:00	30.02	1	Unplanned	Line / Substation Maintenance	N/A <sup>1</sup>

<sup>1</sup>N/A = No comments provided because engines were offline at the end of the reporting period. Therefore, for reporting purposes the shutdown is calculated as having ended on April 1, 2024, 00:00.

TSA = Thermal Swing Absorber

H2S = Hydrogen sulfide

SCR = Selective Catalytic Reducer

TBD = To Be Determined

## 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 - FROM OCTOBER 1, 2023 THROUGH MARCH 31, 2024**

SHUTDOWN DATE/TIME	START-UP DATE/TIME	TOTAL DOWNTIME (hours)	COMMENTS OR REASONS	ACTION TAKEN
10/7/23 10:52	10/7/23 11:16	0.40	An unplanned shutdown occurred at the Ameresco power plant due to line and sub-station maintenance. The A-7 Flare shutdown due to high temperature. The A-9 flare offline due to low temperature.	The A-9 Flare was started up.
10/7/23 15:24	10/7/23 16:00	0.60	An unplanned shutdown occurred at the Ameresco power plant due to line and sub-station maintenance. The A-7 Flare shutdown due to high temperature. The A-9 flare offline due to low temperature.	The A-9 Flare was started up.
10/22/23 15:12	10/22/23 15:14	0.03	An unplanned shutdown occurred at the Ameresco power plant due to TSA / H2S / Siloxane Removal. The A-7 Flare shutdown due to low temperature. The A-9 flare offline due to high temperature.	The A-9 Flare was started up.
10/31/23 16:30	10/31/23 16:32	0.03	An unplanned shutdown occurred at the Ameresco power plant due to a restart. The A-7 Flare shutdown due to high temperature. The A-9 flare offline due to low temperature.	The A-9 Flare was started up.
11/11/23 2:00	11/11/23 2:04	0.07	An unplanned shutdown occurred at the Ameresco power plant due to TSA / H2S / Siloxane Removal. The A-7 Flare shutdown due to low temperature. The A-9 flare shutdown due to low temperature.	The A-9 Flare automatically restarted as programmed. The A-7 Flare was inspected and manually restarted.
11/19/23 17:34	11/19/23 18:18	0.73	An unplanned shutdown occurred at the Ameresco power plant due to TSA / H2S / Siloxane Removal. The A-7 Flare shutdown due to low temperature. The A-9 flare shutdown due to low temperature.	The Ameresco LFGTE facility was started up. The flares were inspected and manually restarted.
11/20/23 9:42	11/20/23 9:58	0.27	An unplanned shutdown occurred at the Ameresco power plant due to line and sub-station maintenance. The A-7 Flare was offline due to low temperature shutdown. The A-9 flare shutdown due to high temperature.	The A-9 Flare was manually restarted.
11/20/23 11:32	11/20/23 11:42	0.17	An unplanned shutdown occurred at the Ameresco power plant due to line and sub-station maintenance. The A-7 Flare was offline due to low temperature shutdown. The A-9 flare shutdown due to inlet valve failure.	The A-9 Flare automatically restarted as programmed. The Ameresco LFGTE facility was restarted.
11/28/23 6:24	11/28/23 7:16	0.87	An unplanned shutdown occurred at the Ameresco power plant due to TSA / H2S / Siloxane Removal. The A-7 Flare was offline due to high temperature shutdown. The A-9 flare offline due to high temperature shutdown.	The A-7 Flare was inspected and manually restarted.
11/28/23 7:18	11/28/23 7:20	0.03	An unplanned shutdown occurred at the Ameresco power plant due to TSA / H2S / Siloxane Removal. The A-7 Flare shutdown due to high temperature. The A-9 flare offline due to high temperature shutdown.	The A-7 Flare automatically restarted as programmed.
12/31/23 8:13	12/31/23 8:32	0.32	An unplanned shutdown occurred at the Ameresco power plant due to TSA / H2S / Siloxane Removal. The A-7 Flare shutdown due to flame failure. The A-9 flare shutdown due to a Pacific Gas and Electric (PG&E) power outage.	The A-9 Flare was manually restarted.
1/15/24 9:28	1/15/24 9:30	0.03	A planned shutdown occurred at the Ameresco power plant due to TSA / H2S / Siloxane Removal. The A-7 Flare shutdown due to high temperature. The A-9 flare shutdown due to Ameresco operations.	The A-9 Flare was manually restarted.
2/18/24 18:42	2/18/24 18:56	0.23	An unplanned shutdown occurred at the Ameresco power plant due to dehy. skid / condensate maintenance. The A-7 Flare shutdown due to high temperature. The A-9 flare was offline due to flame failure.	The A-9 Flare was manually restarted.



**Emission Control Devices  
Gas Collection and Control System (GCCS) Downtime Summary**

**Ox Mountain Landfill, Half Moon Bay, CA  
GCCS DOWNTIME REPORT PERIOD - FROM OCTOBER 1, 2023 THROUGH MARCH 31, 2024**

SHUTDOWN DATE/TIME	START-UP DATE/TIME	TOTAL DOWNTIME (hours)	COMMENTS OR REASONS	ACTION TAKEN
3/21/24 7:54	3/21/24 7:58	0.07	An unplanned shutdown occurred at the Ameresco power plant due to line and sub-station maintenance. The A-7 Flare was offline due to high temperature shutdown. The A-9 flare shutdown due to a power outage.	The A-9 Flare was manually restarted.
3/21/24 8:04	3/21/2024 8:08	0.07	An unplanned shutdown occurred at the Ameresco power plant due to line and sub-station maintenance. The A-7 Flare was offline due to high temperature shutdown. The A-9 flare shutdown due to a flame failure.	The A-9 Flare was manually restarted.
3/21/24 9:08	3/21/2024 9:24	0.27	An unplanned shutdown occurred at the Ameresco power plant due to line and sub-station maintenance. The A-7 Flare was offline due to high temperature shutdown. The A-9 flare shutdown due to a flame failure.	The A-7 Flare was manually restarted.
3/21/2024 16:28	3/21/2024 17:10	0.70	An unplanned shutdown occurred at the Ameresco power plant due to line and sub-station maintenance. The A-7 Flare was offline due to power outage. The A-9 flare shutdown due to a flame failure.	The A-7 Flare was manually restarted.

<b>Combined Emission Control Devices</b>	
OCTOBER 1, 2023 THROUGH MARCH 31, 2024 TOTAL DOWNTIME (HOURS):	<b>4.88</b>
2024 TOTAL DOWNTIME (HOURS):	<b>1.37</b>
2023 TOTAL DOWNTIME (HOURS):	<b>25.47</b>
TOTAL PERMITTED DOWNTIME (HOURS):	<b>240</b>
2024 DOWNTIME PERCENT of 240 HOURS:	<b>0.57%</b>
2023 DOWNTIME PERCENT of 240 HOURS:	<b>10.61%</b>

GCCS Downtime is when all emission control devices are not operating.

TSA = Thermal Swing Absorber, H2S = Hydrogen sulfide, LFGTE= Landfill Gas to Energy

## **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, 2023 THROUGH MARCH 31, 2024**

<b>REPORT PREPARED BY: Tetra Tech</b> <b>TEMPERATURE SENSING DEVICE: Thermocouple</b>			<b>DATE: April 1, 2024</b> <b>MODEL: Thermo-Electric</b>		
START DATE & TIME	END DATE & TIME	TEMP (°F) / FLOW	CAUSE	EXPLANATION	ACTION TAKEN
No deviations or inoperative monitors were reported during the October 1, 2023 through March 31, 2024 Reporting Period.					
<b>COMMENTS:</b>					
1 In accordance with Title V Permit Condition Number 10164, Part 24(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.					
2 From October 1, 2023, to March 31, 2024, the A-7 Flare combustion zone 3-hour average temperature did not drop below the 1,566°F limit (source test temperature minus 50 degrees) established during the July 21, 2023, annual source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 24, Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) Subpart WWW of the New Source Performance Standard (NSPS), 40 CFR 62.16714(c)(2)(ii) of Subpart OOO, and in 40 CFR 63.1959(b)(2)(iii)(B)(2) of Subpart AAAA					
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.					

Ox Mountain Landfill, Half Moon Bay, California

A-8 FLARE TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT OCTOBER 1, 2023 THROUGH MARCH 31, 2024

<b>REPORT PREPARED BY:</b> Tetra Tech <b>TEMPERATURE SENSING DEVICE:</b> Thermocouple			<b>DATE:</b> April 1, 2024 <b>MODEL:</b> 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, 2023 through March 31, 2024 Reporting Period.					
<b>COMMENTS:</b>					
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.					
2 The A-8 Flare combustion zone 3-hour average temperature did not drop below the 1,521°F limit (source test temperature minus 50 degrees) established during the September 13, 2016 annual source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 24, 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) Subpart WWW of the New Source Performance Standard (NSPS), 40 CFR 62.16714(c)(2)(ii) of Subpart OOO, and in 40 CFR 63.1959(b)(2)(iii)(B)(2) of Subpart AAAA					
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.					

**Ox Mountain Landfill, Half Moon Bay, California**

**A-9 FLARE TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT OCTOBER 1, 2023 THROUGH MARCH 31, 2024**

<b>REPORT PREPARED BY: Tetra Tech</b> <b>TEMPERATURE SENSING DEVICE: Thermocouple</b>			<b>DATE: April 1, 2024</b> <b>MODEL: Thermo-Electric</b>		
START DATE & TIME	END DATE & TIME	TEMP (°F) / FLOW	CAUSE	EXPLANATION	ACTION TAKEN
No deviations or inoperative monitors were reported during the October 1, 2023 through March 31, 2024 Reporting Period.					
<b>COMMENTS:</b>					
1 In accordance with Title V Permit Condition Number 10164, Part 23(c), the A-9 Flare combustion zone 3-hour average temperature did not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation.					
2 From October 1, 2023 through March 31, 2024, the A-9 Flare combustion zone 3-hour average temperature did not drop below the 1,500°F limit (source test temperature minus 50 degrees) established during the July 20, 2023, annual source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 24, 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) Subpart WWW of the New Source Performance Standard (NSPS), 40 CFR 62.16714(c)(2)(ii) of Subpart OOO, and in 40 CFR 63.1959(b)(2)(iii)(B)(2) of Subpart AAAA.					
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.					

## APPENDIX G

### COVER INTEGRITY MONITORING LOGS

**OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT  
COVER INTEGRITY INSPECTION**

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 10-12-23  
**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		Majority of site erosion has been repaired, remaining few addressed & ongoing
Ponding of water on cap		X	
Surface cracking	X		Major cracks have been reported to site, and are being addressed
Acceptable vegetation	X		Thicker vegetation has been reported to site, & is being addressed
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:** 11-30-23  
**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		Majority of site erosion has been repaired, remaining few addressed & ongoing
Ponding of water on cap		X	
Surface cracking	X		Major cracks have been reported to site, and are being addressed
Acceptable vegetation	X		Thicker vegetation has been reported to site, & is being addressed
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:** 12-22-23  
**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		Majority of site erosion has been repaired, remaining few addressed & ongoing
Ponding of water on cap	X		Ponding on benches after heavey rain,will be addressed when benches are dry
Surface cracking	X		Major cracks have been reported to site, and are being addressed
Acceptable vegetation	X		Thicker vegetation has been reported to site, & is being addressed
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:** 1-16-24  
**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		Erosion after heavey rain ,Site has been notified
Ponding of water on cap	X		Ponding on benches after heavey rain,will be addressed when benches are dry
Surface cracking	X		Major cracks have been reported to site, and are being addressed
Acceptable vegetation	X		Thicker vegetation has been reported to site, & is being addressed
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:** 2-27-24  
**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		Erosion scars on South & West slopes, site notified
Ponding of water on cap	X		Ponding on South & West slope bench roads due to recent storms
Surface cracking		X	
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:** 3-14-24  
**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		Erosion after heavey rain ,Site has been notified
Ponding of water on cap	X		Ponding on benches after heavey rain,will be addressed when benches are dry
Surface cracking	X		Major cracks have been reported to site, and are being addressed
Acceptable vegetation	X		Thicker vegetation has been reported to site, & is being addressed
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		

## **APPENDIX H**

### **SURFACE EMISSIONS MONITORING REPORTS**



December 26, 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 2023 Surface Emissions Monitoring Results for the Ox Mountain Landfill, Half Moon Bay, CA

Dear Ms. McDonnell:

This report provides results of the Fourth 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 Fourth Quarter 2023 SEM testing results indicated eleven (11) locations that exceeded the NSPS and LMR (Grids, Penetrations, and Perimeter) 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 eleven (11) areas with instantaneous exceedances had returned to compliance and the one (1) integrated grid exceedance had returned to compliance. The one-month re-monitoring indicated all detected instantaneous and integrated exceedances remained in compliance.

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, 26, 28, 29, 30, 35, 36, 37, 41, 42, 43, 44, 47, 48, 49, 50, 55, 56, 57, 63, 64, 65, 71, 72, 73, 78, 79, 80, 86, 92, and 166 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, 28, 31, 34, 38, 45, 51, 58, 66, 69, 87, 93, 98, 105, 128, 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-two (42) 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 decomposes 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 October 16, 23, 24, 26, 27, 30, and 31, 2023, November 1, 2, 3, 8, 9, 10, 13, 15, 21, 22, 27, and 28, 2023, and December 11, 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 October 16, 23, 24, 26, 27, 30, and 31, 2023, November 1, 2, 3, 8, 9, 10, 13, 15, 21, 22, 27 and 28, 2023 and December 11, 2023, there were eleven (11) 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 1, 13, and 22, 2023, indicated that all eleven (11) areas with instantaneous exceedances had returned to compliance and the one (1) integrated grid had returned to compliance. The one-month re-monitoring event on November 13, and 28, 2023 and December 11, 2023, indicated there were no locations with remaining instantaneous exceedances.

Based on these results, no further monitoring is required until the First Quarter of 2024. 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.

- Full grids 22, 26, 28, 29, 30, 35, 36, 37, 41, 42, 43, 44, 47, 48, 49, 50, 55, 56, 57, 63, 64, 65, 71, 72, 73, 78, 79, 80, 86, 92, and 166 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, 28, 31, 34, 38, 45, 51, 58, 66, 69, 87, 93, 98, 105, 128, 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 October 16, 23, 24, 26, 27, 30, and 31, 2023, November 1, 2, 3, 8, 9, 10, 13, 15, 21, 22, 27, and 28, 2023, and December 11, 2023, subsequent re-monitoring was scheduled for ten days later. The first 10-day re-monitoring events were performed on November 1, 13, and 22, 2023 and indicated that eleven (11) areas with instantaneous exceedances had returned to compliance and the one (1) integrated grid had returned to compliance. The one-month confirmation testing on abated instantaneous readings were performed on November 13, and 28, 2023 and December 11, 2023, and indicated the eleven (11) 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 2024 NSPS and LMR monitoring event by the end of March 2024 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 a long horizontal stroke extending to the right.

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

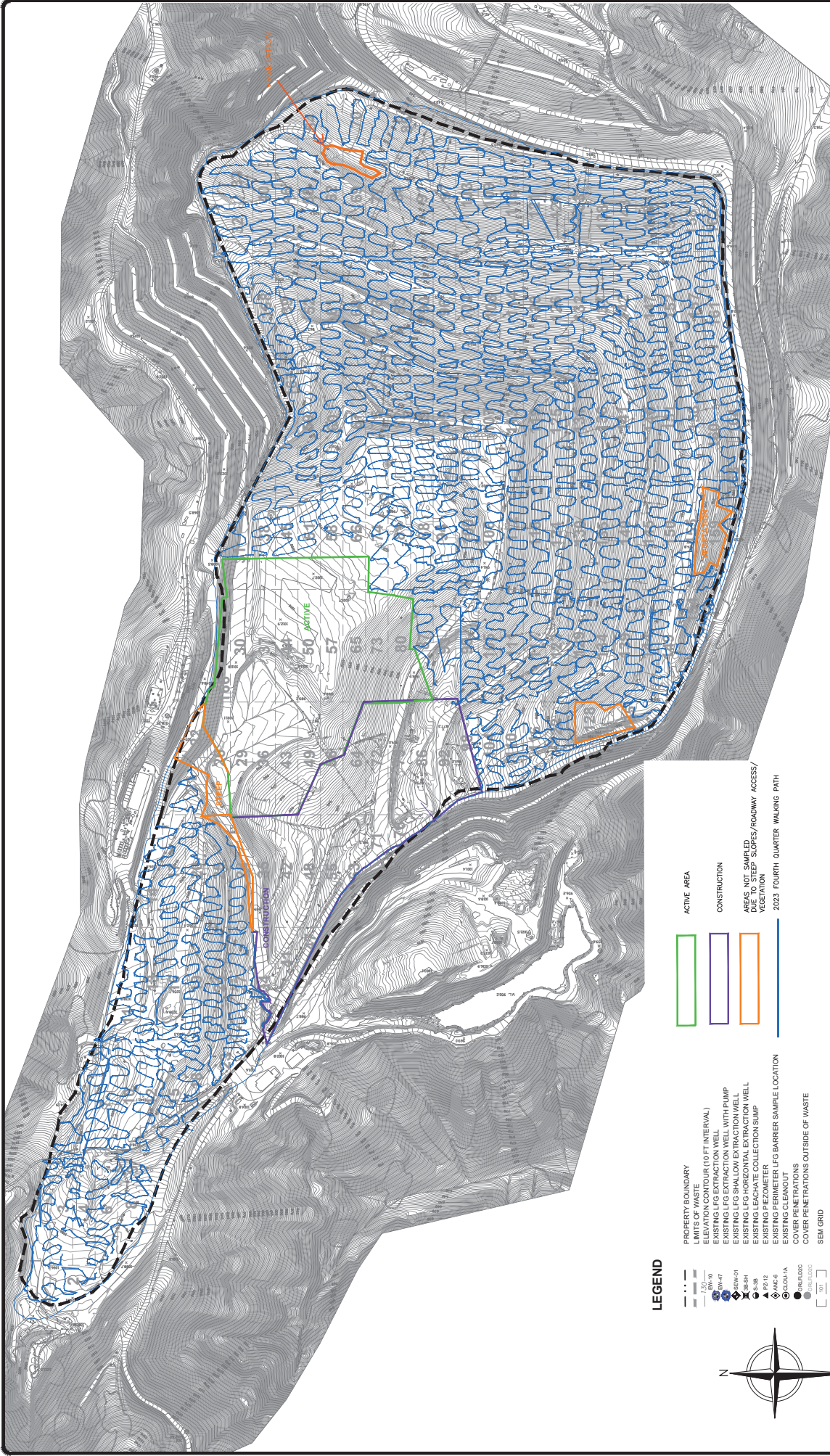
**Appendix D:** Calibration Logs

**Appendix E:** Weather Data

**Appendix F:** Wind Speed Data

# APPENDIX A

## SURFACE GRID MAP



**LEGEND**

- - - - PROPERTY BOUNDARY
- - - - LIMITS OF ACQUISITION (50 FT INTERVAL)
- 1:20 CONTOUR
- 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
- COVER PENETRATIONS
- COVER PENETRATIONS OUTSIDE OF WASTE
- SEW GRID

- ACTIVE AREA
- CONSTRUCTION
- AREAS NOT SAMPLED / STEEP SLOPES / ROADWAY ACCESS / VEGETATION
- 2023 FOURTH QUARTER WALKING PATH



SCALE IN FEET  
0 200 400

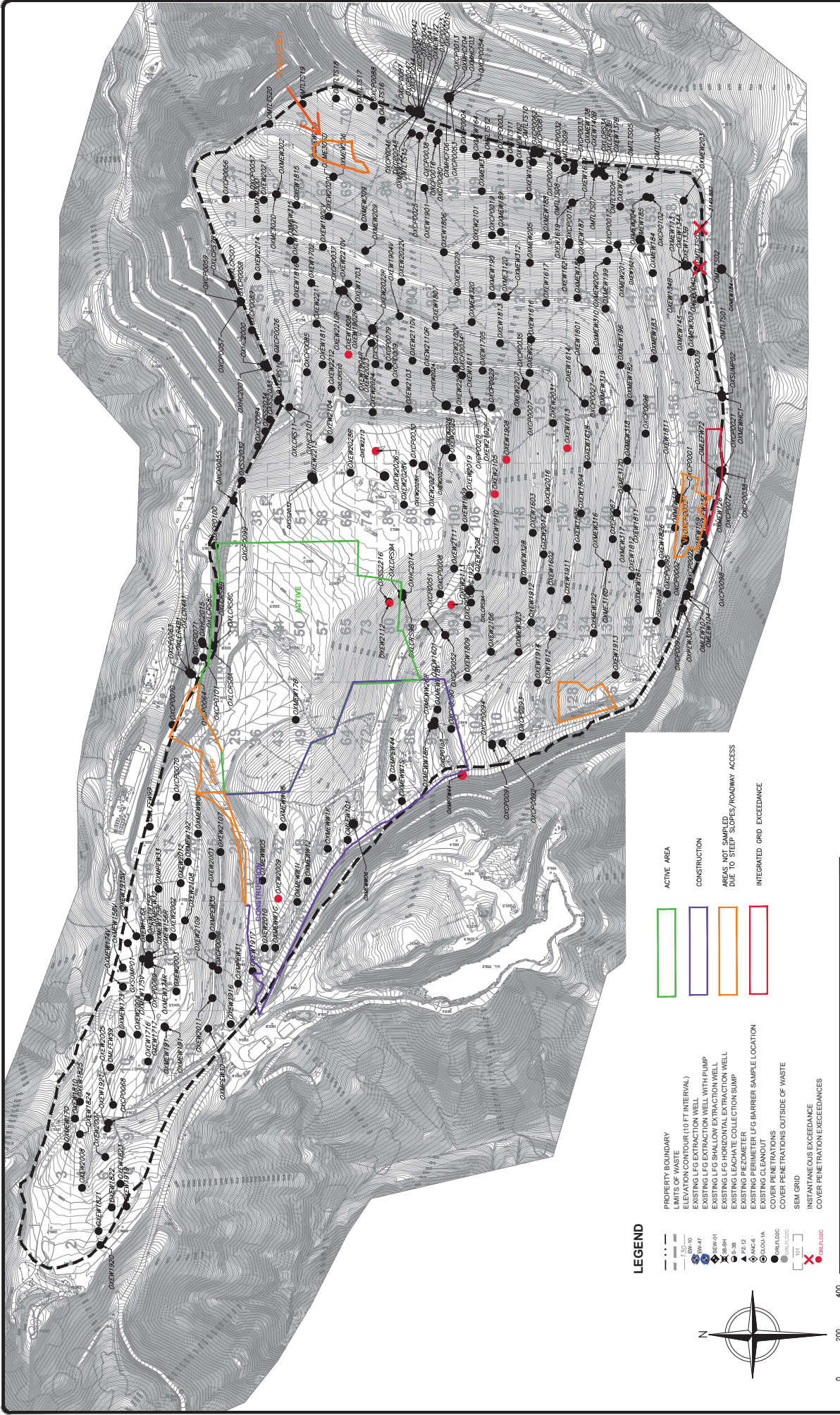
1. THE GRID IS BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE II, MAP 27.
2. ALL LINES, SYMBOLS, AND ASSOCIATED FACILITY LOCATIONS PROVIDED BY TETRA TECH.
3. WELLS AND LATERALS RELOCATED TO MATCH THE LATEST WELL AND HEADER INSTALLATION AS BUILT 01/03/2022.
4. RECORD SURVEY DRAWINGS BY TETRA TECH.
5. MONITORING DATE(S): OCTOBER 16, 23; 24, 26, 27 AND 30, 2023; NOVEMBER 1, 23; 8, 9, 10, 13, 15, 21, 22, 27, AND 28, 2023 AND DECEMBER 11, 2023.

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY

REPUBLIC OF CALIFORNIA  
OX MOUNTAIN  
HALF MOON BAY, CA

SEM MAP GRID FOURTH QUARTER 2023

SHEET NO. **1**  
PROJECT NO. 21-2022-003



**LEGEND**

- PROPERTY BOUNDARY
  - LIMITS OF CONTOUR (10 FT INTERVAL)
  - OEW1001 - OEW1004 EXISTING LFG EXTRACTION WELL
  - OEW1005 - OEW1008 EXISTING LFG EXTRACTION WELL WITH PUMP
  - OEW1009 - OEW1012 EXISTING LFG SHALLOW EXTRACTION WELL
  - OEW1013 - OEW1016 EXISTING LEACHATE COLLECTION WELL
  - OEW1017 - OEW1020 EXISTING PERIMETER LFG BARRIER SAMPLE LOCATION
  - OEW1021 - OEW1024 EXISTING GLEAOUT
  - COVER PENETRATIONS
  - COVER PENETRATIONS OUTSIDE OF WASTE
  - SEM GRID
  - INSTANTANEOUS EXCEEDANCE
  - COVER PENETRATION EXCEEDANCES
- 
- ACTIVE AREA
  - CONSTRUCTION
  - AREAS NOT SAMPLED DUE TO STEP SLOPES/ROADWAY ACCESS
  - INTEGRATED GRID EXCEEDANCE



SCALE IN FEET  
0 200 400

- NOTE(S)
1. THE GRID IS BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE 11, MAP 27
  2. ALL WELLS ARE OWNED BY AND ASSOCIATED WITH THE ANTELL FACILITY. LOCATIONS PROVIDED BY TETRA TECH
  3. WELLS AND LATERALS RELOCATED TO MATCH THE LATEST WELL AND HEADER INSTALLATION AS BUILT 01/03/2022
  4. RECORD SURVEY DRAWINGS BY TETRA TECH.
  5. MONITORING DATE(S): OCTOBER 16, 23, 24, 26, 27 AND 30, 2023; NOVEMBER 1, 2, 3, 8, 9, 10, 13, 15, 21, 22, 27, AND 28, 2023 AND DECEMBER 11, 2023.

SHEET NO.	<b>2</b>	PROJECT NO.	97-0227-000
REPUBLIC OX MOUNTAIN HALF MOON BAY, CA			
COVER PENETRATIONS FOURTH QUARTER 2023			
<b>TETRA TECH</b>			
DATE OF ISSUE: 12/15/2023			
DRAWN BY: DVA	CHECKED BY: NI	DESIGNED BY: NI	APPROVED BY: NI

**INTEGRATED 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: 4th 2023

Instrument(s): Inficon Irwin

Grid Number	Initial Monitoring Event		Corrective Actions		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)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration	Monitoring Date	CH <sub>4</sub> Concentration	
Grid 163	11/10/2023	37.0	11/11/2023	Increased vacuum at OXMEW159	11/13/2023	23.3	N/A	N/A	N/A

N/A - Not Applicable

CH<sub>4</sub> - Methane

ppmv - parts per million by volume

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 4th 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		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Perimeter	11/21/2023	4.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 1	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 2	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 3	11/8/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 4	11/8/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 5	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 6	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 7	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 8	11/8/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 9	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 10	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 11	11/9/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 12	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 13	11/9/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 14	11/9/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 15	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 16	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 17	11/9/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 18	11/8/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 19	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 20	11/9/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 21	11/9/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 22	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 23	11/8/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 24	11/8/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 25	11/9/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 26	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 27	11/8/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 28	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 29	*	*	N/A	N/A	N/A	N/A	N/A	N/A



## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 4th 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		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 30	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 31	11/10/2023	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 32	10/23/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 33	10/23/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 34	11/8/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 35	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 36	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 37	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 38	11/10/2023	8.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 39	10/30/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 40	10/24/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 41	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 42	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 43	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 44	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 45	11/10/2023	12.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 46	10/24/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 47	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 48	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 49	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 50	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 51	11/10/2023	12.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 52	10/30/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 53	10/24/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 54	10/23/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 55	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 56	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 57	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 58	11/10/2023	11.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 59	10/30/2023	6.2	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 4th 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		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 60	10/30/2023	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 61	10/30/2023	1.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 62	10/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 63	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 64	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 65	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 66	11/10/2023	14.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 67	10/31/2023	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 68	10/30/2023	1.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 69	10/24/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 70	10/23/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 71	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 72	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 73	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 74	11/1/2023	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 75	10/31/2023	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 76	10/30/2023	2.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 77	10/24/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 78	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 79	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 80	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 81	11/1/2023	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 82	10/31/2023	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 83	10/30/2023	1.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 84	10/24/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 85	10/23/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 86	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 87	11/1/2023	8.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 88	11/1/2023	10.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 89	10/31/2023	7.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 4th 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		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 90	10/30/2023	2.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 91	10/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 92	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 93	11/9/2023	14.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 94	11/1/2023	8.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 95	10/31/2023	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 96	10/26/2023	5.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 97	10/24/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 98	11/9/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 99	11/9/2023	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 100	11/1/2023	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 101	10/31/2023	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 102	10/26/2023	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 103	10/24/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 104	11/9/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 105	11/9/2023	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 106	11/1/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 107	10/31/2023	8.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 108	10/26/2023	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 109	10/24/2023	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 110	11/9/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 111	11/9/2023	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 112	11/1/2023	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 113	10/31/2023	5.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 114	10/26/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 115	10/24/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 116	11/9/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 117	11/9/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 118	11/1/2023	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 119	10/31/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua

Quarter: 4th 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		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 120	10/26/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 121	10/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 122	11/9/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 123	11/2/2023	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 124	11/1/2023	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 125	10/31/2023	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 126	10/26/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 127	10/24/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 128	11/9/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 129	11/2/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 130	10/27/2023	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 131	10/31/2023	5.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 132	10/26/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 133	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 134	11/2/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 135	10/27/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 136	10/30/2023	1.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 137	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 138	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 139	11/2/2023	10.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 140	10/27/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 141	10/30/2023	0.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 142	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 143	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 144	11/2/2023	9.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 145	10/27/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 146	10/30/2023	1.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 147	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 148	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaite, and Lusi Naivalurua

Quarter: 4th 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		
	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number
Grid 149	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 150	10/27/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 151	10/30/2023	0.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 152	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 153	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 154	11/1/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 155	10/27/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 156	10/30/2023	0.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 157	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 158	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 159	10/27/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 160	10/30/2023	3.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 161	10/26/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 162	10/26/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 163	11/10/2023	37.0	Grid 163	11/13/2023	23.3	N/A	N/A	N/A	N/A
Grid 164	11/10/2023	20.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 165	11/9/2023	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 166	*	*	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 167	11/10/2023	8.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grid 168	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A

N/A - Not Applicable      ppmv - parts per million by volume      CH<sub>4</sub> - Methane

\*Not monitored due to onsite conditions or no waste in place. Please refer to the provided site map for further details.

## APPENDIX C

### INSTANTANEOUS 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 Naivalunia  
 Quarter: 4th 2023  
 Instrument(s): Inficon Irwin

Initial Monitoring Event		Corrective Actions		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)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
11/21/2023	Perimeter	37,49787 -122.41492	1542.2	11/22/2023	Sealed tear in perimeter liner for instantaneous reading.	11/22/2023	0.0	N/A	N/A
11/21/2023	Perimeter	37,49718, -122.41486	2149.9	11/22/2023	Sealed tear in perimeter liner for instantaneous reading.	11/22/2023	0.0	N/A	N/A

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

## Ox Mountain Landfill Instantaneous Cover Penetration Surface Emissions Monitoring Initial 500 ppmv Exceedances and Re-Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 4th 2023  
 Instrument(s): Inficon Irwin

Initial Monitoring Event			Corrective Actions		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)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
11/1/2023	OXEW2009	37.50553,-122.40838	768.6	11/1/2023	Installed hose clamps around boots of well.	11/1/2023	263.7	N/A	N/A	11/13/2023	248.7
11/10/2023	OXEW1613	37.49982,-122.41278	559.2	11/13/2023	Increased vacuum at wellhead. Hydrated and compacted surface soil.	11/13/2023	172.5	N/A	N/A	11/28/2023	383.5
11/10/2023	OXEW1908	37.49997,-122.41181	595.3	11/13/2023	Increased vacuum at OXEW2209. Hydrated and compacted surface soil.	11/13/2023	132.4	N/A	N/A	11/28/2023	120.7
11/10/2023	OXEW2105	37.50053,-122.41124	815.9	11/13/2023	Increased vacuum at OXEW1910 and OXEW1909. Hydrated and compacted surface soil.	11/13/2023	201.8	N/A	N/A	11/28/2023	172.1
11/10/2023	OXEW2112	37.50180,-122.40998	1215.5	11/13/2023	Increased vacuum at wellhead. Hydrated and compacted surface soil.	11/13/2023	283.5	N/A	N/A	11/28/2023	405.3
11/10/2023	OXEW2113	37.50180,-122.41098	785.4	11/13/2023	Increased vacuum at wellhead and increased vacuum at OXHC1922. Hydrated and compacted surface soil.	11/13/2023	319.5	N/A	N/A	11/28/2023	335.2
11/10/2023	OXEW1808	37.49869,-122.40930	836.2	11/13/2023	Increased vacuum at OXEW2212 and OXEW2103. Hydrated and compacted surface soil.	11/13/2023	147.3	N/A	N/A	11/28/2023	248.6
11/21/2023	OXMPEW44	37.50402,-122.41013	1118.2	11/22/2023	Added bentonite, hydrated, and compacted surface soil.	11/22/2023	254.5	N/A	N/A	12/11/2023	135.3
11/21/2023	OXEW2026	37.49994,-122.40976	852.4	11/22/2023	Added bentonite, hydrated, and compacted surface soil.	11/22/2023	319.2	N/A	N/A	12/11/2023	246.4

N/A - Not Applicable  
 ppmv - parts per million by volume  
 CH<sub>4</sub> - Methane  
 ID - Identification



## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaite, and Lusi Naivalurua  
 Quarter: 4th 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	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLEW104	37.50170,-122.41472	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLEW107	37.50170,-122.41476	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW59	37.50775,-122.40571	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW72	37.50011,-122.41523	11/10/2023	4.8	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW99	37.50466,-122.40636	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT01	37.49863,-122.41502	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT02	37.49793,-122.41486	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT03	37.49754,-122.41478	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT04	37.49641,-122.41400	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT05	37.49641,-122.41358	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT06	37.49639,-122.41328	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT07	37.49640,-122.41312	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT08	37.49637,-122.41282	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT09	37.49633,-122.41266	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT10	37.49624,-122.41215	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT11	37.49620,-122.41179	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT12	37.49617,-122.41142	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT15	37.49589,-122.41024	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT16	37.49574,-122.40978	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT17	37.49557,-122.40942	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT18	37.49547,-122.40904	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT19	37.49559,-122.40848	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLT20	37.49582,-122.40802	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW133B	37.49749,-122.41459	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW134A	37.49752,-122.41461	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW134B	37.49751,-122.41461	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW137B	37.49633,-122.41322	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1601	37.50205,-122.41174	11/10/2023	35.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1602	37.50161,-122.41257	10/31/2023	321.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1603	37.50093,-122.41226	11/10/2023	214.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1604	37.50027,-122.41275	11/10/2023	348.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1611	37.49929,-122.41134	11/10/2023	5.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1612	37.50215,-122.41262	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1613	37.49982,-122.41278	11/10/2023	559.2	11/13/2023	172.5	N/A	N/A	11/28/2023	383.5
OXEW1614	37.49927,-122.41303	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1616	37.49853,-122.41224	10/31/2023	29.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1617	37.49802,-122.41238	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1618	37.50002,-122.41308	10/31/2023	9.8	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaite, and Lusi Naivalurua  
 Quarter: 4th 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)
OXEW1619	37.49674,-122.41275	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1620	37.49670,-122.41211	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1621	37.49726,-122.41276	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1622	37.49679,-122.41354	11/15/2023	333.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1701	37.49753,-122.40844	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1702	37.49781,-122.40872	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1703	37.49811,-122.40944	11/3/2023	114.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1705	37.49886,-122.41142	11/10/2023	14.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1716	37.50766,-122.40636	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1717	37.50683,-122.40635	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1801	37.49882,-122.41306	10/31/2023	144.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1804	37.50063,-122.41302	10/31/2023	7.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1805	37.50104,-122.41296	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1806	37.49741,-122.41079	10/16/2023	283.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1807	37.49832,-122.41067	11/21/2023	4.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1808	37.49873,-122.40930	11/10/2023	836.2	11/13/2023	147.3	N/A	N/A	11/28/2023	248.6
OXEW1809	37.50274,-122.41130	11/10/2023	21.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1810	37.50836,-122.40523	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1811V	37.50033,-122.41373	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1811R	37.50038,-122.41413	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1812	37.50143,-122.41383	11/21/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1813	37.49854,-122.41171	10/31/2023	371.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1815	37.49686,-122.40844	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1816	37.49807,-122.40847	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1817	37.49883,-122.40890	11/10/2023	30.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1821	37.50973,-122.40565	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1822	37.50946,-122.40584	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1823	37.50918,-122.40598	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1824	37.50858,-122.40533	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1825	37.50814,-122.40531	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1826	37.50125,-122.41430	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1901	37.49663,-122.41045	10/16/2023	1.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1902R	37.49791,-122.40922	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1902V	37.49737,-122.40888	10/31/2023	7.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1904R	37.49838,-122.40968	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1904V	37.49820,-122.41015	11/15/2023	274.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1908	37.49997,-122.41181	11/10/2023	595.3	11/13/2023	132.4	N/A	N/A	11/28/2023	120.7
OXEW1909	37.50086,-122.41117	11/10/2023	260.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1910	37.50112,-122.41167	11/10/2023	5.6	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaite, and Lusi Naivalurua  
 Quarter: 4th 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)
OXEW1911	37.50171,-122.41282	10/31/2023	51.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1912	37.50203,-122.41227	11/10/2023	31.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1913	37.50271,-122.41365	11/10/2023	66.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1914	37.50281,-122.41239	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1915R	37.50609,-122.40637	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1915V	37.50605,-122.40617	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1916	37.50715,-122.40766	11/1/2023	14.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1917	37.50649,-122.40803	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1919	37.50948,-122.40611	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1920	37.50991,-122.40562	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1921	37.50850,-122.40576	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2001	37.50542,-122.40750	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2002	37.50607,-122.40671	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2003	37.50676,-122.40680	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2004	37.50733,-122.40623	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2005	37.50820,-122.40582	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2007	37.50885,-122.40573	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2008	37.50922,-122.40534	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2009	37.50553,-122.40838	11/1/2023	768.6	11/1/2023	263.7	N/A	N/A	11/13/2023	248.7
OXEW2010	37.50618,-122.40817	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2011	37.50682,-122.40741	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2012	37.50541,-122.40684	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2016	37.50063,-122.41247	11/10/2023	87.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2017	37.50119,-122.41244	11/10/2023	278.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2019	37.50044,-122.41111	11/10/2023	329.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2020	37.49698,-122.40896	10/31/2023	54.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2021	37.49680,-122.40792	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2022R	37.49837,-122.40970	11/3/2023	29.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2022V	37.49779,-122.41015	10/31/2023	294.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2023	37.49855,-122.40967	11/10/2023	300.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2024	37.49939,-122.40976	11/10/2023	231.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2025	37.50001,-122.41093	11/10/2023	143.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2026	37.49994,-122.40976	11/21/2023	852.4	11/22/2023	319.2	N/A	N/A	12/11/2023	246.4
OXEW2027	37.50070,-122.41060	11/10/2023	12.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2028R	37.50015,-122.40942	11/21/2023	275.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2028V	37.50063,-122.41014	11/10/2023	437.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2029	37.49790,-122.41099	10/31/2023	101.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2030	37.49890,-122.41217	11/10/2023	40.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2031	37.49953,-122.41256	11/10/2023	143.8	N/A	N/A	N/A	N/A	N/A	N/A

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 Quarter: 4th 2023

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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)
OXEW2101	37.49734,-122.41126	11/21/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2102R	37.49939,-122.41133	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2102V	37.49893,-122.41097	11/10/2023	314.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2103	37.49957,-122.41022	11/10/2023	8.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2104	37.49979,-122.40902	11/10/2023	324.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2105	37.50053,-122.41124	11/10/2023	815.9	11/13/2023	201.8	N/A	11/28/2023	172.1	N/A
OXEW2106	37.50245,-122.41159	11/10/2023	147.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2107	37.50506,-122.40743	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2108	37.50587,-122.40692	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2109	37.50641,-122.40735	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2110V	37.49877,-122.41032	11/10/2023	363.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2110R	37.49889,-122.41055	11/10/2023	259.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2111	37.50138,-122.41087	11/10/2023	170.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2112	37.50180,-122.40998	11/10/2023	1215.5	11/13/2023	283.5	N/A	11/28/2023	405.3	N/A
OXEW2113	37.50180,-122.41098	11/10/2023	785.4	11/13/2023	319.5	N/A	11/28/2023	335.2	N/A
OXEW2207	37.49938,-122.41198	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2208	37.50146,-122.41142	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2209	37.49938,-122.41107	11/10/2023	11.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2210R	37.49790,-122.40921	11/3/2023	20.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2210V	37.49782,-122.40930	11/3/2023	49.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2211	37.49833,-122.40880	11/10/2023	37.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2212	37.49915,-122.40906	11/10/2023	22.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2213	37.50029,-122.40881	11/10/2023	1.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2214	37.49775,-122.40786	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEWHC6AV	37.50636,-122.40574	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEWHC6AR	37.50632,-122.40636	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC1922	37.50178,-122.41132	11/10/2023	3.5	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2000	37.49803,-122.40758	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2001	37.49803,-122.40758	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2014	37.50170,-122.41019	11/10/2023	42.7	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2015	37.50254,-122.40671	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2032	37.50032,-122.40767	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2101	37.49938,-122.40840	11/10/2023	1.2	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2302	37.50428,-122.40742	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2301	37.50428,-122.40743	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCR4A1	37.50257,-122.40673	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCR4B1	37.50257,-122.40674	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS07	37.49789,-122.40745	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS10	37.49933,-122.40824	11/10/2023	55.7	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaite, and Lusi Naivalurua  
 Quarter: 4th 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)
OXLCRS11	37.49933,-122.40823	11/10/2023	13.5	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS12	37.49986,-122.40795	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS3A	37.49633,-122.41322	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS3B	37.49633,-122.41322	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS7B	37.49788,-122.40745	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8A	37.50238,-122.40712	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8B	37.50240,-122.40728	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8C	37.50239,-122.40728	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS9A	37.50170,-122.41019	11/10/2023	25.7	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS9B	37.50170,-122.41019	11/10/2023	16.7	N/A	N/A	N/A	N/A	N/A	N/A
OXME302D	37.49674,-122.40813	10/31/2023	11.8	N/A	N/A	N/A	N/A	N/A	N/A
OXME306D	37.49647,-122.40899	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME312D	37.49795,-122.41173	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME316D	37.50128,-122.41347	10/31/2023	1.5	N/A	N/A	N/A	N/A	N/A	N/A
OXME317D	37.50062,-122.41358	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW113	37.49749,-122.41459	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW122	37.49563,-122.41037	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW126	37.50009,-122.41523	11/10/2023	29.7	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW138	37.49633,-122.41317	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW145	37.49790,-122.41459	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW156R	37.50636,-122.40638	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW156V	37.50644,-122.40594	11/1/2023	220.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW158	37.50114,-122.41485	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW159	37.50088,-122.41495	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW162	37.49626,-122.41193	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW170	37.50871,-122.40513	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW173	37.50728,-122.40593	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW174R	37.50644,-122.40640	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW174V	37.50670,-122.40593	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW175R	37.50629,-122.40636	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW175V	37.50631,-122.40625	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW181	37.50178,-122.41392	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW182	37.49924,-122.41376	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW183	37.49869,-122.41411	10/16/2023	17.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW184	37.49761,-122.41405	10/16/2023	3.4	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW185	37.4973,-122.41389	10/16/2023	1.3	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW186	37.49795,-122.41289	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW187	37.49748,-122.41294	10/16/2023	13.7	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW188	37.49721,-122.41239	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaite, and Lusi Naivalurua  
 Quarter: 4th 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)
OXMEW189	37.49713,-122.41173	10/16/2023	78.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW190	37.49795,-122.41153	10/31/2023	151.8	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW191	37.50720,-122.40664	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW192	37.50510,-122.40695	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW194	37.50081,-122.41449	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW196	37.49875,-122.41364	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW199	37.49805,-122.41334	10/31/2023	173.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW200	37.49747,-122.41332	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW201	37.49723,-122.41352	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW203	37.49671,-122.41452	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW204	37.49667,-122.41391	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW205	37.49750,-122.41211	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW209	37.49739,-122.40951	10/16/2023	297.9	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW210	37.49631,-122.40870	10/16/2023	166.7	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW300	37.49705,-122.40781	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW302	37.49673,-122.40813	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW306	37.49647,-122.40898	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW307	37.49860,-122.41470	11/3/2023	101.8	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW309	37.49711,-122.40952	10/16/2023	10.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW310	37.49859,-122.41323	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW311	37.49661,-122.41136	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW312	37.49795,-122.41173	10/31/2023	1.6	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW315	37.49730,-122.40837	10/31/2023	51.3	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW316	37.50128,-122.41346	10/31/2023	2.8	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW317	37.50063,-122.41359	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW318	37.49997,-122.41371	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW319	37.49935,-122.41333	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW320	37.49827,-122.41125	10/31/2023	284.1	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW322	37.50214,-122.41328	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW323	37.50242,-122.41207	10/31/2023	2.4	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW328	37.50151,-122.41214	11/10/2023	129.4	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWHC1	37.49914,-122.41521	11/3/2023	39.4	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW05	37.50532,-122.40811	11/1/2023	38.7	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW06	37.50466,-122.40843	11/1/2023	316.6	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW08V	37.50472,-122.40710	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW08R	37.50584,-122.40894	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW18R	37.50331,-122.41076	11/15/2023	229.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW18V	37.50314,-122.41083	11/15/2023	341.7	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW1G	37.50616,-122.40836	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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 Quarter: 4th 2023

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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)
OXMEWW1S	37.50430,-122.41031	11/15/2023	65.7	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW2R	37.50007,-122.41526	11/15/2023	89.6	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF03	37.49539,-122.41078	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF04	37.49539,-122.41076	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF06	37.49536,-122.41074	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW30	37.50718,-122.40739	11/1/2023	22.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW31	37.50663,-122.40775	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW32	37.50608,-122.40638	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW33	37.50546,-122.40648	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW35	37.50601,-122.40736	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW44	37.50402,-122.41013	11/21/2023	118.2	11/22/2023	254.5	N/A	12/11/2023	135.3	N/A
OXPEW30A	37.50177,-122.41465	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2033	37.49954,-122.40810	11/21/2023	3.1	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2034	37.49969,-122.40803	11/21/2023	1.8	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2215	37.49882,-122.40974	11/10/2023	4.7	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2216	37.50179,-122.41003	11/10/2023	256.4	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP01	37.50615,-122.40603	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP02	37.49912,-122.41517	11/21/2023	333.5	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP2A	37.49912,-122.41521	11/3/2023	365.4	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP2B	37.49913,-122.41523	11/3/2023	288.4	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0001	37.50036,-122.41458	11/21/2023	3.3	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0002	37.50092,-122.41471	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0003	37.49614,-122.41163	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0004	37.49608,-122.41108	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0006	37.49628,-122.41225	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0007	37.49925,-122.41176	11/21/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0008	37.50178,-122.41070	11/21/2023	238.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0009	37.49919,-122.41009	11/21/2023	85.5	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0013	37.49548,-122.41081	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0015	37.49565,-122.41038	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0016	37.49599,-122.41065	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0017	37.49735,-122.41340	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0018	37.49729,-122.41276	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0019	37.49719,-122.41155	10/16/2023	1.6	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0022	37.50154,-122.41477	11/21/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0023	37.49566,-122.41040	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0025	37.49587,-122.41037	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0026	37.49879,-122.40821	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0028	37.49930,-122.41126	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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		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)
OXCP0029	37.49935,-122.41157	11/10/2023	5.4	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0030	37.50014,-122.41021	11/10/2023	186.2	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0032	37.49622,-122.41249	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0033	37.49627,-122.41279	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0034	37.49895,-122.41110	11/10/2023	93.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0035	37.49900,-122.41214	11/10/2023	48.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0037	37.49817,-122.41012	11/21/2023	51.5	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0038	37.49563,-122.41038	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0040	37.49717,-122.41458	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0041	37.49567,-122.41038	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0042	37.49566,-122.41037	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0043	37.49566,-122.41035	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0044	37.49562,-122.41039	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0045	37.49564,-122.41034	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0046	37.49564,-122.41031	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0047	37.49563,-122.41030	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0048	37.50058,-122.40756	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0051	37.50219,-122.41094	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0052	37.50221,-122.41098	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0053	37.49539,-122.41077	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0054	37.49537,-122.41075	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0056	37.49681,-122.40729	10/31/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0064	37.50257,-122.40675	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0067	37.50032,-122.41375	11/21/2023	1.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0068	37.50841,-122.40583	11/21/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0069	37.50642,-122.40639	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0072	37.49929,-122.41527	11/27/2023	10.7	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0076	37.50206,-122.41128	11/27/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0079	37.49886,-122.41000	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0080	37.49572,-122.41062	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0081	37.49614,-122.41226	11/21/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0085	37.49902,-122.40860	11/10/2023	1.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0086	37.50680,-122.40771	11/27/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0087	37.49560,-122.41016	10/16/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0088	37.49591,-122.40781	11/27/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0089	37.49843,-122.40782	11/27/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0090	37.50356,-122.41165	11/15/2023	86.8	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0091	37.50358,-122.41172	11/15/2023	309.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0092	37.50356,-122.41180	11/15/2023	155.5	N/A	N/A	N/A	N/A	N/A	N/A



## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaite, and Lusi Naivalurua  
 Quarter: 4th 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)
OXCP0093	37.50352,-122.41184	11/15/2023	19.2	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0094	37.50355,-122.41172	11/22/2023	87.3	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0096	37.49932,-122.41404	11/22/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0097	37.50177,-122.41463	11/22/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0098	37.50098,-122.41496	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0099	37.50057,-122.40755	11/21/2023	300.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0100	37.50114,-122.40727	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0101	37.50254,-122.40713	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0102	37.49666,-122.41402	11/22/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0103	37.50339,-122.40666	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0104	37.50267,-122.40697	11/15/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0108	37.50202,-122.41424	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0109	37.50211,-122.41449	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0110	37.50213,-122.41450	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0111	37.50212,-122.41450	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0112	37.50152,-122.41464	11/10/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0113	37.50634,-122.40597	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0114	37.50549,-122.40744	11/1/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0115	37.49717,-122.41458	11/3/2023	0.0	N/A	N/A	N/A	N/A	N/A	N/A

N/A - Not Applicable

ppmv - parts per million by volume  
 CH<sub>4</sub> - Methane ID - Identification

\*Not monitored due to onsite conditions. Please refer to the provided site map for further details.

## Ox Mountain Landfill Instantaneous Surface Emissions Monitoring Log - Between 200 and 499 ppmv

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua

Quarter: 4th 2023

Instrument(s): Inficon Irwin

Grid Number/Cover Penetration ID	Coordinates	Initial Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (>200 ppmv)
OXEW1806	37.49741,-122.41079	10/16/2023	283.4
OXMEW209	37.49739,-122.40951	10/16/2023	297.9
OXMEW209	37.49739,-122.40951	10/31/2023	337.6
OXEW2022V	37.49779,-122.41015	10/31/2023	294.5
OXEW1602	37.50161,-122.41257	10/31/2023	321.5
OXEW1813	37.49854,-122.41171	10/31/2023	371.6
OXMEW320	37.49827,-122.41125	10/31/2023	284.1
OXMEW156V	37.50644,-122.40594	11/1/2023	220.5
OXMEWW06	37.50466,-122.40843	11/1/2023	316.6
OXEW2009	37.50553,-122.40838	11/1/2023	263.7
OXSUMP2A	37.49912,-122.41521	11/3/2023	365.4
OXSUMP2B	37.49913,-122.41523	11/3/2023	288.4
OXEW2023	37.49853,-122.40967	11/10/2023	300.7
OXEW2110V	37.49877, -122.41032	11/10/2023	363.6
OXEW2110R	37.49889, -122.41055	11/10/2023	259.2
OXEW2102V	37.49893,-122.41097	11/10/2023	314.7
OXEW1604	37.50027,-122.41275	11/10/2023	348.3
OXEW1603	37.50093,-122.41226	11/10/2023	214.4
OXEW2017	37.50119,-122.41244	11/10/2023	278.9
OXSS2216	37.50179, -122.41003	11/10/2023	256.4
OXEW1909	37.50086,-122.41117	11/10/2023	260.1
OXEW2028V	37.50063,-122.41014	11/10/2023	437.9
OXEW2019	37.50044,-122.41111	11/10/2023	329.4
OXEW2024	37.49939,-122.40976	11/10/2023	231.9
OXEW2104	37.49979,-122.40902	11/10/2023	324.2
OXEW2028V	37.50063,-122.41014	11/10/2023	215.0
OXEW2113	37.50180,-122.41098	11/13/2023	319.5
OXEW2112	37.50180,-122.40998	11/13/2023	283.5
OXEW2009	37.50553,-122.40838	11/13/2023	248.7
OXEW2105	37.50053,-122.41124	11/13/2023	201.8
OXEW1904V	37.49820,-122.41015	11/15/2023	274.9
OXMEWW18R	37.50331,-122.41076	11/15/2023	229.5
OXMEWW18V	37.50314,-122.41083	11/15/2023	341.7
OXCP0091	37.50358,-122.41172	11/15/2023	309.1
OXEW1622	37.49679,-122.41354	11/15/2023	333.7
OXSUMP02	37.49912,-122.41517	11/21/2023	333.5
OXEW2028R	37.50015,-122.40942	11/21/2023	275.4

## Ox Mountain Landfill Instantaneous Surface Emissions Monitoring Log - Between 200 and 499 ppmv

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua

Quarter: 4th 2023

Instrument(s): Inficon Irwin

Grid Number/Cover Penetration ID	Coordinates	Initial Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (>200 ppmv)
OXCP0008	37.50178,-122.41070	11/21/2023	238.9
OXCP0099	37.50057, -122.40755	11/21/2023	300.9
OXMPEW44	37.50402,-122.41013	11/22/2023	254.5
OXEW2026	37.49994,-122.40976	11/22/2023	319.2
OXEW2026	37.49994,-122.40976	12/11/2023	246.4

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

ID - Identification

## APPENDIX D

### CALIBRATION LOGS

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 10/16/2023

TIME: 7:48 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: 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: 304-401819457 Span Gas Serial Number: 304-402719356-1  
Zero Gas Expiration Date: 05/28/2024 Span Gas Expiration Date: 04/17/2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 10/16/2023

TIME: 7:48 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: 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: 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 (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: 10/16/2023

TIME: 7:48 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: 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: 10/16/2023

### 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:	7:48 AM	Time:	12:37 PM
Temperature:	51 °F	Temperature:	69 °F
Barometer:	30.11 " Hg	Barometer:	30.11 " Hg
Humidity:	99 %	Humidity:	70 %
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: 10/23/2023

TIME: 12:17 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

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: 493 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 495 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Lusi Naivalurua

**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: 08/25/25

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 10/23/2023

TIME: 12:17 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### 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: 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: 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: Lusi Naivalurua

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 10/23/2023

TIME: 12:17 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

**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: 493 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: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 10/23/2023

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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	12:17 PM	Time:	1:47 PM
Temperature:	64 °F	Temperature:	64 °F
Barometer:	29.88 " Hg	Barometer:	29.86 " Hg
Humidity:	81 %	Humidity:	79 %
Wind Speed:	4 mph	Wind Speed:	9 mph
Wind Direction:	NW °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 10/24/2023

TIME: 8:46 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

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: 494 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 498 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \quad \times \quad \frac{1}{(7)} \quad \times \quad \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Lusi Naivalurua

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 21-7995  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 08/25/25

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 10/24/2023

TIME: 8:46 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### 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: 7 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: 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 (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: 10/24/2023

TIME: 8:46 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

#### 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: 494 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: 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: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 10/24/2023

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:46 AM	Time:	3:49 PM
Temperature:	53 °F	Temperature:	55 °F
Barometer:	29.87 " Hg	Barometer:	29.85 " Hg
Humidity:	100 %	Humidity:	100 %
Wind Speed:	1 mph	Wind Speed:	7 mph
Wind Direction:	SW °	Wind Direction:	NW °



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 10/26/2023

TIME: 7:55 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

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: 492 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: 494 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: 21-8129	Span Gas Serial Number: 21-7995
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 08/25/25

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 10/26/2023

TIME: 7:55 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### MEASUREMENT #1:

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 (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: 7 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: 5 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: 10/26/2023

TIME: 7:55 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 492 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 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: 10/26/2023

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:55 AM	Time:	3:20 PM
Temperature:	43 °F	Temperature:	61 °F
Barometer:	30.10 " Hg	Barometer:	30.08 " Hg
Humidity:	99 %	Humidity:	52 %
Wind Speed:	4 mph	Wind Speed:	8 mph
Wind Direction:	NE °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 10/27/2023

TIME: 10:11 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

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: 498 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 494 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Lusi Naivalurua

**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: 08/25/25

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 10/27/2023

TIME: 10:11 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### 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: 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 (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:

$$\frac{(1)+(2)+(3)}{3}$$

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 10/27/2023

TIME: 10:11 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

#### 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: 498 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: 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: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 10/27/2023

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:11 AM	Time:	5:06 PM
Temperature:	50 °F	Temperature:	56 °F
Barometer:	30.13 " Hg	Barometer:	30.09 " Hg
Humidity:	91 %	Humidity:	67 %
Wind Speed:	3 mph	Wind Speed:	8 mph
Wind Direction:	NW °	Wind Direction:	NW °



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 10/30/2023

TIME: 9:21 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

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: 491 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: 496 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:	21-8129	Span Gas Serial Number:	21-7995
Zero Gas Expiration Date:	08/25/2025	Span Gas Expiration Date:	08/25/25

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 10/30/2023

TIME: 9:21 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 491 ppm

90% of the Stabilized Reading: 441 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 8 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: 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 (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: 10/30/2023

TIME: 9:21 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 491 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 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: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 10/30/2023

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:21 AM	Time:	4:11 PM
Temperature:	53 °F	Temperature:	73 °F
Barometer:	30.17 " Hg	Barometer:	30.10 " Hg
Humidity:	50 %	Humidity:	25 %
Wind Speed:	6 mph	Wind Speed:	9 mph
Wind Direction:	NE °	Wind Direction:	NE °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 10/31/2023

TIME: 8:28 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

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: 491 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$
$$= +2\%$$

PERFORMED BY: Lusi Naivalurua

**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: 08/25/25

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 10/31/2023

TIME: 8:28 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

**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: 6 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 491 ppm

90% of the Stabilized Reading: 441 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: 10/31/2023

TIME: 8:28 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### 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: 491 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 492 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: 10/31/2023

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:28 AM	Time:	2:24 PM
Temperature:	52 °F	Temperature:	68 °F
Barometer:	30.13 " Hg	Barometer:	30.08 " Hg
Humidity:	50 %	Humidity:	32 %
Wind Speed:	0 mph	Wind Speed:	6 mph
Wind Direction:	SW °	Wind Direction:	NW °



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 10/31/2023

TIME: 8:00 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: 496 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: 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: 10/31/2023

TIME: 8:00 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: 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: 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)

**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: 10/31/2023

TIME: 8:00 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: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 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: 10/31/2023

### 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:	8:00 AM	Time:	11:04 AM
Temperature:	49 °F	Temperature:	66 °F
Barometer:	30.13 " Hg	Barometer:	30.14 " Hg
Humidity:	71 %	Humidity:	42 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	E °	Wind Direction:	N °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/1/2023

TIME: 9:32 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

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: 491 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 491 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 491 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$
$$= +2\%$$

PERFORMED BY: Lusi Naivalurua

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304402790174-1  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 09-11-27

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/1/2023

TIME: 9:32 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 491 ppm

90% of the Stabilized Reading: 441 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: 491 ppm

90% of the Stabilized Reading: 441 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: 491 ppm

90% of the Stabilized Reading: 441 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: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 11/1/2023

TIME: 9:32 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 491 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 491 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 491 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 491 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: 11/1/2023

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:32 AM	Time:	3:00 PM
Temperature:	54 °F	Temperature:	65 °F
Barometer:	30.08 " Hg	Barometer:	30.03 " Hg
Humidity:	66 %	Humidity:	38 %
Wind Speed:	5 mph	Wind Speed:	4 mph
Wind Direction:	NE °	Wind Direction:	NW °



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/1/2023

TIME: 9:25 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: 497 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: 21-8129 Span Gas Serial Number: 30-402790174-1  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 09/11/2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/1/2023

TIME: 9:25 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: 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 (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: 11/1/2023

TIME: 9:25 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: 497 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: 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: 11/1/2023

### 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:	9:25 AM	Time:	12:25 PM
Temperature:	54 °F	Temperature:	71 °F
Barometer:	30.08 " Hg	Barometer:	30.08 " Hg
Humidity:	67 %	Humidity:	40 %
Wind Speed:	4 mph	Wind Speed:	4 mph
Wind Direction:	E °	Wind Direction:	NE °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/2/2023

TIME: 7:44 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

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: 494 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: 496 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: 21-8129 Span Gas Serial Number: 304402790174-1  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 09-11-27

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 11/2/2023

TIME: 7:44 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### 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: 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: 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 (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: 11/2/2023

TIME: 7:44 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### 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: 496 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: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 11/2/2023

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:44 AM	Time:	10:09 AM
Temperature:	47 °F	Temperature:	61 °F
Barometer:	30.08 " Hg	Barometer:	30.11 " Hg
Humidity:	76 %	Humidity:	59 %
Wind Speed:	1 mph	Wind Speed:	1 mph
Wind Direction:	SW °	Wind Direction:	NE °



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/3/2023

TIME: 1:15 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: 494 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 493 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>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 11/3/2023

TIME: 1:15 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: 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 (1)

#### 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 (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: 11/3/2023

TIME: 1:15 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: 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: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 11/3/2023

### 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:	1:15 PM	Time:	2:29 PM
Temperature:	72 °F	Temperature:	70 °F
Barometer:	30.10 " Hg	Barometer:	30.06 " Hg
Humidity:	51 %	Humidity:	54 %
Wind Speed:	4 mph	Wind Speed:	4 mph
Wind Direction:	NW °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/8/2023

TIME: 8:22 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

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: 499 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 499 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$
$$= +0\%$$

PERFORMED BY: Lusi Naivalurua

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304402790174-1  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 09-11-27

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/8/2023

TIME: 8:22 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

**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: 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 (2)

**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: 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: 11/8/2023

TIME: 8:22 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### 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: 499 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: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 11/8/2023

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:22 AM	Time:	2:32 PM
Temperature:	53 °F	Temperature:	64 °F
Barometer:	30.24 " Hg	Barometer:	30.20 " Hg
Humidity:	68 %	Humidity:	39 %
Wind Speed:	2 mph	Wind Speed:	7 mph
Wind Direction:	N °	Wind Direction:	NW °



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/9/2023

TIME: 8:18 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

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: 493 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: 21-8129	Span Gas Serial Number: 304402790174-1
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 09-11-27

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/9/2023

TIME: 8:18 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

**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: 7 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: 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:**

$$\frac{(1)+(2)+(3)}{3}$$

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 11/9/2023

TIME: 8:18 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### 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: 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: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 11/9/2023

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:18 AM	Time:	2:03 PM
Temperature:	47 °F	Temperature:	47 °F
Barometer:	30.22 " Hg	Barometer:	30.02 " Hg
Humidity:	85 %	Humidity:	85 %
Wind Speed:	2 mph	Wind Speed:	2 mph
Wind Direction:	NE °	Wind Direction:	NE °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/10/2023

TIME: 7:52 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002364

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: 499 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: 496 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: 21-8129 Span Gas Serial Number: 304402790174-1  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 09-11-27

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 11/10/2023

TIME: 7:52 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

#### MEASUREMENT #1:

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 #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: 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 (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: 11/10/2023

TIME: 7:52 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002364

##### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 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: 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: 11/10/2023

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:52 AM	Time:	1:33 PM
Temperature:	48 °F	Temperature:	64 °F
Barometer:	30.14 " Hg	Barometer:	30.10 " Hg
Humidity:	80 %	Humidity:	55 %
Wind Speed:	2 mph	Wind Speed:	8 mph
Wind Direction:	NE °	Wind Direction:	NW °



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/10/2023

TIME: 7:56 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: 496 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: 21-8129 Span Gas Serial Number: 30-402790174-1  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 09/11/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 11/10/2023

TIME: 7:56 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: 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 (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: 11/10/2023

TIME: 7:56 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: 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: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 11/10/2023

### 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:	7:56 AM	Time:	12:40 PM
Temperature:	47 °F	Temperature:	65 °F
Barometer:	30.15 " Hg	Barometer:	30.11 " Hg
Humidity:	97 %	Humidity:	53 %
Wind Speed:	4 mph	Wind Speed:	4 mph
Wind Direction:	NE °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/13/2023

TIME: 8:12 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: 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>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/13/2023

TIME: 8:12 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: 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 (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:**

$$\frac{(1)+(2)+(3)}{3}$$

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 11/13/2023

TIME: 8:12 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: 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: 11/13/2023

### 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:	8:12 AM	Time:	11:24 AM
Temperature:	50 °F	Temperature:	62 °F
Barometer:	29.99 " Hg	Barometer:	29.96 " Hg
Humidity:	98 %	Humidity:	70 %
Wind Speed:	3 mph	Wind Speed:	4 mph
Wind Direction:	SE °	Wind Direction:	S °



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/15/2023

TIME: 7:54 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: 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: <u>21-8129</u>	Span Gas Serial Number: <u>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/15/2023

TIME: 7:54 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: 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: 6 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: 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: 11/15/2023

TIME: 7:54 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: 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: 11/15/2023

### 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:	7:54 AM	Time:	11:52 AM
Temperature:	56 °F	Temperature:	59 °F
Barometer:	29.83 " Hg	Barometer:	29.85 " Hg
Humidity:	75 %	Humidity:	68 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	E °	Wind Direction:	E °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/21/2023

TIME: 8:29 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: 499 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: 500 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: <u>21-8129</u>	Span Gas Serial Number: <u>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 11/21/2023

TIME: 8:29 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

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)

#### 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: 5 seconds (1)

#### 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: 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: 11/21/2023

TIME: 8:29 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: 499 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 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: 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: 11/21/2023

### 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:	8:29 AM	Time:	3:39 PM
Temperature:	52 °F	Temperature:	64 °F
Barometer:	30.33 " Hg	Barometer:	30.31 " Hg
Humidity:	66 %	Humidity:	42 %
Wind Speed:	4 mph	Wind Speed:	2 mph
Wind Direction:	E °	Wind Direction:	E °



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/22/2023

TIME: 8:31 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: 494 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: 21-8129 Span Gas Serial Number: 30-402790174-1  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 09/11/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 11/22/2023

TIME: 8:31 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: 5 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: 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: 11/22/2023

TIME: 8:31 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: 494 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: 11/22/2023

### 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:	8:31 AM	Time:	12:03 PM
Temperature:	50 °F	Temperature:	67 °F
Barometer:	30.22 " Hg	Barometer:	30.16 " Hg
Humidity:	75 %	Humidity:	46 %
Wind Speed:	4 mph	Wind Speed:	4 mph
Wind Direction:	E °	Wind Direction:	NE °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/27/2023

TIME: 10:57 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: <u>21-8129</u>	Span Gas Serial Number: <u>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/27/2023

TIME: 10:57 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: 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 (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: 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: 11/27/2023

TIME: 10:57 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: 11/27/2023

### 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:	10:57 AM	Time:	12:10 PM
Temperature:	57 °F	Temperature:	63 °F
Barometer:	30.12 " Hg	Barometer:	30.10 " Hg
Humidity:	50 %	Humidity:	40 %
Wind Speed:	4 mph	Wind Speed:	4 mph
Wind Direction:	NE °	Wind Direction:	NE °



**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 11/28/2023

TIME: 10:53 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: 501 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 500 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 500 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:	<u>21-8129</u>	Span Gas Serial Number:	<u>30-402790174-1</u>
Zero Gas Expiration Date:	<u>08/25/2025</u>	Span Gas Expiration Date:	<u>09/11/2027</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 11/28/2023

TIME: 10:53 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 501 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 (1)

#### MEASUREMENT #2:

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 (1)

#### 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 (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: 11/28/2023

TIME: 10:53 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: 501 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 500 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: 500 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: 11/28/2023

### 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:	10:53 AM	Time:	11:46 AM
Temperature:	59 °F	Temperature:	63 °F
Barometer:	30.14 " Hg	Barometer:	30.11 " Hg
Humidity:	49 %	Humidity:	47 %
Wind Speed:	4 mph	Wind Speed:	4 mph
Wind Direction:	S °	Wind Direction:	S °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 12/11/2023

TIME: 9:15 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: 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>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 12/11/2023

TIME: 9:15 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: 5 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: 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: 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: 12/11/2023

TIME: 9:15 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: 495 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: 12/11/2023

### 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:	9:15 AM	Time:	10:22 AM
Temperature:	51 °F	Temperature:	55 °F
Barometer:	30.12 " Hg	Barometer:	30.12 " Hg
Humidity:	70 %	Humidity:	62 %
Wind Speed:	3 mph	Wind Speed:	3 mph
Wind Direction:	NE °	Wind Direction:	NE °



## 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
10/16/2023 6:00	53.0	0.0		0	0.0
10/16/2023 6:05	53.0	0.0		0	0.0
10/16/2023 6:10	53.0	0.0		0	0.0
10/16/2023 6:15	53.0	0.0		0	0.0
10/16/2023 6:20	53.0	0.0		0	0.0
10/16/2023 6:25	53.0	0.0		0	0.0
10/16/2023 6:30	53.0	0.0		0	0.0
10/16/2023 6:35	53.0	0.0		0	0.0
10/16/2023 6:40	53.0	0.0		0	0.0
10/16/2023 6:45	53.0	0.0		0	0.0
10/16/2023 6:50	53.0	0.0		0	0.0
10/16/2023 6:55	53.0	0.0		0	0.0
10/16/2023 7:00	53.0	0.0		0	0.0
10/16/2023 7:05	53.0	0.0		0	0.0
10/16/2023 7:10	53.0	0.0		0	0.0
10/16/2023 7:15	53.0	0.0		0	0.0
10/16/2023 7:20	53.0	0.0		0	0.0
10/16/2023 7:25	53.0	0.0		0	0.0
10/16/2023 7:30	53.0	0.0		0	0.0
10/16/2023 7:35	53.0	0.0		0	0.0
10/16/2023 7:40	53.0	0.0		0	0.0
10/16/2023 7:45	53.0	0.0		0	0.0
10/16/2023 7:50	53.0	0.0		0	0.0
10/16/2023 7:55	54.0	0.0		0	0.0
10/16/2023 8:00	54.0	0.0		0	0.0
10/16/2023 8:05	54.0	0.0		0	0.0
10/16/2023 8:10	55.0	0.0		0	0.0
10/16/2023 8:15	56.0	0.0		0	0.0
10/16/2023 8:20	57.0	0.0		0	0.0
10/16/2023 8:25	57.0	0.0		0	0.0
10/16/2023 8:30	58.0	0.0		0	0.0
10/16/2023 8:35	59.0	0.0		0	0.0
10/16/2023 8:40	60.0	0.0		0	0.0
10/16/2023 8:45	61.0	0.0		0	0.0
10/16/2023 8:50	62.0	0.0		2	0.0
10/16/2023 8:55	62.0	0.0		2	0.0
10/16/2023 9:00	63.0	0.0		1	0.0
10/16/2023 9:05	64.0	1.0	W	2	0.0
10/16/2023 9:10	64.0	0.0		2	0.0
10/16/2023 9:15	64.0	0.0		1	0.0
10/16/2023 9:20	65.0	0.0		2	0.0
10/16/2023 9:25	65.0	0.0		1	0.0
10/16/2023 9:30	66.0	1.0	W	2	0.0
10/16/2023 9:35	66.0	0.0		1	0.0
10/16/2023 9:40	66.0	0.0		1	0.0
10/16/2023 9:45	67.0	1.0	E	3	0.0
10/16/2023 9:50	67.0	2.0	NNE	4	0.0
10/16/2023 9:55	67.0	2.0	NNE	4	0.0
10/16/2023 10:00	66.0	1.0	NNE	4	0.0
10/16/2023 10:05	66.0	2.0	NE	4	0.0
10/16/2023 10:10	66.0	2.0	E	4	0.0
10/16/2023 10:15	66.0	1.0	NNE	3	0.0

10/16/2023 10:20	65.0	2.0	E	4	0.0
10/16/2023 10:25	65.0	0.0		2	0.0
10/16/2023 10:30	66.0	1.0	ENE	2	0.0
10/16/2023 10:35	66.0	1.0	E	3	0.0
10/16/2023 10:40	66.0	1.0	ESE	3	0.0
10/16/2023 10:45	66.0	1.0	NE	4	0.0
10/16/2023 10:50	66.0	2.0	ESE	4	0.0
10/16/2023 10:55	66.0	2.0	ESE	4	0.0
10/16/2023 11:00	66.0	1.0	ESE	3	0.0
10/16/2023 11:05	67.0	1.0	NNE	4	0.0
10/16/2023 11:10	68.0	2.0	N	3	0.0
10/16/2023 11:15	68.0	2.0	ENE	4	0.0
10/16/2023 11:20	68.0	1.0	ESE	4	0.0
10/16/2023 11:25	68.0	2.0	NNW	4	0.0
10/16/2023 11:30	69.0	2.0	NNE	5	0.0
10/16/2023 11:35	69.0	2.0	NNE	5	0.0
10/16/2023 11:40	69.0	2.0	NNE	4	0.0
10/16/2023 11:45	69.0	2.0	NE	5	0.0
10/16/2023 11:50	69.0	2.0	NNE	5	0.0
10/16/2023 11:55	68.0	2.0	NE	5	0.0
10/16/2023 12:00	68.0	2.0	ENE	4	0.0
10/16/2023 12:05	69.0	2.0	NNW	4	0.0
10/16/2023 12:10	69.0	3.0	ENE	6	0.0
10/16/2023 12:15	69.0	2.0	NNE	4	0.0
10/16/2023 12:20	69.0	4.0	ESE	7	0.0
10/16/2023 12:25	68.0	4.0	ESE	7	0.0
10/16/2023 12:30	68.0	4.0	ESE	7	0.0
10/16/2023 12:35	68.0	5.0	E	8	0.0
10/16/2023 12:40	68.0	5.0	ESE	8	0.0
10/16/2023 12:45	68.0	5.0	ESE	8	0.0
10/16/2023 12:50	68.0	5.0	ESE	8	0.0
10/16/2023 12:55	68.0	5.0	ESE	8	0.0
10/16/2023 13:00	68.0	5.0	ESE	9	0.0
10/16/2023 13:05	69.0	5.0	ESE	7	0.0
10/16/2023 13:10	68.0	5.0	E	7	0.0
10/16/2023 13:15	69.0	5.0	E	7	0.0
10/16/2023 13:20	69.0	4.0	E	7	0.0
10/16/2023 13:25	70.0	5.0	ESE	7	0.0
10/16/2023 13:30	70.0	5.0	E	9	0.0
10/16/2023 13:35	70.0	4.0	ESE	7	0.0
10/16/2023 13:40	70.0	4.0	ESE	8	0.0
10/16/2023 13:45	70.0	4.0	E	8	0.0
10/16/2023 13:50	71.0	3.0	ESE	7	0.0
10/16/2023 13:55	71.0	4.0	ESE	7	0.0
10/16/2023 14:00	71.0	3.0	E	7	0.0
10/16/2023 14:05	72.0	4.0	ESE	9	0.0
10/16/2023 14:10	72.0	5.0	SE	9	0.0
10/16/2023 14:15	72.0	5.0	ESE	10	0.0
10/16/2023 14:20	72.0	6.0	ESE	9	0.0
10/16/2023 14:25	71.0	5.0	ESE	10	0.0
10/16/2023 14:30	71.0	6.0	ESE	11	0.0
10/16/2023 14:35	71.0	7.0	E	12	0.0
10/16/2023 14:40	71.0	6.0	ESE	11	0.0
10/16/2023 14:45	71.0	9.0	ESE	14	0.0
10/16/2023 14:50	70.0	9.0	ESE	16	0.0

10/16/2023 14:55	70.0	9.0	ESE	13	0.0
10/16/2023 15:00	70.0	8.0	ESE	12	0.0
10/16/2023 15:05	70.0	9.0	E	14	0.0
10/16/2023 15:10	70.0	7.0	ESE	13	0.0
10/16/2023 15:15	70.0	7.0	ESE	15	0.0
10/16/2023 15:20	70.0	7.0	ESE	10	0.0
10/16/2023 15:25	70.0	7.0	ESE	11	0.0
10/16/2023 15:30	70.0	6.0	ESE	10	0.0
10/16/2023 15:35	70.0	6.0	ESE	12	0.0
10/16/2023 15:40	70.0	5.0	ESE	8	0.0
10/16/2023 15:45	70.0	6.0	ESE	11	0.0
10/16/2023 15:50	70.0	6.0	ESE	11	0.0
10/16/2023 15:55	71.0	6.0	ESE	12	0.0
10/16/2023 16:00	71.0	8.0	ESE	14	0.0
10/16/2023 16:05	71.0	7.0	ESE	11	0.0
10/16/2023 16:10	71.0	7.0	ESE	11	0.0
10/16/2023 16:15	70.0	6.0	E	10	0.0
10/16/2023 16:20	71.0	4.0	ESE	7	0.0
10/16/2023 16:25	71.0	4.0	ESE	7	0.0
10/16/2023 16:30	71.0	5.0	ESE	10	0.0
10/16/2023 16:35	71.0	6.0	ESE	10	0.0
10/16/2023 16:40	71.0	7.0	E	11	0.0
10/16/2023 16:45	71.0	9.0	ESE	12	0.0
10/16/2023 16:50	71.0	6.0	ESE	12	0.0
10/16/2023 16:55	71.0	7.0	ESE	11	0.0
10/16/2023 17:00	71.0	7.0	ESE	12	0.0
10/16/2023 17:05	70.0	6.0	ESE	11	0.0
10/16/2023 17:10	70.0	6.0	ESE	11	0.0
10/16/2023 17:15	70.0	6.0	ESE	12	0.0
10/16/2023 17:20	70.0	8.0	ESE	13	0.0
10/16/2023 17:25	70.0	7.0	ESE	12	0.0
10/16/2023 17:30	70.0	10.0	E	15	0.0
10/16/2023 17:35	70.0	8.0	ESE	13	0.0
10/16/2023 17:40	70.0	7.0	E	13	0.0
10/16/2023 17:45	70.0	6.0	ESE	12	0.0
10/16/2023 17:50	69.0	7.0	ESE	10	0.0
10/16/2023 17:55	69.0	6.0	ESE	10	0.0
10/16/2023 18:00	69.0	8.0	ESE	14	0.0
10/23/2023 6:00	60.0	0.0		2	0.0
10/23/2023 6:05	60.0	0.0		2	0.0
10/23/2023 6:10	60.0	0.0		0	0.0
10/23/2023 6:15	60.0	0.0		0	0.0
10/23/2023 6:20	60.0	0.0		0	0.0
10/23/2023 6:25	60.0	0.0		0	0.0
10/23/2023 6:30	60.0	0.0		0	0.0
10/23/2023 6:35	60.0	0.0		0	0.0
10/23/2023 6:40	61.0	0.0		0	0.0
10/23/2023 6:45	61.0	0.0		0	0.0
10/23/2023 6:50	61.0	0.0		0	0.0
10/23/2023 6:55	61.0	0.0		0	0.0
10/23/2023 7:00	61.0	0.0		0	0.0
10/23/2023 7:05	61.0	0.0		0	0.0
10/23/2023 7:10	61.0	0.0		0	0.0
10/23/2023 7:15	61.0	0.0		0	0.0
10/23/2023 7:20	61.0	0.0		0	0.0

10/23/2023 7:25	61.0	0.0		0	0.0
10/23/2023 7:30	61.0	0.0		2	0.0
10/23/2023 7:35	61.0	0.0		1	0.0
10/23/2023 7:40	61.0	0.0		1	0.0
10/23/2023 7:45	60.0	2.0	S	6	0.0
10/23/2023 7:50	60.0	0.0		1	0.0
10/23/2023 7:55	60.0	0.0		0	0.0
10/23/2023 8:00	60.0	0.0		0	0.0
10/23/2023 8:05	60.0	1.0	E	3	0.0
10/23/2023 8:10	60.0	3.0	E	6	0.0
10/23/2023 8:15	60.0	3.0	ESE	6	0.0
10/23/2023 8:20	60.0	2.0	ESE	6	0.0
10/23/2023 8:25	61.0	1.0	E	3	0.0
10/23/2023 8:30	61.0	2.0	SE	7	0.0
10/23/2023 8:35	61.0	2.0	SSE	7	0.0
10/23/2023 8:40	61.0	1.0	ESE	4	0.0
10/23/2023 8:45	61.0	2.0	SE	5	0.0
10/23/2023 8:50	61.0	1.0	SE	3	0.0
10/23/2023 8:55	62.0	1.0	SSW	3	0.0
10/23/2023 9:00	62.0	1.0	S	3	0.0
10/23/2023 9:05	62.0	1.0	S	3	0.0
10/23/2023 9:10	62.0	1.0	S	3	0.0
10/23/2023 9:15	62.0	1.0	ESE	6	0.0
10/23/2023 9:20	62.0	1.0	ESE	4	0.0
10/23/2023 9:25	62.0	2.0	ESE	8	0.0
10/23/2023 9:30	62.0	3.0	ESE	5	0.0
10/23/2023 9:35	62.0	2.0	ESE	7	0.0
10/23/2023 9:40	63.0	5.0	ESE	9	0.0
10/23/2023 9:45	63.0	4.0	ESE	9	0.0
10/23/2023 9:50	63.0	6.0	ESE	10	0.0
10/23/2023 9:55	63.0	6.0	ESE	10	0.0
10/23/2023 10:00	63.0	5.0	ESE	10	0.0
10/23/2023 10:05	64.0	4.0	ESE	10	0.0
10/23/2023 10:10	64.0	4.0	ESE	10	0.0
10/23/2023 10:15	64.0	2.0	ESE	4	0.0
10/23/2023 10:20	64.0	4.0	ESE	6	0.0
10/23/2023 10:25	64.0	3.0	ESE	7	0.0
10/23/2023 10:30	64.0	2.0	E	6	0.0
10/23/2023 10:35	65.0	0.0		2	0.0
10/23/2023 10:40	65.0	1.0	SSW	4	0.0
10/23/2023 10:45	65.0	1.0	S	4	0.0
10/23/2023 10:50	66.0	3.0	E	8	0.0
10/23/2023 10:55	66.0	4.0	ESE	8	0.0
10/23/2023 11:00	66.0	2.0	E	7	0.0
10/23/2023 11:05	66.0	4.0	ENE	8	0.0
10/23/2023 11:10	66.0	5.0	ENE	9	0.0
10/23/2023 11:15	66.0	6.0	E	10	0.0
10/23/2023 11:20	66.0	5.0	E	8	0.0
10/23/2023 11:25	66.0	4.0	E	8	0.0
10/23/2023 11:30	66.0	4.0	E	8	0.0
10/23/2023 11:35	66.0	4.0	E	9	0.0
10/23/2023 11:40	66.0	3.0	ENE	6	0.0
10/23/2023 11:45	66.0	4.0	E	8	0.0
10/23/2023 11:50	67.0	4.0	E	8	0.0
10/23/2023 11:55	66.0	5.0	ESE	9	0.0

10/23/2023 12:00	66.0	4.0	ESE	7	0.0
10/23/2023 12:05	66.0	4.0	ESE	8	0.0
10/23/2023 12:10	66.0	4.0	ESE	8	0.0
10/23/2023 12:15	66.0	3.0	E	7	0.0
10/23/2023 12:20	67.0	3.0	E	7	0.0
10/23/2023 12:25	67.0	4.0	E	8	0.0
10/23/2023 12:30	67.0	3.0	ESE	7	0.0
10/23/2023 12:35	67.0	4.0	E	9	0.0
10/23/2023 12:40	68.0	6.0	ESE	9	0.0
10/23/2023 12:45	67.0	6.0	ESE	11	0.0
10/23/2023 12:50	67.0	7.0	E	11	0.0
10/23/2023 12:55	67.0	7.0	ESE	12	0.0
10/23/2023 13:00	67.0	8.0	ESE	13	0.0
10/23/2023 13:05	67.0	9.0	E	15	0.0
10/23/2023 13:10	66.0	9.0	ESE	15	0.0
10/23/2023 13:15	66.0	9.0	E	15	0.0
10/23/2023 13:20	66.0	10.0	E	17	0.0
10/23/2023 13:25	65.0	9.0	E	16	0.0
10/23/2023 13:30	65.0	9.0	E	14	0.0
10/23/2023 13:35	65.0	7.0	E	13	0.0
10/23/2023 13:40	65.0	7.0	E	12	0.0
10/23/2023 13:45	65.0	6.0	ESE	11	0.0
10/23/2023 13:50	65.0	6.0	ESE	10	0.0
10/23/2023 13:55	65.0	6.0	E	11	0.0
10/23/2023 14:00	65.0	7.0	E	11	0.0
10/23/2023 14:05	65.0	6.0	E	10	0.0
10/23/2023 14:10	66.0	5.0	ESE	10	0.0
10/23/2023 14:15	66.0	6.0	E	10	0.0
10/23/2023 14:20	66.0	7.0	E	11	0.0
10/23/2023 14:25	65.0	7.0	ESE	10	0.0
10/23/2023 14:30	65.0	5.0	ESE	10	0.0
10/23/2023 14:35	65.0	4.0	ENE	8	0.0
10/23/2023 14:40	66.0	4.0	E	9	0.0
10/23/2023 14:45	66.0	4.0	E	9	0.0
10/23/2023 14:50	67.0	4.0	ESE	8	0.0
10/23/2023 14:55	67.0	4.0	E	7	0.0
10/23/2023 15:00	67.0	6.0	E	11	0.0
10/23/2023 15:05	67.0	8.0	E	13	0.0
10/23/2023 15:10	66.0	8.0	ESE	13	0.0
10/23/2023 15:15	66.0	7.0	E	12	0.0
10/23/2023 15:20	66.0	8.0	ESE	13	0.0
10/23/2023 15:25	66.0	9.0	E	17	0.0
10/23/2023 15:30	65.0	9.0	ESE	15	0.0
10/23/2023 15:35	65.0	10.0	ESE	15	0.0
10/23/2023 15:40	65.0	11.0	ESE	18	0.0
10/23/2023 15:45	64.0	9.0	ESE	16	0.0
10/23/2023 15:50	64.0	11.0	ESE	17	0.0
10/23/2023 15:55	64.0	11.0	E	17	0.0
10/23/2023 16:00	64.0	11.0	ESE	17	0.0
10/23/2023 16:05	64.0	11.0	ESE	18	0.0
10/23/2023 16:10	64.0	10.0	E	16	0.0
10/23/2023 16:15	63.0	11.0	E	18	0.0
10/23/2023 16:20	63.0	11.0	E	21	0.0
10/23/2023 16:25	63.0	11.0	ESE	21	0.0
10/23/2023 16:30	63.0	12.0	E	18	0.0

10/23/2023 16:35	63.0	10.0	ESE	18	0.0
10/23/2023 16:40	63.0	8.0	ESE	14	0.0
10/23/2023 16:45	64.0	8.0	E	14	0.0
10/23/2023 16:50	64.0	8.0	E	14	0.0
10/23/2023 16:55	63.0	9.0	E	15	0.0
10/23/2023 17:00	63.0	8.0	E	15	0.0
10/23/2023 17:05	63.0	7.0	E	13	0.0
10/23/2023 17:10	63.0	8.0	E	15	0.0
10/23/2023 17:15	63.0	9.0	ESE	15	0.0
10/23/2023 17:20	63.0	10.0	E	18	0.0
10/23/2023 17:25	63.0	11.0	E	17	0.0
10/23/2023 17:30	63.0	9.0	E	16	0.0
10/23/2023 17:35	63.0	10.0	E	16	0.0
10/23/2023 17:40	63.0	7.0	E	14	0.0
10/23/2023 17:45	63.0	9.0	E	17	0.0
10/23/2023 17:50	62.0	8.0	E	14	0.0
10/23/2023 17:55	62.0	7.0	E	14	0.0
10/23/2023 18:00	62.0	7.0	E	14	0.0
10/24/2023 6:00	56.0	0.0		0	0.0
10/24/2023 6:05	56.0	0.0		0	0.0
10/24/2023 6:10	56.0	0.0		0	0.0
10/24/2023 6:15	57.0	0.0		0	0.0
10/24/2023 6:20	57.0	0.0		0	0.0
10/24/2023 6:25	57.0	0.0		0	0.0
10/24/2023 6:30	57.0	0.0		0	0.0
10/24/2023 6:35	57.0	0.0		0	0.0
10/24/2023 6:40	57.0	0.0		0	0.0
10/24/2023 6:45	57.0	0.0		0	0.0
10/24/2023 6:50	57.0	0.0		0	0.0
10/24/2023 6:55	57.0	0.0		0	0.0
10/24/2023 7:00	57.0	0.0		0	0.0
10/24/2023 7:05	57.0	1.0	WNW	4	0.0
10/24/2023 7:10	57.0	2.0	WNW	3	0.0
10/24/2023 7:15	57.0	1.0	W	3	0.0
10/24/2023 7:20	57.0	0.0		3	0.0
10/24/2023 7:25	57.0	0.0		0	0.0
10/24/2023 7:30	57.0	1.0	WSW	3	0.0
10/24/2023 7:35	57.0	1.0	WSW	3	0.0
10/24/2023 7:40	57.0	1.0	WNW	3	0.0
10/24/2023 7:45	57.0	2.0	NW	6	0.0
10/24/2023 7:50	57.0	1.0	WNW	6	0.0
10/24/2023 7:55	57.0	1.0	WSW	4	0.0
10/24/2023 8:00	57.0	1.0	WSW	3	0.0
10/24/2023 8:05	57.0	0.0		3	0.0
10/24/2023 8:10	57.0	0.0		2	0.0
10/24/2023 8:15	57.0	2.0	WSW	3	0.0
10/24/2023 8:20	57.0	1.0	W	4	0.0
10/24/2023 8:25	57.0	1.0	WNW	3	0.0
10/24/2023 8:30	57.0	2.0	WSW	4	0.0
10/24/2023 8:35	57.0	0.0		1	0.0
10/24/2023 8:40	57.0	0.0		1	0.0
10/24/2023 8:45	57.0	0.0		1	0.0
10/24/2023 8:50	57.0	0.0		3	0.0
10/24/2023 8:55	57.0	1.0	NW	3	0.0
10/24/2023 9:00	57.0	0.0		0	0.0

10/24/2023 9:05	57.0	0.0		2	0.0
10/24/2023 9:10	57.0	1.0	N	3	0.0
10/24/2023 9:15	57.0	1.0	WNW	3	0.0
10/24/2023 9:20	57.0	3.0	WNW	4	0.0
10/24/2023 9:25	57.0	4.0	WNW	7	0.0
10/24/2023 9:30	57.0	3.0	WNW	6	0.0
10/24/2023 9:35	58.0	2.0	WSW	5	0.0
10/24/2023 9:40	58.0	2.0	WNW	4	0.0
10/24/2023 9:45	58.0	3.0	WNW	7	0.0
10/24/2023 9:50	58.0	2.0	W	4	0.0
10/24/2023 9:55	58.0	2.0	WNW	7	0.0
10/24/2023 10:00	58.0	3.0	WNW	6	0.0
10/24/2023 10:05	58.0	3.0	WNW	6	0.0
10/24/2023 10:10	58.0	2.0	NW	6	0.0
10/24/2023 10:15	58.0	2.0	NW	6	0.0
10/24/2023 10:20	58.0	2.0	WNW	4	0.0
10/24/2023 10:25	58.0	2.0	WNW	4	0.0
10/24/2023 10:30	58.0	2.0	NW	5	0.0
10/24/2023 10:35	58.0	3.0	NW	5	0.0
10/24/2023 10:40	58.0	2.0	WNW	6	0.0
10/24/2023 10:45	58.0	2.0	WSW	6	0.0
10/24/2023 10:50	58.0	1.0	NW	5	0.0
10/24/2023 10:55	58.0	2.0	NW	4	0.0
10/24/2023 11:00	58.0	1.0	NNW	4	0.0
10/24/2023 11:05	59.0	1.0	NNW	3	0.0
10/24/2023 11:10	59.0	1.0	N	3	0.0
10/24/2023 11:15	59.0	1.0	N	3	0.0
10/24/2023 11:20	59.0	1.0	N	3	0.0
10/24/2023 11:25	59.0	1.0	NW	4	0.0
10/24/2023 11:30	59.0	0.0		2	0.0
10/24/2023 11:35	59.0	1.0	N	4	0.0
10/24/2023 11:40	59.0	1.0	NNE	3	0.0
10/24/2023 11:45	59.0	1.0	NE	3	0.0
10/24/2023 11:50	59.0	1.0	WNW	3	0.0
10/24/2023 11:55	60.0	2.0	WNW	4	0.0
10/24/2023 12:00	59.0	1.0	WSW	3	0.0
10/24/2023 12:05	60.0	1.0	E	3	0.0
10/24/2023 12:10	60.0	1.0	N	3	0.0
10/24/2023 12:15	60.0	2.0	WNW	4	0.0
10/24/2023 12:20	61.0	2.0	NW	5	0.0
10/24/2023 12:25	61.0	1.0	WNW	5	0.0
10/24/2023 12:30	61.0	1.0	NNW	4	0.0
10/24/2023 12:35	62.0	1.0	NE	3	0.0
10/24/2023 12:40	62.0	1.0	ENE	4	0.0
10/24/2023 12:45	62.0	2.0	NNE	5	0.0
10/24/2023 12:50	62.0	2.0	N	4	0.0
10/24/2023 12:55	63.0	1.0	NE	4	0.0
10/24/2023 13:00	63.0	2.0	N	3	0.0
10/24/2023 13:05	63.0	1.0	NNE	3	0.0
10/24/2023 13:10	63.0	2.0	ENE	5	0.0
10/24/2023 13:15	64.0	2.0	NE	5	0.0
10/24/2023 13:20	64.0	4.0	ESE	7	0.0
10/24/2023 13:25	63.0	3.0	ESE	6	0.0
10/24/2023 13:30	63.0	3.0	E	6	0.0
10/24/2023 13:35	64.0	3.0	ESE	7	0.0



10/24/2023 13:40	64.0	3.0	E	7	0.0
10/24/2023 13:45	64.0	3.0	E	8	0.0
10/24/2023 13:50	64.0	4.0	ESE	8	0.0
10/24/2023 13:55	64.0	4.0	E	8	0.0
10/24/2023 14:00	64.0	3.0	ESE	5	0.0
10/24/2023 14:05	64.0	5.0	E	9	0.0
10/24/2023 14:10	64.0	5.0	E	9	0.0
10/24/2023 14:15	65.0	4.0	ENE	8	0.0
10/24/2023 14:20	65.0	4.0	E	9	0.0
10/24/2023 14:25	66.0	4.0	ENE	9	0.0
10/24/2023 14:30	66.0	4.0	ENE	8	0.0
10/24/2023 14:35	67.0	3.0	E	8	0.0
10/24/2023 14:40	67.0	4.0	E	8	0.0
10/24/2023 14:45	67.0	4.0	ESE	8	0.0
10/24/2023 14:50	67.0	5.0	E	7	0.0
10/24/2023 14:55	67.0	4.0	ESE	8	0.0
10/24/2023 15:00	67.0	4.0	ESE	9	0.0
10/24/2023 15:05	67.0	3.0	ESE	7	0.0
10/24/2023 15:10	67.0	3.0	SE	5	0.0
10/24/2023 15:15	68.0	3.0	ESE	6	0.0
10/24/2023 15:20	68.0	2.0	S	8	0.0
10/24/2023 15:25	69.0	2.0	ESE	7	0.0
10/24/2023 15:30	69.0	2.0	ESE	7	0.0
10/24/2023 15:35	69.0	3.0	ESE	5	0.0
10/24/2023 15:40	70.0	4.0	ESE	8	0.0
10/24/2023 15:45	70.0	3.0	ESE	7	0.0
10/24/2023 15:50	70.0	3.0	ESE	6	0.0
10/24/2023 15:55	70.0	3.0	ESE	6	0.0
10/24/2023 16:00	70.0	3.0	ESE	8	0.0
10/24/2023 16:05	69.0	5.0	ESE	8	0.0
10/24/2023 16:10	69.0	6.0	E	9	0.0
10/24/2023 16:15	68.0	6.0	ESE	11	0.0
10/24/2023 16:20	68.0	8.0	ESE	11	0.0
10/24/2023 16:25	67.0	7.0	ESE	11	0.0
10/24/2023 16:30	67.0	8.0	ESE	12	0.0
10/24/2023 16:35	66.0	8.0	E	14	0.0
10/24/2023 16:40	66.0	8.0	ESE	13	0.0
10/24/2023 16:45	66.0	8.0	ESE	12	0.0
10/24/2023 16:50	65.0	7.0	ESE	12	0.0
10/24/2023 16:55	65.0	7.0	ESE	14	0.0
10/24/2023 17:00	65.0	9.0	ESE	14	0.0
10/24/2023 17:05	65.0	8.0	ESE	14	0.0
10/24/2023 17:10	64.0	7.0	ESE	12	0.0
10/24/2023 17:15	64.0	9.0	ESE	13	0.0
10/24/2023 17:20	64.0	11.0	ESE	15	0.0
10/24/2023 17:25	64.0	12.0	ESE	18	0.0
10/24/2023 17:30	63.0	10.0	ESE	17	0.0
10/24/2023 17:35	63.0	9.0	ESE	16	0.0
10/24/2023 17:40	63.0	13.0	ESE	22	0.0
10/24/2023 17:45	62.0	12.0	ESE	21	0.0
10/24/2023 17:50	61.0	13.0	E	22	0.0
10/24/2023 17:55	60.0	12.0	ESE	20	0.0
10/24/2023 18:00	60.0	14.0	E	23	0.0
10/26/2023 6:00	49.0	0.0		3	0.0
10/26/2023 6:05	49.0	0.0		2	0.0

10/26/2023 6:10	49.0	0.0		0	0.0
10/26/2023 6:15	49.0	0.0		2	0.0
10/26/2023 6:20	49.0	1.0	S	3	0.0
10/26/2023 6:25	49.0	1.0	SSW	3	0.0
10/26/2023 6:30	49.0	1.0	S	3	0.0
10/26/2023 6:35	49.0	2.0	S	4	0.0
10/26/2023 6:40	48.0	1.0	S	4	0.0
10/26/2023 6:45	48.0	0.0		3	0.0
10/26/2023 6:50	48.0	0.0		3	0.0
10/26/2023 6:55	48.0	0.0		3	0.0
10/26/2023 7:00	48.0	0.0		1	0.0
10/26/2023 7:05	47.0	0.0		0	0.0
10/26/2023 7:10	47.0	0.0		2	0.0
10/26/2023 7:15	47.0	0.0		1	0.0
10/26/2023 7:20	47.0	0.0		0	0.0
10/26/2023 7:25	47.0	0.0		0	0.0
10/26/2023 7:30	47.0	0.0		3	0.0
10/26/2023 7:35	47.0	0.0		3	0.0
10/26/2023 7:40	47.0	1.0	SW	2	0.0
10/26/2023 7:45	47.0	0.0		1	0.0
10/26/2023 7:50	47.0	0.0		1	0.0
10/26/2023 7:55	47.0	0.0		3	0.0
10/26/2023 8:00	47.0	0.0		2	0.0
10/26/2023 8:05	47.0	0.0		2	0.0
10/26/2023 8:10	47.0	0.0		2	0.0
10/26/2023 8:15	48.0	0.0		2	0.0
10/26/2023 8:20	48.0	0.0		1	0.0
10/26/2023 8:25	49.0	0.0		0	0.0
10/26/2023 8:30	50.0	0.0		0	0.0
10/26/2023 8:35	50.0	0.0		0	0.0
10/26/2023 8:40	51.0	0.0		0	0.0
10/26/2023 8:45	52.0	0.0		0	0.0
10/26/2023 8:50	52.0	0.0		0	0.0
10/26/2023 8:55	53.0	0.0		0	0.0
10/26/2023 9:00	53.0	0.0		0	0.0
10/26/2023 9:05	53.0	0.0		0	0.0
10/26/2023 9:10	54.0	0.0		0	0.0
10/26/2023 9:15	54.0	0.0		0	0.0
10/26/2023 9:20	55.0	0.0		0	0.0
10/26/2023 9:25	56.0	0.0		0	0.0
10/26/2023 9:30	56.0	0.0		0	0.0
10/26/2023 9:35	57.0	0.0		0	0.0
10/26/2023 9:40	57.0	0.0		0	0.0
10/26/2023 9:45	57.0	0.0		0	0.0
10/26/2023 9:50	57.0	0.0		0	0.0
10/26/2023 9:55	57.0	0.0		3	0.0
10/26/2023 10:00	58.0	2.0	SSW	5	0.0
10/26/2023 10:05	58.0	1.0	S	3	0.0
10/26/2023 10:10	58.0	1.0	ESE	3	0.0
10/26/2023 10:15	58.0	1.0	E	3	0.0
10/26/2023 10:20	58.0	1.0	ESE	4	0.0
10/26/2023 10:25	58.0	0.0		3	0.0
10/26/2023 10:30	58.0	1.0	NW	3	0.0
10/26/2023 10:35	59.0	2.0	S	5	0.0
10/26/2023 10:40	59.0	1.0	SSW	3	0.0

10/26/2023 10:45	59.0	1.0	WSW	4	0.0
10/26/2023 10:50	60.0	1.0	W	3	0.0
10/26/2023 10:55	61.0	1.0	E	4	0.0
10/26/2023 11:00	61.0	1.0	SW	3	0.0
10/26/2023 11:05	61.0	1.0	W	3	0.0
10/26/2023 11:10	62.0	1.0	SE	4	0.0
10/26/2023 11:15	62.0	1.0	ENE	6	0.0
10/26/2023 11:20	62.0	2.0	NW	7	0.0
10/26/2023 11:25	63.0	5.0	SSW	12	0.0
10/26/2023 11:30	62.0	3.0	WSW	8	0.0
10/26/2023 11:35	62.0	3.0	S	9	0.0
10/26/2023 11:40	62.0	3.0	SW	9	0.0
10/26/2023 11:45	63.0	3.0	SW	9	0.0
10/26/2023 11:50	63.0	4.0	SW	10	0.0
10/26/2023 11:55	63.0	5.0	W	10	0.0
10/26/2023 12:00	63.0	2.0	SW	6	0.0
10/26/2023 12:05	64.0	3.0	SW	9	0.0
10/26/2023 12:10	64.0	4.0	SSW	11	0.0
10/26/2023 12:15	64.0	3.0	SW	6	0.0
10/26/2023 12:20	64.0	2.0	W	5	0.0
10/26/2023 12:25	65.0	2.0	WSW	5	0.0
10/26/2023 12:30	65.0	4.0	SSW	9	0.0
10/26/2023 12:35	65.0	3.0	SSW	10	0.0
10/26/2023 12:40	65.0	3.0	SSW	9	0.0
10/26/2023 12:45	65.0	2.0	SE	9	0.0
10/26/2023 12:50	65.0	3.0	SW	10	0.0
10/26/2023 12:55	65.0	3.0	ESE	8	0.0
10/26/2023 13:00	65.0	2.0	NE	6	0.0
10/26/2023 13:05	64.0	3.0	SSE	7	0.0
10/26/2023 13:10	64.0	4.0	S	9	0.0
10/26/2023 13:15	63.0	6.0	ESE	13	0.0
10/26/2023 13:20	62.0	8.0	ESE	13	0.0
10/26/2023 13:25	61.0	7.0	E	12	0.0
10/26/2023 13:30	61.0	7.0	E	15	0.0
10/26/2023 13:35	62.0	9.0	ESE	16	0.0
10/26/2023 13:40	61.0	11.0	ESE	17	0.0
10/26/2023 13:45	61.0	12.0	ESE	16	0.0
10/26/2023 13:50	61.0	12.0	E	17	0.0
10/26/2023 13:55	61.0	9.0	ESE	15	0.0
10/26/2023 14:00	61.0	10.0	E	19	0.0
10/26/2023 14:05	61.0	10.0	ESE	19	0.0
10/26/2023 14:10	61.0	10.0	ESE	15	0.0
10/26/2023 14:15	61.0	9.0	ESE	15	0.0
10/26/2023 14:20	61.0	11.0	ESE	16	0.0
10/26/2023 14:25	61.0	10.0	E	16	0.0
10/26/2023 14:30	61.0	10.0	E	15	0.0
10/26/2023 14:35	61.0	10.0	ESE	14	0.0
10/26/2023 14:40	62.0	10.0	ESE	15	0.0
10/26/2023 14:45	62.0	11.0	E	16	0.0
10/26/2023 14:50	62.0	11.0	ESE	17	0.0
10/26/2023 14:55	62.0	11.0	ESE	17	0.0
10/26/2023 15:00	62.0	11.0	E	17	0.0
10/26/2023 15:05	62.0	11.0	ESE	15	0.0
10/26/2023 15:10	62.0	10.0	ESE	16	0.0
10/26/2023 15:15	62.0	11.0	E	18	0.0

10/26/2023 15:20	62.0	11.0	ESE	18	0.0
10/26/2023 15:25	63.0	9.0	ESE	15	0.0
10/26/2023 15:30	63.0	10.0	ESE	16	0.0
10/26/2023 15:35	63.0	10.0	ESE	16	0.0
10/26/2023 15:40	63.0	10.0	ESE	16	0.0
10/26/2023 15:45	63.0	10.0	ESE	15	0.0
10/26/2023 15:50	63.0	12.0	ESE	17	0.0
10/26/2023 15:55	62.0	12.0	ESE	17	0.0
10/26/2023 16:00	62.0	12.0	ESE	19	0.0
10/26/2023 16:05	62.0	11.0	ESE	17	0.0
10/26/2023 16:10	62.0	12.0	E	19	0.0
10/26/2023 16:15	62.0	11.0	E	17	0.0
10/26/2023 16:20	62.0	12.0	E	18	0.0
10/26/2023 16:25	62.0	12.0	ESE	17	0.0
10/26/2023 16:30	62.0	11.0	ESE	18	0.0
10/26/2023 16:35	62.0	11.0	ESE	18	0.0
10/26/2023 16:40	61.0	11.0	ESE	17	0.0
10/26/2023 16:45	61.0	12.0	ESE	18	0.0
10/26/2023 16:50	61.0	10.0	ESE	18	0.0
10/26/2023 16:55	61.0	9.0	ESE	15	0.0
10/26/2023 17:00	61.0	9.0	ESE	15	0.0
10/26/2023 17:05	61.0	9.0	ESE	16	0.0
10/26/2023 17:10	61.0	10.0	ESE	14	0.0
10/26/2023 17:15	61.0	10.0	ESE	16	0.0
10/26/2023 17:20	61.0	10.0	ESE	15	0.0
10/26/2023 17:25	60.0	11.0	ESE	18	0.0
10/26/2023 17:30	60.0	9.0	ESE	16	0.0
10/26/2023 17:35	60.0	9.0	ESE	15	0.0
10/26/2023 17:40	60.0	9.0	ESE	16	0.0
10/26/2023 17:45	59.0	7.0	ESE	12	0.0
10/26/2023 17:50	59.0	8.0	ESE	12	0.0
10/26/2023 17:55	59.0	5.0	ESE	10	0.0
10/26/2023 18:00	59.0	7.0	ESE	12	0.0
10/27/2023 6:00	45.0	0.0		0	0.0
10/27/2023 6:05	45.0	0.0		0	0.0
10/27/2023 6:10	45.0	0.0		0	0.0
10/27/2023 6:15	45.0	0.0		0	0.0
10/27/2023 6:20	45.0	0.0		0	0.0
10/27/2023 6:25	45.0	0.0		0	0.0
10/27/2023 6:30	45.0	0.0		0	0.0
10/27/2023 6:35	45.0	0.0		0	0.0
10/27/2023 6:40	45.0	0.0		0	0.0
10/27/2023 6:45	45.0	0.0		0	0.0
10/27/2023 6:50	45.0	1.0	W	3	0.0
10/27/2023 6:55	45.0	0.0		3	0.0
10/27/2023 7:00	45.0	0.0		1	0.0
10/27/2023 7:05	45.0	1.0	WNW	3	0.0
10/27/2023 7:10	46.0	0.0		1	0.0
10/27/2023 7:15	46.0	0.0		1	0.0
10/27/2023 7:20	46.0	0.0		1	0.0
10/27/2023 7:25	45.0	0.0		1	0.0
10/27/2023 7:30	46.0	0.0		2	0.0
10/27/2023 7:35	46.0	0.0		0	0.0
10/27/2023 7:40	46.0	0.0		0	0.0
10/27/2023 7:45	46.0	0.0		0	0.0

10/27/2023 7:50	46.0	0.0		1	0.0
10/27/2023 7:55	46.0	0.0		2	0.0
10/27/2023 8:00	46.0	1.0	WNW	2	0.0
10/27/2023 8:05	46.0	0.0		2	0.0
10/27/2023 8:10	46.0	0.0		0	0.0
10/27/2023 8:15	46.0	0.0		2	0.0
10/27/2023 8:20	47.0	1.0	NW	3	0.0
10/27/2023 8:25	47.0	1.0	WNW	3	0.0
10/27/2023 8:30	48.0	1.0	WNW	3	0.0
10/27/2023 8:35	48.0	1.0	W	3	0.0
10/27/2023 8:40	49.0	2.0	WNW	4	0.0
10/27/2023 8:45	49.0	3.0	WNW	7	0.0
10/27/2023 8:50	50.0	3.0	WNW	7	0.0
10/27/2023 8:55	50.0	5.0	WNW	8	0.0
10/27/2023 9:00	50.0	3.0	WNW	8	0.0
10/27/2023 9:05	51.0	3.0	WNW	6	0.0
10/27/2023 9:10	51.0	2.0	NW	4	0.0
10/27/2023 9:15	52.0	3.0	NW	4	0.0
10/27/2023 9:20	52.0	2.0	WNW	4	0.0
10/27/2023 9:25	53.0	2.0	NW	4	0.0
10/27/2023 9:30	53.0	2.0	WNW	4	0.0
10/27/2023 9:35	54.0	3.0	WNW	7	0.0
10/27/2023 9:40	54.0	4.0	NW	8	0.0
10/27/2023 9:45	54.0	4.0	WNW	8	0.0
10/27/2023 9:50	54.0	3.0	WNW	7	0.0
10/27/2023 9:55	55.0	2.0	NW	7	0.0
10/27/2023 10:00	55.0	3.0	NW	7	0.0
10/27/2023 10:05	56.0	3.0	WNW	8	0.0
10/27/2023 10:10	56.0	3.0	NW	6	0.0
10/27/2023 10:15	56.0	3.0	NW	7	0.0
10/27/2023 10:20	56.0	2.0	WNW	6	0.0
10/27/2023 10:25	57.0	2.0	NW	5	0.0
10/27/2023 10:30	57.0	2.0	NNW	5	0.0
10/27/2023 10:35	58.0	1.0	NW	5	0.0
10/27/2023 10:40	58.0	2.0	NW	5	0.0
10/27/2023 10:45	58.0	2.0	WNW	4	0.0
10/27/2023 10:50	58.0	3.0	NE	6	0.0
10/27/2023 10:55	58.0	1.0	W	4	0.0
10/27/2023 11:00	58.0	1.0	WNW	4	0.0
10/27/2023 11:05	58.0	2.0	NNE	6	0.0
10/27/2023 11:10	58.0	1.0	NNE	4	0.0
10/27/2023 11:15	58.0	3.0	NNE	7	0.0
10/27/2023 11:20	58.0	1.0	WNW	3	0.0
10/27/2023 11:25	58.0	2.0	N	6	0.0
10/27/2023 11:30	58.0	2.0	NE	5	0.0
10/27/2023 11:35	58.0	2.0	ESE	6	0.0
10/27/2023 11:40	58.0	1.0	SE	3	0.0
10/27/2023 11:45	58.0	0.0		3	0.0
10/27/2023 11:50	58.0	2.0	NNE	4	0.0
10/27/2023 11:55	59.0	2.0	ENE	6	0.0
10/27/2023 12:00	59.0	1.0	E	4	0.0
10/27/2023 12:05	59.0	2.0	N	6	0.0
10/27/2023 12:10	59.0	1.0	E	3	0.0
10/27/2023 12:15	59.0	3.0	E	7	0.0
10/27/2023 12:20	59.0	3.0	ENE	8	0.0

10/27/2023 12:25	59.0	2.0	ENE	7	0.0
10/27/2023 12:30	59.0	1.0	E	6	0.0
10/27/2023 12:35	59.0	1.0	E	6	0.0
10/27/2023 12:40	60.0	3.0	NE	5	0.0
10/27/2023 12:45	60.0	2.0	NNE	5	0.0
10/27/2023 12:50	60.0	2.0	NE	5	0.0
10/27/2023 12:55	60.0	3.0	NNE	5	0.0
10/27/2023 13:00	61.0	3.0	ENE	5	0.0
10/27/2023 13:05	60.0	5.0	ESE	8	0.0
10/27/2023 13:10	60.0	5.0	ESE	9	0.0
10/27/2023 13:15	59.0	4.0	ESE	7	0.0
10/27/2023 13:20	58.0	2.0	ESE	4	0.0
10/27/2023 13:25	59.0	3.0	ESE	6	0.0
10/27/2023 13:30	58.0	2.0	E	5	0.0
10/27/2023 13:35	59.0	4.0	E	8	0.0
10/27/2023 13:40	59.0	1.0	ESE	8	0.0
10/27/2023 13:45	59.0	2.0	SE	5	0.0
10/27/2023 13:50	59.0	3.0	ESE	7	0.0
10/27/2023 13:55	59.0	4.0	ESE	11	0.0
10/27/2023 14:00	59.0	4.0	E	9	0.0
10/27/2023 14:05	60.0	5.0	ESE	11	0.0
10/27/2023 14:10	59.0	6.0	ESE	11	0.0
10/27/2023 14:15	59.0	5.0	ESE	11	0.0
10/27/2023 14:20	59.0	6.0	ESE	11	0.0
10/27/2023 14:25	59.0	6.0	E	11	0.0
10/27/2023 14:30	60.0	7.0	ESE	13	0.0
10/27/2023 14:35	60.0	7.0	ESE	12	0.0
10/27/2023 14:40	60.0	8.0	E	13	0.0
10/27/2023 14:45	59.0	6.0	E	12	0.0
10/27/2023 14:50	60.0	6.0	ESE	14	0.0
10/27/2023 14:55	60.0	9.0	ESE	16	0.0
10/27/2023 15:00	59.0	11.0	E	15	0.0
10/27/2023 15:05	59.0	11.0	ESE	15	0.0
10/27/2023 15:10	59.0	10.0	E	16	0.0
10/27/2023 15:15	58.0	11.0	E	16	0.0
10/27/2023 15:20	58.0	8.0	E	16	0.0
10/27/2023 15:25	58.0	10.0	E	16	0.0
10/27/2023 15:30	59.0	9.0	E	15	0.0
10/27/2023 15:35	59.0	10.0	E	16	0.0
10/27/2023 15:40	59.0	9.0	E	15	0.0
10/27/2023 15:45	59.0	9.0	E	14	0.0
10/27/2023 15:50	59.0	8.0	ENE	14	0.0
10/27/2023 15:55	60.0	9.0	ENE	16	0.0
10/27/2023 16:00	60.0	9.0	E	16	0.0
10/27/2023 16:05	60.0	10.0	E	16	0.0
10/27/2023 16:10	59.0	9.0	E	15	0.0
10/27/2023 16:15	59.0	9.0	E	14	0.0
10/27/2023 16:20	59.0	9.0	E	15	0.0
10/27/2023 16:25	59.0	9.0	E	15	0.0
10/27/2023 16:30	59.0	7.0	E	12	0.0
10/27/2023 16:35	59.0	7.0	E	13	0.0
10/27/2023 16:40	59.0	7.0	ESE	12	0.0
10/27/2023 16:45	59.0	5.0	ESE	9	0.0
10/27/2023 16:50	59.0	8.0	E	13	0.0
10/27/2023 16:55	59.0	6.0	E	12	0.0

10/27/2023 17:00	59.0	7.0	ENE	13	0.0
10/27/2023 17:05	59.0	6.0	ESE	12	0.0
10/27/2023 17:10	59.0	7.0	E	11	0.0
10/27/2023 17:15	59.0	7.0	E	13	0.0
10/27/2023 17:20	59.0	5.0	ESE	9	0.0
10/27/2023 17:25	59.0	4.0	ESE	10	0.0
10/27/2023 17:30	59.0	5.0	E	9	0.0
10/27/2023 17:35	59.0	4.0	E	9	0.0
10/27/2023 17:40	59.0	4.0	E	9	0.0
10/27/2023 17:45	58.0	5.0	E	9	0.0
10/27/2023 17:50	58.0	5.0	ENE	11	0.0
10/27/2023 17:55	58.0	6.0	ENE	10	0.0
10/27/2023 18:00	58.0	6.0	ENE	13	0.0
10/30/2023 6:00	46.0	0.0		0	0.0
10/30/2023 6:05	46.0	0.0		0	0.0
10/30/2023 6:10	46.0	0.0		2	0.0
10/30/2023 6:15	46.0	0.0		2	0.0
10/30/2023 6:20	46.0	0.0		0	0.0
10/30/2023 6:25	46.0	0.0		0	0.0
10/30/2023 6:30	46.0	1.0	WSW	3	0.0
10/30/2023 6:35	46.0	1.0	WSW	3	0.0
10/30/2023 6:40	46.0	0.0		0	0.0
10/30/2023 6:45	46.0	0.0		0	0.0
10/30/2023 6:50	46.0	0.0		0	0.0
10/30/2023 6:55	46.0	0.0		0	0.0
10/30/2023 7:00	46.0	0.0		0	0.0
10/30/2023 7:05	46.0	0.0		0	0.0
10/30/2023 7:10	46.0	0.0		0	0.0
10/30/2023 7:15	46.0	0.0		0	0.0
10/30/2023 7:20	46.0	0.0		0	0.0
10/30/2023 7:25	46.0	0.0		0	0.0
10/30/2023 7:30	46.0	0.0		0	0.0
10/30/2023 7:35	46.0	0.0		0	0.0
10/30/2023 7:40	46.0	0.0		0	0.0
10/30/2023 7:45	46.0	0.0		0	0.0
10/30/2023 7:50	46.0	0.0		0	0.0
10/30/2023 7:55	46.0	0.0		0	0.0
10/30/2023 8:00	46.0	0.0		0	0.0
10/30/2023 8:05	47.0	1.0	WSW	2	0.0
10/30/2023 8:10	48.0	0.0		2	0.0
10/30/2023 8:15	49.0	0.0		2	0.0
10/30/2023 8:20	50.0	0.0		0	0.0
10/30/2023 8:25	50.0	0.0		0	0.0
10/30/2023 8:30	51.0	2.0	WSW	3	0.0
10/30/2023 8:35	51.0	1.0	WSW	2	0.0
10/30/2023 8:40	51.0	0.0		2	0.0
10/30/2023 8:45	51.0	0.0		0	0.0
10/30/2023 8:50	52.0	0.0		1	0.0
10/30/2023 8:55	53.0	0.0		1	0.0
10/30/2023 9:00	54.0	0.0		0	0.0
10/30/2023 9:05	55.0	0.0		0	0.0
10/30/2023 9:10	56.0	0.0		0	0.0
10/30/2023 9:15	56.0	0.0		0	0.0
10/30/2023 9:20	57.0	0.0		0	0.0
10/30/2023 9:25	58.0	0.0		1	0.0

10/30/2023 9:30	58.0	0.0		0	0.0
10/30/2023 9:35	59.0	2.0	NNE	4	0.0
10/30/2023 9:40	58.0	2.0	NNE	4	0.0
10/30/2023 9:45	58.0	2.0	N	4	0.0
10/30/2023 9:50	58.0	2.0	NNE	4	0.0
10/30/2023 9:55	58.0	1.0	NNE	3	0.0
10/30/2023 10:00	58.0	2.0	NNE	4	0.0
10/30/2023 10:05	58.0	1.0	NNE	3	0.0
10/30/2023 10:10	58.0	2.0	NNW	5	0.0
10/30/2023 10:15	59.0	2.0	NW	5	0.0
10/30/2023 10:20	59.0	2.0	NNE	5	0.0
10/30/2023 10:25	59.0	2.0	NNW	7	0.0
10/30/2023 10:30	60.0	2.0	N	5	0.0
10/30/2023 10:35	60.0	2.0	N	5	0.0
10/30/2023 10:40	60.0	2.0	NW	5	0.0
10/30/2023 10:45	61.0	2.0	NNE	5	0.0
10/30/2023 10:50	60.0	2.0	NW	5	0.0
10/30/2023 10:55	61.0	1.0	WNW	3	0.0
10/30/2023 11:00	61.0	1.0	WNW	3	0.0
10/30/2023 11:05	62.0	1.0	NW	4	0.0
10/30/2023 11:10	62.0	1.0	NW	3	0.0
10/30/2023 11:15	63.0	2.0	WNW	4	0.0
10/30/2023 11:20	63.0	2.0	WNW	4	0.0
10/30/2023 11:25	63.0	1.0	N	3	0.0
10/30/2023 11:30	64.0	1.0	NNE	4	0.0
10/30/2023 11:35	64.0	2.0	N	5	0.0
10/30/2023 11:40	64.0	3.0	N	6	0.0
10/30/2023 11:45	64.0	2.0	NNE	5	0.0
10/30/2023 11:50	64.0	2.0	NNW	5	0.0
10/30/2023 11:55	65.0	2.0	NNE	4	0.0
10/30/2023 12:00	65.0	1.0	NW	4	0.0
10/30/2023 12:05	65.0	2.0	NNE	4	0.0
10/30/2023 12:10	65.0	2.0	NNE	5	0.0
10/30/2023 12:15	65.0	2.0	NNE	4	0.0
10/30/2023 12:20	65.0	3.0	NE	7	0.0
10/30/2023 12:25	65.0	3.0	NNE	6	0.0
10/30/2023 12:30	65.0	2.0	E	7	0.0
10/30/2023 12:35	65.0	3.0	ENE	7	0.0
10/30/2023 12:40	64.0	3.0	NNE	6	0.0
10/30/2023 12:45	64.0	2.0	NE	5	0.0
10/30/2023 12:50	65.0	3.0	NNE	5	0.0
10/30/2023 12:55	65.0	2.0	NNE	5	0.0
10/30/2023 13:00	65.0	4.0	ENE	8	0.0
10/30/2023 13:05	65.0	4.0	ESE	8	0.0
10/30/2023 13:10	64.0	4.0	ESE	7	0.0
10/30/2023 13:15	64.0	3.0	E	7	0.0
10/30/2023 13:20	64.0	3.0	ESE	7	0.0
10/30/2023 13:25	64.0	3.0	ESE	8	0.0
10/30/2023 13:30	64.0	4.0	E	8	0.0
10/30/2023 13:35	65.0	3.0	ESE	5	0.0
10/30/2023 13:40	64.0	3.0	ESE	7	0.0
10/30/2023 13:45	65.0	3.0	ESE	7	0.0
10/30/2023 13:50	65.0	5.0	ESE	7	0.0
10/30/2023 13:55	65.0	4.0	ESE	7	0.0
10/30/2023 14:00	65.0	3.0	E	6	0.0



10/30/2023 14:05	66.0	3.0	ESE	7	0.0
10/30/2023 14:10	66.0	3.0	ESE	7	0.0
10/30/2023 14:15	67.0	2.0	ENE	5	0.0
10/30/2023 14:20	68.0	3.0	ENE	7	0.0
10/30/2023 14:25	68.0	2.0	ESE	6	0.0
10/30/2023 14:30	68.0	3.0	E	7	0.0
10/30/2023 14:35	68.0	2.0	E	4	0.0
10/30/2023 14:40	68.0	3.0	ESE	4	0.0
10/30/2023 14:45	68.0	3.0	ESE	4	0.0
10/30/2023 14:50	68.0	5.0	E	8	0.0
10/30/2023 14:55	68.0	5.0	ESE	9	0.0
10/30/2023 15:00	67.0	6.0	ESE	8	0.0
10/30/2023 15:05	66.0	5.0	ESE	9	0.0
10/30/2023 15:10	66.0	5.0	ESE	9	0.0
10/30/2023 15:15	67.0	5.0	ESE	9	0.0
10/30/2023 15:20	67.0	6.0	ESE	9	0.0
10/30/2023 15:25	67.0	5.0	E	8	0.0
10/30/2023 15:30	67.0	5.0	ESE	8	0.0
10/30/2023 15:35	67.0	4.0	ESE	8	0.0
10/30/2023 15:40	67.0	6.0	E	9	0.0
10/30/2023 15:45	67.0	7.0	ESE	10	0.0
10/30/2023 15:50	66.0	6.0	E	10	0.0
10/30/2023 15:55	66.0	5.0	ESE	8	0.0
10/30/2023 16:00	66.0	6.0	E	10	0.0
10/30/2023 16:05	67.0	4.0	E	10	0.0
10/30/2023 16:10	67.0	4.0	ESE	8	0.0
10/30/2023 16:15	67.0	5.0	ESE	8	0.0
10/30/2023 16:20	67.0	5.0	E	8	0.0
10/30/2023 16:25	67.0	5.0	ESE	9	0.0
10/30/2023 16:30	67.0	3.0	E	9	0.0
10/30/2023 16:35	68.0	3.0	E	7	0.0
10/30/2023 16:40	68.0	4.0	ESE	7	0.0
10/30/2023 16:45	68.0	5.0	ESE	7	0.0
10/30/2023 16:50	68.0	4.0	ESE	7	0.0
10/30/2023 16:55	68.0	4.0	ESE	9	0.0
10/30/2023 17:00	68.0	3.0	E	6	0.0
10/30/2023 17:05	68.0	3.0	E	6	0.0
10/30/2023 17:10	68.0	4.0	E	7	0.0
10/30/2023 17:15	68.0	4.0	ESE	8	0.0
10/30/2023 17:20	68.0	4.0	ESE	7	0.0
10/30/2023 17:25	69.0	3.0	ESE	5	0.0
10/30/2023 17:30	69.0	4.0	E	7	0.0
10/30/2023 17:35	68.0	4.0	ESE	6	0.0
10/30/2023 17:40	68.0	4.0	ESE	8	0.0
10/30/2023 17:45	67.0	2.0	ESE	4	0.0
10/30/2023 17:50	67.0	3.0	ESE	5	0.0
10/30/2023 17:55	67.0	2.0	ESE	4	0.0
10/30/2023 18:00	66.0	1.0	ESE	3	0.0
10/31/2023 6:00	47.0	0.0		0	0.0
10/31/2023 6:05	47.0	0.0		0	0.0
10/31/2023 6:10	46.0	0.0		0	0.0
10/31/2023 6:15	46.0	0.0		0	0.0
10/31/2023 6:20	46.0	0.0		0	0.0
10/31/2023 6:25	47.0	0.0		0	0.0
10/31/2023 6:30	47.0	0.0		0	0.0

10/31/2023 6:35	47.0	0.0		0	0.0
10/31/2023 6:40	47.0	0.0		0	0.0
10/31/2023 6:45	47.0	0.0		0	0.0
10/31/2023 6:50	47.0	0.0		0	0.0
10/31/2023 6:55	47.0	0.0		0	0.0
10/31/2023 7:00	47.0	0.0		0	0.0
10/31/2023 7:05	47.0	0.0		0	0.0
10/31/2023 7:10	47.0	0.0		0	0.0
10/31/2023 7:15	47.0	0.0		0	0.0
10/31/2023 7:20	47.0	0.0		0	0.0
10/31/2023 7:25	47.0	0.0		0	0.0
10/31/2023 7:30	47.0	0.0		0	0.0
10/31/2023 7:35	47.0	0.0		0	0.0
10/31/2023 7:40	47.0	0.0		0	0.0
10/31/2023 7:45	47.0	0.0		0	0.0
10/31/2023 7:50	47.0	0.0		0	0.0
10/31/2023 7:55	47.0	0.0		0	0.0
10/31/2023 8:00	48.0	0.0		0	0.0
10/31/2023 8:05	48.0	0.0		0	0.0
10/31/2023 8:10	48.0	0.0		0	0.0
10/31/2023 8:15	48.0	0.0		0	0.0
10/31/2023 8:20	48.0	0.0		0	0.0
10/31/2023 8:25	49.0	0.0		0	0.0
10/31/2023 8:30	50.0	0.0		0	0.0
10/31/2023 8:35	50.0	0.0		0	0.0
10/31/2023 8:40	51.0	0.0		0	0.0
10/31/2023 8:45	51.0	0.0		0	0.0
10/31/2023 8:50	52.0	0.0		0	0.0
10/31/2023 8:55	52.0	0.0		0	0.0
10/31/2023 9:00	52.0	0.0		0	0.0
10/31/2023 9:05	52.0	0.0		0	0.0
10/31/2023 9:10	52.0	0.0		0	0.0
10/31/2023 9:15	53.0	0.0		0	0.0
10/31/2023 9:20	53.0	0.0		0	0.0
10/31/2023 9:25	53.0	0.0		0	0.0
10/31/2023 9:30	54.0	0.0		0	0.0
10/31/2023 9:35	55.0	0.0		0	0.0
10/31/2023 9:40	55.0	1.0	NE	4	0.0
10/31/2023 9:45	56.0	1.0	NNE	3	0.0
10/31/2023 9:50	56.0	1.0	NE	3	0.0
10/31/2023 9:55	56.0	1.0	NNE	3	0.0
10/31/2023 10:00	57.0	0.0		2	0.0
10/31/2023 10:05	57.0	0.0		2	0.0
10/31/2023 10:10	57.0	1.0	NNE	3	0.0
10/31/2023 10:15	58.0	0.0		2	0.0
10/31/2023 10:20	58.0	1.0	NNE	3	0.0
10/31/2023 10:25	58.0	1.0	NNE	2	0.0
10/31/2023 10:30	58.0	0.0		3	0.0
10/31/2023 10:35	59.0	1.0	NNE	3	0.0
10/31/2023 10:40	59.0	1.0	NNE	3	0.0
10/31/2023 10:45	59.0	1.0	NNE	3	0.0
10/31/2023 10:50	59.0	1.0	NNE	3	0.0
10/31/2023 10:55	60.0	0.0		3	0.0
10/31/2023 11:00	61.0	1.0	NW	3	0.0
10/31/2023 11:05	62.0	2.0	NNE	4	0.0

10/31/2023 11:10	62.0	2.0	N	5	0.0
10/31/2023 11:15	62.0	2.0	N	5	0.0
10/31/2023 11:20	62.0	2.0	ENE	4	0.0
10/31/2023 11:25	62.0	2.0	NNE	4	0.0
10/31/2023 11:30	61.0	2.0	NNE	5	0.0
10/31/2023 11:35	61.0	3.0	NNE	6	0.0
10/31/2023 11:40	61.0	3.0	NNE	4	0.0
10/31/2023 11:45	62.0	3.0	NNE	5	0.0
10/31/2023 11:50	62.0	2.0	E	4	0.0
10/31/2023 11:55	61.0	2.0	ESE	4	0.0
10/31/2023 12:00	61.0	3.0	E	6	0.0
10/31/2023 12:05	61.0	3.0	ESE	6	0.0
10/31/2023 12:10	61.0	2.0	ESE	4	0.0
10/31/2023 12:15	61.0	1.0	E	3	0.0
10/31/2023 12:20	61.0	2.0	ESE	3	0.0
10/31/2023 12:25	62.0	4.0	ESE	7	0.0
10/31/2023 12:30	62.0	3.0	E	6	0.0
10/31/2023 12:35	62.0	3.0	ESE	6	0.0
10/31/2023 12:40	62.0	4.0	E	7	0.0
10/31/2023 12:45	62.0	4.0	ESE	8	0.0
10/31/2023 12:50	61.0	5.0	E	8	0.0
10/31/2023 12:55	61.0	5.0	ESE	9	0.0
10/31/2023 13:00	61.0	6.0	ESE	8	0.0
10/31/2023 13:05	61.0	4.0	E	7	0.0
10/31/2023 13:10	61.0	4.0	ESE	9	0.0
10/31/2023 13:15	61.0	4.0	ESE	7	0.0
10/31/2023 13:20	61.0	4.0	ESE	7	0.0
10/31/2023 13:25	62.0	5.0	E	7	0.0
10/31/2023 13:30	62.0	3.0	ESE	7	0.0
10/31/2023 13:35	62.0	4.0	E	7	0.0
10/31/2023 13:40	63.0	5.0	E	9	0.0
10/31/2023 13:45	63.0	5.0	ENE	8	0.0
10/31/2023 13:50	64.0	3.0	E	7	0.0
10/31/2023 13:55	65.0	3.0	ESE	6	0.0
10/31/2023 14:00	65.0	4.0	ESE	8	0.0
10/31/2023 14:05	65.0	4.0	ESE	8	0.0
10/31/2023 14:10	65.0	4.0	ESE	6	0.0
10/31/2023 14:15	65.0	4.0	ESE	8	0.0
10/31/2023 14:20	65.0	4.0	ESE	8	0.0
10/31/2023 14:25	65.0	4.0	ESE	7	0.0
10/31/2023 14:30	65.0	4.0	ESE	7	0.0
10/31/2023 14:35	65.0	4.0	E	8	0.0
10/31/2023 14:40	66.0	3.0	E	7	0.0
10/31/2023 14:45	66.0	5.0	E	7	0.0
10/31/2023 14:50	66.0	5.0	ESE	8	0.0
10/31/2023 14:55	66.0	6.0	ESE	9	0.0
10/31/2023 15:00	66.0	6.0	ESE	9	0.0
10/31/2023 15:05	66.0	5.0	ESE	9	0.0
10/31/2023 15:10	66.0	5.0	ESE	8	0.0
10/31/2023 15:15	66.0	6.0	E	9	0.0
10/31/2023 15:20	66.0	5.0	E	9	0.0
10/31/2023 15:25	66.0	5.0	ESE	8	0.0
10/31/2023 15:30	67.0	5.0	ESE	9	0.0
10/31/2023 15:35	67.0	6.0	ESE	8	0.0
10/31/2023 15:40	67.0	4.0	ESE	8	0.0

10/31/2023 15:45	67.0	5.0	ESE	9	0.0
10/31/2023 15:50	67.0	6.0	E	8	0.0
10/31/2023 15:55	67.0	5.0	ESE	8	0.0
10/31/2023 16:00	67.0	5.0	ESE	8	0.0
10/31/2023 16:05	67.0	3.0	E	7	0.0
10/31/2023 16:10	68.0	3.0	E	6	0.0
10/31/2023 16:15	68.0	3.0	E	6	0.0
10/31/2023 16:20	68.0	3.0	ESE	6	0.0
10/31/2023 16:25	68.0	2.0	ESE	4	0.0
10/31/2023 16:30	69.0	3.0	ESE	7	0.0
10/31/2023 16:35	68.0	3.0	ESE	6	0.0
10/31/2023 16:40	68.0	2.0	E	6	0.0
10/31/2023 16:45	68.0	2.0	E	6	0.0
10/31/2023 16:50	68.0	3.0	E	6	0.0
10/31/2023 16:55	68.0	3.0	ESE	6	0.0
10/31/2023 17:00	68.0	3.0	E	7	0.0
10/31/2023 17:05	68.0	2.0	E	4	0.0
10/31/2023 17:10	68.0	2.0	ESE	4	0.0
10/31/2023 17:15	68.0	1.0	ESE	3	0.0
10/31/2023 17:20	68.0	1.0	E	4	0.0
10/31/2023 17:25	68.0	1.0	ESE	4	0.0
10/31/2023 17:30	68.0	1.0	ESE	2	0.0
10/31/2023 17:35	68.0	1.0	ENE	3	0.0
10/31/2023 17:40	68.0	0.0		2	0.0
10/31/2023 17:45	69.0	0.0		2	0.0
10/31/2023 17:50	68.0	1.0	ENE	2	0.0
10/31/2023 17:55	68.0	1.0	ENE	2	0.0
10/31/2023 18:00	68.0	1.0	E	3	0.0
11/1/2023 6:00	48.0	0.0		2	0.0
11/1/2023 6:05	48.0	0.0		1	0.0
11/1/2023 6:10	48.0	0.0		0	0.0
11/1/2023 6:15	48.0	0.0		0	0.0
11/1/2023 6:20	48.0	0.0		0	0.0
11/1/2023 6:25	48.0	0.0		0	0.0
11/1/2023 6:30	48.0	0.0		0	0.0
11/1/2023 6:35	47.0	0.0		0	0.0
11/1/2023 6:40	47.0	1.0	WNW	2	0.0
11/1/2023 6:45	48.0	1.0	W	3	0.0
11/1/2023 6:50	48.0	0.0		2	0.0
11/1/2023 6:55	48.0	1.0	WNW	2	0.0
11/1/2023 7:00	48.0	0.0		0	0.0
11/1/2023 7:05	48.0	0.0		0	0.0
11/1/2023 7:10	48.0	0.0		0	0.0
11/1/2023 7:15	48.0	0.0		0	0.0
11/1/2023 7:20	48.0	0.0		2	0.0
11/1/2023 7:25	48.0	0.0		0	0.0
11/1/2023 7:30	48.0	0.0		2	0.0
11/1/2023 7:35	48.0	0.0		1	0.0
11/1/2023 7:40	48.0	0.0		0	0.0
11/1/2023 7:45	48.0	0.0		2	0.0
11/1/2023 7:50	48.0	0.0		1	0.0
11/1/2023 7:55	48.0	0.0		1	0.0
11/1/2023 8:00	48.0	0.0		1	0.0
11/1/2023 8:05	48.0	0.0		1	0.0
11/1/2023 8:10	48.0	0.0		2	0.0

11/1/2023 8:15	49.0	0.0		2	0.0
11/1/2023 8:20	49.0	0.0		2	0.0
11/1/2023 8:25	50.0	1.0	SW	3	0.0
11/1/2023 8:30	50.0	0.0		1	0.0
11/1/2023 8:35	51.0	1.0	SSW	3	0.0
11/1/2023 8:40	52.0	1.0	SW	3	0.0
11/1/2023 8:45	52.0	0.0		1	0.0
11/1/2023 8:50	53.0	0.0		0	0.0
11/1/2023 8:55	53.0	0.0		0	0.0
11/1/2023 9:00	54.0	0.0		0	0.0
11/1/2023 9:05	54.0	0.0		0	0.0
11/1/2023 9:10	55.0	0.0		1	0.0
11/1/2023 9:15	56.0	0.0		1	0.0
11/1/2023 9:20	56.0	0.0		0	0.0
11/1/2023 9:25	57.0	0.0		1	0.0
11/1/2023 9:30	58.0	0.0		0	0.0
11/1/2023 9:35	58.0	0.0		2	0.0
11/1/2023 9:40	58.0	2.0	NNE	4	0.0
11/1/2023 9:45	58.0	3.0	NNE	5	0.0
11/1/2023 9:50	58.0	2.0	NE	3	0.0
11/1/2023 9:55	58.0	2.0	NNE	4	0.0
11/1/2023 10:00	58.0	1.0	NNE	4	0.0
11/1/2023 10:05	58.0	1.0	NNE	3	0.0
11/1/2023 10:10	58.0	1.0	NNE	4	0.0
11/1/2023 10:15	59.0	1.0	NNE	4	0.0
11/1/2023 10:20	59.0	1.0	N	3	0.0
11/1/2023 10:25	60.0	1.0	N	4	0.0
11/1/2023 10:30	60.0	1.0	NE	4	0.0
11/1/2023 10:35	61.0	1.0	NE	3	0.0
11/1/2023 10:40	61.0	1.0	NNE	2	0.0
11/1/2023 10:45	61.0	1.0	NE	3	0.0
11/1/2023 10:50	61.0	1.0	NNE	3	0.0
11/1/2023 10:55	61.0	2.0	NNE	4	0.0
11/1/2023 11:00	61.0	1.0	NNE	3	0.0
11/1/2023 11:05	62.0	1.0	NNE	3	0.0
11/1/2023 11:10	62.0	0.0		3	0.0
11/1/2023 11:15	62.0	2.0	ENE	4	0.0
11/1/2023 11:20	62.0	2.0	ENE	4	0.0
11/1/2023 11:25	62.0	2.0	NNE	4	0.0
11/1/2023 11:30	62.0	2.0	NNE	4	0.0
11/1/2023 11:35	62.0	2.0	NE	4	0.0
11/1/2023 11:40	62.0	3.0	ENE	7	0.0
11/1/2023 11:45	62.0	3.0	ENE	6	0.0
11/1/2023 11:50	62.0	3.0	E	7	0.0
11/1/2023 11:55	62.0	2.0	E	4	0.0
11/1/2023 12:00	62.0	2.0	ESE	3	0.0
11/1/2023 12:05	62.0	2.0	ESE	4	0.0
11/1/2023 12:10	62.0	2.0	ESE	4	0.0
11/1/2023 12:15	62.0	2.0	ESE	4	0.0
11/1/2023 12:20	62.0	2.0	ESE	4	0.0
11/1/2023 12:25	63.0	1.0	NNE	3	0.0
11/1/2023 12:30	63.0	2.0	NNE	4	0.0
11/1/2023 12:35	64.0	2.0	ENE	4	0.0
11/1/2023 12:40	64.0	2.0	ESE	4	0.0
11/1/2023 12:45	64.0	3.0	ESE	5	0.0

11/1/2023 12:50	64.0	2.0	ESE	4	0.0
11/1/2023 12:55	64.0	1.0	ESE	4	0.0
11/1/2023 13:00	64.0	2.0	E	4	0.0
11/1/2023 13:05	64.0	1.0	ESE	3	0.0
11/1/2023 13:10	65.0	2.0	ESE	4	0.0
11/1/2023 13:15	65.0	2.0	ESE	4	0.0
11/1/2023 13:20	65.0	1.0	E	4	0.0
11/1/2023 13:25	65.0	3.0	E	4	0.0
11/1/2023 13:30	66.0	2.0	ENE	6	0.0
11/1/2023 13:35	66.0	3.0	ESE	4	0.0
11/1/2023 13:40	66.0	3.0	ESE	6	0.0
11/1/2023 13:45	66.0	2.0	E	5	0.0
11/1/2023 13:50	66.0	2.0	SE	5	0.0
11/1/2023 13:55	67.0	2.0	E	6	0.0
11/1/2023 14:00	67.0	2.0	ESE	4	0.0
11/1/2023 14:05	67.0	2.0	E	4	0.0
11/1/2023 14:10	68.0	2.0	NE	3	0.0
11/1/2023 14:15	68.0	3.0	E	6	0.0
11/1/2023 14:20	68.0	3.0	ESE	7	0.0
11/1/2023 14:25	68.0	3.0	ESE	6	0.0
11/1/2023 14:30	68.0	3.0	ESE	7	0.0
11/1/2023 14:35	68.0	4.0	ESE	8	0.0
11/1/2023 14:40	69.0	3.0	SSE	9	0.0
11/1/2023 14:45	69.0	3.0	SE	8	0.0
11/1/2023 14:50	70.0	1.0	SSE	3	0.0
11/1/2023 14:55	70.0	3.0	ESE	6	0.0
11/1/2023 15:00	70.0	3.0	SE	6	0.0
11/1/2023 15:05	70.0	5.0	ESE	8	0.0
11/1/2023 15:10	70.0	5.0	ESE	9	0.0
11/1/2023 15:15	70.0	3.0	ESE	7	0.0
11/1/2023 15:20	70.0	3.0	ESE	6	0.0
11/1/2023 15:25	69.0	4.0	ESE	7	0.0
11/1/2023 15:30	69.0	2.0	ESE	6	0.0
11/1/2023 15:35	69.0	3.0	ESE	6	0.0
11/1/2023 15:40	69.0	3.0	ESE	7	0.0
11/1/2023 15:45	69.0	2.0	ESE	5	0.0
11/1/2023 15:50	70.0	3.0	ESE	6	0.0
11/1/2023 15:55	70.0	4.0	ESE	7	0.0
11/1/2023 16:00	70.0	1.0	ESE	6	0.0
11/1/2023 16:05	70.0	3.0	ESE	6	0.0
11/1/2023 16:10	71.0	3.0	ESE	7	0.0
11/1/2023 16:15	71.0	3.0	ESE	7	0.0
11/1/2023 16:20	70.0	3.0	ESE	5	0.0
11/1/2023 16:25	70.0	2.0	E	4	0.0
11/1/2023 16:30	70.0	2.0	ESE	3	0.0
11/1/2023 16:35	70.0	1.0	ESE	3	0.0
11/1/2023 16:40	71.0	2.0	ESE	6	0.0
11/1/2023 16:45	71.0	4.0	E	8	0.0
11/1/2023 16:50	71.0	5.0	ESE	8	0.0
11/1/2023 16:55	71.0	4.0	ESE	7	0.0
11/1/2023 17:00	71.0	4.0	E	8	0.0
11/1/2023 17:05	71.0	4.0	ESE	7	0.0
11/1/2023 17:10	70.0	3.0	ESE	7	0.0
11/1/2023 17:15	70.0	4.0	ESE	8	0.0
11/1/2023 17:20	70.0	4.0	ESE	7	0.0

11/1/2023 17:25	70.0	5.0	ESE	10	0.0
11/1/2023 17:30	70.0	3.0	ESE	7	0.0
11/1/2023 17:35	70.0	2.0	ESE	5	0.0
11/1/2023 17:40	70.0	1.0	ESE	3	0.0
11/1/2023 17:45	69.0	1.0	ESE	3	0.0
11/1/2023 17:50	69.0	0.0		1	0.0
11/1/2023 17:55	69.0	1.0	SSE	2	0.0
11/1/2023 18:00	69.0	0.0		0	0.0
11/2/2023 6:00	51.0	0.0		1	0.0
11/2/2023 6:05	51.0	0.0		1	0.0
11/2/2023 6:10	51.0	0.0		2	0.0
11/2/2023 6:15	51.0	0.0		0	0.0
11/2/2023 6:20	51.0	0.0		0	0.0
11/2/2023 6:25	51.0	0.0		0	0.0
11/2/2023 6:30	51.0	0.0		1	0.0
11/2/2023 6:35	51.0	0.0		2	0.0
11/2/2023 6:40	51.0	0.0		0	0.0
11/2/2023 6:45	51.0	0.0		0	0.0
11/2/2023 6:50	51.0	0.0		0	0.0
11/2/2023 6:55	51.0	0.0		0	0.0
11/2/2023 7:00	51.0	0.0		0	0.0
11/2/2023 7:05	51.0	0.0		0	0.0
11/2/2023 7:10	51.0	0.0		0	0.0
11/2/2023 7:15	51.0	0.0		0	0.0
11/2/2023 7:20	51.0	0.0		0	0.0
11/2/2023 7:25	51.0	0.0		0	0.0
11/2/2023 7:30	51.0	0.0		0	0.0
11/2/2023 7:35	50.0	0.0		1	0.0
11/2/2023 7:40	50.0	2.0	S	3	0.0
11/2/2023 7:45	50.0	0.0		3	0.0
11/2/2023 7:50	50.0	0.0		2	0.0
11/2/2023 7:55	50.0	1.0	S	2	0.0
11/2/2023 8:00	51.0	0.0		1	0.0
11/2/2023 8:05	51.0	0.0		1	0.0
11/2/2023 8:10	51.0	0.0		1	0.0
11/2/2023 8:15	51.0	0.0		1	0.0
11/2/2023 8:20	52.0	0.0		0	0.0
11/2/2023 8:25	52.0	0.0		0	0.0
11/2/2023 8:30	53.0	0.0		0	0.0
11/2/2023 8:35	54.0	0.0		0	0.0
11/2/2023 8:40	55.0	0.0		0	0.0
11/2/2023 8:45	56.0	0.0		0	0.0
11/2/2023 8:50	57.0	0.0		3	0.0
11/2/2023 8:55	57.0	1.0	WSW	2	0.0
11/2/2023 9:00	58.0	1.0	WSW	3	0.0
11/2/2023 9:05	59.0	0.0		1	0.0
11/2/2023 9:10	60.0	2.0	WNW	4	0.0
11/2/2023 9:15	60.0	1.0	WNW	2	0.0
11/2/2023 9:20	61.0	0.0		0	0.0
11/2/2023 9:25	62.0	1.0	WNW	3	0.0
11/2/2023 9:30	62.0	1.0	NNW	5	0.0
11/2/2023 9:35	62.0	2.0	WNW	4	0.0
11/2/2023 9:40	62.0	2.0	WNW	4	0.0
11/2/2023 9:45	62.0	2.0	WNW	4	0.0
11/2/2023 9:50	62.0	1.0	NNW	4	0.0

11/2/2023 9:55	63.0	0.0		2	0.0
11/2/2023 10:00	63.0	2.0	NNE	3	0.0
11/2/2023 10:05	63.0	2.0	NNE	5	0.0
11/2/2023 10:10	62.0	2.0	NNE	5	0.0
11/2/2023 10:15	62.0	3.0	NNE	5	0.0
11/2/2023 10:20	62.0	2.0	N	3	0.0
11/2/2023 10:25	62.0	1.0	NNE	3	0.0
11/2/2023 10:30	62.0	0.0		3	0.0
11/2/2023 10:35	63.0	0.0		2	0.0
11/2/2023 10:40	64.0	0.0		2	0.0
11/2/2023 10:45	64.0	0.0		1	0.0
11/2/2023 10:50	64.0	0.0		2	0.0
11/2/2023 10:55	64.0	0.0		0	0.0
11/2/2023 11:00	64.0	1.0	ESE	4	0.0
11/2/2023 11:05	64.0	2.0	ESE	3	0.0
11/2/2023 11:10	64.0	1.0	ESE	3	0.0
11/2/2023 11:15	64.0	1.0	ESE	3	0.0
11/2/2023 11:20	64.0	2.0	ESE	6	0.0
11/2/2023 11:25	64.0	2.0	ESE	3	0.0
11/2/2023 11:30	64.0	2.0	ESE	4	0.0
11/2/2023 11:35	64.0	2.0	ESE	4	0.0
11/2/2023 11:40	64.0	2.0	ENE	6	0.0
11/2/2023 11:45	65.0	1.0	E	3	0.0
11/2/2023 11:50	66.0	1.0	ENE	3	0.0
11/2/2023 11:55	66.0	1.0	E	3	0.0
11/2/2023 12:00	67.0	3.0	ESE	7	0.0
11/2/2023 12:05	66.0	4.0	ESE	8	0.0
11/2/2023 12:10	65.0	7.0	E	10	0.0
11/2/2023 12:15	64.0	7.0	E	10	0.0
11/2/2023 12:20	63.0	7.0	E	10	0.0
11/2/2023 12:25	63.0	6.0	E	9	0.0
11/2/2023 12:30	63.0	6.0	E	9	0.0
11/2/2023 12:35	64.0	5.0	E	9	0.0
11/2/2023 12:40	65.0	4.0	E	9	0.0
11/2/2023 12:45	65.0	4.0	E	8	0.0
11/2/2023 12:50	65.0	4.0	E	7	0.0
11/2/2023 12:55	66.0	3.0	E	7	0.0
11/2/2023 13:00	66.0	3.0	ESE	6	0.0
11/2/2023 13:05	65.0	3.0	E	6	0.0
11/2/2023 13:10	65.0	3.0	E	7	0.0
11/2/2023 13:15	66.0	4.0	ESE	7	0.0
11/2/2023 13:20	66.0	4.0	ESE	5	0.0
11/2/2023 13:25	66.0	3.0	ESE	5	0.0
11/2/2023 13:30	67.0	4.0	ESE	6	0.0
11/2/2023 13:35	67.0	4.0	E	8	0.0
11/2/2023 13:40	67.0	5.0	E	8	0.0
11/2/2023 13:45	68.0	5.0	ESE	8	0.0
11/2/2023 13:50	67.0	4.0	E	7	0.0
11/2/2023 13:55	68.0	3.0	E	7	0.0
11/2/2023 14:00	68.0	5.0	ESE	8	0.0
11/2/2023 14:05	68.0	4.0	ESE	7	0.0
11/2/2023 14:10	68.0	5.0	ESE	8	0.0
11/2/2023 14:15	69.0	5.0	ESE	10	0.0
11/2/2023 14:20	69.0	5.0	E	9	0.0
11/2/2023 14:25	68.0	6.0	ESE	10	0.0



11/2/2023 14:30	69.0	5.0	ESE	10	0.0
11/2/2023 14:35	69.0	4.0	E	7	0.0
11/2/2023 14:40	69.0	5.0	ESE	8	0.0
11/2/2023 14:45	69.0	4.0	E	7	0.0
11/2/2023 14:50	70.0	5.0	E	8	0.0
11/2/2023 14:55	70.0	4.0	E	8	0.0
11/2/2023 15:00	70.0	5.0	ESE	8	0.0
11/2/2023 15:05	70.0	4.0	E	7	0.0
11/2/2023 15:10	71.0	3.0	ENE	6	0.0
11/2/2023 15:15	71.0	4.0	ESE	7	0.0
11/2/2023 15:20	71.0	3.0	E	7	0.0
11/2/2023 15:25	72.0	3.0	E	7	0.0
11/2/2023 15:30	72.0	5.0	E	9	0.0
11/2/2023 15:35	71.0	4.0	ESE	7	0.0
11/2/2023 15:40	71.0	7.0	E	10	0.0
11/2/2023 15:45	71.0	4.0	ESE	7	0.0
11/2/2023 15:50	71.0	4.0	E	7	0.0
11/2/2023 15:55	71.0	4.0	E	7	0.0
11/2/2023 16:00	72.0	5.0	ESE	8	0.0
11/2/2023 16:05	71.0	6.0	ESE	9	0.0
11/2/2023 16:10	71.0	4.0	ESE	9	0.0
11/2/2023 16:15	71.0	6.0	E	9	0.0
11/2/2023 16:20	70.0	5.0	ESE	9	0.0
11/2/2023 16:25	70.0	4.0	ESE	8	0.0
11/2/2023 16:30	70.0	5.0	ESE	9	0.0
11/2/2023 16:35	70.0	5.0	E	8	0.0
11/2/2023 16:40	69.0	4.0	ESE	7	0.0
11/2/2023 16:45	69.0	3.0	ESE	7	0.0
11/2/2023 16:50	69.0	2.0	ESE	6	0.0
11/2/2023 16:55	69.0	4.0	ESE	7	0.0
11/2/2023 17:00	69.0	2.0	ESE	4	0.0
11/2/2023 17:05	69.0	2.0	ESE	4	0.0
11/2/2023 17:10	70.0	0.0		3	0.0
11/2/2023 17:15	70.0	2.0	ESE	4	0.0
11/2/2023 17:20	70.0	1.0	ESE	4	0.0
11/2/2023 17:25	70.0	0.0		2	0.0
11/2/2023 17:30	70.0	0.0		2	0.0
11/2/2023 17:35	70.0	1.0	ESE	3	0.0
11/2/2023 17:40	69.0	2.0	E	4	0.0
11/2/2023 17:45	69.0	3.0	E	4	0.0
11/2/2023 17:50	69.0	2.0	E	4	0.0
11/2/2023 17:55	68.0	2.0	ESE	3	0.0
11/2/2023 18:00	68.0	2.0	ESE	4	0.0
11/3/2023 6:00	56.0	0.0		0	0.0
11/3/2023 6:05	56.0	0.0		2	0.0
11/3/2023 6:10	57.0	2.0	S	5	0.0
11/3/2023 6:15	57.0	4.0	S	8	0.0
11/3/2023 6:20	58.0	3.0	S	5	0.0
11/3/2023 6:25	58.0	2.0	S	5	0.0
11/3/2023 6:30	58.0	0.0		1	0.0
11/3/2023 6:35	58.0	0.0		1	0.0
11/3/2023 6:40	58.0	0.0		0	0.0
11/3/2023 6:45	58.0	0.0		1	0.0
11/3/2023 6:50	58.0	0.0		0	0.0
11/3/2023 6:55	57.0	0.0		0	0.0

11/3/2023 7:00	57.0	0.0		0	0.0
11/3/2023 7:05	57.0	0.0		0	0.0
11/3/2023 7:10	56.0	0.0		1	0.0
11/3/2023 7:15	56.0	0.0		1	0.0
11/3/2023 7:20	56.0	0.0		0	0.0
11/3/2023 7:25	56.0	0.0		1	0.0
11/3/2023 7:30	56.0	0.0		1	0.0
11/3/2023 7:35	56.0	0.0		1	0.0
11/3/2023 7:40	56.0	0.0		1	0.0
11/3/2023 7:45	55.0	0.0		2	0.0
11/3/2023 7:50	55.0	0.0		1	0.0
11/3/2023 7:55	55.0	0.0		1	0.0
11/3/2023 8:00	55.0	0.0		0	0.0
11/3/2023 8:05	55.0	0.0		1	0.0
11/3/2023 8:10	55.0	0.0		1	0.0
11/3/2023 8:15	55.0	0.0		1	0.0
11/3/2023 8:20	56.0	0.0		1	0.0
11/3/2023 8:25	56.0	1.0	WSW	2	0.0
11/3/2023 8:30	57.0	0.0		2	0.0
11/3/2023 8:35	58.0	1.0	WSW	3	0.0
11/3/2023 8:40	58.0	1.0	W	4	0.0
11/3/2023 8:45	59.0	1.0	WSW	3	0.0
11/3/2023 8:50	59.0	1.0	W	3	0.0
11/3/2023 8:55	60.0	2.0	WSW	4	0.0
11/3/2023 9:00	60.0	1.0	WSW	3	0.0
11/3/2023 9:05	60.0	2.0	W	3	0.0
11/3/2023 9:10	61.0	1.0	WSW	3	0.0
11/3/2023 9:15	61.0	1.0	NW	3	0.0
11/3/2023 9:20	62.0	0.0		0	0.0
11/3/2023 9:25	63.0	0.0		0	0.0
11/3/2023 9:30	64.0	0.0		2	0.0
11/3/2023 9:35	64.0	1.0	NW	3	0.0
11/3/2023 9:40	65.0	1.0	NW	4	0.0
11/3/2023 9:45	65.0	1.0	NW	2	0.0
11/3/2023 9:50	65.0	1.0	NW	3	0.0
11/3/2023 9:55	66.0	2.0	WNW	3	0.0
11/3/2023 10:00	66.0	2.0	WNW	3	0.0
11/3/2023 10:05	66.0	1.0	NW	3	0.0
11/3/2023 10:10	66.0	2.0	NW	4	0.0
11/3/2023 10:15	66.0	2.0	NW	3	0.0
11/3/2023 10:20	66.0	2.0	WNW	4	0.0
11/3/2023 10:25	67.0	1.0	WNW	4	0.0
11/3/2023 10:30	67.0	1.0	NW	4	0.0
11/3/2023 10:35	68.0	2.0	NW	4	0.0
11/3/2023 10:40	68.0	1.0	N	3	0.0
11/3/2023 10:45	68.0	1.0	NNW	3	0.0
11/3/2023 10:50	69.0	1.0	NW	4	0.0
11/3/2023 10:55	70.0	3.0	WNW	4	0.0
11/3/2023 11:00	70.0	2.0	NW	6	0.0
11/3/2023 11:05	70.0	1.0	NW	3	0.0
11/3/2023 11:10	70.0	2.0	NNW	5	0.0
11/3/2023 11:15	71.0	2.0	NNE	5	0.0
11/3/2023 11:20	71.0	2.0	NNW	5	0.0
11/3/2023 11:25	71.0	2.0	N	4	0.0
11/3/2023 11:30	71.0	1.0	NNE	4	0.0

11/3/2023 11:35	71.0	2.0	NNE	3	0.0
11/3/2023 11:40	71.0	2.0	NNE	4	0.0
11/3/2023 11:45	71.0	1.0	NNE	4	0.0
11/3/2023 11:50	71.0	1.0	NNE	4	0.0
11/3/2023 11:55	72.0	1.0	WNW	5	0.0
11/3/2023 12:00	72.0	1.0	NNW	3	0.0
11/3/2023 12:05	73.0	1.0	NNE	3	0.0
11/3/2023 12:10	73.0	1.0	E	3	0.0
11/3/2023 12:15	72.0	1.0	E	3	0.0
11/3/2023 12:20	72.0	1.0	ENE	6	0.0
11/3/2023 12:25	72.0	4.0	ESE	8	0.0
11/3/2023 12:30	71.0	5.0	ESE	8	0.0
11/3/2023 12:35	70.0	6.0	E	10	0.0
11/3/2023 12:40	68.0	6.0	E	10	0.0
11/3/2023 12:45	68.0	5.0	ESE	8	0.0
11/3/2023 12:50	68.0	4.0	ESE	7	0.0
11/3/2023 12:55	69.0	5.0	E	10	0.0
11/3/2023 13:00	69.0	6.0	ESE	9	0.0
11/3/2023 13:05	68.0	5.0	E	9	0.0
11/3/2023 13:10	69.0	5.0	E	10	0.0
11/3/2023 13:15	69.0	5.0	ESE	10	0.0
11/3/2023 13:20	70.0	6.0	E	11	0.0
11/3/2023 13:25	70.0	7.0	ESE	11	0.0
11/3/2023 13:30	70.0	7.0	ESE	12	0.0
11/3/2023 13:35	71.0	6.0	ESE	10	0.0
11/3/2023 13:40	71.0	4.0	ESE	9	0.0
11/3/2023 13:45	71.0	7.0	E	11	0.0
11/3/2023 13:50	71.0	4.0	ESE	8	0.0
11/3/2023 13:55	72.0	5.0	E	9	0.0
11/3/2023 14:00	72.0	4.0	E	8	0.0
11/3/2023 14:05	73.0	4.0	E	8	0.0
11/3/2023 14:10	73.0	4.0	E	9	0.0
11/3/2023 14:15	73.0	5.0	ESE	8	0.0
11/3/2023 14:20	74.0	5.0	E	9	0.0
11/3/2023 14:25	74.0	4.0	ESE	9	0.0
11/3/2023 14:30	74.0	7.0	E	10	0.0
11/3/2023 14:35	74.0	6.0	ESE	10	0.0
11/3/2023 14:40	74.0	7.0	E	12	0.0
11/3/2023 14:45	74.0	6.0	ESE	13	0.0
11/3/2023 14:50	74.0	8.0	ESE	13	0.0
11/3/2023 14:55	74.0	8.0	ESE	12	0.0
11/3/2023 15:00	74.0	8.0	ESE	11	0.0
11/3/2023 15:05	74.0	7.0	ESE	11	0.0
11/3/2023 15:10	74.0	7.0	ESE	12	0.0
11/3/2023 15:15	74.0	6.0	ESE	9	0.0
11/3/2023 15:20	75.0	5.0	ESE	10	0.0
11/3/2023 15:25	75.0	5.0	ESE	10	0.0
11/3/2023 15:30	75.0	8.0	ESE	13	0.0
11/3/2023 15:35	75.0	9.0	ESE	13	0.0
11/3/2023 15:40	75.0	6.0	ESE	12	0.0
11/3/2023 15:45	75.0	5.0	ESE	11	0.0
11/3/2023 15:50	75.0	7.0	ESE	12	0.0
11/3/2023 15:55	75.0	7.0	ESE	10	0.0
11/3/2023 16:00	75.0	8.0	ESE	12	0.0
11/3/2023 16:05	75.0	6.0	ESE	11	0.0

11/3/2023 16:10	75.0	6.0	ESE	11	0.0
11/3/2023 16:15	75.0	8.0	ESE	12	0.0
11/3/2023 16:20	74.0	6.0	ESE	13	0.0
11/3/2023 16:25	73.0	7.0	ESE	13	0.0
11/3/2023 16:30	73.0	8.0	ESE	12	0.0
11/3/2023 16:35	73.0	7.0	ESE	12	0.0
11/3/2023 16:40	73.0	9.0	ESE	14	0.0
11/3/2023 16:45	72.0	9.0	ESE	15	0.0
11/3/2023 16:50	72.0	8.0	ESE	11	0.0
11/3/2023 16:55	71.0	8.0	ESE	12	0.0
11/3/2023 17:00	71.0	8.0	E	13	0.0
11/3/2023 17:05	71.0	7.0	ESE	13	0.0
11/3/2023 17:10	71.0	7.0	ESE	10	0.0
11/3/2023 17:15	71.0	7.0	ESE	13	0.0
11/3/2023 17:20	71.0	6.0	ESE	10	0.0
11/3/2023 17:25	71.0	6.0	ESE	11	0.0
11/3/2023 17:30	70.0	7.0	ESE	11	0.0
11/3/2023 17:35	70.0	7.0	ESE	11	0.0
11/3/2023 17:40	69.0	7.0	ESE	13	0.0
11/3/2023 17:45	69.0	5.0	ESE	13	0.0
11/3/2023 17:50	68.0	6.0	ESE	9	0.0
11/3/2023 17:55	68.0	5.0	ESE	11	0.0
11/3/2023 18:00	68.0	4.0	ESE	8	0.0
11/8/2023 6:00	47.0	0.0		0	0.0
11/8/2023 6:05	47.0	1.0	S	3	0.0
11/8/2023 6:10	47.0	1.0	SSW	3	0.0
11/8/2023 6:15	47.0	2.0	S	5	0.0
11/8/2023 6:20	47.0	1.0	S	2	0.0
11/8/2023 6:25	47.0	0.0		2	0.0
11/8/2023 6:30	47.0	0.0		0	0.0
11/8/2023 6:35	47.0	0.0		2	0.0
11/8/2023 6:40	47.0	0.0		2	0.0
11/8/2023 6:45	47.0	0.0		0	0.0
11/8/2023 6:50	47.0	0.0		0	0.0
11/8/2023 6:55	47.0	1.0	SSW	3	0.0
11/8/2023 7:00	47.0	1.0	SSW	4	0.0
11/8/2023 7:05	47.0	0.0		2	0.0
11/8/2023 7:10	47.0	1.0	WSW	3	0.0
11/8/2023 7:15	48.0	1.0	WSW	3	0.0
11/8/2023 7:20	48.0	1.0	SW	3	0.0
11/8/2023 7:25	48.0	1.0	SW	2	0.0
11/8/2023 7:30	49.0	2.0	WNW	6	0.0
11/8/2023 7:35	50.0	2.0	WNW	6	0.0
11/8/2023 7:40	50.0	0.0		2	0.0
11/8/2023 7:45	51.0	1.0	WSW	2	0.0
11/8/2023 7:50	52.0	0.0		2	0.0
11/8/2023 7:55	53.0	0.0		1	0.0
11/8/2023 8:00	54.0	1.0	WNW	2	0.0
11/8/2023 8:05	54.0	0.0		0	0.0
11/8/2023 8:10	55.0	0.0		0	0.0
11/8/2023 8:15	55.0	0.0		0	0.0
11/8/2023 8:20	55.0	0.0		0	0.0
11/8/2023 8:25	55.0	0.0		0	0.0
11/8/2023 8:30	56.0	0.0		0	0.0
11/8/2023 8:35	56.0	0.0		0	0.0

11/8/2023 8:40	56.0	0.0		0	0.0
11/8/2023 8:45	57.0	0.0		0	0.0
11/8/2023 8:50	58.0	0.0		0	0.0
11/8/2023 8:55	58.0	0.0		0	0.0
11/8/2023 9:00	59.0	0.0		2	0.0
11/8/2023 9:05	59.0	0.0		1	0.0
11/8/2023 9:10	59.0	0.0		2	0.0
11/8/2023 9:15	60.0	1.0	NNE	3	0.0
11/8/2023 9:20	60.0	1.0	E	3	0.0
11/8/2023 9:25	60.0	1.0	NNE	3	0.0
11/8/2023 9:30	60.0	2.0	NNE	3	0.0
11/8/2023 9:35	60.0	1.0	ENE	4	0.0
11/8/2023 9:40	60.0	1.0	E	4	0.0
11/8/2023 9:45	60.0	1.0	SE	3	0.0
11/8/2023 9:50	60.0	2.0	ENE	4	0.0
11/8/2023 9:55	60.0	3.0	ENE	6	0.0
11/8/2023 10:00	60.0	3.0	ENE	6	0.0
11/8/2023 10:05	60.0	3.0	ENE	8	0.0
11/8/2023 10:10	60.0	3.0	ENE	7	0.0
11/8/2023 10:15	60.0	3.0	E	5	0.0
11/8/2023 10:20	60.0	3.0	E	7	0.0
11/8/2023 10:25	60.0	2.0	ENE	4	0.0
11/8/2023 10:30	61.0	3.0	ENE	6	0.0
11/8/2023 10:35	61.0	4.0	ESE	8	0.0
11/8/2023 10:40	61.0	3.0	ENE	6	0.0
11/8/2023 10:45	61.0	3.0	NE	9	0.0
11/8/2023 10:50	61.0	4.0	ESE	7	0.0
11/8/2023 10:55	60.0	3.0	ESE	8	0.0
11/8/2023 11:00	61.0	4.0	E	8	0.0
11/8/2023 11:05	61.0	3.0	E	8	0.0
11/8/2023 11:10	61.0	5.0	E	10	0.0
11/8/2023 11:15	61.0	5.0	E	10	0.0
11/8/2023 11:20	61.0	6.0	E	10	0.0
11/8/2023 11:25	61.0	4.0	E	9	0.0
11/8/2023 11:30	61.0	4.0	ENE	10	0.0
11/8/2023 11:35	61.0	3.0	E	10	0.0
11/8/2023 11:40	62.0	5.0	ESE	9	0.0
11/8/2023 11:45	62.0	6.0	E	10	0.0
11/8/2023 11:50	62.0	5.0	ENE	11	0.0
11/8/2023 11:55	62.0	7.0	ENE	11	0.0
11/8/2023 12:00	62.0	5.0	ENE	11	0.0
11/8/2023 12:05	62.0	5.0	E	10	0.0
11/8/2023 12:10	63.0	4.0	ENE	9	0.0
11/8/2023 12:15	63.0	5.0	ENE	11	0.0
11/8/2023 12:20	63.0	7.0	ENE	12	0.0
11/8/2023 12:25	63.0	7.0	E	12	0.0
11/8/2023 12:30	63.0	5.0	E	11	0.0
11/8/2023 12:35	63.0	6.0	E	11	0.0
11/8/2023 12:40	63.0	6.0	E	11	0.0
11/8/2023 12:45	63.0	5.0	E	10	0.0
11/8/2023 12:50	64.0	5.0	E	10	0.0
11/8/2023 12:55	64.0	5.0	E	11	0.0
11/8/2023 13:00	64.0	6.0	E	10	0.0
11/8/2023 13:05	64.0	7.0	E	10	0.0
11/8/2023 13:10	64.0	6.0	E	11	0.0

11/8/2023 13:15	64.0	7.0	E	12	0.0
11/8/2023 13:20	64.0	7.0	E	12	0.0
11/8/2023 13:25	64.0	7.0	ESE	11	0.0
11/8/2023 13:30	64.0	6.0	E	11	0.0
11/8/2023 13:35	64.0	5.0	E	11	0.0
11/8/2023 13:40	65.0	7.0	ESE	12	0.0
11/8/2023 13:45	64.0	8.0	E	12	0.0
11/8/2023 13:50	64.0	9.0	E	13	0.0
11/8/2023 13:55	64.0	8.0	E	13	0.0
11/8/2023 14:00	64.0	7.0	E	12	0.0
11/8/2023 14:05	64.0	8.0	E	12	0.0
11/8/2023 14:10	64.0	7.0	E	11	0.0
11/8/2023 14:15	65.0	7.0	E	12	0.0
11/8/2023 14:20	65.0	7.0	E	12	0.0
11/8/2023 14:25	65.0	8.0	E	13	0.0
11/8/2023 14:30	65.0	9.0	E	13	0.0
11/8/2023 14:35	65.0	7.0	E	14	0.0
11/8/2023 14:40	65.0	9.0	ESE	15	0.0
11/8/2023 14:45	65.0	9.0	ESE	14	0.0
11/8/2023 14:50	65.0	8.0	E	14	0.0
11/8/2023 14:55	66.0	7.0	E	11	0.0
11/8/2023 15:00	66.0	7.0	E	11	0.0
11/8/2023 15:05	66.0	8.0	E	12	0.0
11/8/2023 15:10	66.0	5.0	E	12	0.0
11/8/2023 15:15	66.0	8.0	E	12	0.0
11/8/2023 15:20	66.0	8.0	E	12	0.0
11/8/2023 15:25	66.0	6.0	ESE	12	0.0
11/8/2023 15:30	66.0	7.0	ESE	11	0.0
11/8/2023 15:35	66.0	5.0	ESE	8	0.0
11/8/2023 15:40	66.0	5.0	E	12	0.0
11/8/2023 15:45	66.0	8.0	E	13	0.0
11/8/2023 15:50	66.0	5.0	E	10	0.0
11/8/2023 15:55	66.0	8.0	E	14	0.0
11/8/2023 16:00	66.0	8.0	ESE	14	0.0
11/8/2023 16:05	66.0	9.0	ESE	15	0.0
11/8/2023 16:10	66.0	6.0	ESE	11	0.0
11/8/2023 16:15	66.0	5.0	ESE	11	0.0
11/8/2023 16:20	65.0	6.0	ESE	10	0.0
11/8/2023 16:25	65.0	4.0	ESE	10	0.0
11/8/2023 16:30	65.0	7.0	ESE	12	0.0
11/8/2023 16:35	64.0	6.0	ESE	11	0.0
11/8/2023 16:40	64.0	7.0	ESE	12	0.0
11/8/2023 16:45	64.0	5.0	ESE	11	0.0
11/8/2023 16:50	63.0	6.0	ESE	9	0.0
11/8/2023 16:55	63.0	5.0	ESE	9	0.0
11/8/2023 17:00	63.0	5.0	ESE	9	0.0
11/8/2023 17:05	63.0	5.0	ESE	9	0.0
11/8/2023 17:10	62.0	6.0	ESE	11	0.0
11/8/2023 17:15	62.0	6.0	ESE	11	0.0
11/8/2023 17:20	62.0	6.0	ESE	11	0.0
11/8/2023 17:25	62.0	6.0	ESE	9	0.0
11/8/2023 17:30	62.0	6.0	ESE	10	0.0
11/8/2023 17:35	62.0	4.0	ESE	8	0.0
11/8/2023 17:40	62.0	5.0	ESE	10	0.0
11/8/2023 17:45	62.0	5.0	ESE	9	0.0

11/8/2023 17:50	61.0	6.0	ESE	10	0.0
11/8/2023 17:55	61.0	6.0	ESE	10	0.0
11/8/2023 18:00	61.0	6.0	ESE	10	0.0
11/9/2023 6:00	45.0	0.0		1	0.0
11/9/2023 6:05	44.0	0.0		1	0.0
11/9/2023 6:10	44.0	0.0		1	0.0
11/9/2023 6:15	44.0	0.0		1	0.0
11/9/2023 6:20	44.0	0.0		1	0.0
11/9/2023 6:25	44.0	0.0		1	0.0
11/9/2023 6:30	44.0	1.0	WSW	2	0.0
11/9/2023 6:35	44.0	0.0		0	0.0
11/9/2023 6:40	44.0	0.0		0	0.0
11/9/2023 6:45	44.0	0.0		2	0.0
11/9/2023 6:50	44.0	0.0		1	0.0
11/9/2023 6:55	44.0	0.0		0	0.0
11/9/2023 7:00	44.0	0.0		0	0.0
11/9/2023 7:05	44.0	0.0		0	0.0
11/9/2023 7:10	44.0	0.0		0	0.0
11/9/2023 7:15	44.0	0.0		0	0.0
11/9/2023 7:20	44.0	0.0		0	0.0
11/9/2023 7:25	45.0	0.0		0	0.0
11/9/2023 7:30	46.0	0.0		0	0.0
11/9/2023 7:35	46.0	0.0		0	0.0
11/9/2023 7:40	47.0	0.0		0	0.0
11/9/2023 7:45	48.0	0.0		0	0.0
11/9/2023 7:50	48.0	0.0		0	0.0
11/9/2023 7:55	49.0	0.0		0	0.0
11/9/2023 8:00	50.0	0.0		0	0.0
11/9/2023 8:05	51.0	0.0		0	0.0
11/9/2023 8:10	51.0	0.0		0	0.0
11/9/2023 8:15	51.0	0.0		0	0.0
11/9/2023 8:20	52.0	0.0		0	0.0
11/9/2023 8:25	52.0	0.0		0	0.0
11/9/2023 8:30	53.0	0.0		2	0.0
11/9/2023 8:35	54.0	0.0		0	0.0
11/9/2023 8:40	54.0	2.0	NW	4	0.0
11/9/2023 8:45	54.0	2.0	NW	4	0.0
11/9/2023 8:50	54.0	2.0	WNW	4	0.0
11/9/2023 8:55	54.0	2.0	WNW	3	0.0
11/9/2023 9:00	55.0	2.0	WNW	6	0.0
11/9/2023 9:05	55.0	2.0	WNW	4	0.0
11/9/2023 9:10	55.0	1.0	WNW	3	0.0
11/9/2023 9:15	56.0	1.0	N	3	0.0
11/9/2023 9:20	57.0	1.0	WNW	3	0.0
11/9/2023 9:25	57.0	1.0	NNW	5	0.0
11/9/2023 9:30	58.0	2.0	WNW	6	0.0
11/9/2023 9:35	58.0	1.0	WNW	3	0.0
11/9/2023 9:40	58.0	1.0	NW	3	0.0
11/9/2023 9:45	58.0	1.0	N	2	0.0
11/9/2023 9:50	59.0	1.0	NNE	3	0.0
11/9/2023 9:55	58.0	1.0	NE	4	0.0
11/9/2023 10:00	59.0	0.0		2	0.0
11/9/2023 10:05	59.0	1.0	ESE	3	0.0
11/9/2023 10:10	59.0	2.0	ESE	4	0.0
11/9/2023 10:15	59.0	1.0	NE	2	0.0

11/9/2023 10:20	59.0	1.0	NE	4	0.0
11/9/2023 10:25	59.0	2.0	NNE	4	0.0
11/9/2023 10:30	59.0	1.0	NNE	3	0.0
11/9/2023 10:35	59.0	1.0	NNE	2	0.0
11/9/2023 10:40	60.0	1.0	ESE	3	0.0
11/9/2023 10:45	59.0	2.0	E	5	0.0
11/9/2023 10:50	59.0	1.0	E	5	0.0
11/9/2023 10:55	59.0	1.0	E	3	0.0
11/9/2023 11:00	59.0	0.0		2	0.0
11/9/2023 11:05	60.0	0.0		1	0.0
11/9/2023 11:10	60.0	1.0	NE	3	0.0
11/9/2023 11:15	60.0	1.0	NE	3	0.0
11/9/2023 11:20	60.0	2.0	ESE	4	0.0
11/9/2023 11:25	60.0	0.0		3	0.0
11/9/2023 11:30	61.0	1.0	NNE	4	0.0
11/9/2023 11:35	61.0	3.0	ESE	8	0.0
11/9/2023 11:40	61.0	7.0	ESE	11	0.0
11/9/2023 11:45	60.0	6.0	ESE	10	0.0
11/9/2023 11:50	59.0	5.0	ESE	9	0.0
11/9/2023 11:55	59.0	3.0	E	6	0.0
11/9/2023 12:00	59.0	2.0	ESE	5	0.0
11/9/2023 12:05	59.0	3.0	ESE	7	0.0
11/9/2023 12:10	60.0	2.0	E	7	0.0
11/9/2023 12:15	60.0	4.0	ESE	7	0.0
11/9/2023 12:20	60.0	5.0	ESE	9	0.0
11/9/2023 12:25	60.0	6.0	ESE	9	0.0
11/9/2023 12:30	60.0	6.0	E	10	0.0
11/9/2023 12:35	60.0	5.0	ESE	8	0.0
11/9/2023 12:40	60.0	5.0	ESE	9	0.0
11/9/2023 12:45	61.0	3.0	ESE	6	0.0
11/9/2023 12:50	62.0	4.0	E	8	0.0
11/9/2023 12:55	62.0	5.0	E	8	0.0
11/9/2023 13:00	63.0	4.0	ESE	8	0.0
11/9/2023 13:05	63.0	5.0	E	9	0.0
11/9/2023 13:10	63.0	6.0	E	9	0.0
11/9/2023 13:15	62.0	7.0	ESE	10	0.0
11/9/2023 13:20	62.0	6.0	ESE	10	0.0
11/9/2023 13:25	62.0	5.0	ESE	9	0.0
11/9/2023 13:30	62.0	3.0	ESE	9	0.0
11/9/2023 13:35	62.0	5.0	ESE	9	0.0
11/9/2023 13:40	62.0	2.0	ESE	4	0.0
11/9/2023 13:45	62.0	3.0	ESE	7	0.0
11/9/2023 13:50	62.0	5.0	ESE	8	0.0
11/9/2023 13:55	62.0	5.0	ESE	8	0.0
11/9/2023 14:00	62.0	4.0	ESE	7	0.0
11/9/2023 14:05	62.0	4.0	ESE	8	0.0
11/9/2023 14:10	62.0	4.0	ESE	9	0.0
11/9/2023 14:15	63.0	6.0	ESE	9	0.0
11/9/2023 14:20	63.0	4.0	ESE	8	0.0
11/9/2023 14:25	63.0	5.0	ESE	9	0.0
11/9/2023 14:30	63.0	5.0	ESE	8	0.0
11/9/2023 14:35	63.0	3.0	ESE	6	0.0
11/9/2023 14:40	64.0	3.0	ESE	10	0.0
11/9/2023 14:45	64.0	6.0	ESE	10	0.0
11/9/2023 14:50	63.0	6.0	ESE	10	0.0



11/9/2023 14:55	63.0	5.0	ESE	11	0.0
11/9/2023 15:00	63.0	4.0	ESE	9	0.0
11/9/2023 15:05	63.0	4.0	ESE	9	0.0
11/9/2023 15:10	63.0	5.0	E	9	0.0
11/9/2023 15:15	63.0	5.0	ESE	9	0.0
11/9/2023 15:20	62.0	5.0	ESE	9	0.0
11/9/2023 15:25	62.0	4.0	ESE	8	0.0
11/9/2023 15:30	62.0	6.0	E	10	0.0
11/9/2023 15:35	62.0	6.0	ESE	10	0.0
11/9/2023 15:40	62.0	5.0	ESE	9	0.0
11/9/2023 15:45	62.0	7.0	ESE	11	0.0
11/9/2023 15:50	62.0	7.0	ESE	11	0.0
11/9/2023 15:55	62.0	5.0	ESE	9	0.0
11/9/2023 16:00	62.0	6.0	ESE	10	0.0
11/9/2023 16:05	62.0	5.0	ESE	9	0.0
11/9/2023 16:10	62.0	6.0	ESE	10	0.0
11/9/2023 16:15	61.0	6.0	ESE	10	0.0
11/9/2023 16:20	61.0	5.0	ESE	9	0.0
11/9/2023 16:25	61.0	4.0	ESE	8	0.0
11/9/2023 16:30	61.0	5.0	ESE	8	0.0
11/9/2023 16:35	61.0	6.0	ESE	12	0.0
11/9/2023 16:40	61.0	8.0	ESE	12	0.0
11/9/2023 16:45	60.0	7.0	ESE	12	0.0
11/9/2023 16:50	60.0	6.0	ESE	10	0.0
11/9/2023 16:55	60.0	5.0	ESE	9	0.0
11/9/2023 17:00	59.0	4.0	ESE	9	0.0
11/9/2023 17:05	59.0	3.0	ESE	7	0.0
11/9/2023 17:10	59.0	3.0	ESE	6	0.0
11/9/2023 17:15	59.0	3.0	ESE	6	0.0
11/9/2023 17:20	59.0	2.0	ESE	4	0.0
11/9/2023 17:25	59.0	3.0	ESE	7	0.0
11/9/2023 17:30	59.0	2.0	SE	5	0.0
11/9/2023 17:35	58.0	1.0	SE	3	0.0
11/9/2023 17:40	58.0	1.0	SSE	2	0.0
11/9/2023 17:45	58.0	0.0		2	0.0
11/9/2023 17:50	58.0	0.0		1	0.0
11/9/2023 17:55	58.0	0.0		2	0.0
11/9/2023 18:00	58.0	0.0		2	0.0
11/10/2023 6:00	46.0	1.0	WSW	2	0.0
11/10/2023 6:05	46.0	1.0	WSW	2	0.0
11/10/2023 6:10	46.0	1.0	WSW	4	0.0
11/10/2023 6:15	46.0	1.0	WSW	3	0.0
11/10/2023 6:20	46.0	1.0	WSW	3	0.0
11/10/2023 6:25	46.0	0.0		1	0.0
11/10/2023 6:30	46.0	0.0		0	0.0
11/10/2023 6:35	46.0	0.0		0	0.0
11/10/2023 6:40	46.0	0.0		0	0.0
11/10/2023 6:45	46.0	0.0		0	0.0
11/10/2023 6:50	46.0	0.0		0	0.0
11/10/2023 6:55	46.0	0.0		1	0.0
11/10/2023 7:00	46.0	0.0		1	0.0
11/10/2023 7:05	46.0	0.0		0	0.0
11/10/2023 7:10	46.0	0.0		0	0.0
11/10/2023 7:15	46.0	0.0		0	0.0
11/10/2023 7:20	46.0	0.0		1	0.0

11/10/2023 7:25	47.0	0.0		1	0.0
11/10/2023 7:30	47.0	0.0		0	0.0
11/10/2023 7:35	47.0	0.0		1	0.0
11/10/2023 7:40	47.0	1.0	WSW	2	0.0
11/10/2023 7:45	47.0	0.0		2	0.0
11/10/2023 7:50	47.0	0.0		1	0.0
11/10/2023 7:55	47.0	0.0		1	0.0
11/10/2023 8:00	48.0	0.0		1	0.0
11/10/2023 8:05	48.0	0.0		0	0.0
11/10/2023 8:10	49.0	1.0	WSW	2	0.0
11/10/2023 8:15	50.0	1.0	W	3	0.0
11/10/2023 8:20	50.0	0.0		2	0.0
11/10/2023 8:25	51.0	2.0	WSW	4	0.0
11/10/2023 8:30	52.0	2.0	W	3	0.0
11/10/2023 8:35	52.0	1.0	W	4	0.0
11/10/2023 8:40	52.0	1.0	W	3	0.0
11/10/2023 8:45	53.0	0.0		2	0.0
11/10/2023 8:50	54.0	1.0	NW	4	0.0
11/10/2023 8:55	54.0	1.0	W	3	0.0
11/10/2023 9:00	55.0	1.0	WNW	3	0.0
11/10/2023 9:05	55.0	1.0	NW	3	0.0
11/10/2023 9:10	55.0	0.0		2	0.0
11/10/2023 9:15	56.0	0.0		1	0.0
11/10/2023 9:20	57.0	0.0		3	0.0
11/10/2023 9:25	57.0	0.0		2	0.0
11/10/2023 9:30	58.0	1.0	NNW	2	0.0
11/10/2023 9:35	58.0	0.0		2	0.0
11/10/2023 9:40	59.0	1.0	WSW	3	0.0
11/10/2023 9:45	59.0	1.0	W	3	0.0
11/10/2023 9:50	60.0	0.0		1	0.0
11/10/2023 9:55	60.0	0.0		2	0.0
11/10/2023 10:00	60.0	1.0	WSW	2	0.0
11/10/2023 10:05	61.0	0.0		1	0.0
11/10/2023 10:10	61.0	0.0		2	0.0
11/10/2023 10:15	62.0	1.0	E	3	0.0
11/10/2023 10:20	61.0	1.0	ENE	3	0.0
11/10/2023 10:25	61.0	2.0	ENE	7	0.0
11/10/2023 10:30	60.0	5.0	E	8	0.0
11/10/2023 10:35	59.0	4.0	ESE	9	0.0
11/10/2023 10:40	58.0	5.0	ESE	9	0.0
11/10/2023 10:45	57.0	5.0	E	10	0.0
11/10/2023 10:50	57.0	3.0	E	7	0.0
11/10/2023 10:55	57.0	2.0	SE	3	0.0
11/10/2023 11:00	57.0	0.0		2	0.0
11/10/2023 11:05	58.0	1.0	E	3	0.0
11/10/2023 11:10	58.0	2.0	ESE	6	0.0
11/10/2023 11:15	59.0	2.0	ESE	6	0.0
11/10/2023 11:20	59.0	1.0	ESE	6	0.0
11/10/2023 11:25	59.0	3.0	ESE	7	0.0
11/10/2023 11:30	59.0	3.0	ENE	6	0.0
11/10/2023 11:35	59.0	4.0	E	8	0.0
11/10/2023 11:40	59.0	4.0	E	9	0.0
11/10/2023 11:45	59.0	6.0	E	9	0.0
11/10/2023 11:50	59.0	5.0	E	9	0.0
11/10/2023 11:55	58.0	4.0	ESE	8	0.0

11/10/2023 12:00	58.0	4.0	ESE	8	0.0
11/10/2023 12:05	59.0	3.0	E	6	0.0
11/10/2023 12:10	59.0	3.0	E	6	0.0
11/10/2023 12:15	59.0	3.0	E	6	0.0
11/10/2023 12:20	60.0	3.0	ENE	6	0.0
11/10/2023 12:25	60.0	3.0	E	6	0.0
11/10/2023 12:30	60.0	2.0	ESE	6	0.0
11/10/2023 12:35	60.0	2.0	ESE	3	0.0
11/10/2023 12:40	61.0	1.0	ENE	3	0.0
11/10/2023 12:45	61.0	2.0	E	7	0.0
11/10/2023 12:50	62.0	3.0	E	6	0.0
11/10/2023 12:55	62.0	3.0	ESE	7	0.0
11/10/2023 13:00	62.0	4.0	ESE	7	0.0
11/10/2023 13:05	61.0	5.0	ESE	8	0.0
11/10/2023 13:10	61.0	5.0	ESE	9	0.0
11/10/2023 13:15	61.0	5.0	ESE	8	0.0
11/10/2023 13:20	61.0	6.0	E	10	0.0
11/10/2023 13:25	61.0	5.0	E	9	0.0
11/10/2023 13:30	61.0	5.0	ESE	9	0.0
11/10/2023 13:35	61.0	7.0	ESE	10	0.0
11/10/2023 13:40	60.0	7.0	E	11	0.0
11/10/2023 13:45	60.0	6.0	ESE	11	0.0
11/10/2023 13:50	60.0	6.0	ESE	9	0.0
11/10/2023 13:55	61.0	6.0	ESE	9	0.0
11/10/2023 14:00	61.0	7.0	ESE	11	0.0
11/10/2023 14:05	61.0	7.0	ESE	11	0.0
11/10/2023 14:10	61.0	7.0	ESE	11	0.0
11/10/2023 14:15	61.0	8.0	E	13	0.0
11/10/2023 14:20	61.0	7.0	E	13	0.0
11/10/2023 14:25	62.0	4.0	ESE	8	0.0
11/10/2023 14:30	62.0	7.0	ESE	11	0.0
11/10/2023 14:35	63.0	5.0	ESE	10	0.0
11/10/2023 14:40	63.0	5.0	ESE	10	0.0
11/10/2023 14:45	64.0	5.0	ESE	10	0.0
11/10/2023 14:50	64.0	6.0	ESE	12	0.0
11/10/2023 14:55	65.0	7.0	ESE	12	0.0
11/10/2023 15:00	65.0	6.0	ESE	12	0.0
11/10/2023 15:05	66.0	6.0	ESE	10	0.0
11/10/2023 15:10	66.0	5.0	ESE	9	0.0
11/10/2023 15:15	66.0	4.0	ESE	9	0.0
11/10/2023 15:20	66.0	7.0	ESE	10	0.0
11/10/2023 15:25	65.0	4.0	E	9	0.0
11/10/2023 15:30	65.0	4.0	ESE	8	0.0
11/10/2023 15:35	65.0	4.0	ESE	9	0.0
11/10/2023 15:40	65.0	5.0	ESE	9	0.0
11/10/2023 15:45	65.0	5.0	ESE	9	0.0
11/10/2023 15:50	65.0	5.0	ESE	9	0.0
11/10/2023 15:55	65.0	4.0	ESE	7	0.0
11/10/2023 16:00	65.0	2.0	ESE	5	0.0
11/10/2023 16:05	66.0	3.0	ESE	6	0.0
11/10/2023 16:10	66.0	4.0	ESE	8	0.0
11/10/2023 16:15	66.0	3.0	ESE	6	0.0
11/10/2023 16:20	66.0	1.0	ESE	4	0.0
11/10/2023 16:25	66.0	2.0	ESE	4	0.0
11/10/2023 16:30	65.0	2.0	ESE	5	0.0

11/10/2023 16:35	65.0	2.0	ESE	5	0.0
11/10/2023 16:40	65.0	3.0	ESE	6	0.0
11/10/2023 16:45	65.0	4.0	ESE	8	0.0
11/10/2023 16:50	64.0	4.0	ESE	6	0.0
11/10/2023 16:55	64.0	3.0	ESE	6	0.0
11/10/2023 17:00	64.0	3.0	ESE	6	0.0
11/10/2023 17:05	64.0	3.0	ESE	7	0.0
11/10/2023 17:10	63.0	3.0	ESE	6	0.0
11/10/2023 17:15	63.0	1.0	SE	3	0.0
11/10/2023 17:20	63.0	1.0	SE	2	0.0
11/10/2023 17:25	63.0	1.0	SE	2	0.0
11/10/2023 17:30	62.0	0.0		2	0.0
11/10/2023 17:35	62.0	0.0		2	0.0
11/10/2023 17:40	62.0	0.0		2	0.0
11/10/2023 17:45	62.0	0.0		1	0.0
11/10/2023 17:50	62.0	1.0	S	3	0.0
11/10/2023 17:55	61.0	0.0		3	0.0
11/10/2023 18:00	61.0	0.0		1	0.0
11/13/2023 6:00	53.0	1.0	NW	3	0.0
11/13/2023 6:05	53.0	3.0	WNW	6	0.0
11/13/2023 6:10	52.0	1.0	W	3	0.0
11/13/2023 6:15	52.0	2.0	WNW	6	0.0
11/13/2023 6:20	52.0	2.0	WNW	4	0.0
11/13/2023 6:25	52.0	0.0		2	0.0
11/13/2023 6:30	52.0	0.0		2	0.0
11/13/2023 6:35	52.0	0.0		1	0.0
11/13/2023 6:40	52.0	1.0	WNW	4	0.0
11/13/2023 6:45	53.0	2.0	WNW	5	0.0
11/13/2023 6:50	53.0	2.0	WNW	4	0.0
11/13/2023 6:55	53.0	2.0	WNW	5	0.0
11/13/2023 7:00	53.0	1.0	NW	3	0.0
11/13/2023 7:05	53.0	0.0		2	0.0
11/13/2023 7:10	53.0	0.0		0	0.0
11/13/2023 7:15	53.0	0.0		0	0.0
11/13/2023 7:20	53.0	0.0		0	0.0
11/13/2023 7:25	53.0	0.0		0	0.0
11/13/2023 7:30	53.0	0.0		0	0.0
11/13/2023 7:35	53.0	1.0	NW	2	0.0
11/13/2023 7:40	53.0	0.0		0	0.0
11/13/2023 7:45	53.0	1.0	NW	2	0.0
11/13/2023 7:50	54.0	1.0	NW	2	0.0
11/13/2023 7:55	54.0	2.0	NW	3	0.0
11/13/2023 8:00	54.0	1.0	WNW	3	0.0
11/13/2023 8:05	54.0	1.0	NW	4	0.0
11/13/2023 8:10	54.0	1.0	WNW	4	0.0
11/13/2023 8:15	54.0	3.0	WNW	4	0.0
11/13/2023 8:20	54.0	1.0	WNW	3	0.0
11/13/2023 8:25	54.0	0.0		3	0.0
11/13/2023 8:30	54.0	1.0	WSW	3	0.0
11/13/2023 8:35	55.0	1.0	WNW	2	0.0
11/13/2023 8:40	55.0	1.0	WNW	2	0.0
11/13/2023 8:45	55.0	1.0	WSW	2	0.0
11/13/2023 8:50	55.0	0.0		2	0.0
11/13/2023 8:55	55.0	0.0		2	0.0
11/13/2023 9:00	56.0	0.0		2	0.0

11/13/2023 9:05	56.0	0.0		1	0.0
11/13/2023 9:10	56.0	0.0		2	0.0
11/13/2023 9:15	56.0	0.0		1	0.0
11/13/2023 9:20	57.0	0.0		2	0.0
11/13/2023 9:25	57.0	0.0		2	0.0
11/13/2023 9:30	57.0	0.0		1	0.0
11/13/2023 9:35	57.0	1.0	NE	2	0.0
11/13/2023 9:40	58.0	0.0		3	0.0
11/13/2023 9:45	58.0	1.0	NNE	4	0.0
11/13/2023 9:50	59.0	1.0	NNE	4	0.0
11/13/2023 9:55	59.0	1.0	NW	3	0.0
11/13/2023 10:00	60.0	1.0	NNW	5	0.0
11/13/2023 10:05	60.0	1.0	WNW	4	0.0
11/13/2023 10:10	60.0	2.0	NNE	4	0.0
11/13/2023 10:15	60.0	1.0	WNW	4	0.0
11/13/2023 10:20	61.0	1.0	N	4	0.0
11/13/2023 10:25	62.0	1.0	NE	3	0.0
11/13/2023 10:30	61.0	2.0	WSW	5	0.0
11/13/2023 10:35	61.0	2.0	WSW	3	0.0
11/13/2023 10:40	62.0	1.0	NE	6	0.0
11/13/2023 10:45	62.0	2.0	NW	5	0.0
11/13/2023 10:50	62.0	1.0	NNW	5	0.0
11/13/2023 10:55	62.0	1.0	NE	2	0.0
11/13/2023 11:00	62.0	2.0	WNW	4	0.0
11/13/2023 11:05	63.0	2.0	WNW	6	0.0
11/13/2023 11:10	63.0	0.0		3	0.0
11/13/2023 11:15	63.0	1.0	N	3	0.0
11/13/2023 11:20	63.0	1.0	NW	4	0.0
11/13/2023 11:25	64.0	1.0	WNW	4	0.0
11/13/2023 11:30	64.0	1.0	WNW	4	0.0
11/13/2023 11:35	64.0	1.0	N	4	0.0
11/13/2023 11:40	64.0	2.0	N	5	0.0
11/13/2023 11:45	64.0	1.0	N	4	0.0
11/13/2023 11:50	65.0	2.0	NE	4	0.0
11/13/2023 11:55	65.0	1.0	NNE	4	0.0
11/13/2023 12:00	65.0	3.0	NNE	7	0.0
11/13/2023 12:05	64.0	2.0	NE	6	0.0
11/13/2023 12:10	64.0	3.0	NE	5	0.0
11/13/2023 12:15	63.0	3.0	NNE	5	0.0
11/13/2023 12:20	63.0	2.0	NNE	5	0.0
11/13/2023 12:25	63.0	2.0	E	6	0.0
11/13/2023 12:30	62.0	3.0	E	7	0.0
11/13/2023 12:35	62.0	5.0	E	8	0.0
11/13/2023 12:40	61.0	4.0	ESE	8	0.0
11/13/2023 12:45	61.0	2.0	ESE	7	0.0
11/13/2023 12:50	62.0	2.0	ESE	4	0.0
11/13/2023 12:55	62.0	3.0	ESE	6	0.0
11/13/2023 13:00	62.0	2.0	NE	5	0.0
11/13/2023 13:05	63.0	2.0	E	6	0.0
11/13/2023 13:10	63.0	4.0	ESE	7	0.0
11/13/2023 13:15	63.0	5.0	E	9	0.0
11/13/2023 13:20	63.0	7.0	ESE	11	0.0
11/13/2023 13:25	62.0	6.0	ESE	9	0.0
11/13/2023 13:30	62.0	5.0	ESE	9	0.0
11/13/2023 13:35	61.0	5.0	ESE	9	0.0

11/13/2023 13:40	61.0	6.0	ESE	9	0.0
11/13/2023 13:45	62.0	5.0	E	9	0.0
11/13/2023 13:50	62.0	2.0	E	8	0.0
11/13/2023 13:55	63.0	4.0	ESE	7	0.0
11/13/2023 14:00	63.0	5.0	ESE	8	0.0
11/13/2023 14:05	63.0	6.0	ESE	9	0.0
11/13/2023 14:10	63.0	7.0	ESE	10	0.0
11/13/2023 14:15	63.0	8.0	E	11	0.0
11/13/2023 14:20	63.0	6.0	E	10	0.0
11/13/2023 14:25	63.0	7.0	E	10	0.0
11/13/2023 14:30	63.0	6.0	ESE	9	0.0
11/13/2023 14:35	63.0	6.0	E	11	0.0
11/13/2023 14:40	63.0	7.0	ESE	11	0.0
11/13/2023 14:45	63.0	8.0	ESE	11	0.0
11/13/2023 14:50	63.0	7.0	ESE	12	0.0
11/13/2023 14:55	63.0	8.0	ESE	13	0.0
11/13/2023 15:00	63.0	8.0	ESE	11	0.0
11/13/2023 15:05	63.0	7.0	ESE	10	0.0
11/13/2023 15:10	63.0	7.0	ESE	11	0.0
11/13/2023 15:15	63.0	8.0	ESE	13	0.0
11/13/2023 15:20	63.0	6.0	ESE	11	0.0
11/13/2023 15:25	63.0	7.0	ESE	11	0.0
11/13/2023 15:30	62.0	6.0	E	12	0.0
11/13/2023 15:35	62.0	6.0	ESE	10	0.0
11/13/2023 15:40	62.0	5.0	ESE	10	0.0
11/13/2023 15:45	63.0	5.0	ESE	9	0.0
11/13/2023 15:50	63.0	4.0	ESE	9	0.0
11/13/2023 15:55	63.0	3.0	SE	7	0.0
11/13/2023 16:00	63.0	4.0	SE	7	0.0
11/13/2023 16:05	63.0	3.0	ESE	7	0.0
11/13/2023 16:10	63.0	3.0	ESE	7	0.0
11/13/2023 16:15	63.0	2.0	ESE	6	0.0
11/13/2023 16:20	63.0	5.0	ESE	10	0.0
11/13/2023 16:25	62.0	7.0	ESE	10	0.0
11/13/2023 16:30	62.0	6.0	ESE	12	0.0
11/13/2023 16:35	62.0	7.0	ESE	12	0.0
11/13/2023 16:40	61.0	6.0	ESE	10	0.0
11/13/2023 16:45	61.0	4.0	ESE	8	0.0
11/13/2023 16:50	61.0	3.0	ESE	7	0.0
11/13/2023 16:55	61.0	5.0	ESE	9	0.0
11/13/2023 17:00	60.0	5.0	ESE	9	0.0
11/13/2023 17:05	60.0	5.0	ESE	9	0.0
11/13/2023 17:10	60.0	4.0	ESE	8	0.0
11/13/2023 17:15	60.0	6.0	ESE	9	0.0
11/13/2023 17:20	60.0	5.0	ESE	9	0.0
11/13/2023 17:25	60.0	3.0	ESE	6	0.0
11/13/2023 17:30	60.0	2.0	SE	7	0.0
11/13/2023 17:35	60.0	4.0	ESE	8	0.0
11/13/2023 17:40	60.0	5.0	ESE	9	0.0
11/13/2023 17:45	59.0	5.0	ESE	7	0.0
11/13/2023 17:50	59.0	6.0	ESE	9	0.0
11/13/2023 17:55	59.0	3.0	ESE	8	0.0
11/13/2023 18:00	59.0	3.0	SE	7	0.0
11/15/2023 6:00	57.0	0.0		3	0.0
11/15/2023 6:05	57.0	1.0	NNE	4	0.0

11/15/2023 6:10	57.0	0.0		2	0.0
11/15/2023 6:15	57.0	0.0		2	0.0
11/15/2023 6:20	57.0	0.0		0	0.0
11/15/2023 6:25	57.0	0.0		2	0.0
11/15/2023 6:30	57.0	0.0		0	0.0
11/15/2023 6:35	57.0	1.0	NE	5	0.0
11/15/2023 6:40	57.0	1.0	E	3	0.0
11/15/2023 6:45	57.0	3.0	ESE	6	0.0
11/15/2023 6:50	58.0	4.0	ESE	7	0.0
11/15/2023 6:55	58.0	1.0	E	4	0.0
11/15/2023 7:00	58.0	1.0	E	3	0.0
11/15/2023 7:05	58.0	1.0	ESE	3	0.0
11/15/2023 7:10	58.0	0.0		3	0.0
11/15/2023 7:15	58.0	0.0		2	0.0
11/15/2023 7:20	58.0	0.0		1	0.0
11/15/2023 7:25	58.0	0.0		0	0.0
11/15/2023 7:30	58.0	0.0		1	0.0
11/15/2023 7:35	58.0	0.0		2	0.0
11/15/2023 7:40	58.0	1.0	SSW	2	0.0
11/15/2023 7:45	58.0	0.0		2	0.0
11/15/2023 7:50	58.0	0.0		2	0.0
11/15/2023 7:55	58.0	0.0		3	0.0
11/15/2023 8:00	58.0	1.0	SSW	3	0.0
11/15/2023 8:05	58.0	1.0	SW	3	0.0
11/15/2023 8:10	58.0	1.0	SSW	4	0.0
11/15/2023 8:15	58.0	1.0	SSW	3	0.0
11/15/2023 8:20	59.0	1.0	SSW	5	0.0
11/15/2023 8:25	59.0	2.0	SSW	5	0.0
11/15/2023 8:30	59.0	1.0	SSW	6	0.0
11/15/2023 8:35	59.0	1.0	SSW	4	0.0
11/15/2023 8:40	59.0	2.0	SW	5	0.0
11/15/2023 8:45	59.0	1.0	WSW	5	0.0
11/15/2023 8:50	59.0	1.0	SW	4	0.0
11/15/2023 8:55	60.0	1.0	SW	2	0.0
11/15/2023 9:00	60.0	0.0		4	0.0
11/15/2023 9:05	60.0	0.0		0	0.0
11/15/2023 9:10	60.0	0.0		0	0.0
11/15/2023 9:15	60.0	1.0	NW	3	0.0
11/15/2023 9:20	61.0	0.0		2	0.0
11/15/2023 9:25	61.0	2.0	W	4	0.0
11/15/2023 9:30	62.0	2.0	WNW	4	0.0
11/15/2023 9:35	62.0	1.0	NW	4	0.0
11/15/2023 9:40	62.0	2.0	WNW	4	0.0
11/15/2023 9:45	61.0	2.0	NW	6	0.0
11/15/2023 9:50	61.0	1.0	NW	4	0.0
11/15/2023 9:55	61.0	1.0	W	4	0.0
11/15/2023 10:00	61.0	2.0	WNW	6	0.0
11/15/2023 10:05	61.0	1.0	WSW	3	0.0
11/15/2023 10:10	61.0	1.0	WSW	3	0.0
11/15/2023 10:15	61.0	1.0	W	3	0.0
11/15/2023 10:20	62.0	2.0	W	4	0.0
11/15/2023 10:25	62.0	1.0	WSW	3	0.0
11/15/2023 10:30	62.0	1.0	SW	3	0.0
11/15/2023 10:35	62.0	1.0	WSW	4	0.0
11/15/2023 10:40	63.0	2.0	SW	4	0.0

11/15/2023 10:45	63.0	1.0	SW	4	0.0
11/15/2023 10:50	64.0	1.0	W	3	0.0
11/15/2023 10:55	64.0	2.0	W	4	0.0
11/15/2023 11:00	64.0	1.0	NW	3	0.0
11/15/2023 11:05	65.0	2.0	NW	6	0.0
11/15/2023 11:10	65.0	1.0	WNW	3	0.0
11/15/2023 11:15	66.0	0.0		2	0.0
11/15/2023 11:20	66.0	1.0	N	5	0.0
11/15/2023 11:25	66.0	1.0	N	4	0.0
11/15/2023 11:30	66.0	2.0	NW	5	0.0
11/15/2023 11:35	66.0	2.0	NW	5	0.0
11/15/2023 11:40	66.0	2.0	NNW	6	0.0
11/15/2023 11:45	67.0	2.0	WNW	5	0.0
11/15/2023 11:50	67.0	2.0	WSW	8	0.0
11/15/2023 11:55	67.0	3.0	WSW	7	0.0
11/15/2023 12:00	67.0	2.0	WSW	7	0.0
11/15/2023 12:05	68.0	4.0	WNW	8	0.0
11/15/2023 12:10	68.0	4.0	WNW	9	0.0
11/15/2023 12:15	68.0	3.0	WNW	8	0.0
11/15/2023 12:20	68.0	5.0	WNW	12	0.0
11/15/2023 12:25	68.0	4.0	W	11	0.0
11/15/2023 12:30	68.0	4.0	WNW	8	0.0
11/15/2023 12:35	68.0	3.0	W	6	0.0
11/15/2023 12:40	69.0	2.0	WSW	7	0.0
11/15/2023 12:45	69.0	2.0	W	7	0.0
11/15/2023 12:50	69.0	2.0	WNW	4	0.0
11/15/2023 12:55	70.0	2.0	WNW	5	0.0
11/15/2023 13:00	70.0	2.0	NW	4	0.0
11/15/2023 13:05	70.0	2.0	NNW	4	0.0
11/15/2023 13:10	70.0	3.0	NNE	7	0.0
11/15/2023 13:15	70.0	5.0	ENE	9	0.0
11/15/2023 13:20	68.0	4.0	ENE	9	0.0
11/15/2023 13:25	66.0	5.0	ESE	10	0.0
11/15/2023 13:30	65.0	5.0	ESE	9	0.0
11/15/2023 13:35	64.0	4.0	ESE	8	0.0
11/15/2023 13:40	64.0	5.0	ESE	7	0.0
11/15/2023 13:45	64.0	2.0	ESE	5	0.0
11/15/2023 13:50	65.0	3.0	ESE	7	0.0
11/15/2023 13:55	65.0	3.0	ESE	7	0.0
11/15/2023 14:00	66.0	3.0	ESE	4	0.0
11/15/2023 14:05	66.0	2.0	ESE	4	0.0
11/15/2023 14:10	66.0	3.0	ESE	5	0.0
11/15/2023 14:15	66.0	5.0	ESE	9	0.0
11/15/2023 14:20	65.0	4.0	ESE	7	0.0
11/15/2023 14:25	65.0	2.0	E	6	0.0
11/15/2023 14:30	65.0	3.0	ESE	8	0.0
11/15/2023 14:35	64.0	2.0	ESE	6	0.0
11/15/2023 14:40	64.0	3.0	ESE	5	0.0
11/15/2023 14:45	64.0	4.0	ESE	8	0.0
11/15/2023 14:50	64.0	6.0	ESE	10	0.0
11/15/2023 14:55	64.0	3.0	ESE	8	0.0
11/15/2023 15:00	64.0	2.0	ESE	6	0.0
11/15/2023 15:05	64.0	2.0	ESE	7	0.0
11/15/2023 15:10	64.0	2.0	ESE	6	0.0
11/15/2023 15:15	64.0	2.0	E	4	0.0



11/15/2023 15:20	64.0	2.0	E	6	0.0
11/15/2023 15:25	65.0	2.0	E	6	0.0
11/15/2023 15:30	65.0	3.0	ESE	6	0.0
11/15/2023 15:35	65.0	2.0	ESE	6	0.0
11/15/2023 15:40	65.0	4.0	ENE	10	0.0
11/15/2023 15:45	65.0	3.0	ESE	7	0.0
11/15/2023 15:50	65.0	3.0	ESE	8	0.0
11/15/2023 15:55	65.0	4.0	ESE	7	0.0
11/15/2023 16:00	65.0	3.0	ESE	6	0.0
11/15/2023 16:05	64.0	1.0	ESE	4	0.0
11/15/2023 16:10	64.0	1.0	ESE	2	0.0
11/15/2023 16:15	64.0	1.0	ESE	3	0.0
11/15/2023 16:20	65.0	1.0	S	5	0.0
11/15/2023 16:25	65.0	1.0	SSE	3	0.0
11/15/2023 16:30	65.0	1.0	ESE	3	0.0
11/15/2023 16:35	65.0	1.0	E	3	0.0
11/15/2023 16:40	65.0	1.0	SE	3	0.0
11/15/2023 16:45	65.0	1.0	SE	3	0.0
11/15/2023 16:50	65.0	2.0	ENE	4	0.0
11/15/2023 16:55	65.0	1.0	NE	4	0.0
11/15/2023 17:00	64.0	4.0	WNW	8	0.0
11/15/2023 17:05	64.0	3.0	N	7	0.0
11/15/2023 17:10	65.0	2.0	NNE	6	0.0
11/15/2023 17:15	65.0	2.0	N	6	0.0
11/15/2023 17:20	65.0	1.0	N	3	0.0
11/15/2023 17:25	65.0	1.0	N	2	0.0
11/15/2023 17:30	65.0	1.0	N	3	0.0
11/15/2023 17:35	65.0	1.0	NNE	3	0.0
11/15/2023 17:40	65.0	1.0	NNE	3	0.0
11/15/2023 17:45	64.0	2.0	NE	5	0.0
11/15/2023 17:50	64.0	2.0	NE	5	0.0
11/15/2023 17:55	63.0	1.0	SSW	5	0.0
11/15/2023 18:00	62.0	1.0	W	6	0.0
11/21/2023 6:00	45.0	0.0		0	0.0
11/21/2023 6:05	45.0	0.0		0	0.0
11/21/2023 6:10	45.0	0.0		0	0.0
11/21/2023 6:15	45.0	0.0		0	0.0
11/21/2023 6:20	45.0	0.0		0	0.0
11/21/2023 6:25	46.0	0.0		0	0.0
11/21/2023 6:30	46.0	0.0		0	0.0
11/21/2023 6:35	46.0	0.0		0	0.0
11/21/2023 6:40	46.0	0.0		1	0.0
11/21/2023 6:45	46.0	0.0		2	0.0
11/21/2023 6:50	46.0	0.0		1	0.0
11/21/2023 6:55	47.0	0.0		1	0.0
11/21/2023 7:00	47.0	0.0		1	0.0
11/21/2023 7:05	47.0	0.0		3	0.0
11/21/2023 7:10	48.0	0.0		3	0.0
11/21/2023 7:15	48.0	1.0	WNW	2	0.0
11/21/2023 7:20	48.0	0.0		1	0.0
11/21/2023 7:25	48.0	0.0		1	0.0
11/21/2023 7:30	48.0	0.0		1	0.0
11/21/2023 7:35	49.0	0.0		1	0.0
11/21/2023 7:40	49.0	0.0		1	0.0
11/21/2023 7:45	49.0	0.0		0	0.0

11/21/2023 7:50	49.0	0.0		0	0.0
11/21/2023 7:55	49.0	0.0		0	0.0
11/21/2023 8:00	49.0	0.0		0	0.0
11/21/2023 8:05	49.0	0.0		0	0.0
11/21/2023 8:10	50.0	0.0		0	0.0
11/21/2023 8:15	50.0	0.0		0	0.0
11/21/2023 8:20	50.0	0.0		0	0.0
11/21/2023 8:25	51.0	0.0		0	0.0
11/21/2023 8:30	51.0	0.0		0	0.0
11/21/2023 8:35	52.0	0.0		0	0.0
11/21/2023 8:40	52.0	0.0		0	0.0
11/21/2023 8:45	52.0	0.0		0	0.0
11/21/2023 8:50	52.0	0.0		0	0.0
11/21/2023 8:55	52.0	0.0		0	0.0
11/21/2023 9:00	53.0	0.0		0	0.0
11/21/2023 9:05	53.0	2.0	NNE	3	0.0
11/21/2023 9:10	53.0	2.0	NNE	4	0.0
11/21/2023 9:15	53.0	1.0	NNE	4	0.0
11/21/2023 9:20	53.0	1.0	NNE	4	0.0
11/21/2023 9:25	54.0	1.0	NNW	4	0.0
11/21/2023 9:30	54.0	1.0	NE	4	0.0
11/21/2023 9:35	54.0	0.0		0	0.0
11/21/2023 9:40	54.0	0.0		3	0.0
11/21/2023 9:45	55.0	2.0	NNE	3	0.0
11/21/2023 9:50	55.0	1.0	NNE	4	0.0
11/21/2023 9:55	56.0	0.0		1	0.0
11/21/2023 10:00	56.0	0.0		2	0.0
11/21/2023 10:05	57.0	0.0		2	0.0
11/21/2023 10:10	58.0	1.0	NNE	3	0.0
11/21/2023 10:15	59.0	1.0	NNE	3	0.0
11/21/2023 10:20	59.0	1.0	NNE	2	0.0
11/21/2023 10:25	59.0	0.0		1	0.0
11/21/2023 10:30	59.0	0.0		3	0.0
11/21/2023 10:35	60.0	2.0	NNE	4	0.0
11/21/2023 10:40	60.0	2.0	NNE	4	0.0
11/21/2023 10:45	60.0	2.0	NNE	7	0.0
11/21/2023 10:50	59.0	3.0	NNE	5	0.0
11/21/2023 10:55	59.0	3.0	NNE	6	0.0
11/21/2023 11:00	58.0	2.0	N	6	0.0
11/21/2023 11:05	58.0	3.0	N	5	0.0
11/21/2023 11:10	58.0	2.0	NNE	5	0.0
11/21/2023 11:15	58.0	3.0	N	5	0.0
11/21/2023 11:20	58.0	3.0	NNE	5	0.0
11/21/2023 11:25	58.0	2.0	NNE	5	0.0
11/21/2023 11:30	58.0	2.0	NNE	5	0.0
11/21/2023 11:35	58.0	2.0	NE	4	0.0
11/21/2023 11:40	58.0	2.0	NNE	4	0.0
11/21/2023 11:45	58.0	2.0	NNE	4	0.0
11/21/2023 11:50	58.0	2.0	NNE	4	0.0
11/21/2023 11:55	59.0	1.0	NNE	5	0.0
11/21/2023 12:00	59.0	1.0	NNE	3	0.0
11/21/2023 12:05	60.0	0.0		2	0.0
11/21/2023 12:10	60.0	1.0	NNW	3	0.0
11/21/2023 12:15	60.0	0.0		2	0.0
11/21/2023 12:20	61.0	1.0	NNW	3	0.0

11/21/2023 12:25	61.0	1.0	NNE	3	0.0
11/21/2023 12:30	61.0	1.0	NE	3	0.0
11/21/2023 12:35	62.0	1.0	NNE	3	0.0
11/21/2023 12:40	62.0	0.0		1	0.0
11/21/2023 12:45	62.0	0.0		2	0.0
11/21/2023 12:50	62.0	0.0		1	0.0
11/21/2023 12:55	63.0	0.0		1	0.0
11/21/2023 13:00	63.0	0.0		1	0.0
11/21/2023 13:05	64.0	1.0	NE	2	0.0
11/21/2023 13:10	64.0	1.0	NE	2	0.0
11/21/2023 13:15	64.0	2.0	ESE	5	0.0
11/21/2023 13:20	62.0	3.0	E	6	0.0
11/21/2023 13:25	61.0	2.0	ESE	4	0.0
11/21/2023 13:30	60.0	2.0	E	4	0.0
11/21/2023 13:35	60.0	1.0	ESE	2	0.0
11/21/2023 13:40	60.0	0.0		2	0.0
11/21/2023 13:45	60.0	1.0	E	3	0.0
11/21/2023 13:50	61.0	1.0	ENE	3	0.0
11/21/2023 13:55	62.0	2.0	NE	3	0.0
11/21/2023 14:00	62.0	2.0	ENE	4	0.0
11/21/2023 14:05	62.0	3.0	E	7	0.0
11/21/2023 14:10	61.0	2.0	ESE	6	0.0
11/21/2023 14:15	61.0	6.0	E	9	0.0
11/21/2023 14:20	60.0	5.0	E	8	0.0
11/21/2023 14:25	60.0	4.0	ESE	7	0.0
11/21/2023 14:30	60.0	5.0	ESE	8	0.0
11/21/2023 14:35	59.0	5.0	ESE	8	0.0
11/21/2023 14:40	59.0	4.0	E	7	0.0
11/21/2023 14:45	59.0	4.0	ESE	7	0.0
11/21/2023 14:50	59.0	4.0	ESE	7	0.0
11/21/2023 14:55	59.0	3.0	ESE	6	0.0
11/21/2023 15:00	59.0	3.0	ESE	5	0.0
11/21/2023 15:05	59.0	4.0	ESE	6	0.0
11/21/2023 15:10	60.0	5.0	ESE	8	0.0
11/21/2023 15:15	60.0	5.0	ESE	8	0.0
11/21/2023 15:20	60.0	4.0	ESE	8	0.0
11/21/2023 15:25	60.0	2.0	ESE	6	0.0
11/21/2023 15:30	60.0	3.0	ESE	6	0.0
11/21/2023 15:35	61.0	3.0	ESE	7	0.0
11/21/2023 15:40	61.0	3.0	ESE	4	0.0
11/21/2023 15:45	61.0	1.0	ESE	3	0.0
11/21/2023 15:50	61.0	1.0	ESE	4	0.0
11/21/2023 15:55	61.0	2.0	ESE	4	0.0
11/21/2023 16:00	61.0	2.0	ESE	4	0.0
11/21/2023 16:05	61.0	1.0	ESE	3	0.0
11/21/2023 16:10	61.0	1.0	ESE	4	0.0
11/21/2023 16:15	61.0	1.0	SSE	3	0.0
11/21/2023 16:20	61.0	1.0	ESE	3	0.0
11/21/2023 16:25	60.0	2.0	ESE	4	0.0
11/21/2023 16:30	60.0	2.0	ESE	4	0.0
11/21/2023 16:35	60.0	2.0	ESE	3	0.0
11/21/2023 16:40	60.0	2.0	ESE	3	0.0
11/21/2023 16:45	60.0	2.0	ESE	3	0.0
11/21/2023 16:50	59.0	2.0	ESE	3	0.0
11/21/2023 16:55	59.0	2.0	ESE	3	0.0

11/21/2023 17:00	59.0	2.0	ESE	4	0.0
11/21/2023 17:05	59.0	1.0	ESE	3	0.0
11/21/2023 17:10	59.0	1.0	ESE	3	0.0
11/21/2023 17:15	59.0	1.0	ESE	3	0.0
11/21/2023 17:20	58.0	0.0		2	0.0
11/21/2023 17:25	58.0	0.0		0	0.0
11/21/2023 17:30	58.0	0.0		0	0.0
11/21/2023 17:35	58.0	0.0		0	0.0
11/21/2023 17:40	58.0	0.0		0	0.0
11/21/2023 17:45	58.0	0.0		0	0.0
11/21/2023 17:50	58.0	0.0		0	0.0
11/21/2023 17:55	57.0	0.0		0	0.0
11/21/2023 18:00	57.0	0.0		0	0.0
11/22/2023 6:00	45.0	0.0		0	0.0
11/22/2023 6:05	45.0	0.0		0	0.0
11/22/2023 6:10	45.0	0.0		1	0.0
11/22/2023 6:15	45.0	0.0		0	0.0
11/22/2023 6:20	45.0	0.0		0	0.0
11/22/2023 6:25	45.0	0.0		1	0.0
11/22/2023 6:30	45.0	0.0		0	0.0
11/22/2023 6:35	45.0	0.0		1	0.0
11/22/2023 6:40	45.0	0.0		1	0.0
11/22/2023 6:45	45.0	0.0		0	0.0
11/22/2023 6:50	45.0	0.0		0	0.0
11/22/2023 6:55	45.0	0.0		0	0.0
11/22/2023 7:00	45.0	0.0		0	0.0
11/22/2023 7:05	45.0	0.0		0	0.0
11/22/2023 7:10	45.0	0.0		0	0.0
11/22/2023 7:15	45.0	0.0		0	0.0
11/22/2023 7:20	45.0	0.0		0	0.0
11/22/2023 7:25	45.0	0.0		0	0.0
11/22/2023 7:30	45.0	0.0		0	0.0
11/22/2023 7:35	46.0	0.0		0	0.0
11/22/2023 7:40	46.0	1.0	WSW	2	0.0
11/22/2023 7:45	47.0	0.0		2	0.0
11/22/2023 7:50	47.0	0.0		0	0.0
11/22/2023 7:55	48.0	0.0		0	0.0
11/22/2023 8:00	49.0	0.0		0	0.0
11/22/2023 8:05	50.0	1.0	WNW	2	0.0
11/22/2023 8:10	50.0	0.0		0	0.0
11/22/2023 8:15	50.0	0.0		0	0.0
11/22/2023 8:20	50.0	0.0		3	0.0
11/22/2023 8:25	50.0	1.0	WSW	3	0.0
11/22/2023 8:30	50.0	1.0	WSW	3	0.0
11/22/2023 8:35	51.0	0.0		1	0.0
11/22/2023 8:40	51.0	1.0	WNW	3	0.0
11/22/2023 8:45	52.0	1.0	WNW	3	0.0
11/22/2023 8:50	52.0	0.0		1	0.0
11/22/2023 8:55	53.0	1.0	N	3	0.0
11/22/2023 9:00	53.0	0.0		3	0.0
11/22/2023 9:05	54.0	1.0	NW	2	0.0
11/22/2023 9:10	54.0	0.0		2	0.0
11/22/2023 9:15	55.0	0.0		2	0.0
11/22/2023 9:20	56.0	1.0	NW	2	0.0
11/22/2023 9:25	56.0	0.0		2	0.0

11/22/2023 9:30	57.0	0.0		1	0.0
11/22/2023 9:35	57.0	0.0		1	0.0
11/22/2023 9:40	57.0	0.0		1	0.0
11/22/2023 9:45	58.0	0.0		1	0.0
11/22/2023 9:50	58.0	0.0		1	0.0
11/22/2023 9:55	58.0	0.0		1	0.0
11/22/2023 10:00	58.0	0.0		1	0.0
11/22/2023 10:05	58.0	0.0		1	0.0
11/22/2023 10:10	59.0	1.0	ESE	2	0.0
11/22/2023 10:15	59.0	0.0		1	0.0
11/22/2023 10:20	59.0	0.0		1	0.0
11/22/2023 10:25	60.0	0.0		2	0.0
11/22/2023 10:30	60.0	0.0		1	0.0
11/22/2023 10:35	61.0	0.0		2	0.0
11/22/2023 10:40	62.0	1.0	NNE	2	0.0
11/22/2023 10:45	62.0	1.0	NNE	4	0.0
11/22/2023 10:50	62.0	2.0	NNE	3	0.0
11/22/2023 10:55	62.0	2.0	NNE	5	0.0
11/22/2023 11:00	62.0	2.0	NE	4	0.0
11/22/2023 11:05	61.0	3.0	NE	5	0.0
11/22/2023 11:10	61.0	3.0	NNE	8	0.0
11/22/2023 11:15	60.0	3.0	ENE	8	0.0
11/22/2023 11:20	59.0	4.0	ENE	8	0.0
11/22/2023 11:25	59.0	3.0	NE	5	0.0
11/22/2023 11:30	59.0	5.0	ESE	9	0.0
11/22/2023 11:35	58.0	5.0	ESE	9	0.0
11/22/2023 11:40	58.0	3.0	ESE	6	0.0
11/22/2023 11:45	58.0	6.0	ESE	9	0.0
11/22/2023 11:50	58.0	5.0	ESE	9	0.0
11/22/2023 11:55	58.0	6.0	E	10	0.0
11/22/2023 12:00	58.0	3.0	ESE	7	0.0
11/22/2023 12:05	58.0	5.0	ESE	8	0.0
11/22/2023 12:10	58.0	5.0	E	9	0.0
11/22/2023 12:15	58.0	4.0	E	9	0.0
11/22/2023 12:20	59.0	4.0	E	7	0.0
11/22/2023 12:25	59.0	3.0	ENE	7	0.0
11/22/2023 12:30	59.0	4.0	E	7	0.0
11/22/2023 12:35	59.0	3.0	E	7	0.0
11/22/2023 12:40	60.0	4.0	E	8	0.0
11/22/2023 12:45	60.0	4.0	ENE	7	0.0
11/22/2023 12:50	60.0	3.0	ENE	7	0.0
11/22/2023 12:55	61.0	3.0	E	7	0.0
11/22/2023 13:00	61.0	3.0	ESE	7	0.0
11/22/2023 13:05	61.0	4.0	E	8	0.0
11/22/2023 13:10	61.0	3.0	ENE	6	0.0
11/22/2023 13:15	62.0	1.0	ENE	5	0.0
11/22/2023 13:20	62.0	2.0	ENE	4	0.0
11/22/2023 13:25	62.0	0.0		3	0.0
11/22/2023 13:30	63.0	1.0	ESE	3	0.0
11/22/2023 13:35	62.0	3.0	ESE	5	0.0
11/22/2023 13:40	62.0	4.0	ESE	8	0.0
11/22/2023 13:45	62.0	5.0	ESE	8	0.0
11/22/2023 13:50	61.0	5.0	E	8	0.0
11/22/2023 13:55	60.0	5.0	E	8	0.0
11/22/2023 14:00	60.0	4.0	ESE	9	0.0

11/22/2023 14:05	60.0	3.0	ESE	6	0.0
11/22/2023 14:10	60.0	3.0	E	6	0.0
11/22/2023 14:15	60.0	3.0	ESE	7	0.0
11/22/2023 14:20	60.0	3.0	ESE	6	0.0
11/22/2023 14:25	60.0	4.0	ESE	8	0.0
11/22/2023 14:30	61.0	5.0	ESE	8	0.0
11/22/2023 14:35	61.0	5.0	E	8	0.0
11/22/2023 14:40	61.0	2.0	ESE	4	0.0
11/22/2023 14:45	61.0	2.0	E	6	0.0
11/22/2023 14:50	61.0	2.0	E	4	0.0
11/22/2023 14:55	61.0	2.0	ESE	4	0.0
11/22/2023 15:00	61.0	3.0	ESE	7	0.0
11/22/2023 15:05	61.0	4.0	ESE	8	0.0
11/22/2023 15:10	61.0	2.0	ESE	4	0.0
11/22/2023 15:15	61.0	2.0	ESE	4	0.0
11/22/2023 15:20	61.0	1.0	ESE	3	0.0
11/22/2023 15:25	61.0	1.0	ESE	3	0.0
11/22/2023 15:30	61.0	0.0		3	0.0
11/22/2023 15:35	61.0	0.0		1	0.0
11/22/2023 15:40	61.0	0.0		2	0.0
11/22/2023 15:45	61.0	0.0		2	0.0
11/22/2023 15:50	61.0	0.0		1	0.0
11/22/2023 15:55	61.0	0.0		2	0.0
11/22/2023 16:00	61.0	0.0		1	0.0
11/22/2023 16:05	62.0	0.0		2	0.0
11/22/2023 16:10	62.0	0.0		2	0.0
11/22/2023 16:15	62.0	0.0		1	0.0
11/22/2023 16:20	62.0	0.0		1	0.0
11/22/2023 16:25	62.0	0.0		0	0.0
11/22/2023 16:30	62.0	0.0		1	0.0
11/22/2023 16:35	62.0	0.0		3	0.0
11/22/2023 16:40	62.0	2.0	ESE	3	0.0
11/22/2023 16:45	62.0	0.0		3	0.0
11/22/2023 16:50	62.0	0.0		1	0.0
11/22/2023 16:55	62.0	0.0		2	0.0
11/22/2023 17:00	61.0	0.0		1	0.0
11/22/2023 17:05	61.0	0.0		1	0.0
11/22/2023 17:10	61.0	0.0		0	0.0
11/22/2023 17:15	60.0	0.0		1	0.0
11/22/2023 17:20	60.0	0.0		0	0.0
11/22/2023 17:25	60.0	0.0		1	0.0
11/22/2023 17:30	60.0	0.0		1	0.0
11/22/2023 17:35	60.0	0.0		1	0.0
11/22/2023 17:40	60.0	0.0		1	0.0
11/22/2023 17:45	59.0	0.0		1	0.0
11/22/2023 17:50	59.0	0.0		0	0.0
11/22/2023 17:55	59.0	0.0		0	0.0
11/22/2023 18:00	59.0	0.0		2	0.0
11/27/2023 6:00	40.0	0.0		0	0.0
11/27/2023 6:05	40.0	0.0		0	0.0
11/27/2023 6:10	41.0	0.0		0	0.0
11/27/2023 6:15	40.0	0.0		0	0.0
11/27/2023 6:20	40.0	0.0		0	0.0
11/27/2023 6:25	40.0	0.0		0	0.0
11/27/2023 6:30	40.0	0.0		0	0.0

11/27/2023 6:35	40.0	0.0		0	0.0
11/27/2023 6:40	40.0	0.0		0	0.0
11/27/2023 6:45	40.0	0.0		0	0.0
11/27/2023 6:50	40.0	0.0		0	0.0
11/27/2023 6:55	40.0	0.0		0	0.0
11/27/2023 7:00	40.0	0.0		0	0.0
11/27/2023 7:05	40.0	0.0		1	0.0
11/27/2023 7:10	40.0	0.0		0	0.0
11/27/2023 7:15	40.0	0.0		0	0.0
11/27/2023 7:20	40.0	0.0		0	0.0
11/27/2023 7:25	41.0	0.0		0	0.0
11/27/2023 7:30	41.0	0.0		0	0.0
11/27/2023 7:35	42.0	0.0		0	0.0
11/27/2023 7:40	42.0	0.0		0	0.0
11/27/2023 7:45	43.0	0.0		0	0.0
11/27/2023 7:50	44.0	0.0		0	0.0
11/27/2023 7:55	44.0	0.0		0	0.0
11/27/2023 8:00	45.0	0.0		0	0.0
11/27/2023 8:05	45.0	0.0		0	0.0
11/27/2023 8:10	46.0	0.0		0	0.0
11/27/2023 8:15	46.0	0.0		0	0.0
11/27/2023 8:20	46.0	0.0		0	0.0
11/27/2023 8:25	46.0	0.0		0	0.0
11/27/2023 8:30	47.0	0.0		0	0.0
11/27/2023 8:35	47.0	0.0		0	0.0
11/27/2023 8:40	47.0	0.0		0	0.0
11/27/2023 8:45	47.0	0.0		0	0.0
11/27/2023 8:50	48.0	0.0		0	0.0
11/27/2023 8:55	48.0	0.0		0	0.0
11/27/2023 9:00	49.0	0.0		0	0.0
11/27/2023 9:05	49.0	0.0		0	0.0
11/27/2023 9:10	49.0	0.0		0	0.0
11/27/2023 9:15	49.0	1.0	NNE	3	0.0
11/27/2023 9:20	50.0	2.0	NNE	5	0.0
11/27/2023 9:25	50.0	1.0	NNE	3	0.0
11/27/2023 9:30	50.0	2.0	NNE	4	0.0
11/27/2023 9:35	50.0	2.0	NNE	4	0.0
11/27/2023 9:40	50.0	2.0	NNE	4	0.0
11/27/2023 9:45	50.0	3.0	NNE	5	0.0
11/27/2023 9:50	51.0	1.0	NNE	4	0.0
11/27/2023 9:55	51.0	2.0	NNE	5	0.0
11/27/2023 10:00	51.0	2.0	NE	5	0.0
11/27/2023 10:05	51.0	2.0	ENE	4	0.0
11/27/2023 10:10	51.0	2.0	NNE	5	0.0
11/27/2023 10:15	52.0	2.0	NNE	6	0.0
11/27/2023 10:20	52.0	1.0	NNW	4	0.0
11/27/2023 10:25	53.0	1.0	NNE	3	0.0
11/27/2023 10:30	53.0	0.0		2	0.0
11/27/2023 10:35	54.0	0.0		2	0.0
11/27/2023 10:40	54.0	0.0		2	0.0
11/27/2023 10:45	54.0	0.0		3	0.0
11/27/2023 10:50	54.0	0.0		1	0.0
11/27/2023 10:55	55.0	0.0		1	0.0
11/27/2023 11:00	56.0	0.0		2	0.0
11/27/2023 11:05	56.0	2.0	ESE	4	0.0

11/27/2023 11:10	56.0	0.0		3	0.0
11/27/2023 11:15	56.0	0.0		1	0.0
11/27/2023 11:20	56.0	1.0	NE	3	0.0
11/27/2023 11:25	57.0	0.0		2	0.0
11/27/2023 11:30	57.0	1.0	ESE	2	0.0
11/27/2023 11:35	58.0	0.0		2	0.0
11/27/2023 11:40	58.0	1.0	ESE	3	0.0
11/27/2023 11:45	58.0	0.0		2	0.0
11/27/2023 11:50	59.0	1.0	N	3	0.0
11/27/2023 11:55	60.0	0.0		2	0.0
11/27/2023 12:00	60.0	1.0	NE	3	0.0
11/27/2023 12:05	60.0	2.0	ENE	6	0.0
11/27/2023 12:10	60.0	5.0	ENE	8	0.0
11/27/2023 12:15	58.0	4.0	ENE	7	0.0
11/27/2023 12:20	58.0	3.0	ESE	7	0.0
11/27/2023 12:25	57.0	3.0	E	7	0.0
11/27/2023 12:30	57.0	3.0	ENE	7	0.0
11/27/2023 12:35	58.0	3.0	E	7	0.0
11/27/2023 12:40	58.0	4.0	E	8	0.0
11/27/2023 12:45	57.0	3.0	E	8	0.0
11/27/2023 12:50	57.0	5.0	E	8	0.0
11/27/2023 12:55	56.0	4.0	E	7	0.0
11/27/2023 13:00	56.0	3.0	ESE	7	0.0
11/27/2023 13:05	57.0	5.0	E	8	0.0
11/27/2023 13:10	56.0	6.0	ESE	9	0.0
11/27/2023 13:15	56.0	5.0	E	10	0.0
11/27/2023 13:20	56.0	4.0	ESE	9	0.0
11/27/2023 13:25	56.0	5.0	E	9	0.0
11/27/2023 13:30	56.0	4.0	ESE	8	0.0
11/27/2023 13:35	57.0	4.0	E	9	0.0
11/27/2023 13:40	57.0	6.0	ESE	9	0.0
11/27/2023 13:45	56.0	5.0	ESE	7	0.0
11/27/2023 13:50	57.0	4.0	E	8	0.0
11/27/2023 13:55	57.0	4.0	E	8	0.0
11/27/2023 14:00	57.0	4.0	ESE	7	0.0
11/27/2023 14:05	58.0	3.0	E	7	0.0
11/27/2023 14:10	58.0	2.0	S	5	0.0
11/27/2023 14:15	59.0	2.0	ESE	6	0.0
11/27/2023 14:20	59.0	3.0	ESE	7	0.0
11/27/2023 14:25	60.0	3.0	ESE	7	0.0
11/27/2023 14:30	59.0	5.0	E	9	0.0
11/27/2023 14:35	59.0	4.0	ESE	9	0.0
11/27/2023 14:40	59.0	4.0	E	8	0.0
11/27/2023 14:45	58.0	5.0	ESE	8	0.0
11/27/2023 14:50	58.0	4.0	E	8	0.0
11/27/2023 14:55	58.0	4.0	E	8	0.0
11/27/2023 15:00	58.0	5.0	E	9	0.0
11/27/2023 15:05	58.0	6.0	ESE	10	0.0
11/27/2023 15:10	58.0	5.0	ESE	10	0.0
11/27/2023 15:15	58.0	5.0	E	9	0.0
11/27/2023 15:20	59.0	3.0	ESE	7	0.0
11/27/2023 15:25	59.0	2.0	ESE	6	0.0
11/27/2023 15:30	60.0	2.0	ESE	6	0.0
11/27/2023 15:35	60.0	2.0	E	4	0.0
11/27/2023 15:40	61.0	1.0	NE	3	0.0



11/27/2023 15:45	62.0	3.0	SSW	9	0.0
11/27/2023 15:50	62.0	3.0	SW	9	0.0
11/27/2023 15:55	63.0	2.0	SW	6	0.0
11/27/2023 16:00	63.0	3.0	WSW	8	0.0
11/27/2023 16:05	64.0	3.0	SW	9	0.0
11/27/2023 16:10	63.0	3.0	SW	7	0.0
11/27/2023 16:15	63.0	2.0	SW	4	0.0
11/27/2023 16:20	63.0	2.0	SW	5	0.0
11/27/2023 16:25	63.0	2.0	SSW	6	0.0
11/27/2023 16:30	62.0	2.0	SW	10	0.0
11/27/2023 16:35	62.0	2.0	SW	6	0.0
11/27/2023 16:40	62.0	3.0	SW	10	0.0
11/27/2023 16:45	61.0	1.0	W	6	0.0
11/27/2023 16:50	61.0	1.0	WSW	5	0.0
11/27/2023 16:55	60.0	1.0	W	3	0.0
11/27/2023 17:00	60.0	1.0	SW	3	0.0
11/27/2023 17:05	60.0	1.0	WSW	3	0.0
11/27/2023 17:10	59.0	0.0		1	0.0
11/27/2023 17:15	59.0	0.0		1	0.0
11/27/2023 17:20	59.0	1.0	SSW	3	0.0
11/27/2023 17:25	58.0	1.0	SSW	3	0.0
11/27/2023 17:30	58.0	1.0	SSW	3	0.0
11/27/2023 17:35	58.0	1.0	SSW	3	0.0
11/27/2023 17:40	58.0	1.0	SSW	4	0.0
11/27/2023 17:45	57.0	1.0	SSW	4	0.0
11/27/2023 17:50	57.0	1.0	SW	3	0.0
11/27/2023 17:55	57.0	0.0		3	0.0
11/27/2023 18:00	57.0	0.0		1	0.0
11/28/2023 6:00	42.0	0.0		0	0.0
11/28/2023 6:05	42.0	0.0		0	0.0
11/28/2023 6:10	42.0	0.0		0	0.0
11/28/2023 6:15	42.0	0.0		0	0.0
11/28/2023 6:20	42.0	0.0		0	0.0
11/28/2023 6:25	42.0	0.0		0	0.0
11/28/2023 6:30	42.0	0.0		0	0.0
11/28/2023 6:35	43.0	0.0		0	0.0
11/28/2023 6:40	43.0	0.0		0	0.0
11/28/2023 6:45	43.0	0.0		0	0.0
11/28/2023 6:50	42.0	0.0		0	0.0
11/28/2023 6:55	42.0	0.0		0	0.0
11/28/2023 7:00	42.0	0.0		0	0.0
11/28/2023 7:05	42.0	0.0		0	0.0
11/28/2023 7:10	42.0	0.0		0	0.0
11/28/2023 7:15	42.0	0.0		0	0.0
11/28/2023 7:20	42.0	0.0		0	0.0
11/28/2023 7:25	42.0	0.0		0	0.0
11/28/2023 7:30	42.0	0.0		0	0.0
11/28/2023 7:35	43.0	0.0		0	0.0
11/28/2023 7:40	43.0	0.0		0	0.0
11/28/2023 7:45	44.0	0.0		0	0.0
11/28/2023 7:50	44.0	0.0		0	0.0
11/28/2023 7:55	44.0	0.0		0	0.0
11/28/2023 8:00	45.0	0.0		0	0.0
11/28/2023 8:05	46.0	0.0		0	0.0
11/28/2023 8:10	46.0	0.0		0	0.0

11/28/2023 8:15	46.0	0.0		0	0.0
11/28/2023 8:20	47.0	0.0		0	0.0
11/28/2023 8:25	47.0	0.0		0	0.0
11/28/2023 8:30	47.0	0.0		0	0.0
11/28/2023 8:35	48.0	0.0		0	0.0
11/28/2023 8:40	48.0	0.0		0	0.0
11/28/2023 8:45	49.0	0.0		0	0.0
11/28/2023 8:50	49.0	0.0		0	0.0
11/28/2023 8:55	50.0	0.0		0	0.0
11/28/2023 9:00	50.0	0.0		3	0.0
11/28/2023 9:05	50.0	1.0	NNE	3	0.0
11/28/2023 9:10	50.0	1.0	NNE	4	0.0
11/28/2023 9:15	50.0	1.0	NNE	3	0.0
11/28/2023 9:20	50.0	1.0	NNE	2	0.0
11/28/2023 9:25	50.0	0.0		0	0.0
11/28/2023 9:30	51.0	0.0		0	0.0
11/28/2023 9:35	51.0	1.0	NE	3	0.0
11/28/2023 9:40	51.0	0.0		2	0.0
11/28/2023 9:45	52.0	0.0		3	0.0
11/28/2023 9:50	52.0	0.0		2	0.0
11/28/2023 9:55	53.0	1.0	NNE	3	0.0
11/28/2023 10:00	53.0	1.0	NNW	2	0.0
11/28/2023 10:05	54.0	0.0		2	0.0
11/28/2023 10:10	54.0	0.0		0	0.0
11/28/2023 10:15	54.0	0.0		0	0.0
11/28/2023 10:20	54.0	0.0		2	0.0
11/28/2023 10:25	54.0	0.0		2	0.0
11/28/2023 10:30	55.0	1.0	ENE	3	0.0
11/28/2023 10:35	55.0	1.0	NNE	3	0.0
11/28/2023 10:40	55.0	0.0		1	0.0
11/28/2023 10:45	56.0	0.0		1	0.0
11/28/2023 10:50	56.0	0.0		0	0.0
11/28/2023 10:55	57.0	0.0		0	0.0
11/28/2023 11:00	58.0	0.0		2	0.0
11/28/2023 11:05	58.0	1.0	NE	4	0.0
11/28/2023 11:10	58.0	4.0	ENE	9	0.0
11/28/2023 11:15	56.0	4.0	ENE	8	0.0
11/28/2023 11:20	55.0	4.0	NE	9	0.0
11/28/2023 11:25	55.0	3.0	ENE	6	0.0
11/28/2023 11:30	55.0	3.0	NE	6	0.0
11/28/2023 11:35	55.0	2.0	NE	7	0.0
11/28/2023 11:40	56.0	2.0	NE	5	0.0
11/28/2023 11:45	56.0	2.0	ENE	6	0.0
11/28/2023 11:50	56.0	2.0	E	4	0.0
11/28/2023 11:55	56.0	3.0	ESE	6	0.0
11/28/2023 12:00	56.0	4.0	E	7	0.0
11/28/2023 12:05	56.0	4.0	E	7	0.0
11/28/2023 12:10	56.0	2.0	ESE	5	0.0
11/28/2023 12:15	56.0	4.0	ESE	6	0.0
11/28/2023 12:20	56.0	3.0	E	6	0.0
11/28/2023 12:25	56.0	3.0	E	6	0.0
11/28/2023 12:30	57.0	3.0	E	6	0.0
11/28/2023 12:35	57.0	3.0	E	5	0.0
11/28/2023 12:40	58.0	2.0	ENE	5	0.0
11/28/2023 12:45	58.0	4.0	ENE	7	0.0

11/28/2023 12:50	58.0	4.0	ENE	8	0.0
11/28/2023 12:55	58.0	2.0	E	5	0.0
11/28/2023 13:00	58.0	3.0	E	7	0.0
11/28/2023 13:05	58.0	3.0	E	7	0.0
11/28/2023 13:10	58.0	4.0	ENE	7	0.0
11/28/2023 13:15	58.0	5.0	E	7	0.0
11/28/2023 13:20	57.0	3.0	E	6	0.0
11/28/2023 13:25	57.0	2.0	ESE	4	0.0
11/28/2023 13:30	57.0	2.0	E	4	0.0
11/28/2023 13:35	58.0	2.0	ENE	4	0.0
11/28/2023 13:40	59.0	3.0	E	6	0.0
11/28/2023 13:45	59.0	4.0	ESE	7	0.0
11/28/2023 13:50	59.0	3.0	ESE	7	0.0
11/28/2023 13:55	59.0	2.0	E	4	0.0
11/28/2023 14:00	59.0	3.0	E	6	0.0
11/28/2023 14:05	60.0	3.0	E	7	0.0
11/28/2023 14:10	60.0	4.0	ESE	8	0.0
11/28/2023 14:15	60.0	5.0	E	9	0.0
11/28/2023 14:20	59.0	4.0	ESE	8	0.0
11/28/2023 14:25	60.0	4.0	E	7	0.0
11/28/2023 14:30	60.0	5.0	ESE	8	0.0
11/28/2023 14:35	60.0	4.0	E	8	0.0
11/28/2023 14:40	60.0	3.0	ESE	8	0.0
11/28/2023 14:45	60.0	2.0	ESE	6	0.0
11/28/2023 14:50	60.0	4.0	ESE	6	0.0
11/28/2023 14:55	60.0	5.0	ESE	7	0.0
11/28/2023 15:00	60.0	5.0	ESE	9	0.0
11/28/2023 15:05	61.0	4.0	ESE	7	0.0
11/28/2023 15:10	61.0	3.0	ESE	7	0.0
11/28/2023 15:15	62.0	5.0	ESE	8	0.0
11/28/2023 15:20	62.0	4.0	ESE	7	0.0
11/28/2023 15:25	62.0	4.0	ESE	6	0.0
11/28/2023 15:30	62.0	2.0	ESE	5	0.0
11/28/2023 15:35	62.0	3.0	ESE	5	0.0
11/28/2023 15:40	62.0	3.0	ESE	6	0.0
11/28/2023 15:45	62.0	3.0	ESE	6	0.0
11/28/2023 15:50	62.0	3.0	ESE	7	0.0
11/28/2023 15:55	62.0	4.0	ESE	7	0.0
11/28/2023 16:00	62.0	5.0	E	10	0.0
11/28/2023 16:05	62.0	5.0	ESE	9	0.0
11/28/2023 16:10	60.0	5.0	ESE	8	0.0
11/28/2023 16:15	60.0	5.0	ESE	8	0.0
11/28/2023 16:20	60.0	4.0	ESE	7	0.0
11/28/2023 16:25	60.0	3.0	ESE	7	0.0
11/28/2023 16:30	60.0	2.0	ESE	6	0.0
11/28/2023 16:35	60.0	1.0	SSE	3	0.0
11/28/2023 16:40	60.0	1.0	SSE	3	0.0
11/28/2023 16:45	59.0	1.0	SE	3	0.0
11/28/2023 16:50	59.0	0.0		2	0.0
11/28/2023 16:55	59.0	0.0		2	0.0
11/28/2023 17:00	59.0	0.0		2	0.0
11/28/2023 17:05	59.0	0.0		2	0.0
11/28/2023 17:10	58.0	0.0		0	0.0
11/28/2023 17:15	58.0	0.0		1	0.0
11/28/2023 17:20	58.0	0.0		1	0.0

11/28/2023 17:25	58.0	0.0		0	0.0
11/28/2023 17:30	58.0	0.0		0	0.0
11/28/2023 17:35	58.0	0.0		0	0.0
11/28/2023 17:40	58.0	0.0		0	0.0
11/28/2023 17:45	58.0	0.0		0	0.0
11/28/2023 17:50	58.0	0.0		0	0.0
11/28/2023 17:55	58.0	0.0		2	0.0
11/28/2023 18:00	57.0	0.0		2	0.0
12/11/2023 6:00	40.0	0.0		3	0.0
12/11/2023 6:05	40.0	0.0		1	0.0
12/11/2023 6:10	40.0	0.0		0	0.0
12/11/2023 6:15	40.0	0.0		1	0.0
12/11/2023 6:20	40.0	0.0		1	0.0
12/11/2023 6:25	40.0	0.0		1	0.0
12/11/2023 6:30	40.0	0.0		0	0.0
12/11/2023 6:35	40.0	0.0		0	0.0
12/11/2023 6:40	40.0	0.0		0	0.0
12/11/2023 6:45	40.0	0.0		0	0.0
12/11/2023 6:50	40.0	0.0		0	0.0
12/11/2023 6:55	40.0	0.0		0	0.0
12/11/2023 7:00	40.0	0.0		0	0.0
12/11/2023 7:05	40.0	0.0		0	0.0
12/11/2023 7:10	40.0	0.0		0	0.0
12/11/2023 7:15	40.0	0.0		0	0.0
12/11/2023 7:20	40.0	0.0		0	0.0
12/11/2023 7:25	41.0	0.0		0	0.0
12/11/2023 7:30	41.0	0.0		0	0.0
12/11/2023 7:35	41.0	0.0		0	0.0
12/11/2023 7:40	41.0	0.0		3	0.0
12/11/2023 7:45	41.0	0.0		3	0.0
12/11/2023 7:50	42.0	0.0		1	0.0
12/11/2023 7:55	42.0	0.0		1	0.0
12/11/2023 8:00	42.0	0.0		1	0.0
12/11/2023 8:05	43.0	0.0		0	0.0
12/11/2023 8:10	44.0	0.0		0	0.0
12/11/2023 8:15	44.0	0.0		0	0.0
12/11/2023 8:20	44.0	0.0		0	0.0
12/11/2023 8:25	45.0	0.0		0	0.0
12/11/2023 8:30	45.0	0.0		0	0.0
12/11/2023 8:35	46.0	0.0		0	0.0
12/11/2023 8:40	46.0	0.0		0	0.0
12/11/2023 8:45	46.0	0.0		0	0.0
12/11/2023 8:50	47.0	0.0		0	0.0
12/11/2023 8:55	47.0	0.0		0	0.0
12/11/2023 9:00	48.0	0.0		0	0.0
12/11/2023 9:05	49.0	0.0		0	0.0
12/11/2023 9:10	50.0	0.0		0	0.0
12/11/2023 9:15	50.0	0.0		0	0.0
12/11/2023 9:20	51.0	1.0	WSW	2	0.0
12/11/2023 9:25	51.0	0.0		2	0.0
12/11/2023 9:30	51.0	0.0		2	0.0
12/11/2023 9:35	51.0	0.0		2	0.0
12/11/2023 9:40	52.0	0.0		1	0.0
12/11/2023 9:45	52.0	0.0		1	0.0
12/11/2023 9:50	53.0	0.0		1	0.0

12/11/2023 9:55	53.0	0.0		0	0.0
12/11/2023 10:00	53.0	0.0		0	0.0
12/11/2023 10:05	54.0	0.0		0	0.0
12/11/2023 10:10	54.0	1.0	NNE	2	0.0
12/11/2023 10:15	54.0	1.0	ENE	2	0.0
12/11/2023 10:20	53.0	0.0		2	0.0
12/11/2023 10:25	54.0	1.0	NNE	3	0.0
12/11/2023 10:30	54.0	0.0		2	0.0
12/11/2023 10:35	54.0	1.0	NNE	3	0.0
12/11/2023 10:40	54.0	1.0	ENE	3	0.0
12/11/2023 10:45	54.0	1.0	NNE	3	0.0
12/11/2023 10:50	54.0	2.0	NNE	3	0.0
12/11/2023 10:55	54.0	2.0	NNE	3	0.0
12/11/2023 11:00	54.0	2.0	NNE	4	0.0
12/11/2023 11:05	54.0	1.0	NNE	3	0.0
12/11/2023 11:10	54.0	1.0	NNE	5	0.0
12/11/2023 11:15	54.0	2.0	NNE	4	0.0
12/11/2023 11:20	54.0	1.0	NNE	4	0.0
12/11/2023 11:25	54.0	1.0	NE	3	0.0
12/11/2023 11:30	54.0	2.0	NNE	3	0.0
12/11/2023 11:35	54.0	2.0	NNE	4	0.0
12/11/2023 11:40	55.0	2.0	NNE	4	0.0
12/11/2023 11:45	55.0	1.0	ENE	4	0.0
12/11/2023 11:50	55.0	2.0	ENE	3	0.0
12/11/2023 11:55	55.0	1.0	N	3	0.0
12/11/2023 12:00	55.0	1.0	NNE	3	0.0
12/11/2023 12:05	55.0	2.0	ENE	4	0.0
12/11/2023 12:10	55.0	1.0	NNE	4	0.0
12/11/2023 12:15	55.0	3.0	NNE	5	0.0
12/11/2023 12:20	55.0	2.0	ENE	5	0.0
12/11/2023 12:25	55.0	2.0	ENE	4	0.0
12/11/2023 12:30	55.0	2.0	NE	4	0.0
12/11/2023 12:35	55.0	1.0	NNE	3	0.0
12/11/2023 12:40	56.0	2.0	NNE	4	0.0
12/11/2023 12:45	56.0	1.0	E	4	0.0
12/11/2023 12:50	57.0	2.0	ENE	4	0.0
12/11/2023 12:55	56.0	4.0	ESE	6	0.0
12/11/2023 13:00	55.0	4.0	ESE	7	0.0
12/11/2023 13:05	55.0	4.0	ESE	7	0.0
12/11/2023 13:10	55.0	4.0	ESE	7	0.0
12/11/2023 13:15	55.0	4.0	ESE	8	0.0
12/11/2023 13:20	54.0	4.0	ESE	7	0.0
12/11/2023 13:25	55.0	4.0	ESE	7	0.0
12/11/2023 13:30	55.0	4.0	ESE	6	0.0
12/11/2023 13:35	55.0	2.0	ESE	5	0.0
12/11/2023 13:40	55.0	2.0	ESE	4	0.0
12/11/2023 13:45	56.0	2.0	E	4	0.0
12/11/2023 13:50	56.0	3.0	ESE	6	0.0
12/11/2023 13:55	57.0	4.0	ESE	6	0.0
12/11/2023 14:00	57.0	3.0	ESE	5	0.0
12/11/2023 14:05	57.0	3.0	ESE	5	0.0
12/11/2023 14:10	57.0	3.0	ESE	6	0.0
12/11/2023 14:15	57.0	3.0	ESE	6	0.0
12/11/2023 14:20	57.0	3.0	E	6	0.0
12/11/2023 14:25	57.0	3.0	ENE	5	0.0

12/11/2023 14:30	58.0	4.0	E	7	0.0
12/11/2023 14:35	58.0	2.0	E	5	0.0
12/11/2023 14:40	58.0	2.0	ESE	4	0.0
12/11/2023 14:45	58.0	3.0	ESE	6	0.0
12/11/2023 14:50	58.0	3.0	ESE	5	0.0
12/11/2023 14:55	58.0	3.0	ESE	6	0.0
12/11/2023 15:00	58.0	5.0	ESE	7	0.0
12/11/2023 15:05	58.0	5.0	E	7	0.0
12/11/2023 15:10	58.0	4.0	E	7	0.0
12/11/2023 15:15	58.0	4.0	E	7	0.0
12/11/2023 15:20	58.0	3.0	ESE	7	0.0
12/11/2023 15:25	57.0	5.0	ESE	7	0.0
12/11/2023 15:30	57.0	4.0	ESE	7	0.0
12/11/2023 15:35	57.0	2.0	ESE	6	0.0
12/11/2023 15:40	57.0	1.0	ESE	4	0.0
12/11/2023 15:45	57.0	1.0	ESE	2	0.0
12/11/2023 15:50	57.0	1.0	ESE	3	0.0
12/11/2023 15:55	58.0	1.0	SE	3	0.0
12/11/2023 16:00	58.0	2.0	ESE	6	0.0
12/11/2023 16:05	58.0	3.0	ESE	7	0.0
12/11/2023 16:10	58.0	2.0	ESE	4	0.0
12/11/2023 16:15	58.0	3.0	ESE	6	0.0
12/11/2023 16:20	58.0	2.0	ESE	4	0.0
12/11/2023 16:25	58.0	0.0		2	0.0
12/11/2023 16:30	58.0	0.0		2	0.0
12/11/2023 16:35	58.0	1.0	ESE	4	0.0
12/11/2023 16:40	58.0	3.0	ESE	6	0.0
12/11/2023 16:45	58.0	3.0	ESE	6	0.0
12/11/2023 16:50	57.0	3.0	ESE	6	0.0
12/11/2023 16:55	57.0	3.0	ESE	7	0.0
12/11/2023 17:00	56.0	3.0	ESE	6	0.0
12/11/2023 17:05	56.0	2.0	ESE	4	0.0
12/11/2023 17:10	56.0	3.0	ESE	4	0.0
12/11/2023 17:15	56.0	3.0	ESE	5	0.0
12/11/2023 17:20	56.0	4.0	ESE	7	0.0
12/11/2023 17:25	56.0	3.0	ESE	7	0.0
12/11/2023 17:30	56.0	5.0	ESE	7	0.0
12/11/2023 17:35	56.0	5.0	ESE	8	0.0
12/11/2023 17:40	56.0	5.0	ESE	10	0.0
12/11/2023 17:45	56.0	6.0	ESE	10	0.0
12/11/2023 17:50	56.0	5.0	ESE	9	0.0
12/11/2023 17:55	56.0	5.0	ESE	8	0.0
12/11/2023 18:00	55.0	5.0	ESE	8	0.0

\*Data collected from Ox Mountain's onsite Davis Instruments weather station

MPH - miles per hour    °F - Fahrenheit    N/A - Not Applicable    N - North    W - West    E - East  
S - South    WSW - West Southwest    NNW - North Northwest  
NE - Northeast    ENE - East Northeast    NNE - North Northeast  
SE - Southeast    ESE - East 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:
10/16/2023, 8:00AM	1	1	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
10/16/2023, 8:15AM	1	1	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
10/16/2023, 8:30AM	0	0	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
10/16/2023, 8:45AM	1	1	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
10/16/2023, 9:00AM	1	2	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
10/16/2023, 9:15AM	2	2	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
10/16/2023, 9:30AM	1	2	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
10/16/2023, 9:45AM	2	3	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
10/16/2023, 10:00AM	2	2	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
10/16/2023, 10:15AM	2	3	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
10/16/2023, 10:30AM	3	3	N	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
MPH - miles per hour	N - North	W - West	E - East	S - South	



## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
10/23/2023,11.30AM	1.3	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
10/23/2023,11.45AM	2.4	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
10/23/2023,12.00PM	0	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
10/23/2023,12.15PM	1	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
10/23/2023,12.30PM	0	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
10/23/2023,12.45PM	2.3	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
10/23/23,1.00PM	1.2	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
10/23/23,1.15PM	1.4	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
10/23/2023,1.30PM	1.4	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
10/23/2023,1.45PM	0	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
MPH - miles per hour	N - North	W - West	E - East	S - South	

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
10/24/2023, 9.00AM	0	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
10/24/2023, 9.15AM	0	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45119
10/24/2023, 9.30AM	0	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45120
10/24/2023, 9.45AM	0.3	2	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45121
10/24/2023, 10.00AM	0	2	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
10/24/2023, 10.15AM	1.5	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
10/24/2023, 10.30AM	0.4	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
10/24/2023, 10.45AM	0.6	2	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
10/24/2023, 11.00AM	0.8	2	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
10/24/2023, 11.15AM	0	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
10/24/2023, 11.30AM	0.1	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
10/24/2023, 1.00PM	0.4	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
10/24/2023, 1.15PM	0	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
10/24/2023, 1.30PM	0.1	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
10/24/2023, 1.45PM	0.9	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
10/24/2023, 2.00PM	3.6	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
10/24/2023, 2.15PM	0	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
10/24/2023, 2.30PM	0	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
10/24/2023, 2.45PM	0.3	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
10/24/2023, 3.00PM	0.4	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
10/24/2023, 3.15PM	0.1	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
10/24/2023, 3.30PM	0	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
10/24/2023, 4.00PM	0	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140

MPH - miles per hour

N - North

W - West

E - East

S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
10/26/2023, 8.00AM	2.3	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
10/26/2023, 8.15AM	3	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45119
10/26/2023, 8.30AM	0	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45120
10/26/2023, 8.45AM	0.9	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45121
10/26/2023, 9.00AM	0.5	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
10/26/2023, 9.15AM	1.5	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
10/26/2023, 9.30AM	0.4	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
10/26/2023, 9.45AM	0.6	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
10/26/2023, 10.00AM	0.3	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
10/26/2023, 10.15AM	4.8	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
10/26/2023, 10.30AM	0.1	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
10/26/2023, 10.45AM	0.4	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
10/26/2023, 11.00AM	0	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
10/26/2023, 11.15AM	2.4	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
10/26/2023, 11.30AM	3	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
10/26/2023, 11.45AM	3.6	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
10/26/2023, 12.00 PM	2.2	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
10/26/2023, 12.15PM	0.4	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
10/26/2023, 12.30PM	1.1	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
10/26/2023, 12.45PM	0.4	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
10/26/2023, 1.00PM	0.1	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
10/26/2023, 1.15PM	0	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
10/26/2023, 1.30PM	1.3	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
10/26/2023, 1.45PM	1.3	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
10/26/2023, 2.00PM	0.3	9	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
10/26/2023, 2.15PM	0	9	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
10/26/2023, 2.30PM	1.8	9	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144
10/26/2023, 2.45PM	0.9	9	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45145
10/26/2023, 3.00PM	1.8	9	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45146
10/26/2023, 3.15PM	0.6	9	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45147

MPH - miles per hour      N - North      W - West      E - East      S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
10/27/2023, 1:30PM	0.6	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
10/27/2023, 1:45PM	0.5	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
10/27/2023, 2:00PM	1	9	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
10/27/2023, 2:15PM	0	9	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
10/27/2023, 2:30PM	1.8	9	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144
10/27/2023, 2:45PM	0.9	9	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45145
10/27/2023, 3:00PM	1.8	9	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45146
10/27/2023, 3:15PM	1	10	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45147
10/27/2023, 3:30PM	1.7	10	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45148
10/27/2023, 3:45PM	2.4	10	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45149
10/27/2023, 4:00PM	3.2	12	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45150
10/27/2023, 4:15PM	3.2	12	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45151
10/27/2023, 4:30PM	3.4	12	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45152
10/27/2023, 5:00PM	5	12	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45153
10/27/2023, 5:15PM	5	12	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45154

MPH - miles per hour      N - North      W - West      E - East      S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
10/30/2023, 9.30AM	0.5	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
10/30/2023, 9.45AM	1.2	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45119
10/30/2023, 10.00AM	0	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45120
10/30/2023, 10.15AM	0.9	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45121
10/30/2023, 10.30AM	0.5	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
10/30/2023, 10.45AM	1.5	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
10/30/2023, 11.00AM	2.9	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
10/30/2023, 11.15AM	0.6	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
10/30/2023, 11.30AM	0.3	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
10/30/2023, 11.45AM	1.7	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
10/30/2023, 12.00PM	0.1	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
10/30/2023, 12.15PM	0.4	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
10/30/2023, 12.30PM	2.3	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
10/30/2023, 12.45PM	3.1	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
10/30/2023, 1.00PM	3	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
10/30/2023, 1.15PM	3.5	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
10/30/2023, 1.30PM	2.2	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
10/30/2023, 1.45PM	0.4	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
10/30/2023, 2.00PM	1.1	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
10/30/2023, 2.15PM	0	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
10/30/2023, 2.30PM	0.1	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
10/30/2023, 2.45PM	2.3	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
10/30/2023, 3.00PM	1.3	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
10/30/2023, 3.15PM	2.1	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
10/30/2023, 3.30PM	0.3	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
10/30/2023, 3.45PM	0	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
10/30/2023, 4.00PM	1.8	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144
10/30/2023, 4.15PM	0.9	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45145

S - South

E - East

W - West

N - North

MPH - miles per hour



## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
10/31/2023, 8.30AM	1.2	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
10/31/2023, 8.45AM	2	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45119
10/31/2023, 9.00AM	3	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45120
10/31/2023, 9.15AM	2.2	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45121
10/31/2023, 9.30AM	0.5	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
10/31/2023, 9.45AM	1.5	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
10/31/2023, 10.00AM	2.9	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
10/31/2023, 10.15AM	3.5	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
10/31/2023, 10.30AM	0.3	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
10/31/2023, 10.45AM	2.9	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
10/31/2023, 11.00AM	4.7	5	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
10/31/2023, 11.15AM	3.6	6	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
10/31/2023, 11.30AM	4.4	6	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
10/31/2023, 11.45AM	0.4	6	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
10/31/2023, 12.00PM	3	6	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
10/31/2023, 12.15PM	3.5	6	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
10/31/2023, 12.30PM	2.2	6	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
10/31/2023, 12.45PM	0.4	6	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
10/31/2023, 1.00PM	1.1	6	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
10/31/2023, 1.15PM	0	6	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
10/31/2023, 1.30PM	1.1	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
10/31/2023, 1.45PM	2.3	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
10/31/2023, 2.00PM	1.3	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
10/31/2023, 2.15PM	2.1	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
10/31/2023, 2.30PM	0.3	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
10/31/2023, 2.45PM	0	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
10/31/2023, 3.00PM	1.8	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144

MPH - miles per hour      N - North      W - West      E - East      S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
11/1/2023, 9:30AM	2	3	E	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
11/1/2023, 9:45AM	2	2	E	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
11/1/2023, 10:00AM	2	3	E	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
11/1/2023, 10:15AM	3	4	E	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
11/1/2023, 10:30AM	3	3	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
11/1/2023, 10:45AM	3	4	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
11/1/2023, 11:00AM	4	5	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
11/1/2023, 11:15AM	3	5	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
11/1/2023, 11:30AM	3	4	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
11/1/2023, 11:45AM	2	3	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
11/1/2023, 12:00PM	3	4	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
11/1/2023, 12:15PM	3	5	NE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
MPH - miles per hour	N - North	W - West	E - East	S - South	



## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
11/01/2023, 10.00AM	1.3	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451118
11/01/2023, 10.15AM	2	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451119
11/01/2023, 10.30AM	2.2	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451120
11/01/2023, 10.45AM	2	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451121
11/01/2023, 11.00AM	0.5	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451122
11/01/2023, 11.15AM	2.7	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451123
11/01/2023, 11.30AM	1.2	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451124
11/01/2023, 11.45AM	0	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451125
11/01/2023, 12.00PM	2	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451126
11/01/2023, 12.15PM	3	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451127
11/01/2023, 12.30PM	4.3	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451128
11/01/2023, 12.45PM	2.3	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451129
11/01/2023, 1.00PM	0.7	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451130
11/01/2023, 1.15PM	0.4	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451131
11/01/2023, 1.30PM	3.1	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451132
11/01/2023, 1.45PM	0.9	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451133
11/01/2023, 2.00PM	2.2	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451134
11/01/2023, 2.15PM	0.4	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451135
11/01/2023, 2.30PM	1.3	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451136
11/01/2023, 2.45PM	0	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451137
11/01/2023, 3.00PM	1.1	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451138
11/01/2023, 3.15PM	2.3	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451139
11/01/2023, 3.30PM	1.3	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 451140

MPH - miles per hour

N - North

W - West

SW

S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
11/02/2023, 7:30AM	0	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
11/02/2023, 7:45AM	0.4	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45119
11/02/2023, 8:00AM	0	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45120
11/02/2023, 8:15AM	0.2	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45121
11/02/2023, 8:30AM	0.5	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
11/02/2023, 8:45AM	2.7	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
11/02/2023, 9:00AM	2.1	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
11/02/2023, 9:15AM	1.1	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
11/02/2023, 9:30AM	0.8	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126

MPH - miles per hour

N - North

W - West

SW

S - South



## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
11/08/2023, 8.00AM	0	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
11/08/2023, 8.15AM	0.2	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45119
11/08/2023, 8.30AM	0	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45120
11/08/2023, 8.45AM	0.5	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45121
11/08/2023, 9.00AM	0.5	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
11/08/2023, 9.15AM	1.2	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
11/08/2023, 9.30AM	0	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
11/08/2023, 9.45AM	0.9	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
11/08/2023, 10.00AM	0.5	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
11/08/2023, 10.15AM	1.5	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
11/08/2023, 10.30AM	3.1	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
11/08/2023, 10.45AM	0.6	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
11/08/2023, 11.00AM	0.3	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
11/08/2023, 11.15AM	2.4	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
11/08/2023, 11.30AM	0.1	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
11/08/2023, 11.45AM	0.4	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
11/08/2023, 12.00PM	2.3	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
11/08/2023, 12.15PM	3.1	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
11/08/2023, 12.30PM	3	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
11/08/2023, 12.45PM	3.5	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
11/08/2023, 1.00PM	2.2	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
11/08/2023, 1.15PM	0.4	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
11/08/2023, 1.30PM	1.1	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
11/08/2023, 1.45PM	0	8	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
11/08/2023, 2.00PM	0.1	8	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
11/08/2023, 2.15PM	2.3	8	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
11/08/2023, 2.30PM	1.3	8	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144
11/08/2023, 2.45PM	2.1	8	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45145
11/08/2023, 3.00PM	0.3	8	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45146

MPH - miles per hour      N - North      W - West      E - East      S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
11/09/2023, 8.00AM	0	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
11/09/2023, 8.15AM	0.2	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45119
11/09/2023, 8.30AM	0.1	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45120
11/09/2023, 8.45AM	0.5	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45121
11/09/2023, 9.00AM	0.5	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
11/09/2023, 9.15AM	0	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
11/09/2023, 9.30AM	0	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
11/09/2023, 9.45AM	0.7	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
11/09/2023, 10.00AM	2.6	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
11/09/2023, 10.15AM	0.3	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
11/09/2023, 10.30AM	0	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
11/09/2023, 10.45AM	0.6	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
11/09/2023, 11.00AM	0.3	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
11/09/2023, 11.15AM	2.4	4	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
11/09/2023, 11.30AM	0.1	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
11/09/2023, 11.45AM	0.4	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
11/09/2023, 12.00PM	2.3	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
11/09/2023, 12.15PM	0.5	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
11/09/2023, 12.30PM	3	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
11/09/2023, 12.45PM	3.5	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
11/09/2023, 1.00PM	0	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
11/09/2023, 1.15PM	0	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
11/09/2023, 1.30PM	0.2	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
11/09/2023, 1.45PM	0	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
11/09/2023, 2.00PM	0.1	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
11/09/2023, 2.15PM	2.3	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
11/09/2023, 2.30PM	1	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144

MPH - miles per hour      N - North      W - West      E - East      S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
11/10/2023, 8.00AM	0	5	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
11/10/2023, 8.15AM	1.4	5	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45119
11/10/2023, 8.30AM	0.1	5	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45120
11/10/2023, 8.45AM	0.5	5	N	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45121
11/10/2023, 9.00AM	0.5	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
11/10/2023, 9.15AM	0	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
11/10/2023, 9.30AM	0.6	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
11/10/2023, 9.45AM	0.7	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
11/10/2023, 10.00AM	0.9	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
11/10/2023, 10.15AM	0.3	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
11/10/2023, 10.30AM	0.2	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
11/10/2023, 10.45AM	1.1	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
11/10/2023, 11.00AM	2.1	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
11/10/2023, 11.15AM	2.4	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
11/10/2023, 11.30AM	2	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
11/10/2023, 11.45AM	1.5	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
11/10/2023, 12.00PM	2.3	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
11/10/2023, 12.30PM	0.5	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
11/10/2023, 12.45PM	1.1	6	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136

MPH - miles per hour

N - North

W - West

E - East

S - South





















April 19, 2024

Ms. Kelly McDonnell  
Browning-Ferris Industries of California, Inc.  
Ox Mountain Landfill  
12310 San Mateo Road  
Half Moon Bay, CA 94019

Subject: First Quarter 2024 Surface Emissions Monitoring Results for the Ox Mountain Landfill,  
Half Moon Bay, CA

Dear Ms. McDonnell:

This report provides results of the First Quarter 2024 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 on January 26, 27, and 30, 2024, and February 12, 13, 24, and 28, 2024, and March 8, 16, 17, 18, 21, and 22, 2024, and April 9, 2024. 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. As such Ox Mountain Landfill surface area is divided into one hundred and sixty-four (164) individual grids as shown in Appendix A.

The First Quarter 2024 SEM testing results indicated eleven (11) locations that exceeded the NSPS (Grids) and LMR (Grids, Penetrations, and Perimeter) 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 eleven (11) areas with instantaneous exceedances had returned to compliance and the one (1) integrated grid exceedance had returned to compliance. The one-month re-monitoring indicated all detected instantaneous and integrated exceedances remained in compliance.

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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ongoing construction, heavy traffic, or steep slopes, which could cause a potential for injury of monitoring personnel as noted below:

- Full grids 26, 35, 37, 44, 50, 56, 57, 64, 65, 71, 72, 73, 78, 79, 80, 86, and 92 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, 10, 12, 15, 18, 21, 22, 23, 25, 28, 29, 34, 35, 36, 41, 43, 49, 55, 63, 74, 81, 87, 93, and 98 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. Seventy-four (74) 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 decomposes 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 January 26, 27, and 30, 2024, and February 12, 13, 24, and 28, 2024, and March 8, 16, 17, 18, 21, and 22, 2024, and April 9, 2024. 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 January 26, 27, and 30, 2024, and February 12, 13, 24, and 28, 2024, and March 8, 16, 17, 18, and 21, 2024, there were eleven (11) 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 February 28, 2024, and March 18, 2024, indicated that all eleven (11) areas with instantaneous exceedances had returned to compliance and the one (1) integrated grid had returned to compliance. The one-month re-monitoring event on March 22, 2024, and April 9, 2024, indicated there were no locations with remaining instantaneous exceedances.

Based on these results, no further monitoring is required until the First Quarter of 2024. 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.

- Full grids 26, 35, 37, 44, 50, 56, 57, 64, 65, 71, 72, 73, 78, 79, 80, 86, and 92 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, 10, 12, 15, 18, 21, 22, 23, 25, 28, 29, 34, 35, 36, 41, 43, 49, 55, 63, 74, 81, 87, 93, and 98 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 January 26, 27, and 30, 2024, and February 12, 13, 24, and 28, 2024, and March 8, 16, 17, 18, and 21, 2024, subsequent re-monitoring was scheduled for ten days later. The first 10-day re-monitoring events were performed on February 28, 2024, and March 18, 2024, and indicated that eleven (11) areas with instantaneous exceedances had returned to compliance and the one (1) integrated grid had returned to compliance. The one-month confirmation testing on abated instantaneous readings were performed on March 22, 2024, and April 9, 2024, and indicated the eleven (11) instantaneous exceedances remained below LMR thresholds of compliance.

In accordance with the approved Scope of Work with the site, Tetra Tech is scheduled to perform the Second Quarter 2024 NSPS and LMR monitoring event by the end of June 2024 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,

Tetra Tech



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

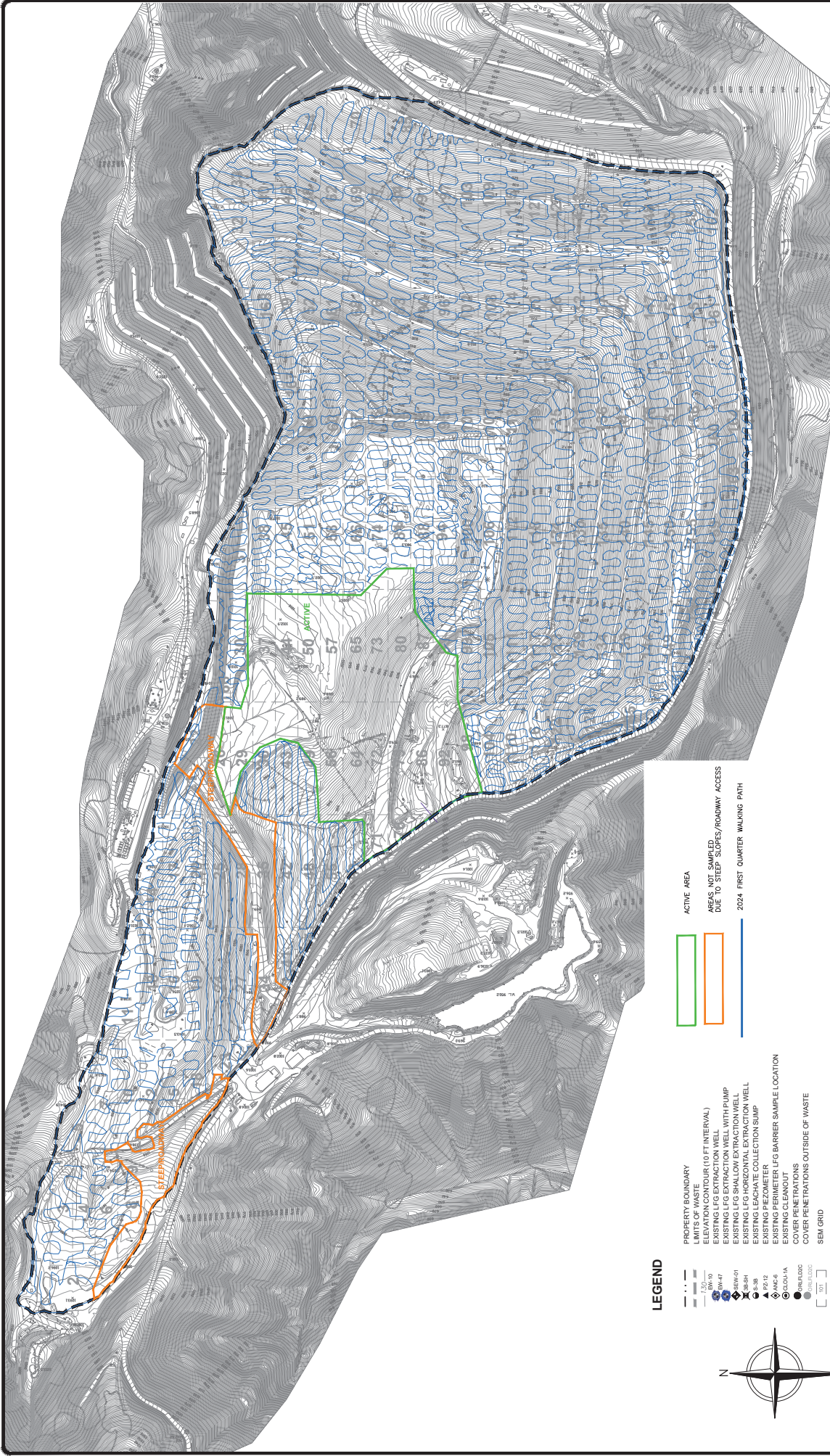
**Appendix D:** Calibration Logs

**Appendix E:** Weather Data

**Appendix F:** Wind Speed Data

# APPENDIX A

## SURFACE GRID MAP



**LEGEND**

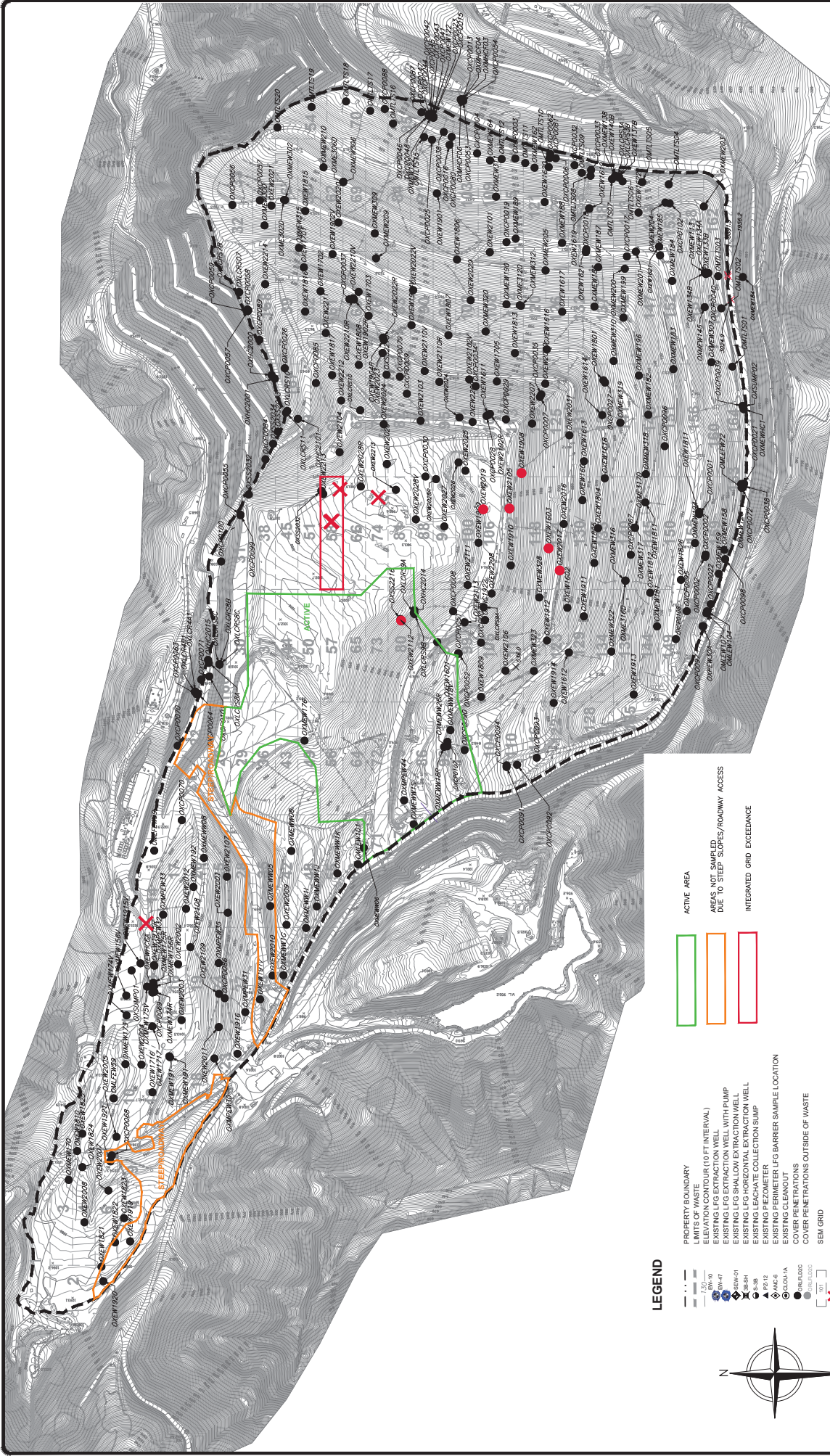
- PROPERTY BOUNDARY
- LIMITS OF MONITOR (10 FT INTERVAL)
- BW-10 EXISTING LFG EXTRACTION WELL
- BW-47 EXISTING LFG EXTRACTION WELL WITH PUMP
- BW-01 EXISTING LFG SHALLOW EXTRACTION WELL
- BW-02 EXISTING LFG HORIZONTAL EXTRACTION WELL
- BW-03 EXISTING LEACHATE COLLECTION SUMP
- BW-04 EXISTING PERMEATE LFG BARRIER SAMPLE LOCATION
- BW-05 EXISTING GLENOUT
- BW-06 COVER PENETRATIONS
- BW-07 COVER PENETRATIONS OUTSIDE OF WASTE
- SEM GRID

- ACTIVE AREA
- AREAS NOT SAMPLED DUE TO STEEP SLOPES/ROADWAY ACCESS
- 2024 FIRST QUARTER WALKING PATH



1. THE GRID IS BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE 11, MAP 27
2. ALL CROSS REFERENCES AND ASSOCIATED WELL FACILITY LOCATIONS PROVIDED BY TETRA TECH
3. WELLS AND LATERALS RELOCATED TO MATCH THE LATEST WELL AND HEADER INSTALLATION AS BUILT 01/03/2022
4. RECORD SURVEY DRAWINGS BY TETRA TECH, RECORDING DATE(S): JANUARY 26, 27, AND 30, 2024, FEBRUARY 12, 13, 24, AND 28, 2024, MARCH 8, 16, 17, 18, 21, AND 22, 2024, AND APRIL 9, 2024.

REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	DATE OF ISSUE	PROJECT NO.	SHEET NO.
						97-2024-250	1
<p style="text-align: center;">SEM MAP GRID FIRST QUARTER 2024</p> <p style="text-align: center;">REPUBLIC OF MOUNTAIN HALF MOON BAY, CA</p>							



**LEGEND**

- PROPERTY BOUNDARY
  - LIMITS OF MONITOR (10 FT INTERVAL)
  - 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
- 
- ACTIVE AREA
  - AREA NOT SAMPLED DUE TO STEEP SLOPES/ROADWAY ACCESS
  - INTEGRATED GRID EXCEEDANCE



SCALE IN FEET  
0 200 400

- NOTE(S)
- THE GRID IS BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE 11, MAP 27
  - ALL MONITORING WELLS AND ASSOCIATED ANTELL FACILITY LOCATIONS PROVIDED BY TETRA TECH
  - WELLS AND LATRALS RELOCATED TO MATCH THE LATEST WELL AND HEADER INSTALLATION AS BUILT 01/03/2022
  - RECORD SURVEY DRAWINGS BY TETRA TECH
  - MONITORING DATE(S): JANUARY 26, 27, AND 30, 2024; FEBRUARY 12, 13, 24, AND 28, 2024; MARCH 8, 16, 17, 18, 21, AND 22, 2024; AND APRIL 9, 2024.

REV	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	DATE	APPROVED BY	DATE

**TETRA TECH**

AN IRVING-CLOUD COMPANY

REPUBLIC  
OX MOUNTAIN  
HALF MOON BAY, CA

COVER PENETRATIONS FIRST QUARTER 2024

SHEET NO. **2**

PROJECT NO. 87-2024-200

**INTEGRATED 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 2024  
 Instrument(s): Inficon Irwin

Grid Number	Initial Monitoring Event		Corrective Actions		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)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration	Monitoring Date	CH <sub>4</sub> Concentration	
58	3/16/2024	33.3	3/17/2024	Increased vacuum in surrounding wells.	3/18/2024	20.3	N/A	N/A	N/A

N/A - Not Applicable  
 ppmv - parts per million by volume  
 CH<sub>4</sub> - Methane



## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 Instrument(s): Inficon Inwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Perimeter	1/30/2024	4.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 1	1/26/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 2	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 3	1/26/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 4	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 5	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 6	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 7	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 8	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 9	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 10	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 11	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 12	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 13	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 14	2/24/2024	4.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 15	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 16	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 17	2/24/2024	0.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 18	1/26/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 19	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 20	2/24/2024	0.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 21	3/8/2024	0.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 22	3/8/2024	0.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 23	3/18/2024	1.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 24	3/18/2024	0.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 25	3/18/2024	0.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 26	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 27	3/18/2024	0.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 28	3/18/2024	0.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 29	3/18/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 Instrument(s): Inficon Inwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 30	3/8/2024	4.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 31	3/8/2024	10.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 32	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 33	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 34	3/18/2024	0.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 35	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 36	3/18/2024	3.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 37	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 38	3/8/2024	7.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 39	2/13/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 40	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 41	3/18/2024	1.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 42	3/18/2024	0.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 43	3/18/2024	2.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 44	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 45	3/16/2024	24.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 46	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 47	3/18/2024	5.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 48	3/18/2024	0.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 49	3/18/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 50	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 51	3/16/2024	20.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 52	2/13/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 53	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 54	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 55	3/18/2024	5.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 56	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 57	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 58	3/16/2024	33.3	Grid 58	3/18/2024	20.3	N/A	N/A	N/A
Grid 59	3/16/2024	10.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 Instrument(s): Inficon Inwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 60	3/16/2024	11.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 61	2/13/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 62	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 63	3/18/2024	0.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 64	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 65	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 66	3/16/2024	13.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 67	3/16/2024	11.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 68	2/13/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 69	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 70	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 71	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 72	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 73	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 74	3/16/2024	15.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 75	3/16/2024	16.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 76	2/13/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 77	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 78	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 79	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 80	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 81	3/16/2024	13.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 82	3/16/2024	24.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 83	2/12/2024	5.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 84	1/27/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 85	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 86	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 87	3/16/2024	23.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 88	3/16/2024	16.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 89	3/16/2024	21.1	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaite, and Lusi Naivalurua  
 Quarter: 1st 2024

Instrument(s): Inficon Inwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 90	2/12/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 91	1/27/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 92	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 93	3/16/2024	17.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 94	3/16/2024	13.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 95	3/16/2024	22.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 96	2/12/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 97	1/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 98	3/16/2024	2.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 99	3/16/2024	2.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 100	3/16/2024	8.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 101	3/16/2024	21.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 102	2/12/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 103	1/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 104	3/16/2024	8.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 105	3/16/2024	12.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 106	3/16/2024	5.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 107	3/16/2024	18.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 108	2/12/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 109	1/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 110	2/28/2024	4.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 111	3/16/2024	10.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 112	3/16/2024	8.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 113	2/28/2024	8.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 114	2/12/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 115	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 116	2/28/2024	7.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 117	2/28/2024	9.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 118	2/28/2024	21.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 119	2/13/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 Instrument(s): Inficon Inwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 120	2/12/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 121	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 122	3/8/2024	7.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 123	2/28/2024	19.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 124	2/24/2024	17.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 125	2/13/2024	8.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 126	2/12/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 127	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 128	3/8/2024	9.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 129	2/28/2024	1.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 130	2/24/2024	5.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 131	2/13/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 132	2/12/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 133	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 134	2/28/2024	1.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 135	2/24/2024	1.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 136	2/13/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 137	2/12/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 138	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 139	2/28/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 140	2/24/2024	0.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 141	2/13/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 142	2/12/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 143	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 144	3/8/2024	1.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 145	2/24/2024	0.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 146	2/13/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 147	2/12/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 148	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaite, and Lusi Naivalurua

Quarter: 1st 2024

Instrument(s): Inficon Inwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 149	3/8/2024	1.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 150	2/24/2024	1.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 151	2/13/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 152	2/12/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 153	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 154	3/8/2024	0.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 155	2/24/2024	0.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 156	2/13/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 157	2/12/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 158	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 159	3/16/2024	6.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 160	2/13/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 161	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 162	1/30/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 163	3/16/2024	21.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 164	3/16/2024	14.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 165	3/8/2024	4.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 166	3/8/2024	3.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 167	3/16/2024	21.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 168	3/16/2024	7.9	N/A	N/A	N/A	N/A	N/A	N/A

CH<sub>4</sub> - Methane

ppmv - parts per million by volume

N/A - Not Applicable

\*Not monitored due to onsite conditions or no waste in place. Please refer to the provided site map for further details.

## APPENDIX C

### INSTANTANEOUS 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 2024  
 Instrument(s): Inficon Irwin

Initial Monitoring Event			Corrective Actions		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)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
2/24/2024	14	37.50562, -122.40616	630.8	2/26/2024	Well Adjustments	2/28/2024	0.0	N/A	N/A	3/22/2024	48.0
3/16/2024	58	37.50028, -122.40899	578.1	3/17/2024	Increased vacuum in surrounding wells.	3/18/2024	108.2	N/A	N/A	4/9/2024	240.9
3/16/2024	58	37.50068, -122.40886	798.7	3/17/2024	Increased vacuum in surrounding wells.	3/18/2024	190.7	N/A	N/A	4/9/2024	135.4
3/16/2024	58	37.50067, -122.40888	636.5	3/17/2024	Increased vacuum in surrounding wells.	3/18/2024	325.1	N/A	N/A	4/9/2024	365.0
3/16/2024	74	37.50037, -122.40958	570.8	3/17/2024	Increased vacuum in surrounding wells.	3/18/2024	198.5	N/A	N/A	4/9/2024	182.8

N/A - Not Applicable  
 ppmv - parts per million by volume  
 CH<sub>4</sub> - Methane



## Ox Mountain Landfill Instantaneous Cover Penetration Surface Emissions Monitoring Initial 500 ppmv Exceedances and Re-Monitoring Log

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 Instrument(s): Inficon Irwin

Initial Monitoring Event		Corrective Actions		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)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	
3/17/2024	OXEW1603	37.50093,-122.41226	625.8	3/17/2024	Increased vacuum to abate exceedance.	3/18/2024	125.2	N/A	4/9/2024	149.1
3/17/2024	OXEW1908	37.49997,-122.41181	823.6	3/17/2024	Increased vacuum to abate exceedance.	3/18/2024	230.6	N/A	4/9/2024	173.5
3/17/2024	OXEW2017	37.50119,-122.41244	539.4	3/17/2024	Increased vacuum to abate exceedance.	3/18/2024	277.5	N/A	4/9/2024	193.2
3/17/2024	OXEW2019	37.50044,-122.41111	1535.2	3/17/2024	Increased vacuum to abate exceedance.	3/18/2024	315.0	N/A	4/9/2024	299.1
3/17/2024	OXEW2105	37.50053,-122.41124	1199.4	3/17/2024	Increased vacuum to abate exceedance.	3/18/2024	405.9	N/A	4/9/2024	256.0
3/17/2024	OXEW2112	37.50180,-122.40998	962.5	3/17/2024	Increased vacuum to abate exceedance.	3/18/2024	229.6	N/A	4/9/2024	378.3

N/A - Not Applicable  
 ppmv - parts per million by volume  
 CH<sub>4</sub> - Methane  
 ID - Identification

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKalaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 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	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLEW104	37.50170,-122.41472	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLEW107	37.50170,-122.41476	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW59	37.50775,-122.40571	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW72	37.50011,-122.41523	1/30/2024	22.3	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW99	37.50466,-122.40636	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS01	37.49863,-122.41502	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS02	37.49793,-122.41486	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS03	37.49754,-122.41478	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS04	37.49641,-122.41400	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS05	37.49641,-122.41358	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS06	37.49639,-122.41328	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS07	37.49640,-122.41312	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS08	37.49637,-122.41282	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS09	37.49633,-122.41266	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS10	37.49624,-122.41215	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS11	37.49620,-122.41179	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS12	37.49617,-122.41142	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS15	37.49589,-122.41024	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS16	37.49574,-122.40978	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS17	37.49557,-122.40942	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS18	37.49547,-122.40904	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS19	37.49559,-122.40848	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS20	37.49582,-122.40802	1/26/2024	243.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW133B	37.49749,-122.41459	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW134A	37.49752,-122.41461	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW134B	37.49751,-122.41461	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW137B	37.49633,-122.41322	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1601	37.50205,-122.41174	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1602	37.50161,-122.41257	3/17/2024	207.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1603	37.50093,-122.41226	3/17/2024	625.8	3/18/2024	125.2	N/A	N/A	4/9/2024	149.1
OXEW1604	37.50027,-122.41275	3/17/2024	158.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1611	37.49929,-122.41134	3/17/2024	362.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1612	37.50215,-122.41262	1/26/2024	4.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1613	37.49982,-122.41278	3/17/2024	361.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1614	37.49927,-122.41303	1/26/2024	1.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1616	37.49853,-122.41224	1/26/2024	7.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1617	37.49802,-122.41238	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1618	37.50002,-122.41308	1/26/2024	3.3	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKalaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 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)
OXEW1619	37.49674,-122.41275	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1620	37.49670,-122.41211	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1621	37.49726,-122.41276	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1622	37.49679,-122.41354	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1701	37.49753,-122.40844	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1702	37.49781,-122.40872	1/26/2024	28.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1703	37.49811,-122.40944	1/26/2024	274.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1705	37.49886,-122.41142	3/17/2024	286.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1716	37.50766,-122.40636	1/26/2024	5.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1717	37.50683,-122.40635	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1801	37.49882,-122.41306	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1804	37.50063,-122.41302	1/26/2024	271.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1805	37.50104,-122.41296	1/26/2024	145.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1806	37.49741,-122.41079	1/30/2024	74.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1807	37.49832,-122.41067	1/26/2024	162.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1808	37.49873,-122.40930	3/17/2024	100.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1809	37.50274,-122.41130	3/17/2024	223.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1810	37.50836,-122.40523	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1811V	37.50033,-122.41373	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1811R	37.50038,-122.41413	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1812	37.50143,-122.41383	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1813	37.49854,-122.41171	1/26/2024	346.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1815	37.49686,-122.40844	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1816	37.49807,-122.40847	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1817	37.49883,-122.40890	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1821	37.50973,-122.40565	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1822	37.50946,-122.40584	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1823	37.50918,-122.40598	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1824	37.50858,-122.40533	1/26/2024	40.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1825	37.50814,-122.40531	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1826	37.50125,-122.41430	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1901	37.49663,-122.41045	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1902R	37.49791,-122.40922	1/26/2024	30.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1902V	37.49737,-122.40888	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1904R	37.49838,-122.40968	1/26/2024	69.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1904V	37.49820,-122.41015	1/26/2024	199.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1908	37.49997,-122.41181	3/17/2024	823.6	3/18/2024	230.6	N/A	N/A	4/9/2024	173.5
OXEW1909	37.50086,-122.41117	3/17/2024	407.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1910	37.50112,-122.41167	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKalaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 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)
OXEW1911	37.50171,-122.41282	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1912	37.50203,-122.41227	3/17/2024	12.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1913	37.50271,-122.41365	1/30/2024	102.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1914	37.50281,-122.41239	1/26/2024	8.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1915R	37.50609,-122.40637	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1915V	37.50605,-122.40617	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1916	37.50715,-122.40766	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1917	37.50649,-122.40803	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1919	37.50948,-122.40611	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1920	37.50991,-122.40562	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1921	37.50850,-122.40576	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2001	37.50542,-122.40750	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2002	37.50607,-122.40671	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2003	37.50676,-122.40680	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2004	37.50733,-122.40623	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2005	37.50820,-122.40582	1/26/2024	90.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2007	37.50885,-122.40573	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2008	37.50922,-122.40534	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2009	37.50553,-122.40838	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2010	37.50618,-122.40817	3/17/2024	33.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2011	37.50682,-122.40741	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2012	37.50541,-122.40684	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2016	37.50063,-122.41247	3/17/2024	299.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2017	37.50119,-122.41244	3/17/2024	539.4	3/18/2024	277.5	N/A	N/A	4/9/2024	193.2
OXEW2019	37.50044,-122.41111	3/17/2024	1535.2	3/18/2024	315.0	N/A	N/A	4/9/2024	299.1
OXEW2020	37.49698,-122.40896	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2021	37.49680,-122.40792	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2022R	37.49837,-122.40970	1/26/2024	9.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2022V	37.49779,-122.41015	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2023	37.49853,-122.40967	3/17/2024	3.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2024	37.49939,-122.40976	3/17/2024	274.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2025	37.50001,-122.41093	3/17/2024	262.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2026	37.49994,-122.40976	3/17/2024	145.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2027	37.50070,-122.41060	3/17/2024	286.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2028R	37.50015,-122.40942	3/17/2024	196.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2028V	37.50063,-122.41014	3/17/2024	121.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2029	37.49790,-122.41099	1/26/2024	17.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2030	37.49890,-122.41217	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2031	37.49953,-122.41256	3/17/2024	388.8	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKalaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 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)
OXEW2101	37.49734,-122.41126	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2102R	37.49939,-122.41133	3/17/2024	176.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2102V	37.49893,-122.41097	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2103	37.49957,-122.41022	3/17/2024	5.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2104	37.49979,-122.40902	3/17/2024	387.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2105	37.50053,-122.41124	3/17/2024	1199.4	3/18/2024	405.9	N/A	N/A	4/9/2024	256.0
OXEW2106	37.50245,-122.41159	3/17/2024	312.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2107	37.50506,-122.40743	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2108	37.50587,-122.40692	1/26/2024	239.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2109	37.50641,-122.40735	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2110V	37.49877,-122.41032	3/17/2024	69.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2110R	37.49889,-122.41055	3/17/2024	280.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2111	37.50138,-122.41087	3/17/2024	265.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2112	37.50180,-122.40998	3/17/2024	962.5	3/18/2024	229.6	N/A	N/A	4/9/2024	378.3
OXEW2113	37.50180,-122.41098	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2207	37.49938,-122.41198	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2208	37.50146,-122.41142	3/17/2024	10.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2209	37.49938,-122.41107	3/17/2024	48.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2210R	37.49790,-122.40921	1/26/2024	15.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2210V	37.49782,-122.40930	1/26/2024	36.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2211	37.49833,-122.40880	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2212	37.49915,-122.40906	3/17/2024	34.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2213	37.50029,-122.40881	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2214	37.49775,-122.40786	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEWHC6AV	37.50636,-122.40574	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEWHC6AR	37.50632,-122.40636	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC1922	37.50178,-122.41132	3/17/2024	1.2	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2000	37.49803,-122.40758	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2001	37.49803,-122.40758	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2014	37.50170,-122.41019	3/17/2024	20.2	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2015	37.50254,-122.40671	3/17/2024	5.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2032	37.50032,-122.40767	3/17/2024	276.6	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2101	37.49938,-122.40840	3/17/2024	3.5	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2302	37.50428,-122.40742	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2301	37.50428,-122.40743	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCR4A1	37.50257,-122.40673	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCR4B1	37.50257,-122.40674	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS07	37.49789,-122.40745	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS10	37.49933,-122.40824	3/17/2024	120.5	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKalaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 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)
OXLCRS11	37.49933,-122.40823	3/17/2024	16.3	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS12	37.49986,-122.40795	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS3A	37.49633,-122.41322	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS3B	37.49633,-122.41322	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS7B	37.49788,-122.40745	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8A	37.50238,-122.40712	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8B	37.50240,-122.40728	3/17/2024	1.3	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8C	37.50239,-122.40728	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS9A	37.50170,-122.41019	3/17/2024	57.8	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS9B	37.50170,-122.41019	3/17/2024	84.1	N/A	N/A	N/A	N/A	N/A	N/A
OXME302D	37.49674,-122.40813	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME306D	37.49647,-122.40899	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME312D	37.49795,-122.41173	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME316D	37.50128,-122.41347	1/26/2024	68.3	N/A	N/A	N/A	N/A	N/A	N/A
OXME317D	37.50062,-122.41358	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW113	37.49749,-122.41459	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW122	37.49563,-122.41037	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW126	37.50009,-122.41523	1/30/2024	289.2	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW138	37.49633,-122.41317	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW145	37.49790,-122.41459	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW156R	37.50636,-122.40638	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW156V	37.50644,-122.40594	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW158	37.50114,-122.41485	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW159	37.50088,-122.41495	1/30/2024	279.2	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW162	37.49626,-122.41193	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW170	37.50871,-122.40513	1/26/2024	59.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW173	37.50728,-122.40593	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW174R	37.50644,-122.40640	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW174V	37.50670,-122.40593	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW175R	37.50629,-122.40636	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW175V	37.50631,-122.40625	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW181	37.50178,-122.41392	1/30/2024	3.3	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW182	37.49924,-122.41376	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW183	37.49869,-122.41411	1/30/2024	14.8	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW184	37.49761,-122.41405	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW185	37.4973,-122.41389	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW186	37.49795,-122.41289	1/26/2024	1.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW187	37.49748,-122.41294	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW188	37.49721,-122.41239	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

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 Quarter: 1st 2024  
 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)
OXMEW189	37.49713,-122.41173	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW190	37.49795,-122.41153	1/26/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW191	37.50720,-122.40664	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW192	37.50510,-122.40695	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW194	37.50081,-122.41449	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW196	37.49875,-122.41364	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW199	37.49805,-122.41334	1/26/2024	49.1	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW200	37.49747,-122.41332	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW201	37.49723,-122.41352	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW203	37.49671,-122.41452	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW204	37.49667,-122.41391	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW205	37.49750,-122.41211	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW209	37.49739,-122.40951	3/17/2024	31.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW210	37.49631,-122.40870	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW300	37.49705,-122.40781	3/17/2024	135.3	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW302	37.49673,-122.40813	3/17/2024	1.6	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW306	37.49647,-122.40898	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW307	37.49860,-122.41470	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW309	37.49711,-122.40952	3/17/2024	72.4	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW310	37.49859,-122.41323	1/26/2024	1.3	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW311	37.49661,-122.41136	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW312	37.49795,-122.41173	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW315	37.49730,-122.40837	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW316	37.50128,-122.41346	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW317	37.50063,-122.41359	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW318	37.49997,-122.41371	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW319	37.49935,-122.41333	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW320	37.49827,-122.41125	1/26/2024	52.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW322	37.50214,-122.41328	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW323	37.50242,-122.41207	1/26/2024	39.3	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW328	37.50151,-122.41214	3/17/2024	133.4	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWHC1	37.49914,-122.41521	3/17/2024	76.9	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW05	37.50532,-122.40811	3/17/2024	16.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW06	37.50466,-122.40843	3/17/2024	47.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW08V	37.50472,-122.40710	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW08R	37.50564,-122.40694	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW18R	37.50331,-122.41076	3/17/2024	333.2	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW18V	37.50314,-122.41083	3/17/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW1G	37.50616,-122.40836	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKalaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 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)
OXMEWW1S	37.50430,-122.41031	3/17/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW2R	37.50007,-122.41526	3/17/2024	288.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF03	37.49539,-122.41078	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF04	37.49539,-122.41076	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF06	37.49536,-122.41074	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW30	37.50718,-122.40739	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW31	37.50663,-122.40775	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW32	37.50608,-122.40638	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW33	37.50546,-122.40648	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW35	37.50601,-122.40736	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW44	37.50402,-122.41013	3/17/2024	19.2	N/A	N/A	N/A	N/A	N/A	N/A
OXPEW30A	37.50177,-122.41465	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2033	37.49954,-122.40810	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2034	37.49969,-122.40803	3/17/2024	4.9	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2215	37.49882,-122.40974	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2216	37.50179,-122.41003	3/17/2024	316.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP01	37.50615,-122.40603	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP02	37.49912,-122.41517	1/30/2024	167.2	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP2A	37.49912,-122.41521	1/30/2024	370.9	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP2B	37.49913,-122.41523	1/30/2024	382.7	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0001	37.50036,-122.41458	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0002	37.50092,-122.41471	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0003	37.49614,-122.41163	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0004	37.49608,-122.41108	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0006	37.49628,-122.41225	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0007	37.49925,-122.41176	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0008	37.50178,-122.41070	3/17/2024	314.4	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0009	37.49919,-122.41009	3/18/2024	54.3	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0013	37.49548,-122.41081	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0015	37.49565,-122.41038	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0016	37.49599,-122.41065	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0017	37.49735,-122.41340	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0018	37.49729,-122.41276	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0019	37.49719,-122.41155	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0022	37.50154,-122.41477	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0023	37.49566,-122.41040	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0025	37.49587,-122.41037	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0026	37.49879,-122.40821	3/17/2024	9.8	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0028	37.49930,-122.41126	3/17/2024	402.6	N/A	N/A	N/A	N/A	N/A	N/A



## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKalaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 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)
OXCP0029	37.49935,-122.41157	3/17/2024	72.6	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0030	37.50014,-122.41021	3/17/2024	41.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0032	37.49622,-122.41249	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0033	37.49627,-122.41279	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0034	37.49895,-122.41110	3/17/2024	79.7	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0035	37.49900,-122.41214	3/17/2024	96.4	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0037	37.49817,-122.41012	3/18/2024	17.2	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0038	37.49563,-122.41038	1/30/2024	37.7	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0040	37.49717,-122.41458	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0041	37.49567,-122.41038	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0042	37.49566,-122.41037	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0043	37.49566,-122.41035	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0044	37.49562,-122.41039	1/26/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0045	37.49564,-122.41034	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0046	37.49564,-122.41031	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0047	37.49563,-122.41030	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0048	37.50058,-122.40756	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0051	37.50219,-122.41094	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0052	37.50221,-122.41098	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0053	37.49539,-122.41077	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0054	37.49537,-122.41075	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0056	37.49681,-122.40729	3/17/2024	1.6	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0064	37.50257,-122.40675	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0067	37.50032,-122.41375	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0068	37.50841,-122.40583	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0069	37.50642,-122.40639	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0072	37.49929,-122.41527	1/30/2024	24.4	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0076	37.50206,-122.41128	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0079	37.49886,-122.41000	3/18/2024	5.4	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0080	37.49572,-122.41062	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0081	37.49614,-122.41226	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0085	37.49902,-122.40860	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0086	37.50680,-122.40771	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0087	37.49560,-122.41016	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0088	37.49591,-122.40781	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0089	37.49843,-122.40782	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0090	37.50356,-122.41165	3/18/2024	211.2	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0091	37.50358,-122.41172	3/18/2024	170.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0092	37.50356,-122.41180	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Instantaneous Cover Penetrations Surface Emissions Monitoring Log

Technician(s): Matt Bowman, Devin DeKalaita, and Lusi Naivalurua  
 Quarter: 1st 2024  
 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)
OXCP0093	37.50352,-122.41184	3/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0094	37.50355,-122.41172	3/18/2024	9.6	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0096	37.49932,-122.41404	3/18/2024	2.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0097	37.50177,-122.41463	3/18/2024	1.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0098	37.50098,-122.41496	1/30/2024	36.2	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0099	37.50057,-122.40755	3/18/2024	300.4	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0100	37.50114,-122.40727	3/18/2024	375.8	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0101	37.50254,-122.40713	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0102	37.49666,-122.41402	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0103	37.50339,-122.40666	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0104	37.50267,-122.40697	3/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0108	37.50202,-122.41424	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0109	37.50211,-122.41449	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0110	37.50213,-122.41450	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0111	37.50212,-122.41450	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0112	37.50152,-122.41464	1/30/2024	1.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0113	37.50634,-122.40597	1/26/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0114	37.50549,-122.40744	3/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0115	37.49717,-122.41458	1/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

N/A - Not Applicable

ppmv - parts per million by volume  
 CH<sub>4</sub> - Methane ID - Identification

\*Not monitored due to onsite conditions. Please refer to the provided site map for further details.

## Ox Mountain Landfill Instantaneous Surface Emissions Monitoring Log - Between 200 and 499 ppmv

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua

Quarter: 1st 2024

Instrument(s): Inficon Irwin

Grid Number/Cover Penetration ID	Coordinates	Initial Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (>200 ppmv)
Grid 125	37.49928,-122.41257	2/13/2024	247.0
Grid 14	37.50562,-122.40615	2/24/2024	276.3
Grid 14	37.50562,-122.40617	2/24/2024	229.5
Grid 123	37.50160,-122.41243	2/28/2024	309.2
Grid 123	37.50280,-122.41262	2/28/2024	227.1
Grid 123	37.50279,-122.41263	2/28/2024	296.5
Grid 117	37.50159,-122.41206	2/28/2024	454.6
Grid 117	37.50159,-122.41204	2/28/2024	488.5
Grid 107	37.49950,-122.41125	2/28/2024	221.2
Grid 101	37.49949,-122.41110	2/28/2024	313.9
Grid 82	37.49968,-122.40985	2/28/2024	230.7
Grid 31	37.50042,-122.40761	3/8/2024	280.3
Grid 31	37.50042,-122.40761	3/8/2024	252.2
Grid 45	37.50044,-122.40827	3/16/2024	300.3
Grid 45	37.50088,-122.40807	3/16/2024	214.7
Grid 60	37.49963,-122.40874	3/16/2024	206.8
Grid 58	37.50067,-122.40882	3/16/2024	261.9
Grid 58	37.50079,-122.40888	3/16/2024	255.6
Grid 66	37.50136,-122.40930	3/16/2024	222.5
Grid 74	37.50035,-122.40962	3/16/2024	321.7
Grid 105	37.50278,-122.41156	3/16/2024	320.3
Grid 93	37.50172,-122.41063	3/16/2024	222.3
Grid 93	37.50173,-122.41058	3/16/2024	246.0
Grid 87	37.50153,-122.41038	3/16/2024	272.9
Grid 87	37.50152,-122.41035	3/16/2024	228.2
Grid 168	37.49816,-122.40788	3/16/2024	274.5
Grid 167	37.49939,-122.40823	3/16/2024	227.9
Grid 167	37.49996,-122.40830	3/16/2024	223.6
Grid 164	37.49930,-122.41517	3/16/2024	257.5
Grid 164	37.49912,-122.41516	3/16/2024	214.5
Grid 58	37.50028,-122.40901	3/18/2024	200.3
Grid 58	37.50032,-122.40894	3/18/2024	209.8
Grid 55	37.50491,-122.40913	3/18/2024	393.4
OMTLTS20	37.49582,-122.40798	1/26/2024	243.9
OXCPO008	37.50169,-122.41082	3/17/2024	314.4

## Ox Mountain Landfill Instantaneous Surface Emissions Monitoring Log - Between 200 and 499 ppmv

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua

Quarter: 1st 2024

Instrument(s): Inficon Irwin

Grid Number/Cover Penetration ID	Coordinates	Initial Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (>200 ppmv)
OXCP0028	37.49927,-122.41128	3/17/2024	402.6
OXCP0090	37.50353,-122.41172	3/18/2024	211.2
OXCP0099	37.50057,-122.40754	3/18/2024	300.4
OXCP0100	37.50110,-122.40727	3/18/2024	375.8
OXEW1602	37.50163,-122.41256	3/17/2024	207.1
OXEW1611	37.49926,-122.41133	3/17/2024	362.4
OXEW1613	37.49985,-122.41280	3/17/2024	361.0
OXEW1703	37.49812,-122.40946	1/26/2024	274.3
OXEW1705	37.49886,-122.41143	3/17/2024	286.4
OXEW1804	37.50064,-122.41302	1/26/2024	271.8
OXEW1809	37.50272,-122.41130	3/17/2024	223.6
OXEW1813	37.49855,-122.41168	1/26/2024	346.1
OXEW1908	37.49997,-122.41184	3/18/2024	230.6
OXEW1909	37.50082,-122.41119	3/17/2024	407.5
OXEW2016	37.50059,-122.41249	3/17/2024	299.0
OXEW2017	37.50117,-122.41246	3/18/2024	277.5
OXEW2019	37.50040,-122.41126	3/18/2024	315.0
OXEW2024	37.49937,-122.40970	3/17/2024	274.0
OXEW2025	37.49993,-122.41098	3/17/2024	262.7
OXEW2027	37.50064,-122.41072	3/17/2024	286.8
OXEW2031	37.49951,-122.41255	3/17/2024	388.8
OXEW2104	37.49975,-122.40903	3/17/2024	387.3
OXEW2105	37.50041,-122.41166	3/18/2024	405.9
OXEW2106	37.50239,-122.41163	3/17/2024	312.8
OXEW2108	37.50585,-122.40693	1/26/2024	239.7
OXEW2110R	37.49889,-122.41055	3/17/2024	280.5
OXEW2111	37.50132,-122.41102	3/17/2024	265.8
OXEW2112	37.50178,-122.41004	3/18/2024	229.6

## Ox Mountain Landfill Instantaneous Surface Emissions Monitoring Log - Between 200 and 499 ppmv

Technician(s): Matt Bowman, Devin DeKelaita, and Lusi Naivalurua

Quarter: 1st 2024

Instrument(s): Inficon Irwin

Grid Number/Cover Penetration ID	Coordinates	Initial Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (>200 ppmv)
OXMEW126	37.50006,-122.41520	1/30/2024	289.2
OXMEW159	37.50085,-122.41498	1/30/2024	279.2
OXMEWW18R	37.50334,-122.41074	3/17/2024	333.2
OXMEWW26R	37.50335,-122.41077	3/17/2024	288.5
OXSS2032	37.50029,-122.40766	3/17/2024	276.6
OXSS2216	37.50178,-122.41005	3/17/2024	316.0
OXSUMP2A	37.49912,-122.41521	1/30/2024	370.9
OXSUMP2B	37.49910,-122.41518	1/30/2024	382.7
OXEW2112	37.50178,-122.41005	4/9/2024	378.3
OXEW2019	37.50038,-122.41124	4/9/2024	299.1
OXEW2105	37.50041,-122.41167	4/9/2024	256.0

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

ID - Identification

## APPENDIX D

### CALIBRATION LOGS

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 1/26/2024

TIME: 8:16 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: 490 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: 495 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: 304-401992267 Span Gas Serial Number: 304-402819448-1  
Zero Gas Expiration Date: 12/21/2024 Span Gas Expiration Date: 08/10/2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 1/26/2024

TIME: 8:16 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92003456

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 490 ppm

90% of the Stabilized Reading: 441 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: 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 (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: 1/26/2024

TIME: 8:16 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: 490 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 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: Devin deKelaita

LANDFILL NAME: Ox Mountain

DATE: 1/26/2024

### 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:	8:16 AM	Time:	11:51 AM
Temperature:	50 °F	Temperature:	57 °F
Barometer:	30.27 " Hg	Barometer:	30.27 " Hg
Humidity:	85 %	Humidity:	69 %
Wind Speed:	3 mph	Wind Speed:	4 mph
Wind Direction:	E °	Wind Direction:	E °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mounain

DATE: 2/12/2024

TIME: 9:12 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004969

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: 490 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:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Lusi Naivalurua

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 304-402853898 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 10/02/2027 Span Gas Expiration Date: 09/11/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mounain

DATE: 2/12/2024

TIME: 9:12 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004969

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 490 ppm  
90% of the Stabilized Reading: 441 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: 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:

$$\frac{(1)+(2)+(3)}{3}$$

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mounain

DATE: 2/12/2024

TIME: 9:12 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004969

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 490 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: 492 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 Mounain

DATE: 2/12/2024

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:12 AM	Time:	3:58 PM
Temperature:	47 °F	Temperature:	48 °F
Barometer:	30.19 " Hg	Barometer:	30.09 " Hg
Humidity:	90 %	Humidity:	73 %
Wind Speed:	2 mph	Wind Speed:	5 mph
Wind Direction:	NE °	Wind Direction:	NW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mounain

DATE: 2/13/2024

TIME: 8:36 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004969

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: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 495 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Lusi Naivalurua

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 304-402853898 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 10/02/2027 Span Gas Expiration Date: 09/11/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mounain

DATE: 2/13/2024

TIME: 8:36 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004969

#### 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: 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: 6 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: 6 seconds (3)

#### CALCULATE RESPONSE TIME:

$$\frac{(1)+(2)+(3)}{3}$$

= 4 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua



### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mounain

DATE: 2/13/2024

TIME: 8:36 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004969

#### 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: Lusi Naivalurua

LANDFILL NAME: Ox Mounain

DATE: 2/13/2024

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:36 AM	Time:	3:51 PM
Temperature:	49 °F	Temperature:	57 °F
Barometer:	30.05 " Hg	Barometer:	30.02 " Hg
Humidity:	98 %	Humidity:	75 %
Wind Speed:	2 mph	Wind Speed:	5 mph
Wind Direction:	SE °	Wind Direction:	W °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mounain

DATE: 1/26/2024

TIME: 8:32 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004969

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: 492 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 490 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 491 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(7)-(2)| + |(7)-(4)| + |(7) - (6)|}{3} \times \frac{1}{(7)} \times \frac{100}{1}$$
$$= +2\%$$

PERFORMED BY: Lusi Naivalurua

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 304-402853898 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 10/02/2027 Span Gas Expiration Date: 09/11/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mounain

DATE: 1/26/2024

TIME: 8:32 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004969

#### MEASUREMENT #1:

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 (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 490 ppm  
90% of the Stabilized Reading: 441 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: 491 ppm  
90% of the Stabilized Reading: 441 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 Mounain

DATE: 1/26/2024

TIME: 8:32 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004969

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 492 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 490 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 491 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 491 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 Mounain

DATE: 1/26/2024

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:32 AM	Time:	3:07 PM
Temperature:	52 °F	Temperature:	62 °F
Barometer:	30.27 " Hg	Barometer:	30.28 " Hg
Humidity:	91 %	Humidity:	67 %
Wind Speed:	7 mph	Wind Speed:	3 mph
Wind Direction:	NE °	Wind Direction:	N °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 1/26/2024

TIME: 8:22 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:	<u>21-8129</u>	Span Gas Serial Number:	<u>30-402790174-1</u>
Zero Gas Expiration Date:	<u>08/25/2025</u>	Span Gas Expiration Date:	<u>09/11/2027</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 1/26/2024

TIME: 8:22 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: 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:

$$\frac{(1)+(2)+(3)}{3}$$

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman



### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 1/26/2024

TIME: 8:22 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: 1/26/2024

### 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:	8:22 AM	Time:	4:21 PM
Temperature:	50 °F	Temperature:	60 °F
Barometer:	30.27 " Hg	Barometer:	30.27 " Hg
Humidity:	92 %	Humidity:	71 %
Wind Speed:	3 mph	Wind Speed:	3 mph
Wind Direction:	E °	Wind Direction:	N °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mounain

DATE: 1/27/2024

TIME: 9:08 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004969

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: 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: 304-402853898 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 10/02/2027 Span Gas Expiration Date: 09/11/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mounain

DATE: 1/27/2024

TIME: 9:08 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004969

#### 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: 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 Mounain

DATE: 1/27/2024

TIME: 9:08 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004969

#### 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: 492 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 Mounain

DATE: 1/27/2024

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:08 AM	Time:	12:24 PM
Temperature:	55 °F	Temperature:	63 °F
Barometer:	30.27 " Hg	Barometer:	30.24 " Hg
Humidity:	81 %	Humidity:	70 %
Wind Speed:	7 mph	Wind Speed:	7 mph
Wind Direction:	NE °	Wind Direction:	NE °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mounain

DATE: 1/30/2024

TIME: 10:43 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004969

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: 497 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: Lusi Naivalurua

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: 304-402853898 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 10/02/2027 Span Gas Expiration Date: 09/11/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mounain

DATE: 1/30/2024

TIME: 10:43 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004969

#### 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: 6 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 (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: 7 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 Mounain

DATE: 1/30/2024

TIME: 10:43 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004969

#### 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: 497 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: Lusi Naivalurua

LANDFILL NAME: Ox Mounain

DATE: 1/30/2024

### 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</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:43 AM	Time:	3:44 PM
Temperature:	60 °F	Temperature:	61 °F
Barometer:	30.06 " Hg	Barometer:	29.97 " Hg
Humidity:	77 %	Humidity:	77 %
Wind Speed:	5 mph	Wind Speed:	9 mph
Wind Direction:	SW °	Wind Direction:	S °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 1/30/2024

TIME: 7:47 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: 2 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: 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: <u>21-8129</u>	Span Gas Serial Number: <u>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 1/30/2024

TIME: 7:47 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: 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: 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)

#### 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: 1/30/2024

TIME: 7:47 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: 497 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: 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: 1/30/2024

### 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:	7:47 AM	Time:	12:35 PM
Temperature:	53 °F	Temperature:	62 °F
Barometer:	30.06 " Hg	Barometer:	30.01 " Hg
Humidity:	84 %	Humidity:	74 %
Wind Speed:	3 mph	Wind Speed:	5 mph
Wind Direction:	S °	Wind Direction:	S °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 2/24/2024

TIME: 8:35 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: 497 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +0%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 2/24/2024

TIME: 8:35 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: 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: 5 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: 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: 2/24/2024

TIME: 8:35 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: 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: 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: 2/24/2024

### 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:	8:35 AM	Time:	12:28 PM
Temperature:	55 °F	Temperature:	68 °F
Barometer:	30.04 " Hg	Barometer:	30.04 " Hg
Humidity:	70 %	Humidity:	55 %
Wind Speed:	4 mph	Wind Speed:	3 mph
Wind Direction:	NE °	Wind Direction:	NE °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 2/28/2024

TIME: 10:23 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: 492 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: 492 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +2%

PERFORMED BY: Matt Bowman

**CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:**

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 2/28/2024

TIME: 10:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

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 (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 (1)

**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 (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: 2/28/2024

TIME: 10:23 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: 492 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 492 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: 492 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: 2/28/2024

### 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:	10:23 AM	Time:	4:43 PM
Temperature:	56 °F	Temperature:	58 °F
Barometer:	30.09 " Hg	Barometer:	30.03 " Hg
Humidity:	70 %	Humidity:	73 %
Wind Speed:	3 mph	Wind Speed:	4 mph
Wind Direction:	W °	Wind Direction:	W °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/8/2024

TIME: 7:00 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: 497 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: <u>21-8129</u>	Span Gas Serial Number: <u>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/8/2024

TIME: 7:00 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: 6 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:

$$\frac{(1)+(2)+(3)}{3}$$

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman



**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 3/8/2024

TIME: 7:00 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: 497 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: 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: 3/8/2024

### 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:	7:00 AM	Time:	12:21 PM
Temperature:	42 °F	Temperature:	61 °F
Barometer:	30.18 " Hg	Barometer:	30.17 " Hg
Humidity:	99 %	Humidity:	55 %
Wind Speed:	3 mph	Wind Speed:	4 mph
Wind Direction:	E °	Wind Direction:	N °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/16/2024

TIME: 7:13 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: 499 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: 499 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: 21-8129 Span Gas Serial Number: 30-402790174-1  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 09/11/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 3/16/2024

TIME: 7:13 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

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 #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: 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)

#### 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: 3/16/2024

TIME: 7:13 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: 499 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 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: 499 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: 3/16/2024

### 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:	7:13 AM	Time:	4:02 PM
Temperature:	48 °F	Temperature:	63 °F
Barometer:	29.98 " Hg	Barometer:	30.02 " Hg
Humidity:	88 %	Humidity:	67 %
Wind Speed:	3 mph	Wind Speed:	4 mph
Wind Direction:	S °	Wind Direction:	SW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/17/2024

TIME: 7:48 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>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/17/2024

TIME: 7:48 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: 6 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: 7 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: 3/17/2024

TIME: 7:48 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: 3/17/2024

### 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:	7:48 AM	Time:	3:47 PM
Temperature:	48 °F	Temperature:	60 °F
Barometer:	30.10 " Hg	Barometer:	30.09 " Hg
Humidity:	99 %	Humidity:	70 %
Wind Speed:	2 mph	Wind Speed:	4 mph
Wind Direction:	W °	Wind Direction:	SW °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/18/2024

TIME: 7:53 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: 493 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: 493 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>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/18/2024

TIME: 7:53 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**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: 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: 7 seconds (1)

**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 (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: 3/18/2024

TIME: 7:53 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: 493 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 493 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: 492 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: 3/18/2024

### 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:	7:53 AM	Time:	4:59 PM
Temperature:	50 °F	Temperature:	58 °F
Barometer:	30.13 " Hg	Barometer:	30.07 " Hg
Humidity:	96 %	Humidity:	79 %
Wind Speed:	2 mph	Wind Speed:	4 mph
Wind Direction:	NW °	Wind Direction:	W °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/21/2024

TIME: 2:08 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: 498 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: 30-402790174-1  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 09/11/2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/21/2024

TIME: 2:08 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: 5 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: 6 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: 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: 3/21/2024

TIME: 2:08 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: 498 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: 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: 3/21/2024

### 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:	2:08 PM	Time:	2:18 PM
Temperature:	63 °F	Temperature:	63 °F
Barometer:	30.14 " Hg	Barometer:	30.14 " Hg
Humidity:	69 %	Humidity:	69 %
Wind Speed:	5 mph	Wind Speed:	4 mph
Wind Direction:	W °	Wind Direction:	W °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/22/2024

TIME: 3:21 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: 500 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: 502 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: 21-8129

Span Gas Serial Number: 30-402790174-1

Zero Gas Expiration Date: 08/25/2025

Span Gas Expiration Date: 09/11/2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 3/22/2024

TIME: 3:21 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

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 (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: 5 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 502 ppm

90% of the Stabilized Reading: 451 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: 3/22/2024

TIME: 3:21 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: 500 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 502 ppm

Stable instrument reading: 
$$\frac{\text{Measurement \#1} + \text{Measurement \#2} + \text{Measurement \#3}}{3}$$

Stable instrument reading: 500 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: 3/22/2024

### 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:	3:21 PM	Time:	3:25 PM
Temperature:	61 °F	Temperature:	61 °F
Barometer:	29.96 " Hg	Barometer:	29.96 " Hg
Humidity:	78 %	Humidity:	80 %
Wind Speed:	9 mph	Wind Speed:	9 mph
Wind Direction:	S °	Wind Direction:	S °

**PART 1**  
**CALIBRATION PRECISION TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 4/9/2024

TIME: 9:17 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: 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>30-402790174-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>09/11/2027</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 4/9/2024

TIME: 9:17 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: 5 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: 5 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: 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: 4/9/2024

TIME: 9:17 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: 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: 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: 4/9/2024

### 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:	9:17 AM	Time:	11:26 AM
Temperature:	54 °F	Temperature:	60 °F
Barometer:	30.16 " Hg	Barometer:	30.17 " Hg
Humidity:	90 %	Humidity:	74 %
Wind Speed:	1 mph	Wind Speed:	3 mph
Wind Direction:	S °	Wind Direction:	W °

## 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
1/26/2024 6:00	51.0	0.0	1.0	ENE	0.0
1/26/2024 6:05	51.0	0.0	0.0		0.0
1/26/2024 6:10	51.0	0.0	0.0		0.0
1/26/2024 6:15	51.0	0.0	0.0		0.0
1/26/2024 6:20	51.0	0.0	1.0	NE	0.0
1/26/2024 6:25	51.0	0.0	1.0	NNW	0.0
1/26/2024 6:30	51.0	0.0	0.0		0.0
1/26/2024 6:35	51.0	0.0	2.0	WSW	0.0
1/26/2024 6:40	51.0	1.0	2.0	WSW	0.0
1/26/2024 6:45	51.0	0.0	0.0		0.0
1/26/2024 6:50	51.0	0.0	0.0		0.0
1/26/2024 6:55	51.0	0.0	0.0		0.0
1/26/2024 7:00	51.0	0.0	0.0		0.0
1/26/2024 7:05	51.0	0.0	0.0		0.0
1/26/2024 7:10	50.0	0.0	0.0		0.0
1/26/2024 7:15	50.0	0.0	0.0		0.0
1/26/2024 7:20	50.0	0.0	0.0		0.0
1/26/2024 7:25	50.0	0.0	0.0		0.0
1/26/2024 7:30	50.0	0.0	0.0		0.0
1/26/2024 7:35	50.0	0.0	0.0		0.0
1/26/2024 7:40	50.0	0.0	0.0		0.0
1/26/2024 7:45	50.0	0.0	0.0		0.0
1/26/2024 7:50	51.0	0.0	0.0		0.0
1/26/2024 7:55	51.0	0.0	0.0		0.0
1/26/2024 8:00	51.0	0.0	0.0		0.0
1/26/2024 8:05	52.0	0.0	0.0		0.0
1/26/2024 8:10	52.0	0.0	0.0		0.0
1/26/2024 8:15	52.0	0.0	0.0		0.0
1/26/2024 8:20	52.0	0.0	0.0		0.0
1/26/2024 8:25	52.0	0.0	0.0		0.0
1/26/2024 8:30	52.0	0.0	0.0		0.0
1/26/2024 8:35	52.0	0.0	0.0		0.0
1/26/2024 8:40	52.0	0.0	0.0		0.0
1/26/2024 8:45	53.0	0.0	0.0		0.0
1/26/2024 8:50	53.0	0.0	0.0		0.0
1/26/2024 8:55	53.0	0.0	0.0		0.0
1/26/2024 9:00	53.0	0.0	0.0		0.0
1/26/2024 9:05	53.0	0.0	0.0		0.0
1/26/2024 9:10	53.0	0.0	1.0	SW	0.0
1/26/2024 9:15	53.0	0.0	3.0	SSW	0.0
1/26/2024 9:20	54.0	0.0	1.0	SW	0.0
1/26/2024 9:25	54.0	0.0	0.0		0.0
1/26/2024 9:30	54.0	0.0	0.0		0.0
1/26/2024 9:35	54.0	0.0	0.0		0.0
1/26/2024 9:40	54.0	0.0	0.0		0.0
1/26/2024 9:45	55.0	2.0	4.0	NE	0.0
1/26/2024 9:50	55.0	2.0	5.0	NE	0.0
1/26/2024 9:55	55.0	2.0	5.0	NE	0.0
1/26/2024 10:00	55.0	2.0	4.0	E	0.0
1/26/2024 10:05	55.0	2.0	6.0	E	0.0
1/26/2024 10:10	55.0	1.0	6.0	E	0.0
1/26/2024 10:15	55.0	2.0	3.0	ENE	0.0
1/26/2024 10:20	55.0	3.0	6.0	NNE	0.0
1/26/2024 10:25	55.0	3.0	7.0	ENE	0.0
1/26/2024 10:30	55.0	2.0	4.0	NNE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
1/26/2024 10:35	55.0	2.0	4.0	NE	0.0
1/26/2024 10:40	55.0	2.0	4.0	NNE	0.0
1/26/2024 10:45	56.0	2.0	4.0	N	0.0
1/26/2024 10:50	56.0	2.0	6.0	E	0.0
1/26/2024 10:55	56.0	2.0	5.0	N	0.0
1/26/2024 11:00	56.0	2.0	5.0	NNE	0.0
1/26/2024 11:05	56.0	3.0	8.0	ENE	0.0
1/26/2024 11:10	56.0	2.0	5.0	NE	0.0
1/26/2024 11:15	56.0	3.0	5.0	NE	0.0
1/26/2024 11:20	56.0	2.0	5.0	NE	0.0
1/26/2024 11:25	56.0	3.0	7.0	ENE	0.0
1/26/2024 11:30	56.0	3.0	7.0	ENE	0.0
1/26/2024 11:35	56.0	4.0	7.0	E	0.0
1/26/2024 11:40	56.0	5.0	7.0	ESE	0.0
1/26/2024 11:45	56.0	3.0	4.0	ESE	0.0
1/26/2024 11:50	56.0	2.0	4.0	ESE	0.0
1/26/2024 11:55	56.0	2.0	4.0	E	0.0
1/26/2024 12:00	56.0	2.0	5.0	ESE	0.0
1/26/2024 12:05	57.0	1.0	3.0	ENE	0.0
1/26/2024 12:10	57.0	2.0	4.0	ESE	0.0
1/26/2024 12:15	57.0	1.0	2.0	ESE	0.0
1/26/2024 12:20	58.0	1.0	3.0	ESE	0.0
1/26/2024 12:25	58.0	1.0	3.0	ESE	0.0
1/26/2024 12:30	59.0	1.0	4.0	ESE	0.0
1/26/2024 12:35	59.0	2.0	4.0	E	0.0
1/26/2024 12:40	59.0	2.0	4.0	ESE	0.0
1/26/2024 12:45	59.0	3.0	6.0	E	0.0
1/26/2024 12:50	59.0	3.0	6.0	E	0.0
1/26/2024 12:55	58.0	2.0	5.0	NE	0.0
1/26/2024 13:00	58.0	3.0	4.0	NNE	0.0
1/26/2024 13:05	58.0	2.0	3.0	NNE	0.0
1/26/2024 13:10	58.0	1.0	3.0	NNE	0.0
1/26/2024 13:15	58.0	2.0	5.0	N	0.0
1/26/2024 13:20	58.0	2.0	5.0	NE	0.0
1/26/2024 13:25	58.0	4.0	9.0	NE	0.0
1/26/2024 13:30	58.0	4.0	8.0	NE	0.0
1/26/2024 13:35	57.0	3.0	6.0	NE	0.0
1/26/2024 13:40	57.0	3.0	6.0	NNE	0.0
1/26/2024 13:45	57.0	4.0	7.0	ENE	0.0
1/26/2024 13:50	57.0	2.0	5.0	NNE	0.0
1/26/2024 13:55	57.0	3.0	5.0	ENE	0.0
1/26/2024 14:00	57.0	2.0	5.0	ENE	0.0
1/26/2024 14:05	56.0	2.0	3.0	E	0.0
1/26/2024 14:10	56.0	3.0	6.0	E	0.0
1/26/2024 14:15	56.0	3.0	5.0	ESE	0.0
1/26/2024 14:20	56.0	1.0	2.0	ESE	0.0
1/26/2024 14:25	57.0	1.0	4.0	E	0.0
1/26/2024 14:30	57.0	1.0	3.0	ESE	0.0
1/26/2024 14:35	57.0	1.0	3.0	ESE	0.0
1/26/2024 14:40	57.0	0.0	1.0	SSE	0.0
1/26/2024 14:45	57.0	0.0	1.0	SE	0.0
1/26/2024 14:50	57.0	0.0	2.0	SE	0.0
1/26/2024 14:55	58.0	1.0	2.0	SE	0.0
1/26/2024 15:00	58.0	2.0	4.0	ESE	0.0
1/26/2024 15:05	58.0	2.0	3.0	E	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
1/26/2024 15:10	58.0	2.0	3.0	ESE	0.0
1/26/2024 15:15	58.0	1.0	3.0	ESE	0.0
1/26/2024 15:20	58.0	2.0	4.0	ESE	0.0
1/26/2024 15:25	58.0	2.0	3.0	ESE	0.0
1/26/2024 15:30	58.0	2.0	3.0	ESE	0.0
1/26/2024 15:35	58.0	0.0	2.0	ESE	0.0
1/26/2024 15:40	58.0	0.0	1.0	ESE	0.0
1/26/2024 15:45	58.0	0.0	2.0	ESE	0.0
1/26/2024 15:50	58.0	0.0	1.0	SSE	0.0
1/26/2024 15:55	58.0	0.0	0.0		0.0
1/26/2024 16:00	58.0	0.0	0.0		0.0
1/26/2024 16:05	59.0	2.0	4.0	ESE	0.0
1/26/2024 16:10	59.0	3.0	7.0	ENE	0.0
1/26/2024 16:15	58.0	3.0	7.0	E	0.0
1/26/2024 16:20	58.0	4.0	7.0	ESE	0.0
1/26/2024 16:25	58.0	5.0	7.0	E	0.0
1/26/2024 16:30	58.0	5.0	8.0	ESE	0.0
1/26/2024 16:35	57.0	5.0	9.0	E	0.0
1/26/2024 16:40	57.0	5.0	8.0	E	0.0
1/26/2024 16:45	57.0	4.0	7.0	ESE	0.0
1/26/2024 16:50	58.0	2.0	4.0	E	0.0
1/26/2024 16:55	58.0	1.0	3.0	ENE	0.0
1/26/2024 17:00	58.0	0.0	1.0	ENE	0.0
1/26/2024 17:05	58.0	0.0	0.0		0.0
1/26/2024 17:10	58.0	0.0	0.0		0.0
1/26/2024 17:15	58.0	0.0	0.0		0.0
1/26/2024 17:20	58.0	0.0	0.0		0.0
1/26/2024 17:25	58.0	0.0	0.0		0.0
1/26/2024 17:30	58.0	0.0	0.0		0.0
1/26/2024 17:35	58.0	0.0	0.0		0.0
1/26/2024 17:40	58.0	0.0	0.0		0.0
1/26/2024 17:45	58.0	0.0	0.0		0.0
1/26/2024 17:50	57.0	0.0	1.0	ENE	0.0
1/26/2024 17:55	57.0	0.0	0.0		0.0
1/26/2024 18:00	57.0	0.0	0.0		0.0
1/27/2024 6:00	52.0	0.0	1.0	W	0.0
1/27/2024 6:05	52.0	0.0	0.0		0.0
1/27/2024 6:10	52.0	0.0	0.0		0.0
1/27/2024 6:15	52.0	0.0	0.0		0.0
1/27/2024 6:20	52.0	0.0	1.0	W	0.0
1/27/2024 6:25	52.0	0.0	0.0		0.0
1/27/2024 6:30	52.0	0.0	1.0	W	0.0
1/27/2024 6:35	52.0	0.0	2.0	SSW	0.0
1/27/2024 6:40	52.0	0.0	1.0	SSW	0.0
1/27/2024 6:45	52.0	0.0	2.0	SSW	0.0
1/27/2024 6:50	52.0	0.0	1.0	SSW	0.0
1/27/2024 6:55	52.0	0.0	2.0	SSW	0.0
1/27/2024 7:00	52.0	0.0	2.0	SSW	0.0
1/27/2024 7:05	51.0	1.0	3.0	SW	0.0
1/27/2024 7:10	51.0	0.0	0.0		0.0
1/27/2024 7:15	51.0	0.0	0.0		0.0
1/27/2024 7:20	51.0	0.0	0.0		0.0
1/27/2024 7:25	51.0	0.0	0.0		0.0
1/27/2024 7:30	51.0	0.0	0.0		0.0
1/27/2024 7:35	51.0	0.0	0.0		0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
1/27/2024 7:40	51.0	1.0	4.0	SSW	0.0
1/27/2024 7:45	51.0	2.0	5.0	SW	0.0
1/27/2024 7:50	51.0	1.0	5.0	S	0.0
1/27/2024 7:55	51.0	3.0	5.0	SSW	0.0
1/27/2024 8:00	52.0	2.0	4.0	SSW	0.0
1/27/2024 8:05	52.0	1.0	3.0	SSW	0.0
1/27/2024 8:10	52.0	1.0	3.0	SSW	0.0
1/27/2024 8:15	52.0	0.0	2.0	SW	0.0
1/27/2024 8:20	52.0	1.0	3.0	WSW	0.0
1/27/2024 8:25	53.0	2.0	5.0	SW	0.0
1/27/2024 8:30	53.0	1.0	3.0	SW	0.0
1/27/2024 8:35	54.0	1.0	3.0	WNW	0.0
1/27/2024 8:40	54.0	1.0	2.0	WNW	0.0
1/27/2024 8:45	54.0	1.0	2.0	WNW	0.0
1/27/2024 8:50	54.0	1.0	2.0	NNW	0.0
1/27/2024 8:55	54.0	3.0	4.0	WSW	0.0
1/27/2024 9:00	54.0	2.0	4.0	WSW	0.0
1/27/2024 9:05	53.0	3.0	5.0	W	0.0
1/27/2024 9:10	53.0	2.0	4.0	W	0.0
1/27/2024 9:15	54.0	2.0	4.0	W	0.0
1/27/2024 9:20	54.0	2.0	4.0	WSW	0.0
1/27/2024 9:25	54.0	2.0	3.0	W	0.0
1/27/2024 9:30	54.0	2.0	4.0	WSW	0.0
1/27/2024 9:35	54.0	1.0	2.0	W	0.0
1/27/2024 9:40	54.0	1.0	3.0	NW	0.0
1/27/2024 9:45	55.0	1.0	2.0	NW	0.0
1/27/2024 9:50	55.0	1.0	2.0	NW	0.0
1/27/2024 9:55	55.0	1.0	2.0	NW	0.0
1/27/2024 10:00	55.0	1.0	3.0	NE	0.0
1/27/2024 10:05	55.0	1.0	3.0	NNE	0.0
1/27/2024 10:10	55.0	0.0	2.0	NNW	0.0
1/27/2024 10:15	56.0	0.0	1.0	N	0.0
1/27/2024 10:20	56.0	0.0	0.0		0.0
1/27/2024 10:25	56.0	0.0	0.0		0.0
1/27/2024 10:30	57.0	0.0	0.0		0.0
1/27/2024 10:35	57.0	2.0	7.0	W	0.0
1/27/2024 10:40	58.0	2.0	4.0	WSW	0.0
1/27/2024 10:45	58.0	2.0	5.0	WSW	0.0
1/27/2024 10:50	58.0	1.0	5.0	WSW	0.0
1/27/2024 10:55	58.0	1.0	3.0	WSW	0.0
1/27/2024 11:00	59.0	2.0	5.0	W	0.0
1/27/2024 11:05	59.0	3.0	6.0	W	0.0
1/27/2024 11:10	59.0	1.0	3.0	WSW	0.0
1/27/2024 11:15	59.0	1.0	4.0	WNW	0.0
1/27/2024 11:20	59.0	2.0	4.0	WNW	0.0
1/27/2024 11:25	59.0	1.0	3.0	W	0.0
1/27/2024 11:30	60.0	1.0	3.0	WNW	0.0
1/27/2024 11:35	60.0	1.0	3.0	W	0.0
1/27/2024 11:40	60.0	1.0	3.0	W	0.0
1/27/2024 11:45	60.0	2.0	5.0	NNW	0.0
1/27/2024 11:50	60.0	2.0	4.0	WNW	0.0
1/27/2024 11:55	60.0	2.0	5.0	NNW	0.0
1/27/2024 12:00	60.0	3.0	6.0	WNW	0.0
1/27/2024 12:05	60.0	3.0	6.0	WNW	0.0
1/27/2024 12:10	60.0	3.0	6.0	WNW	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
1/27/2024 12:15	60.0	3.0	6.0	WNW	0.0
1/27/2024 12:20	60.0	4.0	7.0	NW	0.0
1/27/2024 12:25	60.0	2.0	6.0	WNW	0.0
1/27/2024 12:30	60.0	3.0	5.0	NW	0.0
1/27/2024 12:35	60.0	2.0	5.0	NW	0.0
1/27/2024 12:40	60.0	2.0	4.0	NW	0.0
1/27/2024 12:45	60.0	3.0	6.0	WNW	0.0
1/27/2024 12:50	60.0	3.0	6.0	NNE	0.0
1/27/2024 12:55	61.0	3.0	6.0	WNW	0.0
1/27/2024 13:00	61.0	3.0	6.0	WNW	0.0
1/27/2024 13:05	61.0	3.0	7.0	NW	0.0
1/27/2024 13:10	61.0	3.0	7.0	NW	0.0
1/27/2024 13:15	62.0	2.0	6.0	WNW	0.0
1/27/2024 13:20	62.0	2.0	6.0	WNW	0.0
1/27/2024 13:25	62.0	2.0	5.0	N	0.0
1/27/2024 13:30	62.0	2.0	5.0	NNW	0.0
1/27/2024 13:35	63.0	2.0	6.0	NNE	0.0
1/27/2024 13:40	63.0	4.0	7.0	NNW	0.0
1/27/2024 13:45	63.0	3.0	6.0	NNW	0.0
1/27/2024 13:50	63.0	2.0	5.0	NNW	0.0
1/27/2024 13:55	63.0	2.0	5.0	NNW	0.0
1/27/2024 14:00	63.0	2.0	6.0	NNW	0.0
1/27/2024 14:05	63.0	2.0	4.0	NW	0.0
1/27/2024 14:10	63.0	2.0	5.0	NNW	0.0
1/27/2024 14:15	64.0	1.0	3.0	NNE	0.0
1/27/2024 14:20	64.0	2.0	5.0	NNW	0.0
1/27/2024 14:25	64.0	2.0	5.0	NNE	0.0
1/27/2024 14:30	64.0	3.0	5.0	N	0.0
1/27/2024 14:35	64.0	2.0	5.0	NNE	0.0
1/27/2024 14:40	64.0	2.0	3.0	NW	0.0
1/27/2024 14:45	64.0	2.0	5.0	N	0.0
1/27/2024 14:50	64.0	2.0	5.0	N	0.0
1/27/2024 14:55	64.0	1.0	4.0	N	0.0
1/27/2024 15:00	64.0	4.0	7.0	E	0.0
1/27/2024 15:05	63.0	4.0	7.0	ENE	0.0
1/27/2024 15:10	62.0	3.0	7.0	ENE	0.0
1/27/2024 15:15	62.0	2.0	4.0	NE	0.0
1/27/2024 15:20	62.0	4.0	6.0	E	0.0
1/27/2024 15:25	62.0	4.0	7.0	ESE	0.0
1/27/2024 15:30	61.0	5.0	7.0	ESE	0.0
1/27/2024 15:35	60.0	3.0	6.0	E	0.0
1/27/2024 15:40	60.0	2.0	3.0	E	0.0
1/27/2024 15:45	60.0	3.0	4.0	ESE	0.0
1/27/2024 15:50	60.0	3.0	4.0	ESE	0.0
1/27/2024 15:55	60.0	3.0	6.0	E	0.0
1/27/2024 16:00	60.0	3.0	6.0	E	0.0
1/27/2024 16:05	60.0	3.0	4.0	E	0.0
1/27/2024 16:10	60.0	3.0	5.0	ESE	0.0
1/27/2024 16:15	60.0	4.0	7.0	SE	0.0
1/27/2024 16:20	59.0	4.0	7.0	ESE	0.0
1/27/2024 16:25	59.0	5.0	7.0	E	0.0
1/27/2024 16:30	59.0	4.0	7.0	E	0.0
1/27/2024 16:35	59.0	4.0	7.0	ESE	0.0
1/27/2024 16:40	59.0	4.0	6.0	ESE	0.0
1/27/2024 16:45	59.0	4.0	8.0	E	0.0



### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
1/27/2024 16:50	59.0	4.0	7.0	ESE	0.0
1/27/2024 16:55	59.0	1.0	3.0	ESE	0.0
1/27/2024 17:00	59.0	0.0	2.0	SW	0.0
1/27/2024 17:05	59.0	0.0	2.0	SW	0.0
1/27/2024 17:10	59.0	0.0	1.0	SW	0.0
1/27/2024 17:15	59.0	1.0	2.0	NE	0.0
1/27/2024 17:20	59.0	3.0	7.0	ESE	0.0
1/27/2024 17:25	59.0	2.0	5.0	SE	0.0
1/27/2024 17:30	59.0	1.0	3.0	E	0.0
1/27/2024 17:35	59.0	0.0	3.0	NE	0.0
1/27/2024 17:40	59.0	1.0	3.0	ESE	0.0
1/27/2024 17:45	59.0	1.0	3.0	ESE	0.0
1/27/2024 17:50	60.0	1.0	3.0	SSW	0.0
1/27/2024 17:55	60.0	2.0	5.0	SSW	0.0
1/27/2024 18:00	60.0	1.0	3.0	SW	0.0
1/30/2024 6:00	55.0	4.0	7.0	WNW	0.0
1/30/2024 6:05	55.0	4.0	9.0	WNW	0.0
1/30/2024 6:10	55.0	4.0	8.0	WNW	0.0
1/30/2024 6:15	55.0	4.0	8.0	NW	0.0
1/30/2024 6:20	55.0	3.0	5.0	NW	0.0
1/30/2024 6:25	55.0	5.0	9.0	WNW	0.0
1/30/2024 6:30	55.0	4.0	9.0	NW	0.0
1/30/2024 6:35	54.0	4.0	8.0	W	0.0
1/30/2024 6:40	54.0	5.0	9.0	W	0.0
1/30/2024 6:45	54.0	5.0	9.0	WNW	0.0
1/30/2024 6:50	54.0	4.0	8.0	NW	0.0
1/30/2024 6:55	54.0	2.0	6.0	WNW	0.0
1/30/2024 7:00	54.0	1.0	3.0	NW	0.0
1/30/2024 7:05	54.0	2.0	4.0	WNW	0.0
1/30/2024 7:10	54.0	3.0	6.0	WNW	0.0
1/30/2024 7:15	54.0	1.0	5.0	NNW	0.0
1/30/2024 7:20	54.0	0.0	3.0	N	0.0
1/30/2024 7:25	54.0	0.0	2.0	ENE	0.0
1/30/2024 7:30	54.0	1.0	3.0	ENE	0.0
1/30/2024 7:35	54.0	2.0	6.0	E	0.0
1/30/2024 7:40	54.0	1.0	3.0	SE	0.0
1/30/2024 7:45	54.0	0.0	1.0	ESE	0.0
1/30/2024 7:50	54.0	0.0	0.0		0.0
1/30/2024 7:55	54.0	0.0	0.0		0.0
1/30/2024 8:00	54.0	0.0	0.0		0.0
1/30/2024 8:05	54.0	0.0	0.0		0.0
1/30/2024 8:10	54.0	0.0	0.0		0.0
1/30/2024 8:15	54.0	0.0	0.0		0.0
1/30/2024 8:20	54.0	1.0	2.0	WSW	0.0
1/30/2024 8:25	54.0	0.0	2.0	W	0.0
1/30/2024 8:30	54.0	1.0	3.0	ESE	0.0
1/30/2024 8:35	54.0	2.0	4.0	ESE	0.0
1/30/2024 8:40	54.0	1.0	4.0	ESE	0.0
1/30/2024 8:45	54.0	5.0	8.0	ESE	0.0
1/30/2024 8:50	55.0	3.0	7.0	ESE	0.0
1/30/2024 8:55	55.0	2.0	4.0	ESE	0.0
1/30/2024 9:00	55.0	1.0	3.0	ESE	0.0
1/30/2024 9:05	55.0	1.0	3.0	SSW	0.0
1/30/2024 9:10	55.0	0.0	3.0	S	0.0
1/30/2024 9:15	55.0	1.0	3.0	SSW	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
1/30/2024 9:20	56.0	1.0	4.0	SW	0.0
1/30/2024 9:25	56.0	2.0	4.0	S	0.0
1/30/2024 9:30	57.0	1.0	4.0	S	0.0
1/30/2024 9:35	57.0	2.0	5.0	S	0.0
1/30/2024 9:40	58.0	3.0	5.0	S	0.0
1/30/2024 9:45	58.0	2.0	5.0	S	0.0
1/30/2024 9:50	58.0	2.0	5.0	S	0.0
1/30/2024 9:55	58.0	2.0	5.0	SSE	0.0
1/30/2024 10:00	58.0	2.0	4.0	SE	0.0
1/30/2024 10:05	59.0	2.0	7.0	SSW	0.0
1/30/2024 10:10	59.0	2.0	4.0	SSE	0.0
1/30/2024 10:15	60.0	3.0	5.0	SSW	0.0
1/30/2024 10:20	60.0	3.0	5.0	S	0.0
1/30/2024 10:25	60.0	1.0	4.0	S	0.0
1/30/2024 10:30	61.0	1.0	2.0	SSW	0.0
1/30/2024 10:35	62.0	1.0	5.0	SSW	0.0
1/30/2024 10:40	62.0	1.0	5.0	S	0.0
1/30/2024 10:45	63.0	1.0	3.0	WSW	0.0
1/30/2024 10:50	63.0	1.0	3.0	WSW	0.0
1/30/2024 10:55	64.0	1.0	5.0	SW	0.0
1/30/2024 11:00	64.0	0.0	2.0	SW	0.0
1/30/2024 11:05	64.0	0.0	3.0	W	0.0
1/30/2024 11:10	65.0	1.0	4.0	WSW	0.0
1/30/2024 11:15	65.0	2.0	4.0	WNW	0.0
1/30/2024 11:20	66.0	2.0	4.0	WNW	0.0
1/30/2024 11:25	66.0	1.0	4.0	NNW	0.0
1/30/2024 11:30	66.0	1.0	3.0	N	0.0
1/30/2024 11:35	66.0	1.0	3.0	ENE	0.0
1/30/2024 11:40	66.0	1.0	3.0	E	0.0
1/30/2024 11:45	66.0	1.0	4.0	N	0.0
1/30/2024 11:50	66.0	4.0	8.0	ESE	0.0
1/30/2024 11:55	64.0	4.0	8.0	ESE	0.0
1/30/2024 12:00	63.0	5.0	8.0	E	0.0
1/30/2024 12:05	62.0	5.0	8.0	E	0.0
1/30/2024 12:10	61.0	3.0	6.0	E	0.0
1/30/2024 12:15	61.0	3.0	6.0	ENE	0.0
1/30/2024 12:20	61.0	3.0	7.0	ENE	0.0
1/30/2024 12:25	61.0	3.0	7.0	ENE	0.0
1/30/2024 12:30	61.0	3.0	5.0	NNE	0.0
1/30/2024 12:35	61.0	3.0	5.0	N	0.0
1/30/2024 12:40	61.0	2.0	4.0	NE	0.0
1/30/2024 12:45	61.0	2.0	4.0	N	0.0
1/30/2024 12:50	61.0	3.0	6.0	E	0.0
1/30/2024 12:55	61.0	3.0	7.0	E	0.0
1/30/2024 13:00	61.0	2.0	7.0	ESE	0.0
1/30/2024 13:05	61.0	5.0	7.0	E	0.0
1/30/2024 13:10	61.0	4.0	6.0	E	0.0
1/30/2024 13:15	61.0	3.0	6.0	E	0.0
1/30/2024 13:20	61.0	4.0	7.0	E	0.0
1/30/2024 13:25	61.0	4.0	9.0	ESE	0.0
1/30/2024 13:30	61.0	4.0	7.0	ESE	0.0
1/30/2024 13:35	61.0	4.0	7.0	ESE	0.0
1/30/2024 13:40	61.0	5.0	9.0	E	0.0
1/30/2024 13:45	61.0	6.0	10.0	ESE	0.0
1/30/2024 13:50	61.0	8.0	12.0	ESE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
1/30/2024 13:55	60.0	9.0	13.0	E	0.0
1/30/2024 14:00	60.0	7.0	10.0	ESE	0.0
1/30/2024 14:05	60.0	7.0	11.0	E	0.0
1/30/2024 14:10	60.0	7.0	10.0	E	0.0
1/30/2024 14:15	60.0	5.0	8.0	ESE	0.0
1/30/2024 14:20	60.0	4.0	7.0	ESE	0.0
1/30/2024 14:25	61.0	5.0	8.0	E	0.0
1/30/2024 14:30	61.0	5.0	8.0	ESE	0.0
1/30/2024 14:35	62.0	6.0	9.0	E	0.0
1/30/2024 14:40	62.0	6.0	10.0	ESE	0.0
1/30/2024 14:45	62.0	9.0	12.0	ESE	0.0
1/30/2024 14:50	61.0	4.0	10.0	ESE	0.0
1/30/2024 14:55	61.0	3.0	6.0	ESE	0.0
1/30/2024 15:00	62.0	2.0	4.0	S	0.0
1/30/2024 15:05	62.0	3.0	6.0	SSE	0.0
1/30/2024 15:10	62.0	3.0	8.0	E	0.0
1/30/2024 15:15	63.0	5.0	10.0	ESE	0.0
1/30/2024 15:20	63.0	8.0	12.0	ESE	0.0
1/30/2024 15:25	62.0	9.0	15.0	ESE	0.0
1/30/2024 15:30	62.0	7.0	11.0	SE	0.0
1/30/2024 15:35	61.0	7.0	11.0	ESE	0.0
1/30/2024 15:40	61.0	4.0	9.0	SE	0.0
1/30/2024 15:45	61.0	3.0	6.0	E	0.0
1/30/2024 15:50	60.0	3.0	7.0	SE	0.0
1/30/2024 15:55	60.0	3.0	7.0	SE	0.0
1/30/2024 16:00	60.0	2.0	8.0	SSE	0.0
1/30/2024 16:05	60.0	4.0	8.0	ESE	0.0
1/30/2024 16:10	60.0	2.0	6.0	S	0.0
1/30/2024 16:15	60.0	2.0	6.0	ESE	0.0
1/30/2024 16:20	60.0	2.0	6.0	ESE	0.0
1/30/2024 16:25	60.0	2.0	5.0	S	0.0
1/30/2024 16:30	60.0	2.0	8.0	ESE	0.0
1/30/2024 16:35	60.0	3.0	7.0	ESE	0.0
1/30/2024 16:40	60.0	2.0	5.0	S	0.0
1/30/2024 16:45	60.0	2.0	5.0	SSW	0.0
1/30/2024 16:50	60.0	1.0	3.0	S	0.0
1/30/2024 16:55	60.0	1.0	2.0	SE	0.0
1/30/2024 17:00	60.0	1.0	4.0	S	0.0
1/30/2024 17:05	60.0	1.0	2.0	S	0.0
1/30/2024 17:10	60.0	1.0	4.0	S	0.0
1/30/2024 17:15	60.0	1.0	3.0	SE	0.0
1/30/2024 17:20	60.0	1.0	3.0	S	0.0
1/30/2024 17:25	60.0	1.0	4.0	S	0.0
1/30/2024 17:30	60.0	2.0	5.0	SSW	0.0
1/30/2024 17:35	60.0	0.0	2.0	S	0.0
1/30/2024 17:40	60.0	1.0	3.0	S	0.0
1/30/2024 17:45	60.0	0.0	2.0	SSE	0.0
1/30/2024 17:50	60.0	1.0	3.0	S	0.0
1/30/2024 17:55	60.0	1.0	4.0	S	0.0
1/30/2024 18:00	60.0	1.0	4.0	SSW	0.0
2/12/2024 6:00	44.0	0.0	0.0		0.0
2/12/2024 6:05	44.0	0.0	0.0		0.0
2/12/2024 6:10	44.0	0.0	0.0		0.0
2/12/2024 6:15	44.0	0.0	0.0		0.0
2/12/2024 6:20	44.0	0.0	0.0		0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/12/2024 6:25	44.0	0.0	0.0		0.0
2/12/2024 6:30	44.0	0.0	0.0		0.0
2/12/2024 6:35	44.0	0.0	0.0		0.0
2/12/2024 6:40	44.0	0.0	0.0		0.0
2/12/2024 6:45	44.0	0.0	0.0		0.0
2/12/2024 6:50	44.0	0.0	0.0		0.0
2/12/2024 6:55	44.0	0.0	0.0		0.0
2/12/2024 7:00	44.0	0.0	0.0		0.0
2/12/2024 7:05	44.0	0.0	0.0		0.0
2/12/2024 7:10	44.0	0.0	0.0		0.0
2/12/2024 7:15	44.0	0.0	0.0		0.0
2/12/2024 7:20	44.0	0.0	0.0		0.0
2/12/2024 7:25	45.0	0.0	0.0		0.0
2/12/2024 7:30	45.0	0.0	0.0		0.0
2/12/2024 7:35	45.0	0.0	0.0		0.0
2/12/2024 7:40	45.0	0.0	0.0		0.0
2/12/2024 7:45	45.0	0.0	0.0		0.0
2/12/2024 7:50	45.0	0.0	0.0		0.0
2/12/2024 7:55	45.0	0.0	0.0		0.0
2/12/2024 8:00	45.0	0.0	0.0		0.0
2/12/2024 8:05	46.0	0.0	0.0		0.0
2/12/2024 8:10	46.0	0.0	0.0		0.0
2/12/2024 8:15	46.0	0.0	0.0		0.0
2/12/2024 8:20	46.0	0.0	0.0		0.0
2/12/2024 8:25	46.0	0.0	0.0		0.0
2/12/2024 8:30	46.0	0.0	0.0		0.0
2/12/2024 8:35	46.0	0.0	0.0		0.0
2/12/2024 8:40	47.0	0.0	0.0		0.0
2/12/2024 8:45	47.0	0.0	0.0		0.0
2/12/2024 8:50	48.0	0.0	0.0		0.0
2/12/2024 8:55	49.0	0.0	0.0		0.0
2/12/2024 9:00	49.0	0.0	0.0		0.0
2/12/2024 9:05	50.0	0.0	0.0		0.0
2/12/2024 9:10	50.0	0.0	0.0		0.0
2/12/2024 9:15	50.0	0.0	4.0	ENE	0.0
2/12/2024 9:20	50.0	0.0	2.0	NNE	0.0
2/12/2024 9:25	50.0	1.0	6.0	NNE	0.0
2/12/2024 9:30	50.0	1.0	4.0	NE	0.0
2/12/2024 9:35	50.0	1.0	4.0	NNW	0.0
2/12/2024 9:40	49.0	0.0	3.0	N	0.0
2/12/2024 9:45	50.0	0.0	2.0	NNE	0.0
2/12/2024 9:50	50.0	0.0	1.0	N	0.0
2/12/2024 9:55	50.0	0.0	1.0	NNE	0.0
2/12/2024 10:00	50.0	0.0	0.0		0.0
2/12/2024 10:05	51.0	0.0	0.0		0.0
2/12/2024 10:10	51.0	0.0	0.0		0.0
2/12/2024 10:15	51.0	0.0	3.0	W	0.0
2/12/2024 10:20	51.0	1.0	6.0	WNW	0.0
2/12/2024 10:25	51.0	0.0	3.0	NW	0.0
2/12/2024 10:30	51.0	0.0	3.0	NW	0.0
2/12/2024 10:35	52.0	1.0	5.0	NNW	0.0
2/12/2024 10:40	52.0	1.0	4.0	NNW	0.0
2/12/2024 10:45	52.0	0.0	1.0	WNW	0.0
2/12/2024 10:50	52.0	0.0	1.0	WNW	0.0
2/12/2024 10:55	53.0	0.0	4.0	NNW	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/12/2024 11:00	53.0	0.0	4.0	NNW	0.0
2/12/2024 11:05	54.0	0.0	1.0	ENE	0.0
2/12/2024 11:10	54.0	0.0	1.0	NNE	0.0
2/12/2024 11:15	54.0	0.0	0.0		0.0
2/12/2024 11:20	54.0	0.0	4.0	NNE	0.0
2/12/2024 11:25	54.0	0.0	1.0	ENE	0.0
2/12/2024 11:30	54.0	1.0	5.0	NE	0.0
2/12/2024 11:35	53.0	1.0	5.0	NE	0.0
2/12/2024 11:40	53.0	1.0	5.0	NE	0.0
2/12/2024 11:45	53.0	2.0	7.0	N	0.0
2/12/2024 11:50	53.0	3.0	6.0	NNE	0.0
2/12/2024 11:55	53.0	3.0	6.0	NE	0.0
2/12/2024 12:00	53.0	2.0	5.0	N	0.0
2/12/2024 12:05	53.0	2.0	5.0	N	0.0
2/12/2024 12:10	53.0	1.0	5.0	N	0.0
2/12/2024 12:15	53.0	1.0	6.0	NE	0.0
2/12/2024 12:20	54.0	2.0	9.0	ENE	0.0
2/12/2024 12:25	53.0	4.0	9.0	ENE	0.0
2/12/2024 12:30	53.0	3.0	8.0	ENE	0.0
2/12/2024 12:35	53.0	2.0	7.0	ENE	0.0
2/12/2024 12:40	53.0	2.0	7.0	ENE	0.0
2/12/2024 12:45	53.0	2.0	7.0	ENE	0.0
2/12/2024 12:50	53.0	3.0	7.0	ENE	0.0
2/12/2024 12:55	53.0	1.0	4.0	E	0.0
2/12/2024 13:00	53.0	1.0	5.0	ESE	0.0
2/12/2024 13:05	53.0	0.0	3.0	NE	0.0
2/12/2024 13:10	54.0	0.0	3.0	ESE	0.0
2/12/2024 13:15	54.0	0.0	2.0	E	0.0
2/12/2024 13:20	54.0	2.0	6.0	ESE	0.0
2/12/2024 13:25	54.0	6.0	11.0	E	0.0
2/12/2024 13:30	54.0	8.0	12.0	E	0.0
2/12/2024 13:35	53.0	6.0	12.0	E	0.0
2/12/2024 13:40	53.0	7.0	11.0	ESE	0.0
2/12/2024 13:45	53.0	6.0	10.0	ESE	0.0
2/12/2024 13:50	54.0	5.0	9.0	ESE	0.0
2/12/2024 13:55	54.0	5.0	9.0	SE	0.0
2/12/2024 14:00	54.0	1.0	7.0	E	0.0
2/12/2024 14:05	55.0	2.0	7.0	ESE	0.0
2/12/2024 14:10	56.0	1.0	5.0	S	0.0
2/12/2024 14:15	57.0	1.0	6.0	SE	0.0
2/12/2024 14:20	57.0	1.0	8.0	S	0.0
2/12/2024 14:25	57.0	1.0	8.0	S	0.0
2/12/2024 14:30	58.0	1.0	3.0	S	0.0
2/12/2024 14:35	58.0	1.0	5.0	SE	0.0
2/12/2024 14:40	58.0	3.0	8.0	E	0.0
2/12/2024 14:45	58.0	4.0	9.0	ESE	0.0
2/12/2024 14:50	58.0	5.0	10.0	ESE	0.0
2/12/2024 14:55	58.0	7.0	11.0	ENE	0.0
2/12/2024 15:00	57.0	7.0	10.0	E	0.0
2/12/2024 15:05	56.0	8.0	12.0	ENE	0.0
2/12/2024 15:10	56.0	5.0	9.0	E	0.0
2/12/2024 15:15	56.0	6.0	9.0	E	0.0
2/12/2024 15:20	57.0	6.0	10.0	E	0.0
2/12/2024 15:25	57.0	7.0	11.0	ESE	0.0
2/12/2024 15:30	57.0	4.0	10.0	ENE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/12/2024 15:35	57.0	8.0	11.0	ESE	0.0
2/12/2024 15:40	57.0	7.0	11.0	E	0.0
2/12/2024 15:45	57.0	5.0	9.0	ESE	0.0
2/12/2024 15:50	57.0	6.0	9.0	ESE	0.0
2/12/2024 15:55	58.0	5.0	8.0	ESE	0.0
2/12/2024 16:00	58.0	6.0	10.0	ENE	0.0
2/12/2024 16:05	58.0	6.0	10.0	E	0.0
2/12/2024 16:10	58.0	6.0	10.0	ENE	0.0
2/12/2024 16:15	58.0	6.0	8.0	E	0.0
2/12/2024 16:20	58.0	6.0	9.0	E	0.0
2/12/2024 16:25	58.0	5.0	9.0	E	0.0
2/12/2024 16:30	58.0	6.0	9.0	E	0.0
2/12/2024 16:35	58.0	5.0	8.0	ESE	0.0
2/12/2024 16:40	58.0	4.0	8.0	ESE	0.0
2/12/2024 16:45	58.0	7.0	10.0	E	0.0
2/12/2024 16:50	58.0	6.0	11.0	E	0.0
2/12/2024 16:55	58.0	5.0	8.0	ESE	0.0
2/12/2024 17:00	58.0	4.0	8.0	E	0.0
2/12/2024 17:05	58.0	5.0	8.0	E	0.0
2/12/2024 17:10	58.0	6.0	9.0	ESE	0.0
2/12/2024 17:15	57.0	3.0	7.0	E	0.0
2/12/2024 17:20	57.0	4.0	7.0	E	0.0
2/12/2024 17:25	57.0	4.0	7.0	E	0.0
2/12/2024 17:30	57.0	5.0	8.0	ESE	0.0
2/12/2024 17:35	57.0	5.0	9.0	E	0.0
2/12/2024 17:40	57.0	4.0	7.0	ESE	0.0
2/12/2024 17:45	57.0	4.0	8.0	ESE	0.0
2/12/2024 17:50	56.0	3.0	7.0	E	0.0
2/12/2024 17:55	56.0	4.0	7.0	ESE	0.0
2/12/2024 18:00	56.0	4.0	7.0	E	0.0
2/13/2024 6:00	46.0	0.0	0.0		0.0
2/13/2024 6:05	46.0	0.0	0.0		0.0
2/13/2024 6:10	46.0	0.0	0.0		0.0
2/13/2024 6:15	46.0	0.0	0.0		0.0
2/13/2024 6:20	46.0	0.0	0.0		0.0
2/13/2024 6:25	46.0	1.0	4.0	WSW	0.0
2/13/2024 6:30	46.0	0.0	0.0		0.0
2/13/2024 6:35	46.0	0.0	0.0		0.0
2/13/2024 6:40	46.0	0.0	4.0	W	0.0
2/13/2024 6:45	46.0	0.0	1.0	W	0.0
2/13/2024 6:50	46.0	0.0	0.0		0.0
2/13/2024 6:55	46.0	0.0	0.0		0.0
2/13/2024 7:00	46.0	0.0	0.0		0.0
2/13/2024 7:05	46.0	0.0	0.0		0.0
2/13/2024 7:10	46.0	0.0	0.0		0.0
2/13/2024 7:15	46.0	0.0	0.0		0.0
2/13/2024 7:20	46.0	0.0	0.0		0.0
2/13/2024 7:25	46.0	0.0	0.0		0.0
2/13/2024 7:30	46.0	0.0	0.0		0.0
2/13/2024 7:35	46.0	0.0	0.0		0.0
2/13/2024 7:40	46.0	0.0	0.0		0.0
2/13/2024 7:45	47.0	0.0	0.0		0.0
2/13/2024 7:50	47.0	0.0	1.0	WSW	0.0
2/13/2024 7:55	47.0	0.0	3.0	WSW	0.0
2/13/2024 8:00	47.0	0.0	0.0		0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/13/2024 8:05	47.0	0.0	0.0		0.0
2/13/2024 8:10	48.0	0.0	1.0	W	0.0
2/13/2024 8:15	48.0	0.0	0.0		0.0
2/13/2024 8:20	48.0	0.0	3.0	WNW	0.0
2/13/2024 8:25	49.0	2.0	6.0	WNW	0.0
2/13/2024 8:30	50.0	5.0	8.0	WNW	0.0
2/13/2024 8:35	50.0	3.0	8.0	W	0.0
2/13/2024 8:40	50.0	2.0	8.0	WNW	0.0
2/13/2024 8:45	51.0	3.0	7.0	NW	0.0
2/13/2024 8:50	52.0	4.0	8.0	NW	0.0
2/13/2024 8:55	52.0	3.0	7.0	WNW	0.0
2/13/2024 9:00	52.0	1.0	7.0	WNW	0.0
2/13/2024 9:05	53.0	0.0	4.0	NNW	0.0
2/13/2024 9:10	53.0	2.0	7.0	NNW	0.0
2/13/2024 9:15	53.0	1.0	7.0	NNW	0.0
2/13/2024 9:20	53.0	2.0	7.0	NNW	0.0
2/13/2024 9:25	53.0	4.0	9.0	NNW	0.0
2/13/2024 9:30	53.0	3.0	7.0	NNW	0.0
2/13/2024 9:35	53.0	3.0	8.0	NNW	0.0
2/13/2024 9:40	53.0	1.0	5.0	NNW	0.0
2/13/2024 9:45	53.0	2.0	6.0	WNW	0.0
2/13/2024 9:50	53.0	2.0	5.0	NNW	0.0
2/13/2024 9:55	53.0	1.0	5.0	NW	0.0
2/13/2024 10:00	53.0	1.0	6.0	NNW	0.0
2/13/2024 10:05	53.0	2.0	7.0	NW	0.0
2/13/2024 10:10	53.0	2.0	7.0	NNW	0.0
2/13/2024 10:15	54.0	3.0	7.0	NNW	0.0
2/13/2024 10:20	54.0	1.0	5.0	NNW	0.0
2/13/2024 10:25	55.0	1.0	4.0	NNW	0.0
2/13/2024 10:30	56.0	1.0	6.0	N	0.0
2/13/2024 10:35	56.0	1.0	5.0	N	0.0
2/13/2024 10:40	57.0	1.0	4.0	N	0.0
2/13/2024 10:45	57.0	0.0	6.0	NNW	0.0
2/13/2024 10:50	57.0	1.0	4.0	NW	0.0
2/13/2024 10:55	57.0	1.0	6.0	WNW	0.0
2/13/2024 11:00	57.0	1.0	4.0	W	0.0
2/13/2024 11:05	57.0	0.0	2.0	WSW	0.0
2/13/2024 11:10	57.0	0.0	2.0	WNW	0.0
2/13/2024 11:15	57.0	0.0	0.0		0.0
2/13/2024 11:20	58.0	0.0	4.0	N	0.0
2/13/2024 11:25	58.0	0.0	3.0	N	0.0
2/13/2024 11:30	58.0	0.0	1.0	ESE	0.0
2/13/2024 11:35	58.0	0.0	0.0		0.0
2/13/2024 11:40	58.0	1.0	5.0	ENE	0.0
2/13/2024 11:45	58.0	2.0	7.0	ENE	0.0
2/13/2024 11:50	58.0	2.0	6.0	N	0.0
2/13/2024 11:55	58.0	2.0	6.0	NNE	0.0
2/13/2024 12:00	58.0	1.0	6.0	NE	0.0
2/13/2024 12:05	58.0	0.0	0.0		0.0
2/13/2024 12:10	58.0	0.0	1.0	NW	0.0
2/13/2024 12:15	59.0	1.0	7.0	E	0.0
2/13/2024 12:20	58.0	2.0	7.0	E	0.0
2/13/2024 12:25	58.0	2.0	7.0	ENE	0.0
2/13/2024 12:30	58.0	1.0	4.0	ESE	0.0
2/13/2024 12:35	58.0	1.0	4.0	E	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/13/2024 12:40	58.0	3.0	7.0	E	0.0
2/13/2024 12:45	57.0	1.0	6.0	E	0.0
2/13/2024 12:50	57.0	2.0	8.0	ENE	0.0
2/13/2024 12:55	57.0	2.0	7.0	E	0.0
2/13/2024 13:00	57.0	3.0	8.0	E	0.0
2/13/2024 13:05	57.0	3.0	8.0	ESE	0.0
2/13/2024 13:10	57.0	3.0	8.0	E	0.0
2/13/2024 13:15	57.0	4.0	8.0	ESE	0.0
2/13/2024 13:20	57.0	3.0	8.0	ESE	0.0
2/13/2024 13:25	57.0	3.0	7.0	ENE	0.0
2/13/2024 13:30	57.0	5.0	9.0	E	0.0
2/13/2024 13:35	57.0	5.0	8.0	ESE	0.0
2/13/2024 13:40	57.0	4.0	8.0	SE	0.0
2/13/2024 13:45	57.0	3.0	7.0	ENE	0.0
2/13/2024 13:50	57.0	2.0	7.0	ESE	0.0
2/13/2024 13:55	57.0	2.0	7.0	ESE	0.0
2/13/2024 14:00	57.0	2.0	8.0	ENE	0.0
2/13/2024 14:05	57.0	3.0	7.0	ESE	0.0
2/13/2024 14:10	56.0	1.0	4.0	ESE	0.0
2/13/2024 14:15	57.0	1.0	5.0	ESE	0.0
2/13/2024 14:20	57.0	4.0	9.0	ESE	0.0
2/13/2024 14:25	57.0	3.0	8.0	ESE	0.0
2/13/2024 14:30	57.0	3.0	8.0	E	0.0
2/13/2024 14:35	56.0	6.0	10.0	ESE	0.0
2/13/2024 14:40	56.0	6.0	10.0	SE	0.0
2/13/2024 14:45	56.0	7.0	11.0	ESE	0.0
2/13/2024 14:50	56.0	6.0	11.0	ESE	0.0
2/13/2024 14:55	56.0	7.0	11.0	ESE	0.0
2/13/2024 15:00	56.0	7.0	11.0	ESE	0.0
2/13/2024 15:05	56.0	6.0	10.0	ESE	0.0
2/13/2024 15:10	56.0	7.0	10.0	ESE	0.0
2/13/2024 15:15	56.0	4.0	10.0	E	0.0
2/13/2024 15:20	56.0	5.0	9.0	ESE	0.0
2/13/2024 15:25	56.0	6.0	10.0	ESE	0.0
2/13/2024 15:30	56.0	8.0	11.0	E	0.0
2/13/2024 15:35	55.0	7.0	11.0	ESE	0.0
2/13/2024 15:40	55.0	8.0	12.0	SE	0.0
2/13/2024 15:45	55.0	8.0	12.0	ESE	0.0
2/13/2024 15:50	55.0	8.0	11.0	E	0.0
2/13/2024 15:55	55.0	8.0	12.0	ESE	0.0
2/13/2024 16:00	55.0	8.0	13.0	ESE	0.0
2/13/2024 16:05	55.0	6.0	10.0	E	0.0
2/13/2024 16:10	55.0	7.0	11.0	ESE	0.0
2/13/2024 16:15	55.0	6.0	10.0	ESE	0.0
2/13/2024 16:20	55.0	5.0	8.0	ENE	0.0
2/13/2024 16:25	55.0	6.0	9.0	SE	0.0
2/13/2024 16:30	55.0	6.0	10.0	SE	0.0
2/13/2024 16:35	55.0	5.0	9.0	ENE	0.0
2/13/2024 16:40	56.0	5.0	9.0	ESE	0.0
2/13/2024 16:45	56.0	5.0	9.0	E	0.0
2/13/2024 16:50	56.0	5.0	10.0	ESE	0.0
2/13/2024 16:55	55.0	6.0	9.0	E	0.0
2/13/2024 17:00	55.0	5.0	9.0	SE	0.0
2/13/2024 17:05	55.0	3.0	7.0	E	0.0
2/13/2024 17:10	55.0	5.0	8.0	ESE	0.0



### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/13/2024 17:15	55.0	5.0	9.0	ESE	0.0
2/13/2024 17:20	55.0	6.0	8.0	ESE	0.0
2/13/2024 17:25	55.0	5.0	8.0	ESE	0.0
2/13/2024 17:30	55.0	4.0	7.0	ESE	0.0
2/13/2024 17:35	55.0	2.0	6.0	SE	0.0
2/13/2024 17:40	55.0	2.0	7.0	E	0.0
2/13/2024 17:45	55.0	3.0	7.0	ESE	0.0
2/13/2024 17:50	55.0	1.0	5.0	ENE	0.0
2/13/2024 17:55	55.0	0.0	3.0	E	0.0
2/13/2024 18:00	54.0	2.0	6.0	ESE	0.0
2/24/2024 6:00	48.0	0.0	0.0		0.0
2/24/2024 6:05	48.0	0.0	0.0		0.0
2/24/2024 6:10	48.0	0.0	0.0		0.0
2/24/2024 6:15	48.0	0.0	0.0		0.0
2/24/2024 6:20	47.0	0.0	0.0		0.0
2/24/2024 6:25	47.0	0.0	0.0		0.0
2/24/2024 6:30	47.0	0.0	0.0		0.0
2/24/2024 6:35	47.0	0.0	0.0		0.0
2/24/2024 6:40	47.0	0.0	0.0		0.0
2/24/2024 6:45	47.0	0.0	0.0		0.0
2/24/2024 6:50	47.0	0.0	0.0		0.0
2/24/2024 6:55	47.0	0.0	0.0		0.0
2/24/2024 7:00	47.0	0.0	0.0		0.0
2/24/2024 7:05	47.0	0.0	0.0		0.0
2/24/2024 7:10	47.0	0.0	0.0		0.0
2/24/2024 7:15	47.0	0.0	0.0		0.0
2/24/2024 7:20	47.0	0.0	0.0		0.0
2/24/2024 7:25	47.0	0.0	0.0		0.0
2/24/2024 7:30	48.0	0.0	0.0		0.0
2/24/2024 7:35	48.0	0.0	0.0		0.0
2/24/2024 7:40	49.0	0.0	0.0		0.0
2/24/2024 7:45	49.0	0.0	0.0		0.0
2/24/2024 7:50	50.0	0.0	0.0		0.0
2/24/2024 7:55	51.0	0.0	0.0		0.0
2/24/2024 8:00	51.0	0.0	0.0		0.0
2/24/2024 8:05	52.0	0.0	0.0		0.0
2/24/2024 8:10	52.0	0.0	0.0		0.0
2/24/2024 8:15	53.0	0.0	0.0		0.0
2/24/2024 8:20	54.0	0.0	0.0		0.0
2/24/2024 8:25	54.0	0.0	0.0		0.0
2/24/2024 8:30	54.0	0.0	0.0		0.0
2/24/2024 8:35	55.0	0.0	0.0		0.0
2/24/2024 8:40	56.0	0.0	0.0		0.0
2/24/2024 8:45	56.0	0.0	0.0		0.0
2/24/2024 8:50	57.0	0.0	0.0		0.0
2/24/2024 8:55	57.0	0.0	0.0		0.0
2/24/2024 9:00	57.0	0.0	0.0		0.0
2/24/2024 9:05	57.0	0.0	0.0		0.0
2/24/2024 9:10	57.0	0.0	0.0		0.0
2/24/2024 9:15	57.0	0.0	1.0	NE	0.0
2/24/2024 9:20	57.0	0.0	0.0		0.0
2/24/2024 9:25	57.0	1.0	4.0	NNE	0.0
2/24/2024 9:30	58.0	1.0	4.0	N	0.0
2/24/2024 9:35	58.0	1.0	4.0	ENE	0.0
2/24/2024 9:40	58.0	0.0	0.0		0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/24/2024 9:45	58.0	0.0	4.0	NNE	0.0
2/24/2024 9:50	58.0	0.0	2.0	NE	0.0
2/24/2024 9:55	58.0	0.0	4.0	N	0.0
2/24/2024 10:00	59.0	0.0	0.0		0.0
2/24/2024 10:05	59.0	0.0	4.0	NE	0.0
2/24/2024 10:10	59.0	0.0	4.0	ENE	0.0
2/24/2024 10:15	59.0	0.0	1.0	N	0.0
2/24/2024 10:20	59.0	0.0	1.0	NE	0.0
2/24/2024 10:25	60.0	1.0	3.0	NNE	0.0
2/24/2024 10:30	60.0	1.0	5.0	NNE	0.0
2/24/2024 10:35	61.0	1.0	5.0	NNE	0.0
2/24/2024 10:40	61.0	1.0	4.0	NNE	0.0
2/24/2024 10:45	61.0	3.0	6.0	N	0.0
2/24/2024 10:50	61.0	1.0	5.0	N	0.0
2/24/2024 10:55	61.0	2.0	6.0	NE	0.0
2/24/2024 11:00	61.0	2.0	6.0	E	0.0
2/24/2024 11:05	61.0	2.0	5.0	ENE	0.0
2/24/2024 11:10	60.0	2.0	5.0	ENE	0.0
2/24/2024 11:15	60.0	1.0	6.0	NE	0.0
2/24/2024 11:20	61.0	2.0	6.0	NNE	0.0
2/24/2024 11:25	61.0	2.0	6.0	NNE	0.0
2/24/2024 11:30	61.0	3.0	7.0	ENE	0.0
2/24/2024 11:35	60.0	2.0	4.0	E	0.0
2/24/2024 11:40	60.0	2.0	6.0	E	0.0
2/24/2024 11:45	61.0	2.0	7.0	E	0.0
2/24/2024 11:50	61.0	1.0	4.0	ENE	0.0
2/24/2024 11:55	62.0	3.0	6.0	E	0.0
2/24/2024 12:00	62.0	3.0	5.0	ESE	0.0
2/24/2024 12:05	62.0	1.0	6.0	ESE	0.0
2/24/2024 12:10	62.0	2.0	4.0	ESE	0.0
2/24/2024 12:15	62.0	3.0	6.0	E	0.0
2/24/2024 12:20	62.0	3.0	6.0	E	0.0
2/24/2024 12:25	62.0	1.0	4.0	ENE	0.0
2/24/2024 12:30	63.0	3.0	6.0	E	0.0
2/24/2024 12:35	63.0	2.0	6.0	E	0.0
2/24/2024 12:40	63.0	3.0	7.0	E	0.0
2/24/2024 12:45	63.0	3.0	6.0	E	0.0
2/24/2024 12:50	63.0	3.0	6.0	ESE	0.0
2/24/2024 12:55	63.0	4.0	7.0	ESE	0.0
2/24/2024 13:00	63.0	5.0	8.0	ENE	0.0
2/24/2024 13:05	63.0	5.0	8.0	ENE	0.0
2/24/2024 13:10	62.0	6.0	9.0	ESE	0.0
2/24/2024 13:15	62.0	7.0	10.0	E	0.0
2/24/2024 13:20	62.0	6.0	9.0	E	0.0
2/24/2024 13:25	62.0	4.0	8.0	E	0.0
2/24/2024 13:30	63.0	4.0	8.0	ENE	0.0
2/24/2024 13:35	63.0	5.0	9.0	E	0.0
2/24/2024 13:40	63.0	5.0	9.0	E	0.0
2/24/2024 13:45	63.0	7.0	10.0	ESE	0.0
2/24/2024 13:50	63.0	5.0	8.0	SE	0.0
2/24/2024 13:55	64.0	7.0	9.0	ESE	0.0
2/24/2024 14:00	64.0	6.0	10.0	ESE	0.0
2/24/2024 14:05	64.0	8.0	9.0	SE	0.0
2/24/2024 14:10	64.0	5.0	10.0	E	0.0
2/24/2024 14:15	64.0	8.0	10.0	E	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/24/2024 14:20	64.0	6.0	10.0	ESE	0.0
2/24/2024 14:25	65.0	7.0	10.0	ESE	0.0
2/24/2024 14:30	65.0	7.0	11.0	ESE	0.0
2/24/2024 14:35	65.0	7.0	10.0	SE	0.0
2/24/2024 14:40	65.0	6.0	10.0	ESE	0.0
2/24/2024 14:45	66.0	8.0	10.0	SE	0.0
2/24/2024 14:50	66.0	6.0	10.0	ENE	0.0
2/24/2024 14:55	66.0	7.0	11.0	ESE	0.0
2/24/2024 15:00	66.0	9.0	11.0	SE	0.0
2/24/2024 15:05	66.0	9.0	11.0	ESE	0.0
2/24/2024 15:10	66.0	8.0	10.0	ESE	0.0
2/24/2024 15:15	66.0	7.0	10.0	ESE	0.0
2/24/2024 15:20	66.0	6.0	9.0	ESE	0.0
2/24/2024 15:25	67.0	7.0	9.0	ESE	0.0
2/24/2024 15:30	67.0	5.0	9.0	E	0.0
2/24/2024 15:35	67.0	3.0	8.0	E	0.0
2/24/2024 15:40	68.0	5.0	9.0	E	0.0
2/24/2024 15:45	68.0	5.0	8.0	E	0.0
2/24/2024 15:50	68.0	3.0	7.0	ESE	0.0
2/24/2024 15:55	68.0	3.0	7.0	ESE	0.0
2/24/2024 16:00	68.0	4.0	8.0	E	0.0
2/24/2024 16:05	68.0	4.0	9.0	ESE	0.0
2/24/2024 16:10	68.0	6.0	9.0	ESE	0.0
2/24/2024 16:15	68.0	5.0	9.0	ESE	0.0
2/24/2024 16:20	68.0	6.0	9.0	ESE	0.0
2/24/2024 16:25	68.0	6.0	9.0	ESE	0.0
2/24/2024 16:30	68.0	5.0	9.0	E	0.0
2/24/2024 16:35	68.0	5.0	10.0	E	0.0
2/24/2024 16:40	68.0	6.0	9.0	ESE	0.0
2/24/2024 16:45	68.0	6.0	10.0	SE	0.0
2/24/2024 16:50	68.0	6.0	10.0	ESE	0.0
2/24/2024 16:55	68.0	5.0	9.0	ESE	0.0
2/24/2024 17:00	68.0	4.0	9.0	ESE	0.0
2/24/2024 17:05	68.0	4.0	9.0	ESE	0.0
2/24/2024 17:10	68.0	4.0	9.0	ESE	0.0
2/24/2024 17:15	68.0	6.0	9.0	ESE	0.0
2/24/2024 17:20	68.0	5.0	9.0	E	0.0
2/24/2024 17:25	68.0	3.0	7.0	ESE	0.0
2/24/2024 17:30	68.0	1.0	6.0	E	0.0
2/24/2024 17:35	68.0	2.0	5.0	ESE	0.0
2/24/2024 17:40	68.0	3.0	7.0	ESE	0.0
2/24/2024 17:45	68.0	3.0	7.0	ESE	0.0
2/24/2024 17:50	68.0	3.0	7.0	ESE	0.0
2/24/2024 17:55	67.0	3.0	7.0	ESE	0.0
2/24/2024 18:00	67.0	2.0	4.0	E	0.0
2/28/2024 6:00	42.0	0.0	0.0		0.0
2/28/2024 6:05	42.0	0.0	0.0		0.0
2/28/2024 6:10	42.0	0.0	0.0		0.0
2/28/2024 6:15	42.0	0.0	0.0		0.0
2/28/2024 6:20	42.0	0.0	0.0		0.0
2/28/2024 6:25	42.0	0.0	0.0		0.0
2/28/2024 6:30	42.0	0.0	0.0		0.0
2/28/2024 6:35	42.0	0.0	0.0		0.0
2/28/2024 6:40	42.0	0.0	0.0		0.0
2/28/2024 6:45	42.0	0.0	0.0		0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/28/2024 6:50	42.0	0.0	0.0		0.0
2/28/2024 6:55	42.0	0.0	0.0		0.0
2/28/2024 7:00	43.0	0.0	0.0		0.0
2/28/2024 7:05	43.0	0.0	0.0		0.0
2/28/2024 7:10	43.0	0.0	0.0		0.0
2/28/2024 7:15	43.0	0.0	0.0		0.0
2/28/2024 7:20	43.0	0.0	0.0		0.0
2/28/2024 7:25	44.0	0.0	0.0		0.0
2/28/2024 7:30	44.0	0.0	0.0		0.0
2/28/2024 7:35	45.0	0.0	0.0		0.0
2/28/2024 7:40	45.0	0.0	0.0		0.0
2/28/2024 7:45	46.0	0.0	0.0		0.0
2/28/2024 7:50	47.0	0.0	0.0		0.0
2/28/2024 7:55	47.0	0.0	0.0		0.0
2/28/2024 8:00	48.0	0.0	0.0		0.0
2/28/2024 8:05	49.0	0.0	0.0		0.0
2/28/2024 8:10	50.0	0.0	0.0		0.0
2/28/2024 8:15	50.0	0.0	0.0		0.0
2/28/2024 8:20	51.0	0.0	0.0		0.0
2/28/2024 8:25	51.0	0.0	0.0		0.0
2/28/2024 8:30	51.0	0.0	0.0		0.0
2/28/2024 8:35	52.0	0.0	0.0		0.0
2/28/2024 8:40	52.0	0.0	0.0		0.0
2/28/2024 8:45	53.0	0.0	0.0		0.0
2/28/2024 8:50	54.0	0.0	0.0		0.0
2/28/2024 8:55	54.0	0.0	0.0		0.0
2/28/2024 9:00	55.0	0.0	0.0		0.0
2/28/2024 9:05	55.0	0.0	0.0		0.0
2/28/2024 9:10	55.0	0.0	0.0		0.0
2/28/2024 9:15	55.0	0.0	0.0		0.0
2/28/2024 9:20	55.0	0.0	0.0		0.0
2/28/2024 9:25	55.0	0.0	0.0		0.0
2/28/2024 9:30	55.0	0.0	0.0		0.0
2/28/2024 9:35	56.0	0.0	0.0		0.0
2/28/2024 9:40	56.0	1.0	4.0	ENE	0.0
2/28/2024 9:45	55.0	0.0	0.0		0.0
2/28/2024 9:50	55.0	0.0	0.0		0.0
2/28/2024 9:55	56.0	0.0	0.0		0.0
2/28/2024 10:00	56.0	0.0	0.0		0.0
2/28/2024 10:05	56.0	0.0	0.0		0.0
2/28/2024 10:10	56.0	1.0	5.0	ESE	0.0
2/28/2024 10:15	56.0	0.0	4.0	NE	0.0
2/28/2024 10:20	56.0	0.0	0.0		0.0
2/28/2024 10:25	57.0	0.0	3.0	NE	0.0
2/28/2024 10:30	58.0	0.0	3.0	NNE	0.0
2/28/2024 10:35	59.0	0.0	1.0	E	0.0
2/28/2024 10:40	59.0	1.0	4.0	NNE	0.0
2/28/2024 10:45	59.0	0.0	4.0	NNE	0.0
2/28/2024 10:50	59.0	2.0	4.0	NE	0.0
2/28/2024 10:55	59.0	1.0	4.0	NNE	0.0
2/28/2024 11:00	59.0	1.0	5.0	NE	0.0
2/28/2024 11:05	59.0	2.0	5.0	NE	0.0
2/28/2024 11:10	59.0	1.0	4.0	NE	0.0
2/28/2024 11:15	59.0	4.0	7.0	ENE	0.0
2/28/2024 11:20	58.0	2.0	5.0	NE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/28/2024 11:25	58.0	3.0	7.0	E	0.0
2/28/2024 11:30	58.0	3.0	7.0	E	0.0
2/28/2024 11:35	58.0	3.0	6.0	ESE	0.0
2/28/2024 11:40	58.0	4.0	7.0	E	0.0
2/28/2024 11:45	58.0	2.0	5.0	ESE	0.0
2/28/2024 11:50	58.0	2.0	9.0	ENE	0.0
2/28/2024 11:55	59.0	3.0	7.0	E	0.0
2/28/2024 12:00	59.0	3.0	7.0	ENE	0.0
2/28/2024 12:05	59.0	2.0	7.0	ENE	0.0
2/28/2024 12:10	59.0	4.0	7.0	SE	0.0
2/28/2024 12:15	59.0	3.0	7.0	E	0.0
2/28/2024 12:20	59.0	3.0	7.0	ESE	0.0
2/28/2024 12:25	59.0	4.0	8.0	ESE	0.0
2/28/2024 12:30	59.0	5.0	8.0	ESE	0.0
2/28/2024 12:35	59.0	4.0	7.0	ESE	0.0
2/28/2024 12:40	59.0	4.0	7.0	E	0.0
2/28/2024 12:45	59.0	5.0	9.0	E	0.0
2/28/2024 12:50	59.0	6.0	10.0	ESE	0.0
2/28/2024 12:55	58.0	5.0	9.0	ESE	0.0
2/28/2024 13:00	58.0	7.0	9.0	ESE	0.0
2/28/2024 13:05	58.0	7.0	9.0	ESE	0.0
2/28/2024 13:10	58.0	5.0	8.0	ESE	0.0
2/28/2024 13:15	59.0	6.0	9.0	E	0.0
2/28/2024 13:20	59.0	6.0	9.0	E	0.0
2/28/2024 13:25	59.0	7.0	10.0	ESE	0.0
2/28/2024 13:30	59.0	5.0	9.0	ESE	0.0
2/28/2024 13:35	60.0	5.0	9.0	ESE	0.0
2/28/2024 13:40	60.0	5.0	8.0	E	0.0
2/28/2024 13:45	61.0	5.0	8.0	ESE	0.0
2/28/2024 13:50	61.0	5.0	8.0	E	0.0
2/28/2024 13:55	61.0	5.0	9.0	ENE	0.0
2/28/2024 14:00	61.0	4.0	10.0	E	0.0
2/28/2024 14:05	62.0	5.0	8.0	E	0.0
2/28/2024 14:10	62.0	5.0	8.0	E	0.0
2/28/2024 14:15	62.0	4.0	7.0	E	0.0
2/28/2024 14:20	62.0	5.0	8.0	ESE	0.0
2/28/2024 14:25	62.0	5.0	9.0	ESE	0.0
2/28/2024 14:30	62.0	5.0	9.0	ESE	0.0
2/28/2024 14:35	62.0	6.0	11.0	E	0.0
2/28/2024 14:40	62.0	7.0	10.0	ESE	0.0
2/28/2024 14:45	62.0	4.0	8.0	ENE	0.0
2/28/2024 14:50	62.0	4.0	9.0	E	0.0
2/28/2024 14:55	63.0	4.0	8.0	ENE	0.0
2/28/2024 15:00	63.0	3.0	7.0	E	0.0
2/28/2024 15:05	63.0	3.0	7.0	ESE	0.0
2/28/2024 15:10	64.0	2.0	7.0	ESE	0.0
2/28/2024 15:15	64.0	4.0	9.0	E	0.0
2/28/2024 15:20	64.0	7.0	11.0	ESE	0.0
2/28/2024 15:25	63.0	7.0	10.0	SE	0.0
2/28/2024 15:30	63.0	6.0	10.0	SE	0.0
2/28/2024 15:35	63.0	5.0	9.0	ESE	0.0
2/28/2024 15:40	63.0	6.0	10.0	E	0.0
2/28/2024 15:45	63.0	6.0	11.0	E	0.0
2/28/2024 15:50	63.0	6.0	10.0	S	0.0
2/28/2024 15:55	63.0	6.0	9.0	ESE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
2/28/2024 16:00	63.0	9.0	14.0	SE	0.0
2/28/2024 16:05	62.0	10.0	16.0	ESE	0.0
2/28/2024 16:10	62.0	9.0	15.0	ESE	0.0
2/28/2024 16:15	62.0	10.0	16.0	ESE	0.0
2/28/2024 16:20	61.0	9.0	15.0	ESE	0.0
2/28/2024 16:25	61.0	11.0	17.0	E	0.0
2/28/2024 16:30	60.0	12.0	17.0	E	0.0
2/28/2024 16:35	60.0	11.0	17.0	ESE	0.0
2/28/2024 16:40	59.0	11.0	17.0	ESE	0.0
2/28/2024 16:45	59.0	9.0	13.0	ENE	0.0
2/28/2024 16:50	59.0	11.0	17.0	E	0.0
2/28/2024 16:55	59.0	10.0	15.0	E	0.0
2/28/2024 17:00	59.0	11.0	17.0	E	0.0
2/28/2024 17:05	58.0	11.0	15.0	ESE	0.0
2/28/2024 17:10	58.0	11.0	16.0	E	0.0
2/28/2024 17:15	58.0	10.0	16.0	ESE	0.0
2/28/2024 17:20	58.0	11.0	16.0	ESE	0.0
2/28/2024 17:25	58.0	10.0	14.0	ESE	0.0
2/28/2024 17:30	58.0	8.0	13.0	ESE	0.0
2/28/2024 17:35	58.0	8.0	12.0	E	0.0
2/28/2024 17:40	58.0	8.0	11.0	ESE	0.0
2/28/2024 17:45	58.0	6.0	12.0	ESE	0.0
2/28/2024 17:50	58.0	5.0	10.0	ESE	0.0
2/28/2024 17:55	58.0	6.0	10.0	E	0.0
2/28/2024 18:00	57.0	6.0	10.0	E	0.0
3/8/2024 6:00	43.0	0.0	0.0		0.0
3/8/2024 6:05	43.0	0.0	0.0		0.0
3/8/2024 6:10	43.0	0.0	0.0		0.0
3/8/2024 6:15	43.0	0.0	0.0		0.0
3/8/2024 6:20	43.0	0.0	0.0		0.0
3/8/2024 6:25	43.0	0.0	0.0		0.0
3/8/2024 6:30	43.0	0.0	0.0		0.0
3/8/2024 6:35	43.0	0.0	0.0		0.0
3/8/2024 6:40	43.0	1.0	3.0	WSW	0.0
3/8/2024 6:45	43.0	1.0	2.0	WSW	0.0
3/8/2024 6:50	43.0	0.0	1.0	WSW	0.0
3/8/2024 6:55	43.0	0.0	0.0		0.0
3/8/2024 7:00	43.0	0.0	0.0		0.0
3/8/2024 7:05	43.0	0.0	0.0		0.0
3/8/2024 7:10	43.0	0.0	0.0		0.0
3/8/2024 7:15	44.0	0.0	0.0		0.0
3/8/2024 7:20	44.0	0.0	0.0		0.0
3/8/2024 7:25	45.0	0.0	0.0		0.0
3/8/2024 7:30	45.0	0.0	2.0	SW	0.0
3/8/2024 7:35	46.0	0.0	2.0	SW	0.0
3/8/2024 7:40	46.0	0.0	1.0	SW	0.0
3/8/2024 7:45	47.0	0.0	2.0	WSW	0.0
3/8/2024 7:50	47.0	0.0	2.0	WSW	0.0
3/8/2024 7:55	48.0	1.0	3.0	W	0.0
3/8/2024 8:00	49.0	1.0	3.0	WSW	0.0
3/8/2024 8:05	49.0	1.0	3.0	W	0.0
3/8/2024 8:10	50.0	1.0	3.0	WNW	0.0
3/8/2024 8:15	50.0	1.0	3.0	W	0.0
3/8/2024 8:20	51.0	1.0	3.0	W	0.0
3/8/2024 8:25	51.0	2.0	4.0	WNW	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/8/2024 8:30	52.0	2.0	4.0	WNW	0.0
3/8/2024 8:35	52.0	2.0	5.0	NNW	0.0
3/8/2024 8:40	53.0	2.0	5.0	NW	0.0
3/8/2024 8:45	53.0	1.0	4.0	NW	0.0
3/8/2024 8:50	54.0	2.0	5.0	NNW	0.0
3/8/2024 8:55	54.0	3.0	6.0	N	0.0
3/8/2024 9:00	54.0	2.0	5.0	NW	0.0
3/8/2024 9:05	54.0	2.0	4.0	WNW	0.0
3/8/2024 9:10	55.0	2.0	5.0	N	0.0
3/8/2024 9:15	55.0	2.0	5.0	NNW	0.0
3/8/2024 9:20	56.0	2.0	4.0	WNW	0.0
3/8/2024 9:25	56.0	3.0	6.0	WNW	0.0
3/8/2024 9:30	56.0	3.0	7.0	NW	0.0
3/8/2024 9:35	56.0	2.0	7.0	NW	0.0
3/8/2024 9:40	56.0	2.0	5.0	NNW	0.0
3/8/2024 9:45	57.0	3.0	6.0	WNW	0.0
3/8/2024 9:50	57.0	3.0	6.0	N	0.0
3/8/2024 9:55	57.0	3.0	6.0	N	0.0
3/8/2024 10:00	58.0	2.0	6.0	NNW	0.0
3/8/2024 10:05	58.0	3.0	6.0	WNW	0.0
3/8/2024 10:10	58.0	2.0	5.0	NNE	0.0
3/8/2024 10:15	59.0	2.0	5.0	ENE	0.0
3/8/2024 10:20	58.0	3.0	6.0	N	0.0
3/8/2024 10:25	58.0	4.0	7.0	N	0.0
3/8/2024 10:30	58.0	3.0	6.0	N	0.0
3/8/2024 10:35	58.0	3.0	6.0	NNW	0.0
3/8/2024 10:40	58.0	3.0	5.0	NNE	0.0
3/8/2024 10:45	58.0	5.0	8.0	NNE	0.0
3/8/2024 10:50	58.0	4.0	9.0	N	0.0
3/8/2024 10:55	58.0	5.0	9.0	ENE	0.0
3/8/2024 11:00	58.0	3.0	6.0	NNE	0.0
3/8/2024 11:05	58.0	3.0	7.0	N	0.0
3/8/2024 11:10	58.0	4.0	7.0	ENE	0.0
3/8/2024 11:15	58.0	3.0	5.0	NE	0.0
3/8/2024 11:20	58.0	2.0	6.0	NNE	0.0
3/8/2024 11:25	59.0	3.0	6.0	NE	0.0
3/8/2024 11:30	60.0	1.0	6.0	NNE	0.0
3/8/2024 11:35	61.0	1.0	3.0	NNE	0.0
3/8/2024 11:40	61.0	4.0	8.0	ENE	0.0
3/8/2024 11:45	61.0	4.0	7.0	E	0.0
3/8/2024 11:50	61.0	3.0	7.0	ENE	0.0
3/8/2024 11:55	60.0	4.0	8.0	ENE	0.0
3/8/2024 12:00	60.0	5.0	9.0	ENE	0.0
3/8/2024 12:05	60.0	6.0	9.0	E	0.0
3/8/2024 12:10	60.0	7.0	10.0	E	0.0
3/8/2024 12:15	59.0	7.0	11.0	E	0.0
3/8/2024 12:20	59.0	7.0	11.0	E	0.0
3/8/2024 12:25	59.0	7.0	11.0	ENE	0.0
3/8/2024 12:30	59.0	6.0	11.0	ENE	0.0
3/8/2024 12:35	59.0	7.0	11.0	ESE	0.0
3/8/2024 12:40	59.0	7.0	10.0	E	0.0
3/8/2024 12:45	59.0	6.0	10.0	E	0.0
3/8/2024 12:50	60.0	7.0	10.0	ESE	0.0
3/8/2024 12:55	59.0	8.0	12.0	ESE	0.0
3/8/2024 13:00	59.0	8.0	12.0	E	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/8/2024 13:05	59.0	8.0	12.0	ESE	0.0
3/8/2024 13:10	59.0	7.0	12.0	ESE	0.0
3/8/2024 13:15	59.0	9.0	13.0	ESE	0.0
3/8/2024 13:20	59.0	9.0	12.0	ESE	0.0
3/8/2024 13:25	59.0	9.0	12.0	E	0.0
3/8/2024 13:30	59.0	8.0	12.0	E	0.0
3/8/2024 13:35	60.0	7.0	11.0	ESE	0.0
3/8/2024 13:40	60.0	7.0	11.0	ESE	0.0
3/8/2024 13:45	60.0	9.0	11.0	E	0.0
3/8/2024 13:50	60.0	8.0	12.0	E	0.0
3/8/2024 13:55	60.0	8.0	11.0	ESE	0.0
3/8/2024 14:00	60.0	7.0	12.0	ESE	0.0
3/8/2024 14:05	60.0	7.0	11.0	E	0.0
3/8/2024 14:10	60.0	7.0	10.0	ESE	0.0
3/8/2024 14:15	61.0	8.0	11.0	ESE	0.0
3/8/2024 14:20	61.0	7.0	10.0	ESE	0.0
3/8/2024 14:25	61.0	8.0	11.0	ESE	0.0
3/8/2024 14:30	61.0	8.0	12.0	ESE	0.0
3/8/2024 14:35	61.0	8.0	12.0	E	0.0
3/8/2024 14:40	61.0	8.0	11.0	E	0.0
3/8/2024 14:45	61.0	8.0	12.0	ESE	0.0
3/8/2024 14:50	61.0	7.0	11.0	SE	0.0
3/8/2024 14:55	61.0	7.0	10.0	ESE	0.0
3/8/2024 15:00	62.0	5.0	10.0	ESE	0.0
3/8/2024 15:05	62.0	5.0	9.0	E	0.0
3/8/2024 15:10	62.0	6.0	9.0	E	0.0
3/8/2024 15:15	62.0	6.0	9.0	ESE	0.0
3/8/2024 15:20	63.0	5.0	9.0	E	0.0
3/8/2024 15:25	63.0	4.0	8.0	E	0.0
3/8/2024 15:30	63.0	7.0	10.0	E	0.0
3/8/2024 15:35	63.0	6.0	10.0	E	0.0
3/8/2024 15:40	63.0	8.0	12.0	E	0.0
3/8/2024 15:45	63.0	6.0	10.0	ESE	0.0
3/8/2024 15:50	63.0	7.0	11.0	ESE	0.0
3/8/2024 15:55	63.0	7.0	11.0	E	0.0
3/8/2024 16:00	63.0	7.0	11.0	ESE	0.0
3/8/2024 16:05	63.0	5.0	9.0	ESE	0.0
3/8/2024 16:10	64.0	5.0	9.0	E	0.0
3/8/2024 16:15	64.0	4.0	8.0	ENE	0.0
3/8/2024 16:20	64.0	6.0	9.0	E	0.0
3/8/2024 16:25	64.0	4.0	9.0	E	0.0
3/8/2024 16:30	64.0	8.0	11.0	E	0.0
3/8/2024 16:35	62.0	7.0	10.0	ESE	0.0
3/8/2024 16:40	62.0	5.0	11.0	E	0.0
3/8/2024 16:45	62.0	7.0	11.0	E	0.0
3/8/2024 16:50	61.0	7.0	10.0	E	0.0
3/8/2024 16:55	61.0	8.0	12.0	ESE	0.0
3/8/2024 17:00	61.0	8.0	13.0	ESE	0.0
3/8/2024 17:05	61.0	8.0	13.0	ESE	0.0
3/8/2024 17:10	60.0	8.0	13.0	E	0.0
3/8/2024 17:15	60.0	10.0	17.0	E	0.0
3/8/2024 17:20	59.0	10.0	16.0	E	0.0
3/8/2024 17:25	59.0	11.0	16.0	ESE	0.0
3/8/2024 17:30	59.0	10.0	15.0	ESE	0.0
3/8/2024 17:35	59.0	10.0	16.0	E	0.0



### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/8/2024 17:40	58.0	9.0	16.0	ESE	0.0
3/8/2024 17:45	58.0	11.0	16.0	ESE	0.0
3/8/2024 17:50	58.0	10.0	14.0	E	0.0
3/8/2024 17:55	58.0	11.0	18.0	E	0.0
3/8/2024 18:00	57.0	9.0	14.0	ESE	0.0
3/16/2024 6:00	50.0	0.0	2.0	SW	0.0
3/16/2024 6:05	49.0	0.0	0.0		0.0
3/16/2024 6:10	49.0	1.0	3.0	WSW	0.0
3/16/2024 6:15	49.0	0.0	1.0	WSW	0.0
3/16/2024 6:20	49.0	0.0	0.0		0.0
3/16/2024 6:25	48.0	0.0	0.0		0.0
3/16/2024 6:30	48.0	0.0	2.0	SSW	0.0
3/16/2024 6:35	48.0	0.0	1.0	SW	0.0
3/16/2024 6:40	48.0	0.0	1.0	SW	0.0
3/16/2024 6:45	48.0	0.0	1.0	SW	0.0
3/16/2024 6:50	48.0	0.0	2.0	WSW	0.0
3/16/2024 6:55	48.0	0.0	1.0	WSW	0.0
3/16/2024 7:00	48.0	0.0	1.0	WSW	0.0
3/16/2024 7:05	48.0	0.0	2.0	WSW	0.0
3/16/2024 7:10	48.0	0.0	0.0		0.0
3/16/2024 7:15	48.0	0.0	0.0		0.0
3/16/2024 7:20	48.0	0.0	0.0		0.0
3/16/2024 7:25	48.0	0.0	0.0		0.0
3/16/2024 7:30	48.0	0.0	0.0		0.0
3/16/2024 7:35	48.0	0.0	0.0		0.0
3/16/2024 7:40	48.0	0.0	0.0		0.0
3/16/2024 7:45	48.0	0.0	0.0		0.0
3/16/2024 7:50	48.0	0.0	0.0		0.0
3/16/2024 7:55	49.0	0.0	0.0		0.0
3/16/2024 8:00	50.0	0.0	0.0		0.0
3/16/2024 8:05	51.0	0.0	0.0		0.0
3/16/2024 8:10	52.0	1.0	2.0	W	0.0
3/16/2024 8:15	52.0	1.0	3.0	WNW	0.0
3/16/2024 8:20	53.0	0.0	1.0	W	0.0
3/16/2024 8:25	54.0	0.0	1.0	WSW	0.0
3/16/2024 8:30	55.0	0.0	3.0	WNW	0.0
3/16/2024 8:35	56.0	0.0	2.0	WNW	0.0
3/16/2024 8:40	56.0	3.0	6.0	WNW	0.0
3/16/2024 8:45	56.0	3.0	6.0	W	0.0
3/16/2024 8:50	56.0	2.0	5.0	WSW	0.0
3/16/2024 8:55	56.0	3.0	7.0	WNW	0.0
3/16/2024 9:00	57.0	1.0	4.0	NW	0.0
3/16/2024 9:05	57.0	2.0	6.0	WNW	0.0
3/16/2024 9:10	57.0	2.0	4.0	NW	0.0
3/16/2024 9:15	58.0	3.0	6.0	WNW	0.0
3/16/2024 9:20	58.0	2.0	6.0	NNW	0.0
3/16/2024 9:25	58.0	3.0	7.0	NW	0.0
3/16/2024 9:30	59.0	3.0	7.0	NW	0.0
3/16/2024 9:35	59.0	3.0	7.0	WNW	0.0
3/16/2024 9:40	59.0	3.0	4.0	NW	0.0
3/16/2024 9:45	59.0	2.0	5.0	N	0.0
3/16/2024 9:50	60.0	1.0	5.0	NW	0.0
3/16/2024 9:55	61.0	3.0	4.0	WNW	0.0
3/16/2024 10:00	61.0	2.0	4.0	WNW	0.0
3/16/2024 10:05	62.0	2.0	3.0	NNW	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/16/2024 10:10	62.0	1.0	3.0	NW	0.0
3/16/2024 10:15	63.0	1.0	3.0	NNE	0.0
3/16/2024 10:20	64.0	1.0	3.0	N	0.0
3/16/2024 10:25	64.0	1.0	4.0	NNW	0.0
3/16/2024 10:30	64.0	1.0	3.0	ENE	0.0
3/16/2024 10:35	64.0	1.0	2.0	E	0.0
3/16/2024 10:40	64.0	1.0	4.0	ENE	0.0
3/16/2024 10:45	64.0	2.0	5.0	NNE	0.0
3/16/2024 10:50	63.0	3.0	5.0	ENE	0.0
3/16/2024 10:55	63.0	2.0	4.0	ENE	0.0
3/16/2024 11:00	63.0	2.0	4.0	N	0.0
3/16/2024 11:05	63.0	1.0	3.0	NNE	0.0
3/16/2024 11:10	64.0	1.0	4.0	ENE	0.0
3/16/2024 11:15	64.0	1.0	2.0	SE	0.0
3/16/2024 11:20	64.0	0.0	3.0	SW	0.0
3/16/2024 11:25	65.0	1.0	3.0	NNE	0.0
3/16/2024 11:30	66.0	2.0	3.0	ENE	0.0
3/16/2024 11:35	66.0	1.0	3.0	NNW	0.0
3/16/2024 11:40	66.0	1.0	4.0	E	0.0
3/16/2024 11:45	66.0	1.0	4.0	NE	0.0
3/16/2024 11:50	66.0	2.0	4.0	ENE	0.0
3/16/2024 11:55	66.0	1.0	6.0	NE	0.0
3/16/2024 12:00	66.0	2.0	7.0	ENE	0.0
3/16/2024 12:05	66.0	5.0	10.0	ESE	0.0
3/16/2024 12:10	65.0	4.0	10.0	ESE	0.0
3/16/2024 12:15	65.0	4.0	8.0	ESE	0.0
3/16/2024 12:20	65.0	5.0	9.0	ESE	0.0
3/16/2024 12:25	65.0	4.0	9.0	ESE	0.0
3/16/2024 12:30	64.0	5.0	9.0	E	0.0
3/16/2024 12:35	65.0	5.0	8.0	ESE	0.0
3/16/2024 12:40	65.0	5.0	9.0	E	0.0
3/16/2024 12:45	65.0	5.0	10.0	E	0.0
3/16/2024 12:50	65.0	6.0	11.0	NE	0.0
3/16/2024 12:55	65.0	7.0	10.0	E	0.0
3/16/2024 13:00	65.0	7.0	12.0	ESE	0.0
3/16/2024 13:05	65.0	7.0	10.0	ESE	0.0
3/16/2024 13:10	65.0	5.0	11.0	ESE	0.0
3/16/2024 13:15	65.0	6.0	11.0	ESE	0.0
3/16/2024 13:20	65.0	6.0	12.0	E	0.0
3/16/2024 13:25	65.0	8.0	12.0	E	0.0
3/16/2024 13:30	64.0	8.0	12.0	E	0.0
3/16/2024 13:35	64.0	7.0	12.0	E	0.0
3/16/2024 13:40	64.0	7.0	10.0	ENE	0.0
3/16/2024 13:45	64.0	7.0	11.0	ESE	0.0
3/16/2024 13:50	64.0	6.0	9.0	E	0.0
3/16/2024 13:55	64.0	7.0	10.0	SE	0.0
3/16/2024 14:00	64.0	6.0	10.0	ESE	0.0
3/16/2024 14:05	65.0	6.0	10.0	ESE	0.0
3/16/2024 14:10	65.0	6.0	12.0	E	0.0
3/16/2024 14:15	66.0	7.0	13.0	E	0.0
3/16/2024 14:20	66.0	10.0	15.0	ESE	0.0
3/16/2024 14:25	66.0	9.0	15.0	ESE	0.0
3/16/2024 14:30	66.0	6.0	13.0	SSE	0.0
3/16/2024 14:35	67.0	7.0	17.0	E	0.0
3/16/2024 14:40	66.0	11.0	16.0	ESE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/16/2024 14:45	66.0	11.0	16.0	ESE	0.0
3/16/2024 14:50	66.0	11.0	16.0	ESE	0.0
3/16/2024 14:55	66.0	9.0	14.0	ESE	0.0
3/16/2024 15:00	66.0	11.0	15.0	E	0.0
3/16/2024 15:05	66.0	10.0	15.0	E	0.0
3/16/2024 15:10	66.0	9.0	17.0	E	0.0
3/16/2024 15:15	66.0	8.0	13.0	ESE	0.0
3/16/2024 15:20	66.0	10.0	14.0	SE	0.0
3/16/2024 15:25	66.0	7.0	13.0	ESE	0.0
3/16/2024 15:30	66.0	8.0	14.0	SE	0.0
3/16/2024 15:35	66.0	9.0	16.0	E	0.0
3/16/2024 15:40	66.0	9.0	15.0	ESE	0.0
3/16/2024 15:45	66.0	9.0	15.0	ESE	0.0
3/16/2024 15:50	66.0	9.0	15.0	ESE	0.0
3/16/2024 15:55	66.0	6.0	13.0	ESE	0.0
3/16/2024 16:00	66.0	9.0	15.0	ESE	0.0
3/16/2024 16:05	66.0	10.0	16.0	ESE	0.0
3/16/2024 16:10	66.0	8.0	15.0	ESE	0.0
3/16/2024 16:15	66.0	10.0	16.0	E	0.0
3/16/2024 16:20	66.0	9.0	16.0	E	0.0
3/16/2024 16:25	66.0	11.0	15.0	ESE	0.0
3/16/2024 16:30	66.0	8.0	15.0	SE	0.0
3/16/2024 16:35	65.0	9.0	17.0	E	0.0
3/16/2024 16:40	65.0	12.0	18.0	ESE	0.0
3/16/2024 16:45	64.0	12.0	19.0	ENE	0.0
3/16/2024 16:50	64.0	12.0	19.0	E	0.0
3/16/2024 16:55	64.0	12.0	18.0	ESE	0.0
3/16/2024 17:00	64.0	13.0	20.0	ESE	0.0
3/16/2024 17:05	63.0	9.0	15.0	E	0.0
3/16/2024 17:10	63.0	9.0	16.0	E	0.0
3/16/2024 17:15	63.0	14.0	20.0	ESE	0.0
3/16/2024 17:20	62.0	11.0	18.0	ESE	0.0
3/16/2024 17:25	62.0	12.0	19.0	E	0.0
3/16/2024 17:30	62.0	10.0	19.0	ESE	0.0
3/16/2024 17:35	62.0	9.0	17.0	ESE	0.0
3/16/2024 17:40	62.0	10.0	18.0	E	0.0
3/16/2024 17:45	61.0	12.0	18.0	E	0.0
3/16/2024 17:50	61.0	7.0	14.0	ESE	0.0
3/16/2024 17:55	61.0	10.0	15.0	E	0.0
3/16/2024 18:00	61.0	11.0	15.0	E	0.0
3/17/2024 6:00	52.0	1.0	2.0	WSW	0.0
3/17/2024 6:05	52.0	0.0	2.0	WSW	0.0
3/17/2024 6:10	52.0	1.0	3.0	WSW	0.0
3/17/2024 6:15	52.0	0.0	1.0	WSW	0.0
3/17/2024 6:20	52.0	0.0	0.0		0.0
3/17/2024 6:25	52.0	0.0	0.0		0.0
3/17/2024 6:30	52.0	0.0	0.0		0.0
3/17/2024 6:35	52.0	0.0	0.0		0.0
3/17/2024 6:40	52.0	0.0	0.0		0.0
3/17/2024 6:45	52.0	0.0	0.0		0.0
3/17/2024 6:50	52.0	0.0	0.0		0.0
3/17/2024 6:55	52.0	0.0	0.0		0.0
3/17/2024 7:00	52.0	0.0	0.0		0.0
3/17/2024 7:05	52.0	0.0	0.0		0.0
3/17/2024 7:10	52.0	0.0	0.0		0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/17/2024 7:15	52.0	0.0	0.0		0.0
3/17/2024 7:20	52.0	0.0	0.0		0.0
3/17/2024 7:25	52.0	0.0	0.0		0.0
3/17/2024 7:30	52.0	0.0	0.0		0.0
3/17/2024 7:35	52.0	0.0	0.0		0.0
3/17/2024 7:40	52.0	0.0	0.0		0.0
3/17/2024 7:45	52.0	0.0	0.0		0.0
3/17/2024 7:50	52.0	0.0	0.0		0.0
3/17/2024 7:55	53.0	0.0	0.0		0.0
3/17/2024 8:00	53.0	0.0	0.0		0.0
3/17/2024 8:05	53.0	0.0	0.0		0.0
3/17/2024 8:10	53.0	0.0	0.0		0.0
3/17/2024 8:15	53.0	0.0	0.0		0.0
3/17/2024 8:20	53.0	0.0	0.0		0.0
3/17/2024 8:25	53.0	0.0	0.0		0.0
3/17/2024 8:30	53.0	0.0	0.0		0.0
3/17/2024 8:35	53.0	0.0	2.0	S	0.0
3/17/2024 8:40	54.0	0.0	2.0	S	0.0
3/17/2024 8:45	54.0	0.0	1.0	S	0.0
3/17/2024 8:50	54.0	0.0	1.0	S	0.0
3/17/2024 8:55	54.0	0.0	2.0	WNW	0.0
3/17/2024 9:00	54.0	1.0	3.0	N	0.0
3/17/2024 9:05	54.0	1.0	4.0	N	0.0
3/17/2024 9:10	54.0	1.0	4.0	N	0.0
3/17/2024 9:15	54.0	1.0	3.0	NNW	0.0
3/17/2024 9:20	55.0	1.0	3.0	WNW	0.0
3/17/2024 9:25	55.0	1.0	2.0	W	0.0
3/17/2024 9:30	55.0	1.0	2.0	W	0.0
3/17/2024 9:35	56.0	0.0	0.0		0.0
3/17/2024 9:40	56.0	0.0	0.0		0.0
3/17/2024 9:45	57.0	0.0	2.0	NNW	0.0
3/17/2024 9:50	58.0	1.0	4.0	NE	0.0
3/17/2024 9:55	58.0	2.0	5.0	NNE	0.0
3/17/2024 10:00	58.0	3.0	5.0	N	0.0
3/17/2024 10:05	58.0	2.0	7.0	ENE	0.0
3/17/2024 10:10	58.0	2.0	4.0	NNE	0.0
3/17/2024 10:15	58.0	0.0	2.0	NNW	0.0
3/17/2024 10:20	59.0	2.0	4.0	NNW	0.0
3/17/2024 10:25	60.0	1.0	5.0	NNW	0.0
3/17/2024 10:30	60.0	2.0	5.0	NE	0.0
3/17/2024 10:35	60.0	2.0	5.0	NE	0.0
3/17/2024 10:40	60.0	2.0	6.0	E	0.0
3/17/2024 10:45	59.0	1.0	4.0	E	0.0
3/17/2024 10:50	58.0	3.0	5.0	ENE	0.0
3/17/2024 10:55	58.0	2.0	6.0	NNW	0.0
3/17/2024 11:00	58.0	2.0	6.0	E	0.0
3/17/2024 11:05	58.0	2.0	5.0	ENE	0.0
3/17/2024 11:10	59.0	2.0	5.0	NNE	0.0
3/17/2024 11:15	59.0	3.0	6.0	E	0.0
3/17/2024 11:20	58.0	5.0	8.0	ESE	0.0
3/17/2024 11:25	57.0	6.0	9.0	E	0.0
3/17/2024 11:30	57.0	5.0	9.0	E	0.0
3/17/2024 11:35	57.0	5.0	10.0	ESE	0.0
3/17/2024 11:40	57.0	5.0	9.0	E	0.0
3/17/2024 11:45	57.0	4.0	8.0	SE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/17/2024 11:50	57.0	5.0	8.0	ESE	0.0
3/17/2024 11:55	57.0	5.0	9.0	SE	0.0
3/17/2024 12:00	57.0	6.0	9.0	E	0.0
3/17/2024 12:05	57.0	6.0	9.0	ESE	0.0
3/17/2024 12:10	57.0	6.0	9.0	ESE	0.0
3/17/2024 12:15	57.0	4.0	9.0	ESE	0.0
3/17/2024 12:20	58.0	5.0	10.0	ENE	0.0
3/17/2024 12:25	58.0	6.0	9.0	ENE	0.0
3/17/2024 12:30	58.0	4.0	7.0	E	0.0
3/17/2024 12:35	59.0	6.0	10.0	SE	0.0
3/17/2024 12:40	59.0	6.0	11.0	ESE	0.0
3/17/2024 12:45	58.0	8.0	11.0	ESE	0.0
3/17/2024 12:50	58.0	7.0	12.0	ESE	0.0
3/17/2024 12:55	58.0	7.0	11.0	ESE	0.0
3/17/2024 13:00	58.0	7.0	11.0	E	0.0
3/17/2024 13:05	58.0	7.0	10.0	ESE	0.0
3/17/2024 13:10	59.0	5.0	9.0	E	0.0
3/17/2024 13:15	59.0	7.0	10.0	SSE	0.0
3/17/2024 13:20	59.0	7.0	11.0	ESE	0.0
3/17/2024 13:25	59.0	7.0	11.0	E	0.0
3/17/2024 13:30	60.0	8.0	11.0	ESE	0.0
3/17/2024 13:35	60.0	8.0	11.0	E	0.0
3/17/2024 13:40	60.0	7.0	11.0	E	0.0
3/17/2024 13:45	60.0	8.0	12.0	SE	0.0
3/17/2024 13:50	60.0	8.0	12.0	ESE	0.0
3/17/2024 13:55	60.0	8.0	11.0	E	0.0
3/17/2024 14:00	61.0	7.0	12.0	ENE	0.0
3/17/2024 14:05	61.0	8.0	11.0	ESE	0.0
3/17/2024 14:10	61.0	10.0	13.0	SE	0.0
3/17/2024 14:15	61.0	6.0	11.0	ESE	0.0
3/17/2024 14:20	62.0	8.0	13.0	E	0.0
3/17/2024 14:25	62.0	9.0	13.0	E	0.0
3/17/2024 14:30	62.0	10.0	14.0	E	0.0
3/17/2024 14:35	61.0	10.0	14.0	SE	0.0
3/17/2024 14:40	61.0	10.0	14.0	E	0.0
3/17/2024 14:45	61.0	9.0	15.0	E	0.0
3/17/2024 14:50	61.0	10.0	14.0	E	0.0
3/17/2024 14:55	61.0	9.0	14.0	ESE	0.0
3/17/2024 15:00	61.0	10.0	15.0	E	0.0
3/17/2024 15:05	61.0	10.0	13.0	ESE	0.0
3/17/2024 15:10	61.0	12.0	15.0	ESE	0.0
3/17/2024 15:15	61.0	11.0	15.0	E	0.0
3/17/2024 15:20	61.0	12.0	17.0	ESE	0.0
3/17/2024 15:25	60.0	12.0	17.0	ESE	0.0
3/17/2024 15:30	61.0	10.0	16.0	ESE	0.0
3/17/2024 15:35	61.0	12.0	16.0	E	0.0
3/17/2024 15:40	60.0	10.0	18.0	E	0.0
3/17/2024 15:45	60.0	11.0	15.0	ESE	0.0
3/17/2024 15:50	60.0	11.0	16.0	ESE	0.0
3/17/2024 15:55	60.0	9.0	15.0	E	0.0
3/17/2024 16:00	60.0	9.0	17.0	E	0.0
3/17/2024 16:05	60.0	9.0	15.0	ESE	0.0
3/17/2024 16:10	60.0	9.0	15.0	ESE	0.0
3/17/2024 16:15	60.0	9.0	15.0	E	0.0
3/17/2024 16:20	60.0	10.0	15.0	E	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/17/2024 16:25	60.0	9.0	14.0	E	0.0
3/17/2024 16:30	60.0	8.0	12.0	ENE	0.0
3/17/2024 16:35	61.0	7.0	11.0	SE	0.0
3/17/2024 16:40	61.0	9.0	14.0	E	0.0
3/17/2024 16:45	61.0	10.0	14.0	ESE	0.0
3/17/2024 16:50	60.0	10.0	14.0	ESE	0.0
3/17/2024 16:55	60.0	7.0	12.0	E	0.0
3/17/2024 17:00	61.0	10.0	14.0	ESE	0.0
3/17/2024 17:05	60.0	9.0	14.0	E	0.0
3/17/2024 17:10	60.0	9.0	15.0	ESE	0.0
3/17/2024 17:15	60.0	11.0	15.0	ESE	0.0
3/17/2024 17:20	60.0	9.0	13.0	E	0.0
3/17/2024 17:25	60.0	11.0	18.0	E	0.0
3/17/2024 17:30	60.0	11.0	17.0	ESE	0.0
3/17/2024 17:35	60.0	11.0	17.0	ESE	0.0
3/17/2024 17:40	60.0	9.0	15.0	E	0.0
3/17/2024 17:45	60.0	8.0	13.0	ENE	0.0
3/17/2024 17:50	60.0	9.0	14.0	ESE	0.0
3/17/2024 17:55	60.0	10.0	14.0	ESE	0.0
3/17/2024 18:00	59.0	10.0	13.0	ESE	0.0
3/18/2024 6:00	50.0	0.0	0.0		0.0
3/18/2024 6:05	50.0	0.0	0.0		0.0
3/18/2024 6:10	50.0	0.0	0.0		0.0
3/18/2024 6:15	50.0	0.0	0.0		0.0
3/18/2024 6:20	50.0	0.0	0.0		0.0
3/18/2024 6:25	50.0	0.0	0.0		0.0
3/18/2024 6:30	50.0	0.0	0.0		0.0
3/18/2024 6:35	50.0	0.0	1.0	WSW	0.0
3/18/2024 6:40	50.0	0.0	0.0		0.0
3/18/2024 6:45	50.0	0.0	0.0		0.0
3/18/2024 6:50	50.0	0.0	0.0		0.0
3/18/2024 6:55	50.0	0.0	0.0		0.0
3/18/2024 7:00	50.0	0.0	0.0		0.0
3/18/2024 7:05	50.0	0.0	0.0		0.0
3/18/2024 7:10	50.0	0.0	0.0		0.0
3/18/2024 7:15	50.0	0.0	0.0		0.0
3/18/2024 7:20	50.0	0.0	0.0		0.0
3/18/2024 7:25	50.0	0.0	0.0		0.0
3/18/2024 7:30	50.0	0.0	0.0		0.0
3/18/2024 7:35	50.0	0.0	0.0		0.0
3/18/2024 7:40	50.0	0.0	0.0		0.0
3/18/2024 7:45	50.0	0.0	0.0		0.0
3/18/2024 7:50	50.0	0.0	0.0		0.0
3/18/2024 7:55	50.0	0.0	0.0		0.0
3/18/2024 8:00	51.0	0.0	0.0		0.0
3/18/2024 8:05	51.0	0.0	0.0		0.0
3/18/2024 8:10	52.0	0.0	2.0	WSW	0.0
3/18/2024 8:15	52.0	0.0	0.0		0.0
3/18/2024 8:20	52.0	0.0	0.0		0.0
3/18/2024 8:25	52.0	0.0	0.0		0.0
3/18/2024 8:30	52.0	0.0	0.0		0.0
3/18/2024 8:35	53.0	0.0	0.0		0.0
3/18/2024 8:40	54.0	0.0	0.0		0.0
3/18/2024 8:45	54.0	0.0	0.0		0.0
3/18/2024 8:50	55.0	0.0	0.0		0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/18/2024 8:55	56.0	0.0	2.0	WSW	0.0
3/18/2024 9:00	56.0	0.0	2.0	SW	0.0
3/18/2024 9:05	56.0	0.0	2.0	WSW	0.0
3/18/2024 9:10	56.0	1.0	3.0	SE	0.0
3/18/2024 9:15	56.0	1.0	3.0	SSE	0.0
3/18/2024 9:20	56.0	0.0	3.0	SSW	0.0
3/18/2024 9:25	56.0	1.0	3.0	SE	0.0
3/18/2024 9:30	56.0	1.0	5.0	S	0.0
3/18/2024 9:35	56.0	1.0	3.0	ESE	0.0
3/18/2024 9:40	56.0	2.0	4.0	ESE	0.0
3/18/2024 9:45	56.0	0.0	1.0	ENE	0.0
3/18/2024 9:50	56.0	0.0	2.0	SE	0.0
3/18/2024 9:55	56.0	1.0	3.0	ESE	0.0
3/18/2024 10:00	56.0	3.0	4.0	E	0.0
3/18/2024 10:05	56.0	0.0	3.0	ESE	0.0
3/18/2024 10:10	56.0	2.0	6.0	ESE	0.0
3/18/2024 10:15	56.0	2.0	7.0	ESE	0.0
3/18/2024 10:20	56.0	3.0	6.0	E	0.0
3/18/2024 10:25	56.0	3.0	8.0	E	0.0
3/18/2024 10:30	56.0	1.0	4.0	ESE	0.0
3/18/2024 10:35	56.0	1.0	5.0	ENE	0.0
3/18/2024 10:40	57.0	3.0	6.0	E	0.0
3/18/2024 10:45	57.0	5.0	9.0	E	0.0
3/18/2024 10:50	57.0	5.0	8.0	SE	0.0
3/18/2024 10:55	56.0	2.0	6.0	E	0.0
3/18/2024 11:00	57.0	5.0	8.0	E	0.0
3/18/2024 11:05	56.0	3.0	7.0	ESE	0.0
3/18/2024 11:10	56.0	5.0	8.0	E	0.0
3/18/2024 11:15	56.0	4.0	8.0	ENE	0.0
3/18/2024 11:20	56.0	4.0	8.0	ESE	0.0
3/18/2024 11:25	56.0	5.0	9.0	E	0.0
3/18/2024 11:30	56.0	4.0	8.0	E	0.0
3/18/2024 11:35	57.0	6.0	10.0	ENE	0.0
3/18/2024 11:40	57.0	5.0	8.0	ENE	0.0
3/18/2024 11:45	57.0	5.0	11.0	ESE	0.0
3/18/2024 11:50	57.0	4.0	11.0	ESE	0.0
3/18/2024 11:55	57.0	5.0	9.0	E	0.0
3/18/2024 12:00	57.0	5.0	10.0	ENE	0.0
3/18/2024 12:05	57.0	6.0	10.0	SE	0.0
3/18/2024 12:10	58.0	6.0	9.0	NE	0.0
3/18/2024 12:15	58.0	6.0	10.0	ESE	0.0
3/18/2024 12:20	58.0	6.0	11.0	E	0.0
3/18/2024 12:25	58.0	5.0	11.0	ESE	0.0
3/18/2024 12:30	58.0	6.0	10.0	E	0.0
3/18/2024 12:35	58.0	6.0	8.0	E	0.0
3/18/2024 12:40	58.0	5.0	9.0	E	0.0
3/18/2024 12:45	59.0	5.0	10.0	ESE	0.0
3/18/2024 12:50	59.0	6.0	9.0	ESE	0.0
3/18/2024 12:55	59.0	6.0	10.0	E	0.0
3/18/2024 13:00	60.0	7.0	10.0	ESE	0.0
3/18/2024 13:05	60.0	6.0	10.0	E	0.0
3/18/2024 13:10	60.0	6.0	9.0	ESE	0.0
3/18/2024 13:15	60.0	6.0	10.0	ESE	0.0
3/18/2024 13:20	60.0	7.0	11.0	ESE	0.0
3/18/2024 13:25	60.0	7.0	11.0	ENE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/18/2024 13:30	60.0	7.0	12.0	NE	0.0
3/18/2024 13:35	60.0	8.0	11.0	E	0.0
3/18/2024 13:40	59.0	7.0	10.0	ESE	0.0
3/18/2024 13:45	59.0	6.0	10.0	E	0.0
3/18/2024 13:50	60.0	5.0	10.0	ESE	0.0
3/18/2024 13:55	60.0	6.0	10.0	SE	0.0
3/18/2024 14:00	61.0	7.0	9.0	ESE	0.0
3/18/2024 14:05	61.0	6.0	10.0	E	0.0
3/18/2024 14:10	61.0	7.0	10.0	ENE	0.0
3/18/2024 14:15	62.0	5.0	10.0	E	0.0
3/18/2024 14:20	62.0	7.0	10.0	ESE	0.0
3/18/2024 14:25	62.0	6.0	10.0	ESE	0.0
3/18/2024 14:30	63.0	6.0	9.0	ENE	0.0
3/18/2024 14:35	63.0	5.0	8.0	ESE	0.0
3/18/2024 14:40	63.0	5.0	9.0	ESE	0.0
3/18/2024 14:45	64.0	3.0	8.0	E	0.0
3/18/2024 14:50	65.0	4.0	9.0	ESE	0.0
3/18/2024 14:55	65.0	5.0	9.0	ESE	0.0
3/18/2024 15:00	65.0	6.0	10.0	ESE	0.0
3/18/2024 15:05	64.0	7.0	10.0	E	0.0
3/18/2024 15:10	64.0	6.0	10.0	ESE	0.0
3/18/2024 15:15	64.0	7.0	11.0	ESE	0.0
3/18/2024 15:20	64.0	9.0	13.0	E	0.0
3/18/2024 15:25	64.0	9.0	13.0	E	0.0
3/18/2024 15:30	63.0	10.0	13.0	E	0.0
3/18/2024 15:35	63.0	9.0	15.0	ESE	0.0
3/18/2024 15:40	63.0	9.0	15.0	E	0.0
3/18/2024 15:45	63.0	10.0	15.0	E	0.0
3/18/2024 15:50	62.0	10.0	13.0	E	0.0
3/18/2024 15:55	62.0	10.0	14.0	ESE	0.0
3/18/2024 16:00	63.0	10.0	14.0	ESE	0.0
3/18/2024 16:05	63.0	10.0	14.0	E	0.0
3/18/2024 16:10	63.0	10.0	15.0	ESE	0.0
3/18/2024 16:15	62.0	10.0	15.0	ESE	0.0
3/18/2024 16:20	62.0	10.0	13.0	ESE	0.0
3/18/2024 16:25	63.0	9.0	13.0	E	0.0
3/18/2024 16:30	63.0	10.0	14.0	E	0.0
3/18/2024 16:35	63.0	9.0	13.0	E	0.0
3/18/2024 16:40	63.0	10.0	14.0	E	0.0
3/18/2024 16:45	63.0	11.0	14.0	ESE	0.0
3/18/2024 16:50	62.0	10.0	13.0	ESE	0.0
3/18/2024 16:55	62.0	10.0	13.0	ESE	0.0
3/18/2024 17:00	62.0	10.0	14.0	ESE	0.0
3/18/2024 17:05	62.0	9.0	14.0	SE	0.0
3/18/2024 17:10	62.0	11.0	15.0	ESE	0.0
3/18/2024 17:15	62.0	7.0	12.0	ESE	0.0
3/18/2024 17:20	62.0	10.0	13.0	ESE	0.0
3/18/2024 17:25	62.0	8.0	13.0	E	0.0
3/18/2024 17:30	62.0	8.0	13.0	ESE	0.0
3/18/2024 17:35	62.0	8.0	14.0	E	0.0
3/18/2024 17:40	62.0	9.0	14.0	E	0.0
3/18/2024 17:45	62.0	8.0	12.0	ESE	0.0
3/18/2024 17:50	62.0	8.0	13.0	E	0.0
3/18/2024 17:55	62.0	9.0	13.0	ESE	0.0
3/18/2024 18:00	62.0	8.0	13.0	SE	0.0



### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/21/2024 6:00	53.0	1.0	3.0	NW	0.0
3/21/2024 6:05	53.0	1.0	3.0	WNW	0.0
3/21/2024 6:10	53.0	0.0	0.0		0.0
3/21/2024 6:15	53.0	0.0	2.0	WNW	0.0
3/21/2024 6:20	53.0	2.0	4.0	WNW	0.0
3/21/2024 6:25	53.0	2.0	4.0	WNW	0.0
3/21/2024 6:30	53.0	2.0	3.0	WNW	0.0
3/21/2024 6:35	54.0	1.0	2.0	NW	0.0
3/21/2024 6:40	54.0	1.0	3.0	W	0.0
3/21/2024 6:45	54.0	2.0	3.0	NW	0.0
3/21/2024 6:50	54.0	1.0	3.0	W	0.0
3/21/2024 6:55	54.0	1.0	4.0	WNW	0.0
3/21/2024 7:00	54.0	1.0	2.0	W	0.0
3/21/2024 7:05	54.0	1.0	3.0	WNW	0.0
3/21/2024 7:10	54.0	0.0	1.0	WNW	0.0
3/21/2024 7:15	54.0	0.0	2.0	WSW	0.0
3/21/2024 7:20	54.0	1.0	2.0	WSW	0.0
3/21/2024 7:25	54.0	1.0	2.0	WSW	0.0
3/21/2024 7:30	54.0	0.0	0.0		0.0
3/21/2024 7:35	54.0	1.0	3.0	NW	0.0
3/21/2024 7:40	54.0	1.0	3.0	WNW	0.0
3/21/2024 7:45	54.0	1.0	2.0	NW	0.0
3/21/2024 7:50	54.0	1.0	3.0	W	0.0
3/21/2024 7:55	54.0	2.0	4.0	WNW	0.0
3/21/2024 8:00	54.0	2.0	4.0	WNW	0.0
3/21/2024 8:05	54.0	2.0	4.0	W	0.0
3/21/2024 8:10	54.0	2.0	4.0	WNW	0.0
3/21/2024 8:15	55.0	2.0	6.0	WNW	0.0
3/21/2024 8:20	55.0	2.0	6.0	WNW	0.0
3/21/2024 8:25	55.0	2.0	4.0	WNW	0.0
3/21/2024 8:30	55.0	2.0	4.0	WNW	0.0
3/21/2024 8:35	55.0	1.0	4.0	N	0.0
3/21/2024 8:40	55.0	2.0	4.0	NNW	0.0
3/21/2024 8:45	55.0	1.0	4.0	NNW	0.0
3/21/2024 8:50	55.0	1.0	4.0	NNW	0.0
3/21/2024 8:55	55.0	2.0	4.0	WNW	0.0
3/21/2024 9:00	55.0	1.0	3.0	WNW	0.0
3/21/2024 9:05	56.0	1.0	4.0	NNW	0.0
3/21/2024 9:10	56.0	2.0	5.0	N	0.0
3/21/2024 9:15	56.0	2.0	5.0	NNW	0.0
3/21/2024 9:20	56.0	1.0	3.0	NE	0.0
3/21/2024 9:25	57.0	1.0	4.0	N	0.0
3/21/2024 9:30	57.0	1.0	4.0	NNW	0.0
3/21/2024 9:35	57.0	1.0	4.0	N	0.0
3/21/2024 9:40	57.0	2.0	3.0	NNW	0.0
3/21/2024 9:45	57.0	1.0	3.0	WNW	0.0
3/21/2024 9:50	57.0	1.0	3.0	NW	0.0
3/21/2024 9:55	57.0	1.0	3.0	WNW	0.0
3/21/2024 10:00	58.0	0.0	2.0	NNE	0.0
3/21/2024 10:05	58.0	0.0	3.0	NNW	0.0
3/21/2024 10:10	58.0	1.0	5.0	NNW	0.0
3/21/2024 10:15	59.0	1.0	2.0	NE	0.0
3/21/2024 10:20	59.0	1.0	4.0	ENE	0.0
3/21/2024 10:25	59.0	1.0	3.0	NE	0.0
3/21/2024 10:30	59.0	1.0	3.0	N	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/21/2024 10:35	59.0	1.0	3.0	NNW	0.0
3/21/2024 10:40	60.0	1.0	3.0	NNE	0.0
3/21/2024 10:45	60.0	1.0	4.0	N	0.0
3/21/2024 10:50	60.0	2.0	6.0	N	0.0
3/21/2024 10:55	61.0	1.0	4.0	WNW	0.0
3/21/2024 11:00	62.0	2.0	4.0	NNE	0.0
3/21/2024 11:05	62.0	2.0	6.0	NNE	0.0
3/21/2024 11:10	63.0	3.0	8.0	NNW	0.0
3/21/2024 11:15	63.0	2.0	6.0	WNW	0.0
3/21/2024 11:20	64.0	2.0	6.0	W	0.0
3/21/2024 11:25	64.0	1.0	3.0	W	0.0
3/21/2024 11:30	64.0	1.0	4.0	NNE	0.0
3/21/2024 11:35	64.0	1.0	3.0	N	0.0
3/21/2024 11:40	65.0	1.0	2.0	SW	0.0
3/21/2024 11:45	65.0	1.0	4.0	E	0.0
3/21/2024 11:50	65.0	2.0	6.0	ESE	0.0
3/21/2024 11:55	64.0	1.0	4.0	ESE	0.0
3/21/2024 12:00	64.0	1.0	3.0	ESE	0.0
3/21/2024 12:05	64.0	1.0	4.0	NW	0.0
3/21/2024 12:10	65.0	2.0	6.0	NNW	0.0
3/21/2024 12:15	65.0	2.0	4.0	NNE	0.0
3/21/2024 12:20	65.0	2.0	6.0	NNE	0.0
3/21/2024 12:25	66.0	2.0	5.0	NNE	0.0
3/21/2024 12:30	65.0	2.0	4.0	NE	0.0
3/21/2024 12:35	64.0	2.0	5.0	ENE	0.0
3/21/2024 12:40	64.0	2.0	5.0	ENE	0.0
3/21/2024 12:45	65.0	2.0	4.0	NNE	0.0
3/21/2024 12:50	65.0	2.0	6.0	E	0.0
3/21/2024 12:55	65.0	3.0	7.0	ESE	0.0
3/21/2024 13:00	64.0	4.0	7.0	ESE	0.0
3/21/2024 13:05	64.0	5.0	10.0	E	0.0
3/21/2024 13:10	64.0	5.0	10.0	ESE	0.0
3/21/2024 13:15	63.0	7.0	10.0	SE	0.0
3/21/2024 13:20	63.0	7.0	12.0	SE	0.0
3/21/2024 13:25	63.0	9.0	13.0	ESE	0.0
3/21/2024 13:30	62.0	9.0	15.0	ESE	0.0
3/21/2024 13:35	62.0	7.0	12.0	ESE	0.0
3/21/2024 13:40	62.0	5.0	9.0	ESE	0.0
3/21/2024 13:45	63.0	7.0	11.0	E	0.0
3/21/2024 13:50	63.0	6.0	12.0	E	0.0
3/21/2024 13:55	62.0	7.0	12.0	ESE	0.0
3/21/2024 14:00	62.0	5.0	11.0	ESE	0.0
3/21/2024 14:05	63.0	7.0	12.0	E	0.0
3/21/2024 14:10	63.0	7.0	11.0	ESE	0.0
3/21/2024 14:15	62.0	9.0	12.0	E	0.0
3/21/2024 14:20	62.0	9.0	13.0	ESE	0.0
3/21/2024 14:25	62.0	9.0	13.0	E	0.0
3/21/2024 14:30	62.0	10.0	15.0	E	0.0
3/21/2024 14:35	62.0	8.0	13.0	ESE	0.0
3/21/2024 14:40	62.0	10.0	13.0	ESE	0.0
3/21/2024 14:45	62.0	10.0	15.0	ESE	0.0
3/21/2024 14:50	62.0	10.0	14.0	E	0.0
3/21/2024 14:55	62.0	10.0	14.0	E	0.0
3/21/2024 15:00	62.0	10.0	16.0	E	0.0
3/21/2024 15:05	62.0	11.0	17.0	ESE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/21/2024 15:10	62.0	10.0	15.0	ESE	0.0
3/21/2024 15:15	62.0	10.0	14.0	ESE	0.0
3/21/2024 15:20	62.0	7.0	14.0	E	0.0
3/21/2024 15:25	62.0	11.0	18.0	ESE	0.0
3/21/2024 15:30	62.0	10.0	14.0	E	0.0
3/21/2024 15:35	62.0	10.0	15.0	ESE	0.0
3/21/2024 15:40	62.0	11.0	17.0	E	0.0
3/21/2024 15:45	62.0	10.0	18.0	E	0.0
3/21/2024 15:50	62.0	9.0	16.0	ESE	0.0
3/21/2024 15:55	62.0	12.0	16.0	E	0.0
3/21/2024 16:00	62.0	11.0	16.0	E	0.0
3/21/2024 16:05	62.0	12.0	16.0	ESE	0.0
3/21/2024 16:10	62.0	11.0	15.0	ESE	0.0
3/21/2024 16:15	62.0	11.0	15.0	ESE	0.0
3/21/2024 16:20	62.0	9.0	14.0	ESE	0.0
3/21/2024 16:25	62.0	11.0	16.0	SE	0.0
3/21/2024 16:30	62.0	10.0	14.0	E	0.0
3/21/2024 16:35	62.0	11.0	14.0	ESE	0.0
3/21/2024 16:40	61.0	9.0	14.0	E	0.0
3/21/2024 16:45	61.0	10.0	14.0	E	0.0
3/21/2024 16:50	61.0	9.0	13.0	ESE	0.0
3/21/2024 16:55	61.0	9.0	15.0	ESE	0.0
3/21/2024 17:00	61.0	9.0	14.0	ESE	0.0
3/21/2024 17:05	62.0	7.0	12.0	SE	0.0
3/21/2024 17:10	62.0	7.0	13.0	ESE	0.0
3/21/2024 17:15	61.0	10.0	14.0	ESE	0.0
3/21/2024 17:20	61.0	9.0	13.0	ESE	0.0
3/21/2024 17:25	61.0	10.0	13.0	E	0.0
3/21/2024 17:30	61.0	9.0	15.0	ESE	0.0
3/21/2024 17:35	61.0	6.0	12.0	E	0.0
3/21/2024 17:40	61.0	8.0	13.0	E	0.0
3/21/2024 17:45	61.0	9.0	13.0	ESE	0.0
3/21/2024 17:50	61.0	9.0	13.0	ESE	0.0
3/21/2024 17:55	61.0	10.0	16.0	ESE	0.0
3/21/2024 18:00	61.0	10.0	14.0	ESE	0.0
3/22/2024 6:00	54.0	2.0	4.0	W	0.0
3/22/2024 6:05	54.0	2.0	4.0	WNW	0.0
3/22/2024 6:10	54.0	2.0	6.0	W	0.0
3/22/2024 6:15	54.0	3.0	6.0	W	0.0
3/22/2024 6:20	53.0	2.0	5.0	WSW	0.0
3/22/2024 6:25	53.0	3.0	6.0	W	0.0
3/22/2024 6:30	53.0	1.0	3.0	WSW	0.0
3/22/2024 6:35	53.0	2.0	3.0	W	0.0
3/22/2024 6:40	53.0	1.0	4.0	WNW	0.0
3/22/2024 6:45	53.0	1.0	3.0	WNW	0.0
3/22/2024 6:50	53.0	2.0	6.0	W	0.0
3/22/2024 6:55	53.0	2.0	4.0	WNW	0.0
3/22/2024 7:00	53.0	3.0	6.0	WNW	0.0
3/22/2024 7:05	53.0	3.0	8.0	WNW	0.0
3/22/2024 7:10	53.0	3.0	4.0	NW	0.0
3/22/2024 7:15	53.0	3.0	5.0	NW	0.0
3/22/2024 7:20	53.0	3.0	7.0	NW	0.0
3/22/2024 7:25	53.0	4.0	7.0	WNW	0.0
3/22/2024 7:30	53.0	4.0	8.0	WNW	0.0
3/22/2024 7:35	53.0	6.0	9.0	W	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/22/2024 7:40	54.0	5.0	9.0	W	0.0
3/22/2024 7:45	54.0	5.0	9.0	WNW	0.0
3/22/2024 7:50	54.0	4.0	9.0	WNW	0.0
3/22/2024 7:55	54.0	1.0	4.0	NE	0.0
3/22/2024 8:00	54.0	2.0	7.0	NW	0.0
3/22/2024 8:05	54.0	2.0	5.0	NW	0.0
3/22/2024 8:10	54.0	1.0	6.0	N	0.0
3/22/2024 8:15	54.0	2.0	4.0	NW	0.0
3/22/2024 8:20	54.0	3.0	6.0	WNW	0.0
3/22/2024 8:25	54.0	4.0	7.0	WNW	0.0
3/22/2024 8:30	54.0	5.0	9.0	WNW	0.0
3/22/2024 8:35	54.0	5.0	10.0	WNW	0.0
3/22/2024 8:40	54.0	5.0	10.0	WNW	0.0
3/22/2024 8:45	54.0	6.0	9.0	WNW	0.0
3/22/2024 8:50	54.0	4.0	9.0	WNW	0.0
3/22/2024 8:55	55.0	4.0	9.0	WNW	0.0
3/22/2024 9:00	55.0	4.0	8.0	NW	0.0
3/22/2024 9:05	55.0	4.0	9.0	NW	0.0
3/22/2024 9:10	56.0	5.0	10.0	NW	0.0
3/22/2024 9:15	56.0	4.0	7.0	NW	0.0
3/22/2024 9:20	56.0	6.0	10.0	WNW	0.0
3/22/2024 9:25	57.0	5.0	9.0	WNW	0.0
3/22/2024 9:30	57.0	5.0	8.0	WNW	0.0
3/22/2024 9:35	58.0	4.0	8.0	NW	0.0
3/22/2024 9:40	58.0	4.0	8.0	WNW	0.0
3/22/2024 9:45	58.0	5.0	9.0	WNW	0.0
3/22/2024 9:50	59.0	5.0	9.0	W	0.0
3/22/2024 9:55	59.0	5.0	9.0	W	0.0
3/22/2024 10:00	59.0	5.0	9.0	WNW	0.0
3/22/2024 10:05	60.0	6.0	10.0	WNW	0.0
3/22/2024 10:10	60.0	6.0	11.0	WNW	0.0
3/22/2024 10:15	60.0	5.0	11.0	WNW	0.0
3/22/2024 10:20	60.0	5.0	10.0	WNW	0.0
3/22/2024 10:25	61.0	7.0	12.0	WNW	0.0
3/22/2024 10:30	61.0	8.0	12.0	WNW	0.0
3/22/2024 10:35	61.0	7.0	12.0	W	0.0
3/22/2024 10:40	62.0	6.0	11.0	NW	0.0
3/22/2024 10:45	62.0	6.0	11.0	WNW	0.0
3/22/2024 10:50	62.0	6.0	11.0	NW	0.0
3/22/2024 10:55	63.0	6.0	11.0	NW	0.0
3/22/2024 11:00	64.0	7.0	13.0	WNW	0.0
3/22/2024 11:05	64.0	6.0	12.0	WNW	0.0
3/22/2024 11:10	64.0	6.0	12.0	NW	0.0
3/22/2024 11:15	65.0	7.0	13.0	NW	0.0
3/22/2024 11:20	65.0	7.0	11.0	W	0.0
3/22/2024 11:25	65.0	5.0	11.0	WNW	0.0
3/22/2024 11:30	66.0	5.0	10.0	NNW	0.0
3/22/2024 11:35	66.0	6.0	10.0	WNW	0.0
3/22/2024 11:40	66.0	6.0	11.0	NW	0.0
3/22/2024 11:45	66.0	5.0	12.0	NNW	0.0
3/22/2024 11:50	66.0	5.0	10.0	W	0.0
3/22/2024 11:55	66.0	4.0	10.0	NW	0.0
3/22/2024 12:00	65.0	6.0	11.0	NNW	0.0
3/22/2024 12:05	65.0	5.0	9.0	WNW	0.0
3/22/2024 12:10	65.0	5.0	10.0	W	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/22/2024 12:15	66.0	5.0	10.0	WNW	0.0
3/22/2024 12:20	66.0	5.0	10.0	NW	0.0
3/22/2024 12:25	67.0	4.0	10.0	NW	0.0
3/22/2024 12:30	67.0	6.0	11.0	NW	0.0
3/22/2024 12:35	67.0	5.0	11.0	WNW	0.0
3/22/2024 12:40	67.0	6.0	13.0	NNW	0.0
3/22/2024 12:45	67.0	6.0	12.0	NNW	0.0
3/22/2024 12:50	68.0	6.0	13.0	WNW	0.0
3/22/2024 12:55	68.0	6.0	10.0	W	0.0
3/22/2024 13:00	68.0	6.0	11.0	WNW	0.0
3/22/2024 13:05	68.0	9.0	15.0	NNW	0.0
3/22/2024 13:10	68.0	6.0	14.0	WNW	0.0
3/22/2024 13:15	68.0	6.0	14.0	WNW	0.0
3/22/2024 13:20	69.0	5.0	13.0	WNW	0.0
3/22/2024 13:25	68.0	4.0	7.0	WNW	0.0
3/22/2024 13:30	68.0	5.0	8.0	NW	0.0
3/22/2024 13:35	68.0	5.0	9.0	NW	0.0
3/22/2024 13:40	68.0	6.0	10.0	NNW	0.0
3/22/2024 13:45	68.0	6.0	13.0	N	0.0
3/22/2024 13:50	68.0	9.0	15.0	N	0.0
3/22/2024 13:55	68.0	7.0	15.0	N	0.0
3/22/2024 14:00	67.0	9.0	15.0	NNW	0.0
3/22/2024 14:05	67.0	7.0	13.0	N	0.0
3/22/2024 14:10	67.0	10.0	18.0	NE	0.0
3/22/2024 14:15	66.0	10.0	17.0	NNE	0.0
3/22/2024 14:20	66.0	10.0	20.0	N	0.0
3/22/2024 14:25	66.0	9.0	17.0	NE	0.0
3/22/2024 14:30	66.0	9.0	16.0	NNE	0.0
3/22/2024 14:35	66.0	10.0	18.0	N	0.0
3/22/2024 14:40	65.0	8.0	12.0	N	0.0
3/22/2024 14:45	65.0	9.0	15.0	N	0.0
3/22/2024 14:50	65.0	8.0	16.0	N	0.0
3/22/2024 14:55	64.0	7.0	12.0	N	0.0
3/22/2024 15:00	64.0	7.0	11.0	NNE	0.0
3/22/2024 15:05	64.0	7.0	11.0	N	0.0
3/22/2024 15:10	64.0	9.0	18.0	NNE	0.0
3/22/2024 15:15	64.0	10.0	15.0	NNW	0.0
3/22/2024 15:20	64.0	8.0	17.0	NNW	0.0
3/22/2024 15:25	64.0	10.0	16.0	NNE	0.0
3/22/2024 15:30	64.0	11.0	17.0	NNE	0.0
3/22/2024 15:35	64.0	10.0	19.0	NNW	0.0
3/22/2024 15:40	64.0	11.0	19.0	N	0.0
3/22/2024 15:45	64.0	11.0	23.0	NW	0.0
3/22/2024 15:50	64.0	10.0	20.0	N	0.0
3/22/2024 15:55	64.0	9.0	17.0	NNW	0.0
3/22/2024 16:00	64.0	9.0	18.0	NNE	0.0
3/22/2024 16:05	64.0	8.0	16.0	NNE	0.0
3/22/2024 16:10	64.0	9.0	15.0	NNW	0.0
3/22/2024 16:15	63.0	10.0	17.0	NNW	0.0
3/22/2024 16:20	63.0	10.0	17.0	NNE	0.0
3/22/2024 16:25	63.0	10.0	16.0	NNW	0.0
3/22/2024 16:30	63.0	9.0	16.0	NNE	0.0
3/22/2024 16:35	63.0	10.0	19.0	N	0.0
3/22/2024 16:40	63.0	10.0	15.0	N	0.0
3/22/2024 16:45	63.0	11.0	21.0	NNE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
3/22/2024 16:50	63.0	11.0	22.0	NNW	0.0
3/22/2024 16:55	63.0	9.0	15.0	NNW	0.0
3/22/2024 17:00	63.0	8.0	14.0	NNE	0.0
3/22/2024 17:05	63.0	10.0	18.0	NNW	0.0
3/22/2024 17:10	63.0	8.0	15.0	NNW	0.0
3/22/2024 17:15	63.0	10.0	17.0	NE	0.0
3/22/2024 17:20	63.0	9.0	17.0	NNW	0.0
3/22/2024 17:25	62.0	8.0	18.0	N	0.0
3/22/2024 17:30	62.0	10.0	22.0	NNW	0.0
3/22/2024 17:35	62.0	8.0	15.0	NE	0.0
3/22/2024 17:40	62.0	10.0	17.0	N	0.0
3/22/2024 17:45	62.0	10.0	17.0	NE	0.0
3/22/2024 17:50	61.0	10.0	19.0	NNE	0.0
3/22/2024 17:55	61.0	10.0	19.0	NNW	0.0
3/22/2024 18:00	61.0	8.0	19.0	NE	0.0
4/9/2024 6:00	49.0	0.0	0.0		0.0
4/9/2024 6:05	49.0	0.0	0.0		0.0
4/9/2024 6:10	49.0	0.0	0.0		0.0
4/9/2024 6:15	49.0	0.0	0.0		0.0
4/9/2024 6:20	49.0	0.0	0.0		0.0
4/9/2024 6:25	49.0	0.0	0.0		0.0
4/9/2024 6:30	49.0	0.0	0.0		0.0
4/9/2024 6:35	48.0	0.0	0.0		0.0
4/9/2024 6:40	48.0	0.0	0.0		0.0
4/9/2024 6:45	48.0	0.0	1.0	S	0.0
4/9/2024 6:50	48.0	0.0	0.0		0.0
4/9/2024 6:55	48.0	0.0	0.0		0.0
4/9/2024 7:00	48.0	0.0	0.0		0.0
4/9/2024 7:05	48.0	0.0	0.0		0.0
4/9/2024 7:10	48.0	0.0	0.0		0.0
4/9/2024 7:15	48.0	0.0	0.0		0.0
4/9/2024 7:20	49.0	0.0	0.0		0.0
4/9/2024 7:25	49.0	0.0	0.0		0.0
4/9/2024 7:30	50.0	0.0	0.0		0.0
4/9/2024 7:35	50.0	0.0	0.0		0.0
4/9/2024 7:40	51.0	0.0	0.0		0.0
4/9/2024 7:45	52.0	0.0	0.0		0.0
4/9/2024 7:50	52.0	0.0	0.0		0.0
4/9/2024 7:55	53.0	0.0	1.0	SSW	0.0
4/9/2024 8:00	54.0	0.0	0.0		0.0
4/9/2024 8:05	54.0	0.0	0.0		0.0
4/9/2024 8:10	55.0	0.0	0.0		0.0
4/9/2024 8:15	55.0	0.0	0.0		0.0
4/9/2024 8:20	56.0	0.0	0.0		0.0
4/9/2024 8:25	56.0	0.0	0.0		0.0
4/9/2024 8:30	56.0	0.0	0.0		0.0
4/9/2024 8:35	57.0	0.0	0.0		0.0
4/9/2024 8:40	58.0	0.0	1.0	NE	0.0
4/9/2024 8:45	59.0	0.0	0.0		0.0
4/9/2024 8:50	59.0	0.0	0.0		0.0
4/9/2024 8:55	60.0	0.0	1.0	NNE	0.0
4/9/2024 9:00	60.0	0.0	0.0		0.0
4/9/2024 9:05	60.0	0.0	1.0	NNE	0.0
4/9/2024 9:10	60.0	0.0	1.0	NNE	0.0
4/9/2024 9:15	60.0	0.0	1.0	NE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
4/9/2024 9:20	60.0	0.0	1.0	NE	0.0
4/9/2024 9:25	59.0	0.0	1.0	ENE	0.0
4/9/2024 9:30	59.0	0.0	0.0		0.0
4/9/2024 9:35	59.0	0.0	1.0	NNE	0.0
4/9/2024 9:40	59.0	1.0	3.0	NNE	0.0
4/9/2024 9:45	59.0	0.0	2.0	NE	0.0
4/9/2024 9:50	60.0	2.0	5.0	NE	0.0
4/9/2024 9:55	60.0	2.0	4.0	NNE	0.0
4/9/2024 10:00	60.0	2.0	4.0	NNE	0.0
4/9/2024 10:05	60.0	2.0	4.0	NE	0.0
4/9/2024 10:10	60.0	2.0	6.0	E	0.0
4/9/2024 10:15	60.0	2.0	4.0	NNE	0.0
4/9/2024 10:20	60.0	2.0	5.0	NNE	0.0
4/9/2024 10:25	60.0	1.0	3.0	NE	0.0
4/9/2024 10:30	60.0	2.0	7.0	ESE	0.0
4/9/2024 10:35	60.0	4.0	7.0	ESE	0.0
4/9/2024 10:40	59.0	2.0	4.0	E	0.0
4/9/2024 10:45	59.0	2.0	4.0	ESE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
4/9/2024 10:50	59.0	2.0	4.0	E	0.0
4/9/2024 10:55	60.0	2.0	5.0	ESE	0.0
4/9/2024 11:00	60.0	3.0	7.0	ESE	0.0
4/9/2024 11:05	60.0	4.0	7.0	ESE	0.0
4/9/2024 11:10	60.0	4.0	7.0	E	0.0
4/9/2024 11:15	60.0	5.0	7.0	ESE	0.0
4/9/2024 11:20	60.0	4.0	7.0	ESE	0.0
4/9/2024 11:25	60.0	4.0	7.0	ESE	0.0
4/9/2024 11:30	60.0	4.0	7.0	E	0.0
4/9/2024 11:35	60.0	4.0	7.0	ESE	0.0
4/9/2024 11:40	61.0	4.0	6.0	SE	0.0
4/9/2024 11:45	61.0	4.0	7.0	E	0.0
4/9/2024 11:50	61.0	4.0	6.0	E	0.0
4/9/2024 11:55	62.0	4.0	7.0	ESE	0.0
4/9/2024 12:00	62.0	4.0	7.0	E	0.0
4/9/2024 12:05	62.0	4.0	7.0	E	0.0
4/9/2024 12:10	63.0	4.0	7.0	SE	0.0
4/9/2024 12:15	63.0	4.0	8.0	E	0.0
4/9/2024 12:20	64.0	4.0	7.0	ENE	0.0
4/9/2024 12:25	64.0	5.0	9.0	E	0.0
4/9/2024 12:30	64.0	5.0	8.0	ESE	0.0
4/9/2024 12:35	64.0	5.0	8.0	E	0.0
4/9/2024 12:40	64.0	4.0	8.0	ESE	0.0
4/9/2024 12:45	64.0	5.0	8.0	SE	0.0
4/9/2024 12:50	64.0	4.0	8.0	E	0.0
4/9/2024 12:55	65.0	4.0	8.0	ESE	0.0
4/9/2024 13:00	65.0	6.0	8.0	E	0.0
4/9/2024 13:05	65.0	6.0	9.0	ESE	0.0
4/9/2024 13:10	65.0	4.0	9.0	ESE	0.0
4/9/2024 13:15	65.0	4.0	8.0	SE	0.0
4/9/2024 13:20	66.0	6.0	9.0	ESE	0.0
4/9/2024 13:25	66.0	5.0	9.0	ESE	0.0
4/9/2024 13:30	66.0	7.0	10.0	ESE	0.0
4/9/2024 13:35	66.0	8.0	10.0	ESE	0.0



### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
4/9/2024 13:40	66.0	7.0	11.0	E	0.0
4/9/2024 13:45	66.0	7.0	10.0	ESE	0.0
4/9/2024 13:50	66.0	5.0	10.0	ENE	0.0
4/9/2024 13:55	66.0	8.0	11.0	ESE	0.0
4/9/2024 14:00	66.0	8.0	12.0	ESE	0.0
4/9/2024 14:05	66.0	6.0	12.0	ESE	0.0
4/9/2024 14:10	67.0	7.0	12.0	E	0.0
4/9/2024 14:15	67.0	7.0	11.0	E	0.0
4/9/2024 14:20	68.0	7.0	10.0	ESE	0.0
4/9/2024 14:25	68.0	7.0	11.0	E	0.0
4/9/2024 14:30	69.0	7.0	11.0	ENE	0.0
4/9/2024 14:35	69.0	8.0	11.0	ESE	0.0
4/9/2024 14:40	69.0	7.0	11.0	ESE	0.0
4/9/2024 14:45	69.0	9.0	13.0	SE	0.0
4/9/2024 14:50	69.0	8.0	12.0	ESE	0.0
4/9/2024 14:55	69.0	7.0	12.0	E	0.0
4/9/2024 15:00	69.0	8.0	12.0	ESE	0.0
4/9/2024 15:05	68.0	9.0	14.0	ESE	0.0
4/9/2024 15:10	68.0	9.0	11.0	SE	0.0
4/9/2024 15:15	68.0	9.0	13.0	ESE	0.0
4/9/2024 15:20	68.0	8.0	12.0	E	0.0
4/9/2024 15:25	68.0	6.0	10.0	ESE	0.0
4/9/2024 15:30	68.0	7.0	11.0	E	0.0
4/9/2024 15:35	68.0	8.0	12.0	ESE	0.0
4/9/2024 15:40	68.0	6.0	10.0	E	0.0
4/9/2024 15:45	68.0	7.0	10.0	E	0.0
4/9/2024 15:50	69.0	7.0	11.0	E	0.0
4/9/2024 15:55	69.0	8.0	12.0	ESE	0.0
4/9/2024 16:00	68.0	8.0	12.0	E	0.0
4/9/2024 16:05	68.0	9.0	14.0	E	0.0
4/9/2024 16:10	68.0	10.0	17.0	E	0.0
4/9/2024 16:15	68.0	11.0	15.0	ESE	0.0
4/9/2024 16:20	67.0	11.0	15.0	E	0.0
4/9/2024 16:25	67.0	9.0	14.0	ESE	0.0
4/9/2024 16:30	67.0	8.0	12.0	E	0.0
4/9/2024 16:35	67.0	9.0	13.0	ESE	0.0
4/9/2024 16:40	66.0	9.0	14.0	ESE	0.0
4/9/2024 16:45	66.0	8.0	12.0	ESE	0.0
4/9/2024 16:50	66.0	10.0	14.0	SE	0.0
4/9/2024 16:55	65.0	10.0	14.0	ESE	0.0
4/9/2024 17:00	65.0	8.0	12.0	ESE	0.0
4/9/2024 17:05	66.0	8.0	15.0	SE	0.0
4/9/2024 17:10	66.0	9.0	15.0	SE	0.0
4/9/2024 17:15	65.0	10.0	15.0	E	0.0
4/9/2024 17:20	65.0	11.0	15.0	E	0.0
4/9/2024 17:25	64.0	12.0	16.0	ESE	0.0
4/9/2024 17:30	64.0	10.0	14.0	E	0.0
4/9/2024 17:35	64.0	11.0	16.0	ESE	0.0
4/9/2024 17:40	64.0	11.0	16.0	E	0.0
4/9/2024 17:45	64.0	10.0	13.0	E	0.0
4/9/2024 17:50	64.0	6.0	11.0	ESE	0.0
4/9/2024 17:55	64.0	5.0	11.0	ESE	0.0
4/9/2024 18:00	65.0	5.0	12.0	ESE	0.0

\*Data collected from Ox Mountain's onsite Davis Instruments weather station

MPH - miles per hour   °F - Fahrenheit   N/A - Not Applicable   N - North   W - West   E - East

# 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:
01/26/2024, 9.00AM	1.6	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
01/26/2024, 9.15AM	2.1	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
01/26/2024, 9.30AM	2.4	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
01/26/2024, 9.45AM	2.8	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
01/26/2024, 10.00AM	2.5	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
01/26/2024, 10.15AM	4.8	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
01/26/2024, 10.30AM	0.4	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
01/26/2024, 11.00AM	0.4	6	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
01/26/2024, 11.15AM	0	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
01/26/2024, 11.30AM	2.4	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
01/26/2024, 11.45AM	3	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
01/26/2024, 1.00PM	1.09	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
01/26/2024, 1.15 PM	2.2	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
01/26/2024, 1.30PM	1.9	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
01/26/2024, 1.45PM	1.1	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
01/26/2024, 2.00PM	2.6	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
01/26/2024, 2.15PM	1.4	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
01/26/2024, 2.30PM	2.9	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
01/26/2024, 2.45PM	0.4	5	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137

N - North

W - West

E - East

S - South

MPH - miles per hour

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
01/27/2024, 9.00AM	0.7	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
01/27/2024, 9.15AM	1.4	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
01/27/2024, 9.30AM	0.5	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
01/27/2024, 9.45AM	2.8	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
01/27/2024, 10.00AM	2.5	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
01/27/2024, 10.15AM	4.8	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
01/27/2024, 10.30AM	4.3	7	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
01/27/2024, 10.45AM	0.4	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
01/27/2024, 11.00AM	2.7	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
01/27/2024, 11.15AM	2.4	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
01/27/2024, 11.30AM	4.4	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
01/27/2024, 11.45AM	4.1	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
01/27/2024, 12.00PM	2.2	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
01/27/2024, 12.15PM	2.7	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
01/27/2024, 12.30PM	1.1	8	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136

MPH - miles per hour      N - North      W - West      E - East      S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
01/30/2024, 11.00 AM	1.6	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
01/30/2024, 11.15 AM	2.1	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
01/30/2024, 11.30 AM	0	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
01/30/2024, 11.45 AM	2.8	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
01/30/2024, 1.00PM	1.3	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
01/30/2024, 1.15 PM	0	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
01/30/2024, 1.30PM	3.3	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
01/30/2024, 1.45PM	0.4	9	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
01/30/2024, 2.00PM	1.5	12	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
01/30/2024, 2.15PM	0	12	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
01/30/2024, 2.30 PM	4.4	12	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
01/30/2024, 2.45PM	1.09	12	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
01/30/2024, 3.00PM	0.2	12	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
01/30/2024, 3.15PM	0	12	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
01/30/2024, 3.30PM	3.9	12	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136

MPH - miles per hour      N - North      W - West      E - East      S - South



## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
02/12/2024, 9.15 AM	0.6	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
02/12/2024, 9.30 AM	0	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
02/12/2024, 9.45 AM	0	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
02/12/2024, 10.00 AM	0.7	4	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
02/12/2024, 10.15 AM	1.3	4	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
02/12/2024, 10.30 AM	0.8	4	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
02/12/2024, 10.45 AM	0	4	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
02/12/2024, 11.00 AM	0.4	4	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
02/12/2024, 11.15 AM	1.5	4	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
02/12/2024, 11.30 AM	0	4	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
02/12/2024, 11.45 AM	2.2	4	S	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
02/12/2024, 12.00PM	2.3	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
02/12/2024, 12.15 PM	0.2	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
02/12/2024, 12.30 PM	0	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
02/12/2024, 12.45 PM	1.5	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
02/12/2024, 1.00 PM	2	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
02/12/2024, 1.15 PM	1.6	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
02/12/2024, 1.30 PM	0.4	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
02/12/2024, 1.45 PM	1.3	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
02/12/2024, 2.00 PM	0.5	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
02/12/2024, 2.15 PM	0	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
02/12/2024, 2.30 PM	0.5	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
02/12/2024, 2.45 PM	1.3	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144
02/12/2024, 3.00 PM	2	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45145
02/12/2024, 3.15 PM	0.3	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45146
02/12/2024, 3.30 PM	2.2	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45147
02/12/2024, 3.45 PM	1.2	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45148
02/12/2024, 4.00 PM	2.1	7	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45149

S - South

E - East

W - West

N - North

MPH - miles per hour



## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
02/13/2024, 9.15 AM	0.6	4	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
02/13/2024, 9.30 AM	0	4	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
02/13/2024, 9.45 AM	0	4	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
02/13/2024, 10.00 AM	0.9	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
02/13/2024, 10.15 AM	1.3	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
02/13/2024, 10.30 AM	0.8	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
02/13/2024, 10.45 AM	0	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
02/13/2024, 11.00 AM	0.4	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
02/13/2024, 11.15 AM	1.5	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
02/13/2024, 11.30 AM	0	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
02/13/2024, 11.45 AM	2.2	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
02/13/2024, 12.00PM	2.3	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
02/13/2024, 12.15 PM	0.7	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
02/13/2024, 12.30 PM	2.5	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
02/13/2024, 12.45 PM	1.4	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
02/13/2024, 1.00 PM	0.5	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
02/13/2024, 1.15 PM	1.6	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
02/13/2024, 1.30 PM	0.4	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
02/13/2024, 1.45 PM	3.3	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
02/13/2024, 2.00 PM	0.5	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
02/13/2024, 2.15 PM	0	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
02/13/2024, 2.30 PM	1.4	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
02/13/2024, 2.45 PM	1.3	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144
02/13/2024, 3.00 PM	2.2	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45145
02/13/2024, 3.15 PM	0.3	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45146
02/13/2024, 3.30 PM	2.2	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45147
02/13/2024, 3.45 PM	1.2	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45148
02/13/2024, 4.00 PM	2.1	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45149

MPH - miles per hour      N - North      W - West      E - East      S - South





















# APPENDIX I

## COMPONENT LEAK CHECK REPORTS

**OX MOUNTAIN**  
**Q-4-23 FLARE LFG COMPONENT LEAK MONITORING LOWER FLARE (A-7)**

**INSTRUMENT**

**MAKE:** Irwin  
**MODEL:** Inficon  
**S/N:** 92002364

**DATE OF SAMPLING:** October 11, 2023  
**TECHNICIAN:** Lusi Naivalurua

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	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Flanges Vac side	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Blowers	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
instuments	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Finges Pos side	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Flame Arrestor	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Panels	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Flare	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Fittings to Blowers	300	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Comments:	METHANE CONCENTRATION OF 300PPM WAS DETECTED BY BLOWER 302 OUTLET (PRESSURE BALANCE HOSE AREA).PLEASE NOTE THIS WAS DURING POWER PLANT SHUT DOWN,A7 FLOW WAS AT 2200+SCFM. WHEN POWER PLANT WAS BACK ON AT 5 ENGINES AND FLOW WAS AROUND 1800SCFM( ON SAME DAY ANOTHER READING WAS TAKEN, NO METHANE WAS DETECTED FROM SAME LOCATION)						
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-4-23 FLARE LFG COMPONENT LEAK MONITORING UPPER FLARE (A-9)**

<b>INSTRUMENT MAKE:</b>	<u>Irwin</u>	<b>DATE OF SAMPLING:</b>	<u>October 11, 2023</u>
<b>MODEL:</b>	<u>Inficon</u>	<b>TECHNICIAN:</b>	<u>Lusi Naivalurua</u>
<b>S/N:</b>	<u>92002364</u>		

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	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Flanges Vac side	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Blowers	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Insturments	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Finges Pos side	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Flame Arrestor	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Panels	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Flare	0	10/11/2023	Lusi Naivalurua	N/A	N/A	N/A	N/A
Fittings to Blowers	0	10/11/2023	Lusi Naivalurua	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-1-24 FLARE LFG COMPONENT LEAK MONITORING LOWER FLARE (A-7)**

**INSTRUMENT**

MAKE: Irwin  
 MODEL: Inficon  
 S/N: 92004293

DATE OF SAMPLING: February 1, 2024  
 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	2/1/2024	Matt Bowman	N/A	N/A	N/A	N/A
Flanges Vac side	0	2/1/2024	Matt Bowman	N/A	N/A	N/A	N/A
Blowers	0	2/1/2024	Matt Bowman	N/A	N/A	N/A	N/A
insturments	0	2/1/2024	Matt Bowman	N/A	N/A	N/A	N/A
Flanges Pos side	0	2/1/2024	Matt Bowman	N/A	N/A	N/A	N/A
Flame Arrestor	0	2/1/2024	Matt Bowman	N/A	N/A	N/A	N/A
Panels	0	2/1/2024	Matt Bowman	N/A	N/A	N/A	N/A
Flare	0	2/1/2024	Matt Bowman	N/A	N/A	N/A	N/A
Fittings to Blowers	0	2/1/2024	Matt Bowman	N/A	N/A	N/A	N/A
Comments:							
Note:	<p>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.</p> <p>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).</p> <p>Leaks over 1,000 ppmv methane are exceedances at any component containing landfill gas pursuant to BAAQMD Regulation 8-34-301.2.</p>						

**OX MOUNTAIN**  
**Q-1-24 FLARE LFG COMPONENT LEAK MONITORING UPPER FLARE (A-9)**

**INSTRUMENT**  
**MAKE:** Irwin  
**MODEL:** Inficon  
**S/N:** 92004293

**DATE OF SAMPLING:** March 12, 2024  
**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	3/12/2024	Matt Bowman	N/A	N/A	N/A	N/A
Flanges Vac side	0	3/12/2024	Matt Bowman	N/A	N/A	N/A	N/A
Blowers	0	3/12/2024	Matt Bowman	N/A	N/A	N/A	N/A
instruments	0	3/12/2024	Matt Bowman	N/A	N/A	N/A	N/A
Flanges Pos side	0	3/12/2024	Matt Bowman	N/A	N/A	N/A	N/A
Flame Arrestor	0	3/12/2024	Matt Bowman	N/A	N/A	N/A	N/A
Panels	0	3/12/2024	Matt Bowman	N/A	N/A	N/A	N/A
Flare	0	3/12/2024	Matt Bowman	N/A	N/A	N/A	N/A
Fittings to Blowers	0	3/12/2024	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.

## APPENDIX J

### WELLFIELD MONITORING LOGS



OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - October 2, 3, 5, 6, 9, 10, 11, 12, 13, 17, 18, 19, 20, 21, and 25, 2023

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..	Deg. F.	scfm	
OMLEW101	10/10/2023 11:21	51.8	41.2	0.1	6.9	-2.26	-2.23	-37.66	71.2	46.4	Valve Adjustment:No Change,Valve at minimum position
OMLEW101	10/20/2023 16:35	54.1	40.1	0.2	5.6	-3.12	-3.18	-44.70	70.0	44.5	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW104	10/10/2023 14:31	53.3	40.0	0.9	5.8	-36.02	-36.03	-39.89	90.1	46.3	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW104	10/19/2023 15:18	51.0	37.9	0.4	10.7	-42.38	-42.41	-46.73	91.8	54.0	Valve Adjustment:No Change
OMLEW107	10/10/2023 14:33	51.2	36.4	0.2	12.2	-39.31	-39.28	-39.57	76.9	13.7	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	10/19/2023 15:17	53.6	34.0	0.3	12.1	-46.90	-46.93	-46.42	85.7	15.0	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW59	10/6/2023 15:13	51.7	39.8	0.1	8.4	-0.70	-0.70	-29.80	104.3	2.3	Valve Adjustment:No Change,Valve 15% open
OMLFEW59	10/13/2023 12:06	51.5	43.3	0.0	5.2	-1.17	-1.17	-30.34	101.8	4.9	Valve Adjustment:No Change,Valve 15% open
OMLFEW72	10/10/2023 14:23	43.6	33.5	0.2	22.7	-1.81	-1.82	-39.61	77.5	5.7	Valve Adjustment:No Change,Valve at minimum position
OMLFEW72	10/19/2023 15:27	45.0	33.8	0.3	20.9	-2.13	-2.11	-46.61	83.3	5.6	Valve Adjustment:No Change,Valve at minimum position
OMLFEW99	10/6/2023 17:01	51.6	37.6	0.1	10.7	-0.42	-0.41	-45.21	78.1	10.3	Valve Adjustment:No Change,Valve at minimum position
OMLFEW99	10/17/2023 10:59	53.1	39.8	0.2	6.9	-0.42	-0.60	-43.43	72.5	10.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
<b>OMTLTS01</b>	10/10/2023 14:13	39.1	32.8	0.8	27.3	-0.07	-0.07	-41.80	80.5	0.5	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS01</b>	10/21/2023 11:03	30.8	34.2	2.0	33.0	-0.13	-0.12	-46.63	75.0	0.6	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS02</b>	10/10/2023 14:04	30.8	26.7	1.5	41.0	-0.26	-0.26	-42.15	73.7	9.6	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS02</b>	10/21/2023 11:00	47.0	37.1	1.1	14.8	-0.36	-0.35	-47.56	72.6	10.3	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS03</b>	10/10/2023 14:01	47.8	36.6	10.4	5.2	-0.37	-0.36	-42.79	76.4	7.0	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS03</b>	10/21/2023 10:55	49.8	39.7	0.3	10.2	-0.48	-0.48	-47.39	76.1	7.3	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS04</b>	10/3/2023 10:06	18.9	18.9	6.4	55.8	-0.29	-0.29	-34.10	72.7	0.1	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS04</b>	10/17/2023 13:23	23.4	25.7	2.9	48.0	-0.06	-0.06	-41.03	89.9	0.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS05</b>	10/3/2023 10:04	10.0	12.0	10.3	67.7	-0.31	-0.31	-29.39	74.4	0.4	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS05</b>	10/17/2023 13:20	17.1	20.4	3.7	58.8	-0.11	-0.11	-41.62	90.1	0.3	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS06</b>	10/3/2023 10:01	10.0	10.0	14.6	65.4	-0.33	-0.33	-31.11	80.8	7.1	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS06</b>	10/17/2023 13:14	20.0	21.4	5.8	52.8	-0.21	-0.21	-41.31	95.4	7.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS07</b>	10/3/2023 9:51	22.2	22.1	2.1	53.6	-0.55	-0.54	-35.65	86.4	2.7	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS07</b>	10/17/2023 13:01	22.4	25.5	3.4	48.7	-0.17	-0.16	-41.36	96.5	2.9	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS08</b>	10/3/2023 9:48	1.3	4.3	14.6	79.8	-0.60	-0.60	-31.98	76.9	9.5	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS08</b>	10/17/2023 12:57	18.4	20.3	5.8	55.5	-0.42	-0.35	-37.04	94.8	9.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS09</b>	10/3/2023 9:29	17.0	17.5	14.7	50.8	-0.34	-0.34	-37.66	77.0	0.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS09</b>	10/17/2023 12:55	4.7	11.8	7.1	76.4	-0.32	-0.32	-40.84	88.0	0.3	Valve Adjustment:No Change,Valve at minimum position

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..	Deg. F.	scfm	
OMTLTS10	10/3/2023 11:12	9.4	17.6	2.8	70.2	-0.32	-0.32	-35.84	77.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	10/18/2023 12:50	10.4	14.8	1.6	73.2	-0.26	-0.26	-41.75	90.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	10/3/2023 11:07	3.0	8.2	11.3	77.5	-0.34	-0.34	-29.86	84.3	5.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	10/18/2023 12:56	16.3	15.9	6.7	61.1	-0.33	-0.30	-36.05	90.6	5.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	10/3/2023 11:04	12.5	16.7	12.8	58.0	-0.32	-0.32	-36.66	87.2	4.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	10/18/2023 13:01	2.0	5.5	14.9	77.6	-0.45	-0.30	-38.59	92.4	8.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	10/3/2023 10:58	12.7	17.6	8.4	61.3	-0.33	-0.33	-37.00	92.6	8.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	10/18/2023 13:10	29.0	28.3	3.5	39.2	-0.38	-0.37	-41.94	96.5	9.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	10/11/2023 9:23	30.8	32.8	7.5	28.9	-0.05	-0.04	-13.35	65.7	0.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	10/18/2023 13:16	25.4	23.7	12.1	38.8	-0.36	-0.36	-28.67	93.0	0.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	10/3/2023 10:48	39.4	32.3	9.3	19.0	-0.37	-0.37	-34.03	79.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	10/17/2023 13:40	13.8	18.2	4.3	63.7	-0.46	-0.46	-38.58	80.3	7.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	10/3/2023 10:45	40.6	32.5	1.5	25.4	-4.18	-2.22	-36.62	100.2	65.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OMTLTS18	10/17/2023 13:49	56.3	37.0	0.2	6.5	-1.48	-2.07	-38.80	85.6	38.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OMTLTS18	10/17/2023 13:50	56.8	37.8	0.2	5.2	-2.08	-2.53	-40.25	85.3	46.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OMTLTS19	10/3/2023 10:42	26.7	26.6	2.3	44.4	-0.78	-0.50	-32.51	104.7	10.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OMTLTS19	10/17/2023 13:53	51.4	35.9	1.4	11.3	-0.36	-0.39	-37.85	82.8	16.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OMTLTS20	10/3/2023 13:15	11.3	20.1	6.2	62.4	-0.03	-0.03	-35.43	72.9	5.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	10/17/2023 13:57	15.0	18.2	8.7	58.1	-0.19	-0.19	-38.83	88.4	9.4	Valve Adjustment:No Change,Valve at minimum position
OXE2022R	10/3/2023 13:39	53.7	38.9	0.7	6.7	-32.39	-32.39	-32.16	87.4	0.4	Valve Adjustment:No Change,Valve 15% open
OXE2022R	10/25/2023 10:06	50.9	35.4	0.9	12.8	-37.96	-37.99	-39.11	66.9	1.4	Valve Adjustment:No Change,Valve 15% open
OXEW133B	10/10/2023 14:00	48.8	37.5	0.5	13.2	-5.09	-5.09	-41.01	85.8	31.4	Valve Adjustment:No Change
OXEW133B	10/21/2023 10:50	5.9	8.6	3.3	82.2	-4.77	-4.65	-45.14	84.9	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	10/10/2023 13:58	42.5	34.0	0.7	22.8	-8.42	-8.27	-41.86	83.9	5.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	10/21/2023 10:42	48.7	35.0	4.9	11.4	-10.22	-9.71	-47.49	82.7	16.7	Valve Adjustment:No Change
OXEW134B	10/10/2023 13:56	32.3	27.3	4.0	36.4	-39.63	-39.53	-42.11	89.6	85.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	10/21/2023 10:40	52.2	41.2	2.6	4.0	-45.62	-45.62	-47.83	79.3	23.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW137B	10/10/2023 15:07	49.3	28.4	0.9	21.4	-40.72	-40.67	-41.01	86.3	6.2	Valve Adjustment:No Change
OXEW137B	10/17/2023 13:11	52.7	39.2	2.2	5.9	-40.30	-40.32	-40.58	89.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	10/9/2023 11:57	50.1	40.1	0.7	9.1	-8.62	-8.61	-35.15	125.1	129.1	Valve Adjustment:No Change
OXEW1601	10/19/2023 11:48	48.3	39.6	0.8	11.3	-5.45	-5.45	-43.43	126.7	33.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1602	10/9/2023 14:35	57.7	42.1	0.2	0.0	-20.20	-20.18	-36.98	128.8	21.8	Valve Adjustment:Opened valve 1/2 turn or less

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..	Deg. F.	scfm	
OXEW1602	10/19/2023 12:50	54.4	37.7	0.1	7.8	-25.06	-25.19	-44.40	129.5	22.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	10/9/2023 13:11	54.7	37.9	0.2	7.2	-32.48	-34.13	-32.82	114.8	24.3	Valve Adjustment:No Change,Valve 100% open
OXEW1603	10/19/2023 13:07	55.8	37.3	0.1	6.8	-42.38	-42.31	-42.54	118.3	23.6	Valve Adjustment:No Change,Valve 100% open
OXEW1604	10/9/2023 13:16	56.7	41.0	0.0	2.3	-1.80	-2.04	-31.02	127.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	10/19/2023 13:14	51.0	38.0	0.1	10.9	-4.98	-4.97	-36.77	130.4	12.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1611	10/9/2023 10:27	54.5	39.1	0.2	6.2	-0.54	-0.60	-34.91	65.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	10/20/2023 15:01	44.8	30.9	4.9	19.4	-31.87	-25.03	-40.59	61.3	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1612	10/9/2023 14:39	55.4	41.5	3.1	0.0	-36.17	-36.17	-36.94	123.8	0.0	Valve Adjustment:No Change
OXEW1612	10/19/2023 12:41	57.9	41.4	0.1	0.6	-43.73	-43.66	-43.93	125.5	20.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	10/9/2023 13:19	56.5	42.5	1.0	0.0	-30.07	-30.62	-34.92	127.1	54.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	10/19/2023 13:21	45.1	37.7	0.4	16.8	-35.57	-35.51	-42.56	127.7	52.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	10/9/2023 13:28	54.8	40.9	0.0	4.3	-0.11	-0.30	-35.81	117.1	9.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	10/19/2023 13:31	47.2	38.6	0.1	14.1	-1.26	-1.26	-42.91	122.0	35.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	10/5/2023 14:58	51.1	38.1	0.1	10.7	-19.78	-19.77	-34.77	117.9	18.2	Valve Adjustment:No Change
OXEW1616	10/25/2023 10:22	52.5	37.0	0.0	10.5	-21.89	-21.92	-39.80	116.7	23.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1617	10/9/2023 13:49	52.4	43.0	0.0	4.6	-3.50	-3.52	-38.89	130.3	16.1	Valve Adjustment:No Change,Valve 20% open
OXEW1617	10/21/2023 9:52	53.1	43.7	0.0	3.2	-4.35	-4.33	-45.95	130.3	18.5	Valve Adjustment:No Change,Valve 20% open
<b>OXEW1618</b>	10/9/2023 14:23	51.3	38.9	0.2	9.6	-2.10	-2.11	-36.22	129.0	6.6	Valve Adjustment:No Change,Valve 30% open
<b>OXEW1618</b>	10/19/2023 15:43	44.5	36.2	0.4	18.9	-3.32	-3.25	-44.85	130.1	7.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1619	10/10/2023 13:47	53.4	37.3	0.9	8.4	-39.73	-39.71	-41.01	118.8	20.9	Valve Adjustment:No Change,Valve 100% open
OXEW1619	10/18/2023 11:18	46.7	38.7	3.2	11.4	-38.87	-38.81	-39.25	118.5	15.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1620	10/3/2023 10:24	43.7	38.6	0.0	17.7	-8.64	-8.00	-36.13	119.0	7.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1620	10/18/2023 11:08	51.0	40.4	0.0	8.6	-5.45	-5.45	-39.99	119.2	5.5	Valve Adjustment:No Change,Valve 20% open
OXEW1621	10/10/2023 13:20	47.2	38.6	0.2	14.0	-1.16	-1.16	-41.58	111.3	12.5	Valve Adjustment:No Change
OXEW1621	10/18/2023 14:53	37.1	36.7	0.0	26.2	-1.13	-1.12	-40.36	114.7	11.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	10/3/2023 10:14	48.7	38.8	3.1	9.4	-25.59	-25.61	-35.21	119.9	21.5	Valve Adjustment:No Change
OXEW1622	10/18/2023 11:22	50.8	40.4	1.0	7.8	-29.44	-29.52	-38.80	120.4	25.1	Valve Adjustment:No Change
OXEW1701	10/3/2023 13:26	54.6	36.8	0.1	8.5	-31.88	-31.93	-32.40	119.8	1.4	Valve Adjustment:No Change,Valve 100% open
OXEW1701	10/25/2023 10:33	53.1	38.2	0.4	8.3	-39.06	-39.04	-39.78	119.9	4.2	Valve Adjustment:No Change,Valve 100% open
OXEW1702	10/3/2023 13:49	59.1	39.6	0.1	1.2	-29.86	-29.86	-31.17	124.1	4.4	Valve Adjustment:No Change,Valve 100% open
OXEW1702	10/25/2023 9:55	54.6	31.7	0.3	13.4	-35.38	-35.40	-37.31	124.0	6.9	Valve Adjustment:No Change,Valve 100% open
OXEW1703	10/3/2023 13:36	52.1	37.7	0.2	10.0	-27.87	-28.05	-28.07	94.7	13.2	Valve Adjustment:No Change,Valve 100% open

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..	Deg. F.	scfm	
OXEW1703	10/25/2023 10:03	54.4	37.1	0.0	8.5	-34.69	-34.59	-35.14	94.4	10.5	Valve Adjustment:No Change,Valve 100% open
OXEW1705	10/3/2023 14:25	58.1	37.9	0.4	3.6	-30.83	-30.70	-31.76	117.5	1.6	Valve Adjustment:No Change,Valve 100% open
OXEW1705	10/20/2023 15:28	56.2	35.9	1.7	6.2	-42.87	-42.86	-43.36	114.8	8.4	Valve Adjustment:No Change,Valve 100% open
OXEW1716	10/6/2023 11:13	53.6	41.2	0.5	4.7	-40.62	-40.59	-40.80	84.9	2.6	Valve Adjustment:No Change,Valve 100% open
OXEW1716	10/13/2023 11:57	52.1	39.4	1.6	6.9	-40.09	-40.08	-40.03	72.6	2.5	Valve Adjustment:No Change,Valve 100% open
OXEW1717	10/6/2023 16:14	49.9	37.8	0.5	11.8	-33.97	-33.97	-45.53	106.6	10.1	Valve Adjustment:No Change,Valve 35% open
OXEW1717	10/13/2023 10:41	54.0	41.1	0.5	4.4	-33.87	-34.55	-44.49	105.1	9.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1801	10/9/2023 13:35	48.9	38.8	0.0	12.3	-18.83	-18.92	-35.43	122.2	17.9	Valve Adjustment:No Change,Valve 30% open
OXEW1801	10/19/2023 13:41	43.7	38.3	0.0	18.0	-23.40	-21.01	-43.30	124.0	17.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1804	10/9/2023 14:19	55.3	40.2	0.1	4.4	-34.53	-34.53	-34.50	104.0	5.3	Valve Adjustment:No Change,Valve 100% open
OXEW1804	10/19/2023 15:48	57.2	41.5	0.0	1.3	-43.87	-44.00	-45.25	123.2	13.4	Valve Adjustment:No Change,Valve 100% open
OXEW1805	10/9/2023 14:15	58.0	41.6	0.4	0.0	-31.53	-31.68	-34.68	123.6	14.4	Valve Adjustment:No Change,Valve 100% open
OXEW1805	10/19/2023 15:52	52.1	37.4	0.4	10.1	-41.26	-41.27	-44.08	123.5	17.6	Valve Adjustment:No Change,Valve 90% open
OXEW1806	10/10/2023 12:57	43.8	37.6	0.0	18.6	-0.37	-0.37	-42.71	121.2	13.3	Valve Adjustment:No Change,Valve 15% open
OXEW1806	10/18/2023 14:29	48.0	37.4	0.1	14.5	-0.29	-0.28	-41.03	123.1	13.0	Valve Adjustment:No Change,Valve 10% open
OXEW1807	10/5/2023 15:24	53.5	39.2	0.1	7.2	-6.37	-6.20	-40.48	130.3	27.2	Valve Adjustment:No Change,Valve 30% open
OXEW1807	10/25/2023 10:14	53.7	38.9	0.0	7.4	-8.94	-9.26	-45.19	129.3	25.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1809	10/9/2023 12:47	52.2	39.7	0.2	7.9	-33.61	-33.61	-35.75	112.5	5.0	Valve Adjustment:No Change,Valve 100% open
OXEW1809	10/19/2023 11:43	52.8	41.6	0.1	5.5	-39.54	-39.39	-42.78	112.7	4.9	Valve Adjustment:No Change,Valve 100% open
OXEW1810	10/6/2023 17:12	45.1	36.6	0.4	17.9	-20.55	-20.64	-41.98	91.4	1.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1810	10/13/2023 12:36	51.0	32.3	0.5	16.2	-18.90	-18.89	-42.31	71.1	1.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1811	10/9/2023 14:03	55.7	41.5	0.4	2.4	-0.38	-0.36	-36.01	81.5	3.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1811	10/19/2023 14:04	56.5	38.6	0.7	4.2	-0.72	-1.88	-43.34	106.0	3.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1812	10/10/2023 9:16	50.5	37.2	0.2	12.1	-18.00	-17.98	-39.29	123.5	25.6	Valve Adjustment:No Change,Valve 30% open
OXEW1812	10/19/2023 14:52	51.4	38.2	0.9	9.5	-19.13	-19.13	-45.63	123.8	29.1	Valve Adjustment:No Change,Valve 30% open
OXEW1813	10/5/2023 15:01	54.8	38.7	0.1	6.4	-39.50	-39.58	-39.63	116.5	6.5	Valve Adjustment:No Change,Valve 100% open
OXEW1813	10/25/2023 10:19	56.3	39.2	0.5	4.0	-44.99	-44.63	-44.95	109.2	7.2	Valve Adjustment:No Change,Valve 100% open
OXEW1815	10/3/2023 12:31	50.0	35.7	0.1	14.2	-3.33	-3.33	-36.84	123.0	11.7	Valve Adjustment:No Change,Valve 15% open
OXEW1815	10/13/2023 11:43	51.1	38.9	0.0	10.0	-4.45	-4.44	-44.51	123.3	11.9	Valve Adjustment:No Change
OXEW1816	10/3/2023 13:51	50.1	37.2	0.1	12.6	-18.50	-18.52	-32.38	120.9	81.9	Valve Adjustment:No Change,Valve 80% open
OXEW1816	10/20/2023 15:43	52.0	35.6	0.1	12.3	-23.56	-23.86	-43.15	120.6	95.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXEW1817	10/6/2023 9:36	55.2	40.9	0.2	3.7	-38.38	-38.77	-39.53	119.9	13.3	Valve Adjustment:No Change,Valve 100% open

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..	Deg. F.	scfm	
OXEW1817	10/20/2023 15:17	57.8	38.2	0.0	4.0	-41.90	-42.00	-42.54	118.2	9.7	Valve Adjustment:No Change,Valve 100% open
OXEW1821	10/10/2023 12:12	25.5	24.4	0.0	50.1	-0.18	-0.18	-39.40	63.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	10/13/2023 13:24	31.8	25.7	0.0	42.5	-0.19	-0.19	-42.26	67.8	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	10/10/2023 12:10	19.9	26.3	0.5	53.3	-0.08	-0.08	-39.69	64.6	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	10/13/2023 13:18	16.8	19.3	1.7	62.2	-0.12	-0.12	-42.11	69.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	10/10/2023 12:05	37.7	29.7	0.9	31.7	-0.22	-0.21	-39.74	70.4	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	10/13/2023 13:10	35.7	27.4	0.7	36.2	-0.21	-0.21	-41.39	75.8	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	10/6/2023 17:21	52.1	33.1	0.2	14.6	-42.17	-42.44	-42.92	97.2	3.5	Valve Adjustment:No Change,Valve 100% open
OXEW1824	10/13/2023 12:52	61.2	33.7	0.1	5.0	-42.13	-42.09	-42.18	72.7	6.3	Valve Adjustment:No Change,Valve 100% open
OXEW1825	10/6/2023 17:06	46.1	38.3	0.3	15.3	-6.29	-6.30	-42.41	94.5	1.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1825	10/13/2023 12:44	46.4	34.4	0.2	19.0	-10.90	-10.76	-42.63	69.6	0.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	10/10/2023 9:33	41.8	32.9	0.2	25.1	-7.76	-7.72	-39.75	66.9	1.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	10/19/2023 14:56	37.0	33.1	0.2	29.7	-9.57	-9.23	-45.96	82.8	1.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	10/3/2023 10:30	54.8	39.8	0.0	5.4	-35.61	-35.70	-35.98	101.3	5.8	Valve Adjustment:No Change,Valve 100% open
OXEW1901	10/18/2023 10:58	55.5	35.3	0.2	9.0	-39.96	-40.04	-39.63	99.3	4.0	Valve Adjustment:No Change,Valve 100% open
OXEW1902	10/3/2023 13:32	49.8	36.0	0.1	14.1	-3.07	-3.06	-32.59	84.9	12.1	Valve Adjustment:No Change,Valve 10% open
OXEW1902	10/25/2023 9:59	52.2	36.1	0.0	11.7	-3.96	-4.21	-38.97	75.4	13.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1904	10/3/2023 13:40	53.2	38.7	1.0	7.1	-15.34	-15.34	-33.31	120.4	3.7	Valve Adjustment:No Change,Valve 55% open
OXEW1904	10/25/2023 10:08	53.1	37.4	0.0	9.5	-19.46	-19.64	-41.53	105.6	4.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1908	10/9/2023 10:37	54.8	39.7	0.0	5.5	-33.91	-33.92	-34.88	103.8	7.0	Valve Adjustment:No Change,Valve 100% open
OXEW1908	10/19/2023 11:22	55.8	41.6	0.0	2.6	-38.21	-38.21	-39.02	104.1	12.9	Valve Adjustment:No Change,Valve 100% open
OXEW1909	10/9/2023 9:44	51.2	38.8	0.1	9.9	-23.01	-23.07	-36.62	101.3	49.2	Valve Adjustment:No Change,Valve 50% open
OXEW1909	10/19/2023 11:15	47.6	41.2	0.0	11.2	-27.24	-22.61	-44.06	102.5	54.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXEW1910	10/9/2023 11:51	52.9	39.4	0.6	7.1	-2.00	-2.07	-33.55	118.5	37.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1910	10/19/2023 11:28	47.3	38.5	0.9	13.3	-2.71	-2.43	-43.24	121.0	39.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1911	10/9/2023 14:33	57.6	42.4	0.0	0.0	-36.28	-36.38	-36.90	118.1	3.8	Valve Adjustment:No Change,Valve 100% open
OXEW1911	10/19/2023 12:45	58.8	41.1	0.1	0.0	-43.87	-43.96	-43.53	120.4	5.9	Valve Adjustment:No Change,Valve 100% open
OXEW1912	10/9/2023 12:59	55.1	39.0	0.1	5.8	-34.46	-34.41	-37.04	123.9	6.4	Valve Adjustment:No Change,Valve 100% open
OXEW1912	10/19/2023 11:35	51.6	42.7	0.0	5.7	-41.96	-41.92	-45.40	124.3	2.2	Valve Adjustment:No Change,Valve 100% open
OXEW1913	10/10/2023 8:58	34.1	32.2	0.0	33.7	-0.18	-0.18	-40.77	99.2	26.6	Valve Adjustment:No Change,Valve 20% open
OXEW1913	10/19/2023 14:43	29.2	28.3	0.2	42.3	-0.30	-0.29	-45.94	100.0	27.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1914	10/10/2023 9:08	58.0	39.2	0.0	2.8	-40.16	-40.18	-40.02	78.3	2.5	Valve Adjustment:No Change,Valve 100% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1914	10/19/2023 14:23	53.6	37.5	0.3	8.6	-44.63	-44.64	-44.73	96.2	4.7	Valve Adjustment:No Change,Valve 100% open
OXEW1915	10/6/2023 16:25	49.9	39.9	1.4	8.8	-3.17	-3.17	-45.02	81.9	8.8	Valve Adjustment:No Change,Valve at minimum position
OXEW1915	10/13/2023 10:24	47.3	40.5	1.3	10.9	-3.76	-3.77	-50.81	72.7	9.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1916	10/10/2023 10:31	51.6	37.7	2.2	8.5	-36.15	-36.15	-39.95	61.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1916	10/13/2023 13:52	50.3	33.2	2.5	14.0	-38.72	-38.72	-42.41	72.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1917	10/10/2023 11:00	50.9	39.5	0.1	9.5	-40.32	-40.29	-40.37	74.5	4.5	Valve Adjustment:No Change,Valve 50% open
OXEW1917	10/17/2023 11:20	47.7	39.0	0.1	13.2	-38.99	-38.96	-40.08	82.1	4.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1919	10/10/2023 12:08	45.0	31.8	0.0	23.2	-3.47	-3.38	-40.03	70.8	3.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	10/13/2023 13:21	49.8	35.6	0.0	14.6	-3.66	-3.65	-42.71	72.2	2.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	10/10/2023 12:15	24.6	25.6	0.0	49.8	-0.06	-0.08	-39.85	62.2	0.7	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	10/13/2023 13:26	23.7	23.3	1.6	51.4	-0.06	-0.06	-42.41	66.7	1.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	10/6/2023 17:34	50.9	41.3	0.3	7.5	-29.69	-29.71	-42.39	105.8	17.3	Valve Adjustment:No Change,Valve 35% open
OXEW1921	10/13/2023 13:02	53.5	37.2	0.1	9.2	-31.04	-33.94	-42.52	105.0	16.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2001	10/10/2023 10:49	41.4	38.5	0.0	20.1	-2.23	-2.20	-41.39	121.3	12.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2001	10/13/2023 14:15	55.4	40.4	0.0	4.2	-0.14	-0.75	-42.13	126.5	15.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2002	10/6/2023 16:37	48.4	38.6	0.1	12.9	-19.39	-19.38	-44.02	126.2	14.9	Valve Adjustment:No Change,Valve 20% open
OXEW2002	10/13/2023 11:11	51.0	44.2	0.0	4.8	-18.40	-18.37	-44.47	124.6	15.9	Valve Adjustment:No Change,Valve 20% open
OXEW2003	10/6/2023 11:07	54.4	44.8	0.1	0.7	-44.13	-44.04	-44.55	112.0	7.0	Valve Adjustment:No Change,Valve 100% open
OXEW2003	10/13/2023 10:57	54.6	41.2	0.1	4.1	-44.64	-44.53	-44.40	108.9	8.4	Valve Adjustment:No Change,Valve 100% open
OXEW2004	10/6/2023 11:17	50.0	42.0	0.1	7.9	-38.62	-38.60	-44.85	125.8	58.6	Valve Adjustment:No Change,Valve 100% open
OXEW2004	10/13/2023 11:52	50.1	42.8	0.0	7.1	-38.94	-38.32	-43.94	125.1	57.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXEW2005	10/6/2023 17:31	50.2	41.1	0.1	8.6	-5.16	-5.18	-43.09	123.5	18.4	Valve Adjustment:No Change,Valve 20% open
OXEW2005	10/13/2023 12:03	51.0	42.7	0.0	6.3	-5.23	-5.22	-42.42	122.3	18.4	Valve Adjustment:No Change,Valve 20% open
OXEW2007	10/10/2023 11:55	59.3	39.9	0.0	0.8	-39.83	-39.80	-39.53	93.7	9.3	Valve Adjustment:No Change,Valve 100% open
OXEW2007	10/13/2023 13:40	60.3	37.7	0.1	1.9	-41.86	-41.87	-40.71	94.1	12.7	Valve Adjustment:No Change,Valve 100% open
OXEW2008	10/10/2023 11:50	55.6	29.7	0.2	14.5	-39.91	-39.91	-39.39	70.2	8.7	Valve Adjustment:No Change,Valve 100% open
OXEW2008	10/13/2023 13:33	62.3	28.4	0.0	9.3	-42.08	-42.09	-42.38	71.7	6.4	Valve Adjustment:No Change,Valve 100% open
OXEW2009	10/11/2023 8:49	60.6	38.0	0.4	1.0	-40.93	-40.79	-40.86	86.5	26.8	Valve Adjustment:No Change,Valve 100% open
OXEW2009	10/13/2023 10:05	62.0	35.6	0.5	1.9	-49.02	-48.35	-49.43	93.9	14.3	Valve Adjustment:No Change,Valve 100% open
OXEW2010	10/10/2023 11:04	55.6	41.4	0.3	2.7	-9.21	-9.21	-39.91	71.5	2.5	Valve Adjustment:No Change,Valve at minimum position
OXEW2010	10/17/2023 11:26	56.0	42.5	0.5	1.0	-10.06	-17.44	-40.19	81.5	2.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2011	10/10/2023 10:36	51.7	42.7	0.0	5.6	-3.63	-3.65	-40.92	111.6	12.1	Valve Adjustment:No Change,Valve 20% open

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..	Deg. F.	scfm	
OXEW2011	10/13/2023 14:00	52.0	39.3	0.0	8.7	-3.99	-3.99	-43.75	113.0	12.2	Valve Adjustment:No Change,Valve 15% open
OXEW2012	10/6/2023 16:46	50.2	41.9	0.1	7.8	-38.81	-38.85	-45.21	111.1	30.6	Valve Adjustment:No Change,Valve 80% open
OXEW2012	10/13/2023 11:27	50.4	43.0	0.0	6.6	-39.67	-39.66	-45.15	109.7	30.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXEW2016	10/9/2023 13:14	58.4	40.6	0.1	0.9	-26.91	-26.89	-33.40	130.3	19.9	Valve Adjustment:No Change,Valve 40% open
OXEW2016	10/19/2023 13:11	58.3	41.5	0.1	0.1	-33.34	-33.26	-42.09	130.3	23.9	Valve Adjustment:No Change,Valve 40% open
OXEW2017	10/9/2023 13:05	53.3	37.3	3.8	5.6	-15.66	-15.70	-38.14	130.5	54.8	Valve Adjustment:No Change,Valve 50% open
OXEW2017	10/19/2023 12:59	48.6	37.5	1.0	12.9	-18.13	-13.05	-45.26	131.0	60.7	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 35% open
OXEW2017	10/19/2023 13:04	47.2	36.7	1.3	14.8	-9.79	-9.82	-43.96	130.4	30.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2020	10/3/2023 12:33	49.5	38.2	0.1	12.2	-31.30	-31.29	-36.77	130.3	7.3	Valve Adjustment:No Change
OXEW2020	10/13/2023 11:28	48.8	36.8	0.1	14.3	-37.34	-34.14	-44.14	130.4	33.6	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW2020	10/13/2023 11:29	49.3	35.8	0.1	14.8	-33.96	-33.94	-45.01	130.0	30.1	Valve Adjustment:No Change
OXEW2021	10/3/2023 12:52	51.5	35.1	0.6	12.8	-4.66	-4.65	-36.79	98.3	2.2	Valve Adjustment:No Change,Valve 35% open
OXEW2021	10/13/2023 12:00	54.7	37.3	0.1	7.9	-4.49	-6.02	-44.52	95.2	0.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2022	10/5/2023 15:19	53.7	39.6	0.3	6.4	-40.18	-40.07	-40.75	124.5	9.0	Valve Adjustment:No Change,Valve 100% open
OXEW2022	10/21/2023 10:17	54.6	41.1	0.1	4.2	-45.95	-45.91	-47.20	124.0	8.5	Valve Adjustment:No Change,Valve 100% open
OXEW2023	10/3/2023 14:13	56.6	35.3	0.1	8.0	-30.46	-31.19	-31.45	125.0	9.7	Valve Adjustment:No Change,Valve 100% open
OXEW2023	10/20/2023 15:36	58.5	36.3	0.3	4.9	-42.18	-42.21	-42.56	125.1	5.9	Valve Adjustment:No Change,Valve 100% open
OXEW2024	10/9/2023 10:14	48.9	39.8	0.1	11.2	-24.08	-24.19	-38.76	124.2	56.2	Valve Adjustment:No Change,Valve 50% open
OXEW2024	10/20/2023 14:42	48.5	36.2	0.1	15.2	-28.55	-28.55	-45.57	125.3	58.7	Valve Adjustment:No Change,Valve 50% open
OXEW2026	10/9/2023 10:02	57.8	37.3	0.1	4.8	-37.22	-37.14	-37.66	66.1	8.1	Valve Adjustment:No Change,Valve 100% open
OXEW2026	10/20/2023 10:47	59.2	40.6	0.0	0.2	-36.79	-36.80	-34.46	63.2	11.1	Valve Adjustment:No Change,Valve 100% open
OXEW2027	10/9/2023 9:36	51.5	30.4	3.4	14.7	-34.22	-34.37	-34.17	57.2	2.5	Valve Adjustment:No Change,Valve 100% open
OXEW2027	10/20/2023 13:20	54.9	30.1	2.6	12.4	-43.01	-43.17	-43.19	59.6	1.3	Valve Adjustment:No Change,Valve 100% open
OXEW2028	10/9/2023 9:59	51.7	35.8	3.0	9.5	-37.06	-37.06	-37.26	59.2	15.2	Valve Adjustment:No Change,Valve 100% open
OXEW2028	10/20/2023 10:42	52.3	38.8	1.7	7.2	-37.66	-37.75	-37.93	57.0	4.9	Valve Adjustment:No Change,Valve 100% open
OXEW2029	10/5/2023 15:16	54.0	39.4	0.1	6.5	-3.42	-4.00	-41.03	125.5	13.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2029	10/21/2023 10:11	50.7	40.4	0.1	8.8	-6.08	-6.17	-46.78	123.6	18.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2030	10/6/2023 9:44	54.6	38.3	0.2	6.9	-38.10	-38.05	-38.40	123.4	5.7	Valve Adjustment:No Change,Valve 100% open
OXEW2030	10/20/2023 15:30	54.1	36.4	0.3	9.2	-40.16	-40.17	-40.84	124.5	5.3	Valve Adjustment:No Change,Valve 100% open
OXEW2031	10/9/2023 13:23	54.4	40.9	0.1	4.6	-34.87	-34.85	-35.22	126.6	8.1	Valve Adjustment:No Change,Valve 100% open
OXEW2031	10/19/2023 13:25	53.4	38.5	0.1	8.0	-42.39	-42.39	-42.50	126.9	12.7	Valve Adjustment:No Change,Valve 100% open
OXEW2101	10/10/2023 13:13	50.4	38.6	0.1	10.9	-1.01	-1.01	-42.69	125.3	19.6	Valve Adjustment:No Change,Valve 20% open

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..	Deg. F.	scfm	
OXEW2101	10/18/2023 14:36	50.0	39.6	0.0	10.4	-0.86	-0.86	-41.48	126.1	19.9	Valve Adjustment:No Change,Valve 20% open
OXEW2102	10/9/2023 10:30	58.4	41.5	0.1	0.0	-34.38	-34.40	-35.09	79.2	20.4	Valve Adjustment:No Change,Valve 100% open
OXEW2102	10/20/2023 15:03	57.4	37.2	0.1	5.3	-39.22	-39.22	-40.14	73.8	19.9	Valve Adjustment:No Change,Valve 100% open
OXEW2103	10/9/2023 10:21	50.5	36.4	2.0	11.1	-8.93	-8.91	-37.72	104.7	50.4	Valve Adjustment:No Change,Valve 45% open
OXEW2103	10/20/2023 14:51	51.9	34.1	2.2	11.8	-10.21	-10.19	-44.19	104.7	54.3	Valve Adjustment:No Change,Valve 50% open
OXEW2104	10/9/2023 10:05	58.9	39.0	0.0	2.1	-36.23	-36.25	-37.15	113.5	22.3	Valve Adjustment:No Change,Valve 100% open
OXEW2104	10/20/2023 10:51	56.9	37.8	0.1	5.2	-35.20	-35.06	-36.88	113.3	17.1	Valve Adjustment:No Change,Valve 100% open
OXEW2105	10/9/2023 10:40	57.5	40.4	0.0	2.1	-34.49	-34.49	-34.27	104.9	8.3	Valve Adjustment:No Change,Valve 100% open
OXEW2105	10/19/2023 11:19	54.9	41.0	0.0	4.1	-38.76	-38.73	-38.66	106.8	3.1	Valve Adjustment:No Change,Valve 100% open
OXEW2106	10/9/2023 12:54	54.9	36.9	0.2	8.0	-35.68	-35.81	-35.92	114.1	6.1	Valve Adjustment:No Change,Valve 100% open
OXEW2106	10/19/2023 11:40	55.5	43.9	0.1	0.5	-43.75	-43.71	-43.69	116.8	4.9	Valve Adjustment:No Change,Valve 100% open
OXEW2107	10/10/2023 10:52	54.5	42.8	0.0	2.7	-36.82	-36.82	-36.56	116.0	6.5	Valve Adjustment:No Change,Valve 100% open
OXEW2107	10/13/2023 14:19	55.5	38.9	0.0	5.6	-39.70	-40.01	-40.03	119.0	22.2	Valve Adjustment:No Change,Valve 100% open
OXEW2108	10/6/2023 16:40	50.9	40.7	0.1	8.3	-9.54	-9.61	-44.44	128.6	24.9	Valve Adjustment:No Change,Valve 30% open
OXEW2108	10/13/2023 11:16	51.5	44.1	0.0	4.4	-11.33	-11.26	-44.34	127.5	23.1	Valve Adjustment:No Change,Valve 30% open
OXEW2109	10/10/2023 10:41	40.6	38.1	0.0	21.3	-10.30	-9.88	-41.67	76.9	2.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2109	10/13/2023 14:04	41.3	35.3	0.0	23.4	-10.72	-9.02	-45.04	83.4	2.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2110	10/3/2023 14:21	55.7	38.0	0.2	6.1	-30.13	-30.18	-30.36	100.7	7.3	Valve Adjustment:No Change,Valve 100% open
OXEW2110	10/20/2023 15:25	56.6	36.8	0.1	6.5	-41.50	-41.50	-41.73	102.5	9.6	Valve Adjustment:No Change,Valve 100% open
OXEW2111	10/9/2023 11:42	53.6	39.4	0.1	6.9	-10.36	-10.34	-36.60	104.4	133.1	Valve Adjustment:No Change,Valve 100% open
OXEW2111	10/19/2023 11:01	51.2	40.7	0.0	8.1	-12.25	-12.27	-43.19	106.2	144.7	Valve Adjustment:No Change,Valve 100% open
OXEW2112	10/9/2023 11:26	52.2	37.2	0.2	10.4	-36.87	-36.82	-37.66	106.2	32.8	Valve Adjustment:No Change,Valve 100% open
OXEW2112	10/19/2023 10:52	52.0	40.6	0.2	7.2	-43.67	-43.56	-44.02	107.9	86.1	Valve Adjustment:No Change,Valve 100% open
OXEW2113	10/9/2023 12:01	53.3	41.2	0.0	5.5	-35.17	-35.10	-36.13	122.5	28.8	Valve Adjustment:No Change,Valve 100% open
OXEW2113	10/19/2023 10:38	52.0	40.9	0.1	7.0	-41.15	-41.16	-42.66	122.9	33.7	Valve Adjustment:No Change,Valve 100% open
OXEW2207	10/9/2023 10:34	55.7	39.6	0.1	4.6	-32.44	-32.57	-34.92	120.3	82.3	Valve Adjustment:No Change,Valve 100% open
OXEW2207	10/20/2023 15:06	55.6	37.4	0.2	6.8	-37.34	-37.35	-39.69	120.2	95.0	Valve Adjustment:No Change,Valve 100% open
OXEW2208	10/9/2023 11:47	53.1	40.0	0.2	6.7	-1.10	-1.30	-34.80	124.3	16.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2208	10/19/2023 11:04	50.6	40.4	0.3	8.7	-2.05	-2.05	-40.88	124.4	32.3	Valve Adjustment:No Change,Valve 20% open
OXEW2209	10/9/2023 10:24	56.2	40.3	0.0	3.5	-35.89	-35.67	-36.12	97.5	7.8	Valve Adjustment:No Change,Valve 100% open
OXEW2209	10/20/2023 14:54	54.6	34.6	0.1	10.7	-42.17	-42.17	-42.41	94.7	8.1	Valve Adjustment:No Change,Valve 100% open
OXEW2210	10/3/2023 13:34	49.2	37.5	1.6	11.7	-17.65	-17.65	-32.53	106.0	11.8	Valve Adjustment:No Change,Valve 25% open



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..	Deg. F.	scfm	
OXEW2210	10/25/2023 10:01	51.1	37.7	1.1	10.1	-17.77	-17.75	-38.61	103.5	9.2	Valve Adjustment:No Change,Valve 25% open
OXEW2211	10/3/2023 13:54	56.5	39.4	0.0	4.1	-29.93	-30.14	-30.70	123.7	17.7	Valve Adjustment:No Change,Valve 100% open
OXEW2211	10/20/2023 15:40	58.5	36.6	0.1	4.8	-39.71	-39.85	-40.54	123.5	10.3	Valve Adjustment:No Change,Valve 100% open
OXEW2212	10/9/2023 10:10	51.0	39.0	0.0	10.0	-1.99	-1.99	-37.63	108.3	25.6	Valve Adjustment:No Change,Valve 15% open
OXEW2212	10/20/2023 15:14	50.4	36.8	0.0	12.8	-1.95	-2.02	-45.95	108.0	25.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2213	10/9/2023 9:56	54.7	36.6	0.1	8.6	-34.68	-34.71	-36.49	110.0	18.8	Valve Adjustment:No Change,Valve 100% open
OXEW2213	10/20/2023 10:32	55.9	36.0	0.2	7.9	-42.97	-42.80	-44.61	110.0	28.1	Valve Adjustment:No Change,Valve 100% open
OXEW2214	10/3/2023 13:58	53.1	36.7	0.2	10.0	-0.47	-0.76	-36.75	102.0	10.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2214	10/18/2023 10:39	51.8	40.1	0.3	7.8	-0.52	-0.82	-40.09	103.1	10.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEWHC6A**	10/11/2023 8:19	45.5	29.5	0.5	24.5	-0.08	-0.09	-42.13	60.6	0.4	Valve Adjustment:No Change,Valve at minimum position
OXEWHC6A**	10/13/2023 10:17	54.5	42.7	0.1	2.7	0.12	-0.05	-51.27	78.4	0.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEWHC6A**	10/13/2023 10:18	55.9	43.7	0.0	0.4	-0.48	-0.49	-51.50	83.9	0.5	Valve Adjustment:No Change,Valve at minimum position
OXHC1922	10/9/2023 11:55	49.9	38.7	0.2	11.2	-1.22	-1.22	-34.42	79.6	28.7	Valve Adjustment:No Change,Valve 30% open
OXHC1922	10/19/2023 11:08	48.9	40.2	0.2	10.7	-1.24	-1.20	-41.24	96.8	32.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXHC2000	10/6/2023 8:56	55.9	37.3	1.1	5.7	-33.84	-32.34	-43.43	86.7	7.3	Valve Adjustment:No Change,Valve 100% open
OXHC2000	10/20/2023 14:25	52.8	31.9	2.5	12.8	-33.96	-35.08	-46.96	83.8	20.1	Valve Adjustment:No Change,Valve 100% open
OXHC2001	10/6/2023 8:54	54.4	37.0	0.3	8.3	-38.54	-38.75	-44.92	78.4	16.1	Valve Adjustment:No Change,Valve 100% open
OXHC2001	10/20/2023 14:21	55.1	33.6	2.3	9.0	-42.53	-42.52	-48.13	75.7	12.8	Valve Adjustment:No Change,Valve 100% open
OXHC2014	10/9/2023 11:28	50.5	38.4	0.1	11.0	-4.96	-5.05	-36.22	94.0	10.1	Valve Adjustment:No Change,Valve 60% open
OXHC2014	10/19/2023 10:43	51.6	39.8	0.0	8.6	-6.60	-6.54	-44.21	94.1	15.6	Valve Adjustment:No Change,Valve 60% open
OXHC2015	10/6/2023 10:10	51.2	40.3	0.2	8.3	-4.16	-4.14	-47.75	84.2	44.1	Valve Adjustment:No Change,Valve 35% open
OXHC2015	10/13/2023 9:56	55.5	39.5	0.1	4.9	-4.64	-4.85	-54.30	67.2	47.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC2101	10/6/2023 8:28	27.7	24.5	8.6	39.2	-0.04	-0.04	-36.94	104.8	7.5	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXHC2101	10/6/2023 9:29	39.5	33.0	4.9	22.6	0.01	-0.01	-36.60	104.8	0.2	Valve Adjustment:Valve at minimum position
OXHC2101	10/6/2023 9:31	39.8	33.1	4.8	22.3	-0.01	-0.01	-36.86	104.8	4.3	Valve Adjustment:No Change,Valve at minimum position
OXHC2101	10/20/2023 14:02	56.6	38.3	0.0	5.1	-0.03	-0.03	-40.71	60.9	7.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXHC2101	10/20/2023 14:31	44.6	30.4	4.5	20.5	-0.08	-0.08	-39.82	94.4	10.7	Valve Adjustment:No Change,Valve 15% open
OXLCR13B	10/6/2023 10:19	53.2	43.6	0.2	3.0	-1.28	-1.37	-50.13	95.8	38.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCR13B	10/13/2023 10:00	53.3	42.6	0.2	3.9	-1.51	-1.54	-55.21	75.0	42.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
<b>OXLCR4A1</b>	10/6/2023 10:23	44.7	40.6	0.2	14.5	-36.39	-23.67	-48.69	78.0	7.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
<b>OXLCR4A1</b>	10/13/2023 10:03	48.9	39.4	0.1	11.6	-29.00	-24.17	-53.60	66.3	9.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
<b>OXLCR4B1</b>	10/11/2023 12:27	0.0	0.0	20.8	79.2	-1.02	-0.91	-42.60	87.4	0.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less

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..	Deg. F.	scfm	
OXLCR4B1	10/11/2023 12:28	0.0	0.0	20.8	79.2	-0.96	-0.91	-42.84	86.6	0.5	Valve Adjustment:No Change,Valve at minimum position
OXLCR4B1	10/17/2023 10:47	0.0	0.0	21.2	78.8	-1.30	-1.28	-50.37	84.0	0.3	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	10/17/2023 10:48	0.0	0.0	21.1	78.9	-1.35	-1.32	-50.09	84.3	0.0	Valve Adjustment:No Change,Valve at minimum position
OXLCRS07	10/6/2023 9:12	44.0	33.2	11.5	11.3	-0.57	-1.50	-45.70	88.1	11.9	Valve Adjustment:No Change,Valve 15% open
OXLCRS07	10/21/2023 8:56	7.7	6.6	17.2	68.5	-14.38	-14.00	-49.20	87.5	14.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXLCRS07	10/21/2023 9:01	7.3	7.2	17.2	68.3	-13.89	-1.90	-48.52	87.6	12.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS10	10/6/2023 8:25	57.0	37.6	1.2	4.2	-28.96	-31.00	-37.42	90.4	169.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS10	10/20/2023 14:10	57.2	36.1	0.5	6.2	-36.45	-35.00	-41.65	89.9	126.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS11	10/6/2023 8:22	49.8	37.1	1.8	11.3	-4.91	-4.58	-48.10	88.1	125.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXLCRS11	10/20/2023 14:08	53.0	36.5	1.1	9.4	-4.44	-4.88	-50.74	88.0	122.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXLCRS12	10/9/2023 11:04	54.8	42.4	0.2	2.6	-11.62	-11.63	-33.74	75.6	105.9	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	10/20/2023 13:49	53.8	38.3	0.2	7.7	-13.81	-13.94	-41.14	74.9	114.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	10/10/2023 15:21	17.6	5.8	17.0	59.6	-17.66	-17.49	-42.32	73.1	3.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3A	10/10/2023 15:28	23.1	8.0	14.9	54.0	-40.00	-40.00	-42.37	72.8	3.2	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3A	10/12/2023 13:10	34.9	9.4	10.8	44.9	-43.31	-43.13	-43.29	85.2	4.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3A	10/12/2023 13:15	60.3	15.8	4.8	19.1	-42.18	-41.95	-42.61	86.0	4.3	Valve Adjustment:No Change,Valve at minimum position
OXLCRS3A	10/20/2023 9:25	65.4	17.1	4.8	12.7	-2.65	-2.65	-47.90	58.4	1.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS3B	10/10/2023 15:29	22.5	7.7	18.0	51.8	-31.48	-31.46	-41.97	72.5	4.2	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3B	10/10/2023 15:32	23.4	8.1	14.7	53.8	-32.15	-32.15	-41.86	75.5	5.3	Valve Adjustment:NSPS,Valve at minimum position
OXLCRS3B	10/12/2023 12:48	48.1	13.1	8.0	30.8	-17.20	-11.42	-43.67	88.3	6.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3B	10/12/2023 13:03	60.5	16.4	4.8	18.3	34.88	-0.24	-43.83	91.7	10.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS3B	10/12/2023 13:04	71.3	17.3	2.2	9.2	-18.47	-19.76	-43.48	90.6	1.6	Valve Adjustment:No Change,Valve at minimum position
OXLCRS3B	10/20/2023 9:15	65.7	16.8	3.9	13.6	-9.22	-10.79	-47.94	57.9	14.3	Valve Adjustment:Opened valve 1/2 turn or less
OXLCRS7B	10/6/2023 9:17	7.2	6.9	16.6	69.3	-2.23	-1.99	-45.65	83.5	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS7B	10/6/2023 9:20	7.3	7.6	16.4	68.7	-1.76	-2.01	-45.59	85.8	0.6	Valve Adjustment:NSPS,Valve at minimum position
OXLCRS7B	10/12/2023 13:36	7.2	6.9	16.2	69.7	-2.05	-1.67	-41.69	84.8	0.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS7B	10/12/2023 13:45	7.6	7.5	16.0	68.9	-1.71	-1.66	-42.94	87.8	0.5	Valve Adjustment:No Change,Valve at minimum position
OXLCRS7B	10/13/2023 14:37	5.4	5.2	17.6	71.8	-3.01	-2.71	-44.50	70.5	0.5	Valve Adjustment:No Change,Valve at minimum position
OXLCRS7B	10/13/2023 14:39	2.3	3.1	21.3	73.3	-2.23	-2.03	-44.61	70.8	0.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS7B	10/18/2023 15:28	2.2	3.0	20.6	74.2	0.00	0.00	-41.09	96.7	6.2	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position
OXLCRS7B	10/18/2023 15:30	0.8	1.7	20.8	76.7	0.00	-0.92	-41.04	96.9	6.5	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS7B	10/18/2023 15:31	0.1	0.9	20.3	78.7	-1.30	-1.76	-41.20	97.7	6.0	Valve Adjustment:No Change,Valve at minimum position

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..	Deg. F.	scfm	
OXLCRS8A	10/2/2023 9:03	57.1	41.3	0.0	1.6	-0.10	-0.10	-50.14	59.6	5.6	Valve Adjustment:No Change,Valve at minimum position
OXLCRS8A	10/2/2023 9:06	57.9	40.9	0.0	1.2	-0.11	-0.17	-49.98	60.5	5.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS8A	10/2/2023 10:24	56.5	41.7	0.1	1.7	-0.17	-0.21	-51.44	79.1	7.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS8A	10/2/2023 14:01	54.7	37.5	0.9	6.9	-0.16	-0.17	-53.22	100.6	7.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS8A	10/6/2023 10:14	56.8	42.7	0.0	0.5	-1.41	-1.68	-47.13	95.0	7.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS8A	10/13/2023 9:58	51.7	37.3	2.4	8.6	-0.21	-0.21	-53.35	75.6	10.1	Valve Adjustment:No Change,Valve at minimum position
OXLCRS9A	10/9/2023 11:30	50.9	40.3	3.7	5.1	-0.48	-0.48	-37.28	87.7	2.8	Valve Adjustment:No Change,Valve 10% open
OXLCRS9A	10/19/2023 10:45	51.5	41.4	4.4	2.7	-0.46	-0.46	-44.49	90.1	3.2	Valve Adjustment:No Change,Valve 10% open
OXLCRS9B	10/9/2023 11:35	33.1	28.0	8.6	30.3	-3.01	-3.13	-37.69	78.9	5.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS9B	10/9/2023 11:38	33.1	28.2	8.6	30.1	-1.90	-1.78	-37.40	80.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OXLCRS9B	10/12/2023 12:29	43.3	33.2	3.9	19.6	-0.71	-0.71	-39.23	82.8	2.8	Valve Adjustment:No Change,Valve at minimum position
OXLCRS9B	10/19/2023 10:55	51.6	41.2	4.0	3.2	-0.33	-0.36	-44.00	86.5	2.1	Valve Adjustment:No Change,Valve at minimum position
OXME302D	10/3/2023 12:50	55.9	37.9	0.0	6.2	-35.05	-35.05	-36.64	118.2	28.4	Valve Adjustment:No Change,Valve 100% open
OXME302D	10/13/2023 11:56	57.5	38.7	0.1	3.7	-42.68	-42.81	-44.30	119.1	19.7	Valve Adjustment:No Change,Valve 100% open
OXME306D	10/3/2023 13:07	54.1	37.4	0.0	8.5	-1.06	-1.24	-36.65	121.7	1.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXME306D	10/18/2023 13:38	48.8	35.2	0.1	15.9	-1.76	-1.76	-41.76	122.5	1.2	Valve Adjustment:No Change,Valve 25% open
OXME312D	10/5/2023 15:12	50.0	38.5	1.0	10.5	-0.73	-0.73	-40.52	99.6	2.9	Valve Adjustment:No Change
OXME312D	10/21/2023 10:00	35.4	32.6	3.4	28.6	-1.63	-1.63	-46.51	72.7	3.4	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	10/9/2023 14:10	59.8	40.1	0.1	0.0	-32.16	-32.18	-33.63	127.1	30.2	Valve Adjustment:No Change,Valve 100% open
OXME316D	10/19/2023 14:14	59.4	40.4	0.1	0.1	-39.27	-39.24	-40.73	127.0	34.6	Valve Adjustment:No Change,Valve 100% open
OXME317D	10/9/2023 14:06	58.3	41.5	0.1	0.1	-34.19	-34.12	-34.39	79.2	9.1	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	10/19/2023 14:08	57.9	38.8	0.1	3.2	-43.38	-43.39	-43.11	90.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	10/10/2023 13:53	52.7	35.9	2.8	8.6	-18.34	-17.93	-42.19	81.3	21.4	Valve Adjustment:No Change
OXMEW113	10/21/2023 10:38	54.1	40.9	0.8	4.2	-18.57	-18.45	-47.34	80.2	13.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	10/6/2023 15:36	55.2	33.3	0.6	10.9	-43.88	-43.93	-44.21	102.8	13.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	10/21/2023 8:39	59.7	34.0	0.5	5.8	-47.55	-47.55	-47.74	58.1	4.5	Valve Adjustment:No Change
OXMEW126	10/10/2023 14:21	51.1	40.9	4.6	3.4	-39.31	-39.31	-39.33	75.6	12.3	Valve Adjustment:No Change,Valve 100% open
OXMEW126	10/19/2023 15:29	53.2	39.3	0.1	7.4	-46.28	-46.30	-45.87	89.0	9.1	Valve Adjustment:No Change,Valve 100% open
OXMEW138	10/3/2023 9:54	32.9	33.8	0.0	33.3	-1.44	-1.43	-37.32	81.5	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW138	10/17/2023 13:05	39.2	36.4	0.1	24.3	-1.20	-0.74	-41.76	83.4	4.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW145	10/10/2023 14:06	52.8	36.8	0.3	10.1	-42.25	-42.29	-42.37	88.9	1.7	Valve Adjustment:No Change,Valve 100% open
OXMEW145	10/21/2023 10:58	54.2	39.3	0.1	6.4	-47.90	-47.88	-47.59	86.5	1.0	Valve Adjustment:No Change,Valve 100% open

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..	Deg. F.	scfm	
OXMEW156	10/11/2023 8:16	50.8	35.7	2.9	10.6	-0.14	-0.14	-41.78	62.6	0.7	Valve Adjustment:No Change,Valve at minimum position
OXMEW156	10/19/2023 7:55	48.9	36.4	2.3	12.4	-0.08	-0.35	-50.09	77.9	1.6	Valve Adjustment:No Change,Valve at minimum position
OXMEW158	10/10/2023 14:28	53.6	40.2	0.3	5.9	-38.97	-39.13	-39.43	71.3	0.3	Valve Adjustment:No Change,Valve 100% open
OXMEW158	10/19/2023 15:21	52.7	38.1	0.1	9.1	-46.77	-46.74	-46.32	80.0	2.3	Valve Adjustment:No Change,Valve 100% open
OXMEW159	10/10/2023 14:27	53.0	40.8	0.0	6.2	-39.09	-39.12	-39.45	71.0	2.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXMEW159	10/19/2023 15:24	52.4	38.8	0.1	8.7	-46.26	-46.44	-46.16	75.4	6.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW162	10/3/2023 11:09	56.3	33.7	0.3	9.7	-36.66	-36.64	-36.51	78.8	6.7	Valve Adjustment:No Change
OXMEW162	10/18/2023 12:52	57.7	35.3	0.3	6.7	-40.78	-40.88	-40.71	89.7	11.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	10/6/2023 17:24	47.1	29.5	2.3	21.1	-27.84	-27.75	-43.09	94.8	0.3	Valve Adjustment:No Change,Valve at minimum position
OXMEW170	10/13/2023 12:55	36.2	25.2	3.4	35.2	-14.72	-14.73	-42.45	70.2	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW173	10/6/2023 17:46	39.5	32.3	0.2	28.0	-3.58	-3.58	-43.62	101.5	41.4	Valve Adjustment:No Change
OXMEW173	10/13/2023 12:10	33.3	37.0	0.0	29.7	-4.07	-3.68	-43.91	98.3	8.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW174	10/6/2023 16:20	46.4	37.9	0.1	15.6	-4.80	-4.74	-45.53	82.8	8.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW174	10/13/2023 10:11	47.1	41.0	0.1	11.8	-5.20	-4.65	-50.66	73.0	8.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	10/6/2023 16:24	50.2	41.3	0.1	8.4	-5.78	-5.73	-44.78	86.1	6.2	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	10/13/2023 10:21	51.4	42.1	0.0	6.5	-6.02	-6.02	-51.43	78.4	6.2	Valve Adjustment:No Change,Valve at minimum position
OXMEW181	10/10/2023 9:13	53.2	39.1	0.4	7.3	-38.81	-38.74	-39.86	110.7	15.7	Valve Adjustment:No Change
OXMEW181	10/19/2023 14:48	42.0	37.2	1.7	19.1	-40.44	-39.61	-45.10	111.7	72.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW182	10/9/2023 13:56	51.8	40.2	0.2	7.8	-33.85	-33.82	-30.20	119.1	22.8	Valve Adjustment:No Change,Valve 100% open
OXMEW182	10/19/2023 13:53	52.7	38.5	0.1	8.7	-41.05	-41.06	-44.07	119.5	16.7	Valve Adjustment:No Change,Valve 100% open
OXMEW183	10/3/2023 12:23	47.3	38.2	0.1	14.4	-6.04	-5.90	-33.16	115.2	33.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW183	10/20/2023 16:01	49.5	38.2	0.0	12.3	-7.07	-7.13	-47.37	115.7	34.2	Valve Adjustment:No Change
OXMEW184	10/10/2023 13:31	55.2	38.3	0.2	6.3	-0.57	-0.65	-41.71	124.8	25.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW184	10/18/2023 15:13	53.2	40.2	0.1	6.5	-0.60	-0.89	-40.55	125.4	27.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	10/10/2023 13:27	49.3	37.3	0.4	13.0	-0.17	-0.16	-41.97	91.8	7.6	Valve Adjustment:No Change
OXMEW185	10/18/2023 15:07	56.3	40.4	0.8	2.5	-0.17	-0.59	-41.39	95.9	4.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	10/18/2023 15:09	56.2	39.7	0.5	3.6	-0.64	-1.34	-41.14	99.7	16.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW186	10/9/2023 13:46	50.4	42.2	0.0	7.4	-0.85	-0.84	-39.19	124.1	9.4	Valve Adjustment:No Change,Valve 10% open
OXMEW186	10/21/2023 9:44	51.5	43.3	0.0	5.2	-1.23	-1.23	-46.49	124.7	5.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW187	10/10/2023 12:47	56.7	43.3	0.0	0.0	-0.49	-0.49	-41.49	103.4	7.5	Valve Adjustment:No Change
OXMEW187	10/21/2023 9:19	43.5	40.8	0.0	15.7	-1.17	-1.17	-46.88	117.7	38.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	10/10/2023 13:18	49.3	36.9	0.1	13.7	-1.16	-1.16	-41.09	114.2	12.5	Valve Adjustment:No Change

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW188	10/18/2023 14:50	47.4	39.0	0.1	13.5	-1.02	-1.02	-40.20	117.1	12.8	Valve Adjustment:No Change
OXMEW189	10/10/2023 13:09	43.1	39.0	1.9	16.0	-0.39	-0.42	-32.13	124.2	0.0	Valve Adjustment:No Change
OXMEW189	10/18/2023 14:40	48.7	41.6	0.9	8.8	-1.94	-2.42	-37.72	124.8	0.0	Valve Adjustment:No Change
OXMEW190	10/5/2023 15:08	51.3	37.6	0.2	10.9	-17.31	-17.31	-39.23	127.4	41.3	Valve Adjustment:No Change,Valve 40% open
OXMEW190	10/21/2023 10:06	48.6	40.3	0.1	11.0	-20.62	-20.67	-45.84	126.9	45.2	Valve Adjustment:No Change,Valve 50% open
OXMEW191	10/11/2023 8:27	29.1	33.5	0.0	37.4	-11.94	-9.70	-42.22	122.9	26.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW191	10/13/2023 11:03	39.5	37.0	0.0	23.5	-2.75	-2.36	-44.66	122.1	9.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	10/6/2023 16:49	49.6	40.2	0.8	9.4	-2.33	-2.33	-45.39	98.0	4.1	Valve Adjustment:No Change,Valve at minimum position
OXMEW192	10/25/2023 10:50	43.0	33.7	3.9	19.4	-2.47	-2.47	-50.89	60.8	1.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW194	10/10/2023 9:23	55.1	40.7	0.5	3.7	-40.03	-39.98	-40.03	85.1	17.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW194	10/19/2023 15:02	53.4	40.3	0.6	5.7	-46.09	-46.15	-45.80	87.8	16.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	10/9/2023 13:53	53.1	41.4	0.1	5.4	-6.37	-6.37	-35.92	91.8	5.8	Valve Adjustment:No Change
OXMEW196	10/19/2023 13:50	52.4	38.3	0.0	9.3	-8.55	-8.38	-44.15	101.1	6.4	Valve Adjustment:No Change
OXMEW199	10/9/2023 13:43	52.1	41.1	0.0	6.8	-5.01	-4.97	-36.13	123.9	25.6	Valve Adjustment:No Change
OXMEW199	10/21/2023 9:48	53.4	40.5	0.0	6.1	-5.19	-6.52	-45.80	124.5	23.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	10/10/2023 12:42	31.3	31.1	0.3	37.3	-5.18	-5.01	-41.06	119.1	28.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	10/21/2023 9:24	31.2	32.4	0.5	35.9	-5.53	-4.81	-46.41	119.0	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	10/10/2023 13:25	44.1	35.3	0.0	20.6	-0.54	-0.54	-41.22	88.9	6.8	Valve Adjustment:No Change
OXMEW201	10/18/2023 15:00	46.7	38.5	0.0	14.8	-0.50	-0.50	-41.05	93.6	8.3	Valve Adjustment:No Change
OXMEW203	10/10/2023 13:40	52.0	37.0	0.7	10.3	-40.34	-40.34	-42.56	81.0	9.7	Valve Adjustment:No Change,Valve 20% open
OXMEW203	10/21/2023 11:21	51.8	38.2	0.4	9.6	-45.74	-45.74	-48.18	81.0	14.9	Valve Adjustment:No Change,Valve 25% open
OXMEW204	10/3/2023 10:09	29.8	29.0	0.1	41.1	-12.86	-12.87	-36.49	98.6	5.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXMEW204	10/17/2023 13:26	27.2	30.2	0.1	42.5	-14.78	-10.00	-41.18	100.8	5.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
<b>OXMEW205</b>	10/10/2023 12:52	47.3	37.5	1.0	14.2	-0.91	-0.91	-41.54	127.5	0.0	Valve Adjustment:No Change,Valve 30% open
<b>OXMEW205</b>	10/21/2023 9:12	32.4	36.5	0.1	31.0	-1.12	-1.12	-46.59	127.6	0.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
<b>OXMEW209</b>	10/3/2023 12:43	57.0	38.9	0.0	4.1	-28.30	-29.04	-36.43	135.9	49.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
<b>OXMEW209</b>	10/18/2023 14:21	56.3	39.5	0.1	4.1	-32.16	-32.20	-41.17	136.4	58.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXMEW210	10/3/2023 13:03	53.1	33.9	0.3	12.7	-34.17	-34.18	-35.71	123.7	3.5	Valve Adjustment:No Change,Valve 100% open
OXMEW210	10/18/2023 13:35	53.6	38.3	0.3	7.8	-39.02	-39.06	-40.81	124.0	2.3	Valve Adjustment:No Change,Valve 100% open
OXMEW300	10/3/2023 12:56	50.9	36.3	0.7	12.1	-35.95	-36.05	-36.28	103.6	19.7	Valve Adjustment:No Change,Valve 100% open
OXMEW300	10/13/2023 12:06	53.1	36.3	0.6	10.0	-43.75	-43.81	-44.02	104.4	29.1	Valve Adjustment:No Change,Valve 100% open
OXMEW302	10/3/2023 12:48	43.9	31.1	2.1	22.9	-1.02	-1.02	-36.77	74.5	6.5	Valve Adjustment:No Change

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW302	10/13/2023 11:53	39.2	26.2	4.1	30.5	-1.61	-1.61	-43.97	72.3	10.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	10/3/2023 13:09	35.2	31.5	0.8	32.5	-1.25	-1.25	-36.15	80.3	0.0	Valve Adjustment:No Change
OXMEW306	10/18/2023 13:41	43.0	35.1	0.5	21.4	-1.65	-1.65	-41.50	94.7	3.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	10/10/2023 14:10	55.7	38.8	1.3	4.2	-42.00	-42.02	-42.03	88.3	1.8	Valve Adjustment:No Change,Valve 100% open
OXMEW307	10/21/2023 11:15	54.5	39.6	0.7	5.2	-47.74	-47.74	-47.71	86.2	0.8	Valve Adjustment:No Change,Valve 100% open
OXMEW309	10/3/2023 12:39	43.8	36.0	0.2	20.0	-11.50	-11.10	-37.02	126.0	15.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	10/18/2023 14:03	41.0	34.6	0.1	24.3	-8.61	-8.61	-41.46	122.8	8.9	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXMEW310	10/9/2023 13:40	45.2	38.9	0.0	15.9	-14.16	-13.99	-37.63	120.2	237.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	10/19/2023 13:46	42.7	35.4	0.0	21.9	-14.15	-12.70	-43.21	121.3	259.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	10/3/2023 10:28	47.5	40.0	0.0	12.5	-34.24	-34.27	-35.75	117.9	28.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	10/18/2023 11:04	51.0	38.2	0.0	10.8	-38.14	-38.33	-39.31	118.2	30.8	Valve Adjustment:No Change
OXMEW312	10/5/2023 15:10	50.3	39.2	0.6	9.9	-2.97	-2.97	-40.75	96.6	7.1	Valve Adjustment:No Change
OXMEW312	10/21/2023 9:57	52.0	41.6	0.0	6.4	-4.70	-4.73	-45.89	82.9	8.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW315	10/3/2023 13:24	47.0	36.2	0.0	16.8	-32.79	-32.86	-33.41	119.9	12.9	Valve Adjustment:No Change,Valve 80% open
OXMEW315	10/25/2023 10:31	51.3	37.1	0.0	11.6	-42.36	-42.33	-43.96	120.3	22.4	Valve Adjustment:No Change,Valve 90% open
OXMEW316	10/9/2023 14:12	58.4	41.5	0.1	0.0	-32.70	-32.79	-34.56	108.6	10.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	10/19/2023 14:16	58.6	41.0	0.4	0.0	-40.29	-40.24	-42.48	104.9	7.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	10/9/2023 14:07	57.9	42.0	0.1	0.0	-34.54	-34.44	-34.96	102.6	7.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	10/19/2023 14:11	58.8	41.0	0.2	0.0	-43.87	-43.56	-43.45	105.1	8.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	10/9/2023 14:00	51.3	38.2	0.2	10.3	-1.71	-1.70	-36.27	106.8	8.3	Valve Adjustment:No Change,Valve at minimum position
OXMEW318	10/19/2023 14:00	52.1	39.7	0.0	8.2	-2.37	-2.36	-43.47	108.9	9.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW319	10/9/2023 13:31	57.3	42.6	0.1	0.0	-11.11	-15.08	-36.01	105.6	11.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW319	10/19/2023 13:34	46.1	38.1	0.1	15.7	-21.21	-21.03	-42.71	110.0	18.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW320	10/5/2023 15:05	58.0	39.7	0.1	2.2	-39.84	-39.82	-39.74	125.7	6.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	10/25/2023 10:16	56.8	40.1	0.5	2.6	-45.67	-45.68	-45.74	123.4	11.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW322	10/10/2023 9:04	54.7	39.1	0.0	6.2	-39.52	-39.49	-40.16	116.2	25.3	Valve Adjustment:No Change,Valve 100% open
OXMEW322	10/19/2023 14:19	55.4	38.9	0.1	5.6	-43.87	-43.86	-44.66	117.3	24.3	Valve Adjustment:No Change,Valve 100% open
OXMEW323	10/9/2023 14:44	54.8	36.4	0.2	8.6	-36.75	-36.66	-36.66	115.0	5.8	Valve Adjustment:No Change,Valve 100% open
OXMEW323	10/19/2023 11:37	55.0	43.5	0.0	1.5	-43.71	-43.71	-43.81	116.9	5.0	Valve Adjustment:No Change,Valve 100% open
OXMEW328	10/9/2023 13:02	54.0	41.5	1.8	2.7	-25.42	-25.59	-25.38	68.8	14.9	Valve Adjustment:No Change
OXMEW328	10/19/2023 11:32	49.0	37.8	0.3	12.9	-32.95	-32.81	-32.82	94.2	18.5	Valve Adjustment:No Change
OXMEWHC1	10/10/2023 14:17	53.8	42.1	0.0	4.1	-39.31	-39.31	-39.31	70.0	N/A	Valve Adjustment:No Change,Valve 100% open

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..	Deg. F.	scfm	
OXMEWHC1	10/21/2023 11:11	48.1	41.8	1.9	8.2	-44.53	-44.66	-44.31	71.3	N/A	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	10/10/2023 11:11	50.9	41.2	0.2	7.7	-39.02	-39.10	-40.25	69.2	16.7	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	10/20/2023 16:44	52.5	41.1	1.4	5.0	-49.34	-49.35	-49.79	69.5	18.1	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	10/10/2023 11:14	49.4	40.2	0.9	9.5	-40.86	-40.79	-40.67	68.6	7.9	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	10/20/2023 16:41	53.5	40.9	0.7	4.9	-49.67	-49.70	-49.57	65.9	7.3	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	10/6/2023 16:41	52.5	42.9	3.0	1.6	-1.20	-1.20	-44.53	102.6	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEWW08	10/13/2023 11:19	50.7	42.6	1.0	5.7	-1.90	-1.90	-44.12	71.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEWW18	10/9/2023 12:05	52.5	41.2	0.2	6.1	-37.90	-37.58	-37.46	68.6	0.4	Valve Adjustment:No Change,Valve 100% open
OXMEWW18	10/19/2023 11:56	53.9	41.4	0.1	4.6	-45.68	-45.68	-45.62	93.9	1.2	Valve Adjustment:No Change,Valve 100% open
OXMEWW1G	10/10/2023 11:07	51.8	40.5	0.0	7.7	-11.28	-11.32	-39.91	78.5	6.7	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1G	10/17/2023 11:29	50.3	40.3	0.3	9.1	-11.07	-11.04	-39.97	81.5	6.7	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1S	10/10/2023 11:25	53.4	42.7	0.1	3.8	-23.01	-23.28	-37.45	67.5	9.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	10/20/2023 16:30	54.2	36.0	0.2	9.6	-27.23	-27.24	-46.97	67.5	23.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	10/5/2023 14:46	57.5	40.7	0.3	1.5	-42.66	-42.64	-43.05	98.6	155.0	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	10/17/2023 14:17	57.1	42.5	0.2	0.2	-48.66	-48.70	-44.92	91.4	58.6	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	10/5/2023 14:42	55.7	39.2	0.6	4.5	-43.93	-43.93	-43.66	103.1	6.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF04	10/17/2023 14:14	52.7	38.9	0.3	8.1	-45.16	-45.17	-44.97	87.2	3.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW30	10/10/2023 10:33	52.9	39.4	0.3	7.4	-42.20	-42.17	-41.73	60.4	3.7	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	10/13/2023 13:54	55.7	39.0	0.2	5.1	-44.79	-44.75	-44.66	71.6	1.7	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	10/10/2023 10:57	54.0	42.4	0.1	3.5	-42.32	-42.38	-41.83	63.7	2.6	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	10/13/2023 14:27	53.9	38.2	0.4	7.5	-44.79	-44.84	-45.04	68.9	1.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	10/6/2023 16:27	47.8	40.1	0.1	12.0	-34.21	-34.25	-44.43	87.1	4.1	Valve Adjustment:No Change,Valve at minimum position
OXMPEW32	10/13/2023 10:26	46.7	40.6	0.0	12.7	-37.58	-33.22	-48.69	81.1	4.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMPEW33	10/6/2023 16:52	53.5	41.6	0.1	4.8	-4.51	-4.51	-45.50	86.2	10.2	Valve Adjustment:No Change,Valve 5% open
OXMPEW33	10/17/2023 11:07	50.8	39.8	0.1	9.3	-4.51	-4.50	-42.49	81.7	10.4	Valve Adjustment:No Change,Valve at minimum position
<b>OXMPEW35</b>	10/10/2023 10:43	48.1	41.5	0.2	10.2	-33.08	-33.08	-38.04	122.8	28.4	Valve Adjustment:No Change
<b>OXMPEW35</b>	10/13/2023 14:07	48.8	39.4	0.3	11.5	-35.90	-35.54	-40.16	122.8	20.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW44	10/10/2023 11:29	57.4	42.1	0.5	0.0	-41.35	-41.34	-41.01	63.5	1.3	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	10/20/2023 16:27	50.6	35.7	2.0	11.7	-50.16	-50.16	-50.27	60.5	0.7	Valve Adjustment:No Change,Valve 100% open
OXSS2032	10/9/2023 11:07	53.3	43.7	0.0	3.0	-0.39	-0.40	-33.07	75.4	18.2	Valve Adjustment:No Change,Valve 15% open
OXSS2032	10/20/2023 13:52	52.5	40.1	0.2	7.2	-0.51	-0.51	-40.88	74.5	19.2	Valve Adjustment:No Change,Valve 15% open
OXSS2033	10/6/2023 8:46	57.0	42.5	0.5	0.0	-20.35	-20.24	-40.08	75.2	40.8	Valve Adjustment:No Change,Valve 100% open

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..	Deg. F.	scfm	
OXSS2033	10/20/2023 14:18	57.8	37.1	1.8	3.3	-24.32	-24.25	-44.95	62.7	31.2	Valve Adjustment:No Change,Valve 100% open
OXSS2034	10/6/2023 8:43	54.4	34.9	0.2	10.5	-33.73	-33.61	-38.87	74.1	16.2	Valve Adjustment:No Change,Valve 100% open
OXSS2034	10/20/2023 14:13	58.4	36.7	0.8	4.1	-35.38	-35.23	-39.04	67.7	3.7	Valve Adjustment:No Change,Valve 100% open
OXSS2215	10/9/2023 10:51	56.0	36.2	0.1	7.7	0.04	-0.01	-35.26	64.2	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXSS2215	10/9/2023 10:56	58.6	39.5	0.0	1.9	-0.03	-0.03	-35.91	81.6	8.5	Valve Adjustment:No Change
OXSS2215	10/20/2023 15:21	58.9	37.1	4.0	0.0	-0.03	-0.04	-42.73	94.5	8.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2216	10/9/2023 11:25	45.9	34.8	4.0	15.3	-0.21	-0.23	-37.79	77.1	6.6	Valve Adjustment:No Change,Valve at minimum position
OXSS2216	10/19/2023 10:50	47.4	36.8	3.3	12.5	-0.25	-0.25	-44.44	80.7	6.6	Valve Adjustment:No Change,Valve at minimum position

<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, OXMPWEW35
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≤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, <del>OXLCS04</del> , OXLCS4A, OXLCS4B, <del>OXLCS05</del> , <del>OXLCS06</del> , OXLCS07, <del>OXMEWHC6</del> , <del>OXMTBTC1</del> , <del>OXMEW47</del> , and <del>OXMHCF06</del> .
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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, <del>OXLCS04</del> , OXLCS4A, OXLCS4B, <del>OXLCS05</del> , <del>OXLCS06</del> , and OXLCS07.
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\*Wells that have been decommissioned are noted with a strikethrough.



OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - November 3, 6, 7, 11, 13, 14, 15, 16, 17, 20, 21, 22, 27, 28, and 29, 2023.

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..	Deg. F.	scfm	
OMLEW101	11/14/2023 8:42	49.9	37.5	0.4	12.2	-3.69	-3.89	-45.93	72.2	45.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMLEW101	11/29/2023 13:32	48.3	36.3	1.7	13.7	-3.09	-3.08	-44.72	71.7	44.5	Valve Adjustment:No Change,Valve at minimum position
OMLEW101	11/29/2023 13:37	48.4	36.6	1.5	13.5	-2.90	-2.92	-44.45	71.8	15.8	Valve Adjustment:No Change,Valve at minimum position
OMLEW101	11/29/2023 13:41	48.4	38.2	1.6	11.8	-3.27	-3.25	-44.43	72.0	29.3	Valve Adjustment:No Change,Valve at minimum position
OMLEW104	11/11/2023 8:33	49.0	37.2	0.3	13.5	-40.01	-40.03	-45.80	90.5	55.8	Valve Adjustment:No Change
OMLEW104	11/29/2023 8:35	49.6	37.4	0.6	12.4	-41.66	-41.64	-46.04	90.5	49.5	Valve Adjustment:No Change
OMLEW107	11/11/2023 8:30	57.1	38.9	0.2	3.8	-45.15	-45.24	-45.25	64.4	14.3	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	11/29/2023 8:32	55.7	37.4	0.2	6.7	-45.71	-45.70	-46.00	59.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW59	11/6/2023 9:54	48.2	41.5	0.0	10.3	-1.47	-1.46	-32.74	100.1	7.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMLFEW59	11/20/2023 14:14	54.5	43.9	0.0	1.6	-0.37	-0.50	-29.32	100.7	1.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OMLFEW72	11/11/2023 8:52	46.4	35.7	0.0	17.9	-2.39	-2.37	-45.71	65.6	7.4	Valve Adjustment:No Change,Valve at minimum position
OMLFEW72	11/29/2023 8:54	47.1	35.4	0.0	17.5	-2.49	-2.46	-46.28	61.7	7.3	Valve Adjustment:No Change,Valve 5% open
OMLFEW99	11/6/2023 15:26	52.1	39.1	0.1	8.7	-0.59	-0.58	-42.75	67.2	12.5	Valve Adjustment:No Change,Valve 5% open
OMLFEW99	11/22/2023 8:48	46.7	37.4	0.0	15.9	-0.82	-0.81	-47.37	65.8	13.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS01</b>	11/11/2023 9:12	24.3	27.5	5.3	42.9	-0.22	-0.23	-44.61	86.2	5.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS01</b>	11/29/2023 9:10	20.1	23.2	9.2	47.5	-0.24	-0.24	-46.20	79.0	4.9	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS02</b>	11/11/2023 9:24	53.3	38.9	0.9	6.9	-0.33	-0.39	-45.59	72.0	10.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
<b>OMTLTS02</b>	11/21/2023 12:33	45.3	35.7	1.2	17.8	-0.36	-0.36	-47.42	69.0	12.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS02</b>	11/29/2023 9:51	51.1	37.2	0.8	10.9	-0.38	-0.38	-47.07	67.0	12.3	Valve Adjustment:No Change,Valve 5% open
<b>OMTLTS02</b>	11/29/2023 9:55	51.4	37.4	0.7	10.5	-0.53	-0.53	-46.47	67.7	14.8	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS03</b>	11/11/2023 9:29	52.2	39.3	0.0	8.5	-0.48	-0.55	-45.25	72.2	7.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
<b>OMTLTS03</b>	11/29/2023 10:00	50.2	36.6	0.0	13.2	-0.56	-0.58	-46.88	68.0	8.5	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS03</b>	11/29/2023 10:03	49.5	37.1	0.0	13.4	-0.60	-0.60	-47.28	68.5	8.0	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS04</b>	11/13/2023 13:28	26.9	25.5	0.6	47.0	-0.09	-0.08	-42.15	71.5	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS04</b>	11/21/2023 13:19	20.2	26.3	3.1	50.4	-0.10	-0.10	-47.84	67.8	0.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS05</b>	11/13/2023 13:31	30.9	26.2	1.7	41.2	-0.09	-0.08	-42.43	70.7	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS05</b>	11/21/2023 13:17	18.0	25.4	3.8	52.8	-0.11	-0.11	-43.84	67.9	0.1	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS06</b>	11/13/2023 13:35	35.8	28.4	3.8	32.0	-0.11	-0.10	-42.66	91.9	2.8	Valve Adjustment:Closed valve 1/2 turn or less
<b>OMTLTS06</b>	11/21/2023 13:15	39.7	33.5	3.0	23.8	-0.09	-0.09	-43.47	70.7	0.1	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS07</b>	11/13/2023 13:50	37.6	31.8	0.0	30.6	-0.06	-0.04	-45.71	83.6	3.0	Valve Adjustment:Closed valve 1/2 turn or less

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..	Deg. F.	scfm	
OMTLTS07	11/21/2023 13:12	50.0	36.1	0.1	13.8	-0.02	-0.07	-44.76	71.8	6.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS08	11/13/2023 13:54	0.3	2.8	21.7	75.2	-0.02	-0.01	-3.86	63.6	0.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	11/13/2023 13:55	0.1	0.6	22.1	77.2	-0.02	-0.02	-4.07	65.7	0.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	11/21/2023 12:51	0.1	0.0	20.7	79.2	-0.05	-0.05	-21.19	70.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	11/21/2023 12:52	0.1	0.1	20.4	79.4	-0.03	-0.03	-22.71	68.3	0.1	Valve Adjustment:NSPS,Valve at minimum position
OMTLTS09	11/13/2023 14:00	3.4	13.3	2.4	80.9	-0.11	-0.11	-3.98	74.7	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	11/21/2023 12:43	15.9	22.4	1.7	60.0	-0.12	-0.13	-24.70	65.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	11/13/2023 14:04	18.2	18.3	2.1	61.4	-0.12	-0.11	-17.46	63.4	0.3	Valve Adjustment:Closed valve 1/2 turn or less
OMTLTS10	11/21/2023 13:24	19.9	21.4	5.9	52.8	-0.13	-0.13	-18.24	67.3	0.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	11/13/2023 14:10	3.7	7.2	19.4	69.7	-0.13	-0.11	-22.03	61.3	1.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	11/13/2023 14:11	2.7	4.2	20.2	72.9	-0.12	-0.10	-22.18	61.6	1.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	11/21/2023 13:30	11.4	14.4	7.1	67.1	-0.26	-0.25	-19.32	69.7	5.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	11/13/2023 14:14	10.3	9.8	8.6	71.3	-0.22	-0.17	-27.59	65.1	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	11/21/2023 13:33	14.6	16.8	10.6	58.0	-0.20	-0.20	-36.77	68.0	0.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	11/13/2023 14:20	27.9	27.5	3.3	41.3	-0.32	-0.28	-48.03	88.8	9.1	Valve Adjustment:Closed valve 1/2 turn or less
OMTLTS15	11/29/2023 8:15	34.8	27.0	4.7	33.5	-0.21	-0.22	-47.03	78.6	5.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	11/13/2023 14:31	2.8	3.8	17.6	75.8	-0.25	-0.25	-42.77	67.6	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	11/13/2023 14:32	3.0	4.3	17.5	75.2	-0.25	-0.24	-42.54	67.4	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	11/21/2023 13:39	4.2	8.5	14.9	72.4	-0.32	-0.32	-31.76	69.4	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	11/3/2023 13:45	8.6	20.5	0.2	70.7	-0.64	-0.50	-39.57	79.6	6.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	11/22/2023 12:57	20.4	26.2	0.4	53.0	-0.21	-0.23	-43.48	71.4	1.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	11/3/2023 13:50	39.3	32.4	1.5	26.8	-2.67	-2.17	-42.28	93.9	55.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OMTLTS18	11/22/2023 12:40	43.3	33.1	1.3	22.3	-1.94	-1.76	-47.47	91.4	49.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OMTLTS19	11/3/2023 13:55	23.6	27.2	1.7	47.5	-0.58	-0.55	-41.28	86.4	7.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS19	11/22/2023 12:45	28.0	28.8	0.9	42.3	-0.57	-0.55	-44.33	81.3	13.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OMTLTS20	11/3/2023 14:18	5.6	9.4	13.8	71.2	-0.05	-0.04	-41.88	84.5	4.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	11/22/2023 12:49	8.2	13.1	11.3	67.4	-0.79	-0.22	-44.88	78.8	19.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXE2022R	11/13/2023 13:59	51.8	37.5	1.0	9.7	-37.37	-37.39	-42.39	75.1	2.1	Valve Adjustment:No Change,Valve 10% open
OXE2022R	11/29/2023 12:39	51.7	36.7	1.0	10.6	-43.45	-43.43	-40.94	70.4	1.3	Valve Adjustment:No Change
OXEW133B	11/11/2023 9:54	45.4	39.7	3.9	11.0	-3.59	-4.96	-45.45	83.9	98.2	Valve Adjustment:No Change
OXEW133B	11/29/2023 10:17	0.0	0.0	22.0	78.0	-34.45	-26.36	-45.21	95.3	0.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW133B	11/29/2023 10:19	0.0	0.0	22.0	78.0	-12.13	-12.10	-46.06	93.8	0.0	Valve Adjustment:NSPS,No Change

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..	Deg. F.	scfm	
OXEW134A	11/11/2023 9:51	45.2	41.1	1.6	12.1	-6.13	-7.05	-45.35	84.8	0.0	Valve Adjustment:No Change
OXEW134A	11/29/2023 10:11	36.8	31.0	6.5	25.7	-7.16	-5.60	-46.77	68.9	0.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW134A	11/29/2023 10:12	33.3	25.7	7.3	33.7	-6.67	-7.10	-46.81	69.2	0.0	Valve Adjustment:NSPS,No Change
OXEW134B	11/11/2023 9:42	0.0	0.0	22.3	77.7	-22.03	-20.09	-45.73	79.1	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	11/11/2023 9:48	40.6	35.9	4.9	18.6	-3.71	-3.70	-45.90	80.4	0.0	Valve Adjustment:No Change
OXEW134B	11/29/2023 10:07	36.4	30.9	4.3	28.4	-37.99	-38.41	-45.72	62.3	30.2	Valve Adjustment:No Change
OXEW137B	11/13/2023 13:44	56.9	36.9	0.4	5.8	-43.35	-42.21	-42.09	84.7	47.9	Valve Adjustment:No Change,Valve 100% open
OXEW137B	11/21/2023 13:06	53.3	37.1	1.6	8.0	-45.66	-45.77	-46.29	80.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	11/13/2023 12:24	53.1	32.0	0.4	14.5	-7.78	-9.08	-38.82	125.6	127.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	11/22/2023 11:14	48.8	35.6	1.1	14.5	-8.91	-8.91	-42.75	126.3	92.6	Valve Adjustment:No Change
OXEW1602	11/6/2023 10:17	59.7	39.8	0.1	0.4	-24.78	-24.84	-45.64	128.6	26.9	Valve Adjustment:No Change,Valve 100% open
OXEW1602	11/13/2023 12:55	56.6	37.1	0.1	6.2	-21.15	-21.16	-38.68	128.8	25.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	11/27/2023 13:38	57.1	39.1	0.1	3.7	-24.95	-24.99	-46.82	128.9	24.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	11/13/2023 12:31	58.6	37.8	0.1	3.5	-37.94	-37.59	-38.02	113.1	11.8	Valve Adjustment:No Change,Valve 100% open
OXEW1603	11/27/2023 9:32	59.9	40.1	0.0	0.0	-44.62	-44.73	-44.88	105.1	11.5	Valve Adjustment:No Change,Valve 100% open
OXEW1603	11/27/2023 9:42	59.7	40.3	0.0	0.0	-45.68	-45.67	-45.89	111.8	8.5	Valve Adjustment:No Change,Valve 100% open
OXEW1604	11/13/2023 12:38	52.2	37.8	0.0	10.0	-3.96	-4.38	-35.22	129.1	138.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	11/27/2023 9:58	43.1	36.6	0.0	20.3	-7.18	-4.99	-42.04	129.1	190.1	Valve Adjustment:Closed valve >1 turn
OXEW1611	11/13/2023 10:45	47.3	36.1	3.6	13.0	-0.63	-0.62	-34.20	72.0	0.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	11/28/2023 10:39	56.9	40.4	0.0	2.7	-0.11	-1.76	-36.04	70.0	0.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1611	11/28/2023 10:48	49.2	37.1	3.3	10.4	-2.67	-2.68	-35.53	72.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1612	11/6/2023 10:03	57.6	41.8	0.1	0.5	-44.25	-44.50	-44.34	123.5	43.9	Valve Adjustment:No Change,Valve 100% open
OXEW1612	11/27/2023 13:23	46.8	34.1	4.1	15.0	-45.81	-45.80	-45.82	119.1	25.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1613	11/13/2023 9:13	48.8	40.2	1.3	9.7	-38.32	-38.99	-44.27	124.9	115.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	11/13/2023 12:42	51.4	39.3	0.1	9.2	-32.46	-32.89	-37.96	126.3	50.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	11/27/2023 14:26	49.5	39.1	0.1	11.3	-45.10	-44.89	-46.36	126.3	140.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	11/6/2023 10:51	46.3	37.9	0.1	15.7	-1.31	-1.22	-40.25	118.6	11.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	11/27/2023 14:38	47.1	39.2	0.2	13.5	-1.18	-1.18	-46.27	118.5	34.4	Valve Adjustment:No Change
OXEW1616	11/13/2023 13:07	51.6	36.5	0.0	11.9	-20.81	-20.71	-35.18	116.4	22.2	Valve Adjustment:No Change
OXEW1616	11/29/2023 13:09	50.9	36.9	0.0	12.2	-22.04	-22.01	-37.79	116.4	20.3	Valve Adjustment:No Change
OXEW1617	11/13/2023 13:26	49.8	41.1	0.0	9.1	-4.11	-4.11	-41.59	130.3	16.2	Valve Adjustment:No Change,Valve 20% open
OXEW1617	11/27/2023 15:17	48.6	41.1	0.0	10.3	-4.66	-3.97	-46.00	130.9	17.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 20% open

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..	Deg. F.	scfm	
OXEW1617	11/27/2023 15:17	47.6	40.7	0.5	11.2	-3.90	-3.88	-46.76	130.3	14.0	Valve Adjustment:No Change
<b>OXEW1618</b>	11/6/2023 10:41	45.9	38.0	0.3	15.8	-2.92	-2.78	-42.20	129.3	7.6	Valve Adjustment:Closed valve 1/2 turn or less
<b>OXEW1618</b>	11/27/2023 14:11	47.0	38.4	0.3	14.3	-2.52	-2.52	-46.13	129.5	7.5	Valve Adjustment:No Change,Valve 30% open
<b>OXEW1618</b>	11/27/2023 14:15	46.8	38.7	0.2	14.3	-2.47	-2.43	-46.06	129.5	23.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
<b>OXEW1618</b>	11/27/2023 14:16	47.9	40.1	0.2	11.8	-2.11	-2.10	-45.94	129.3	21.4	Valve Adjustment:No Change,Valve 30% open
OXEW1619	11/13/2023 13:09	53.2	40.9	0.8	5.1	-41.63	-41.53	-41.98	116.3	8.1	Valve Adjustment:No Change,Valve 100% open
OXEW1619	11/29/2023 13:37	55.9	39.3	0.4	4.4	-45.94	-45.77	-46.10	114.4	10.0	Valve Adjustment:No Change,Valve 100% open
OXEW1620	11/13/2023 13:01	44.0	34.6	0.0	21.4	-10.72	-9.95	-42.40	115.2	9.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1620	11/29/2023 13:33	49.7	35.6	0.1	14.6	-5.63	-5.50	-46.73	111.6	5.1	Valve Adjustment:No Change
OXEW1621	11/13/2023 15:18	36.3	35.8	0.0	27.9	-0.99	-0.92	-46.48	113.5	14.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	11/15/2023 12:53	41.6	37.0	0.0	21.4	-0.34	-0.34	-29.56	110.7	8.7	Valve Adjustment:No Change
OXEW1621	11/17/2023 11:26	36.3	34.8	0.1	28.8	-0.88	-0.58	-46.90	112.5	13.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	11/13/2023 13:10	49.5	38.8	1.8	9.9	-33.24	-33.01	-41.61	118.7	27.3	Valve Adjustment:No Change
OXEW1622	11/15/2023 13:21	53.8	37.8	1.9	6.5	-30.29	-31.00	-38.97	119.2	18.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	11/17/2023 11:45	53.7	38.0	1.5	6.8	-35.93	-35.94	-42.49	118.9	37.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	11/29/2023 11:00	53.1	40.0	1.8	5.1	-38.65	-39.10	-46.31	118.7	16.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1701	11/13/2023 14:26	54.8	37.2	0.1	7.9	-41.97	-41.99	-42.49	120.0	6.0	Valve Adjustment:No Change,Valve 100% open
OXEW1701	11/29/2023 15:15	55.2	37.2	0.1	7.5	-40.09	-39.76	-40.67	120.3	4.6	Valve Adjustment:No Change,Valve 100% open
OXEW1701	11/29/2023 15:18	59.6	38.6	0.0	1.8	-40.74	-40.84	-41.83	119.8	18.8	Valve Adjustment:No Change,Valve 100% open
OXEW1702	11/13/2023 14:13	58.1	38.0	0.0	3.9	-38.26	-38.52	-39.95	124.2	6.7	Valve Adjustment:No Change,Valve 100% open
OXEW1702	11/29/2023 12:07	61.9	38.0	0.1	0.0	-38.90	-38.72	-40.93	124.9	5.5	Valve Adjustment:No Change,Valve 100% open
OXEW1703	11/13/2023 14:01	55.0	37.2	0.1	7.7	-38.44	-38.45	-38.57	91.9	15.0	Valve Adjustment:No Change,Valve 100% open
OXEW1703	11/29/2023 12:25	57.2	41.9	0.0	0.9	-38.89	-39.02	-39.23	94.5	6.2	Valve Adjustment:No Change,Valve 100% open
OXEW1705	11/13/2023 11:16	48.2	37.4	3.9	10.5	-37.19	-37.27	-37.84	114.1	9.5	Valve Adjustment:No Change,Valve 100% open
OXEW1705	11/21/2023 14:38	49.8	36.6	3.7	9.9	-36.75	-36.78	-37.63	112.8	9.1	Valve Adjustment:No Change,Valve 100% open
OXEW1716	11/6/2023 9:38	50.6	35.3	3.0	11.1	-44.33	-44.34	-44.18	59.8	6.9	Valve Adjustment:No Change,Valve 100% open
OXEW1716	11/16/2023 11:10	48.5	36.0	3.6	11.9	-48.98	-48.98	-48.85	67.2	1.5	Valve Adjustment:No Change,Valve 100% open
OXEW1716	11/16/2023 11:33	54.4	39.2	0.8	5.6	-48.68	-48.55	-48.50	70.6	0.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1717	11/6/2023 10:03	51.1	41.7	0.6	6.6	-36.44	-36.48	-47.73	103.6	12.6	Valve Adjustment:No Change,Valve 40% open
OXEW1717	11/20/2023 13:52	52.3	40.9	0.6	6.2	-33.09	-34.09	-44.60	103.0	12.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW1801	11/6/2023 11:05	49.8	38.1	0.3	11.8	-12.39	-12.34	-39.49	119.3	11.0	Valve Adjustment:No Change
OXEW1801	11/27/2023 14:49	49.4	38.4	0.2	12.0	-13.01	-12.99	-46.48	121.1	5.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open

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..	Deg. F.	scfm	
OXEW1804	11/14/2023 13:21	55.4	38.7	0.7	5.2	-43.49	-43.44	-46.20	126.0	19.9	Valve Adjustment:No Change,Valve 100% open
OXEW1804	11/27/2023 14:06	55.6	41.7	0.3	2.4	-44.01	-43.98	-46.48	124.7	20.5	Valve Adjustment:No Change,Valve 100% open
OXEW1805	11/6/2023 10:23	49.1	38.1	0.2	12.6	-42.77	-42.75	-44.51	118.2	9.1	Valve Adjustment:No Change
OXEW1805	11/27/2023 13:54	45.8	36.9	0.4	16.9	-39.97	-39.39	-45.87	117.6	30.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXEW1806	11/14/2023 10:41	44.0	37.7	0.0	18.3	-0.44	-0.44	-47.15	120.5	14.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1806	11/29/2023 9:48	45.7	38.1	0.1	16.1	-0.35	-0.32	-46.99	119.6	13.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1807	11/13/2023 13:44	53.4	38.7	0.1	7.8	-10.00	-11.32	-43.74	129.1	26.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1807	11/29/2023 12:49	54.0	40.1	0.0	5.9	-14.37	-15.00	-46.34	129.8	30.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1809	11/7/2023 9:06	50.6	39.2	0.3	9.9	-43.09	-43.06	-45.99	112.0	5.7	Valve Adjustment:No Change,Valve 100% open
OXEW1809	11/22/2023 9:37	50.6	38.5	0.1	10.8	-40.89	-40.92	-43.87	111.8	11.2	Valve Adjustment:No Change,Valve 100% open
OXEW1809	11/22/2023 9:50	50.8	38.5	0.1	10.6	-36.70	-36.71	-42.96	111.5	51.4	Valve Adjustment:No Change,Valve 100% open
OXEW1810	11/6/2023 10:32	48.4	34.5	0.0	17.1	-16.34	-16.34	-46.40	64.9	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1810	11/17/2023 12:41	48.8	34.4	0.2	16.6	-16.13	-16.13	-41.24	67.8	1.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1811	11/6/2023 11:39	48.6	35.9	3.3	12.2	-5.34	-5.33	-39.57	65.7	5.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1811	11/28/2023 13:20	51.0	34.7	2.8	11.5	-3.92	-3.92	-43.58	82.0	11.3	Valve Adjustment:No Change,Valve 5% open
OXEW1811	11/28/2023 13:27	50.8	35.3	2.8	11.1	-3.72	-4.84	-44.06	81.6	11.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1812	11/7/2023 10:18	50.0	39.7	0.3	10.0	-18.91	-18.91	-47.57	124.2	28.4	Valve Adjustment:No Change
OXEW1812	11/28/2023 14:01	49.8	35.5	0.4	14.3	-17.43	-17.11	-44.21	124.1	27.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1813	11/13/2023 13:10	56.8	38.5	0.0	4.7	-40.44	-40.23	-40.73	110.3	2.5	Valve Adjustment:No Change,Valve 100% open
OXEW1813	11/29/2023 13:06	57.8	41.4	0.0	0.8	-44.80	-45.77	-45.13	109.6	7.0	Valve Adjustment:No Change,Valve 100% open
OXEW1815	11/3/2023 14:37	51.6	40.2	0.0	8.2	-3.80	-3.80	-43.91	123.7	11.4	Valve Adjustment:No Change,Valve 15% open
OXEW1815	11/29/2023 9:20	53.0	38.6	0.0	8.4	-2.78	-2.86	-47.32	123.1	7.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1816	11/13/2023 14:16	48.6	35.1	0.1	16.2	-23.21	-23.17	-42.08	121.0	94.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW1816	11/29/2023 12:12	45.4	33.6	0.0	21.0	-23.29	-21.85	-42.38	121.7	92.2	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW1817	11/13/2023 8:38	56.5	37.8	0.4	5.3	-41.08	-41.60	-41.45	118.3	13.0	Valve Adjustment:No Change,Valve 100% open
OXEW1817	11/27/2023 11:58	57.9	39.6	0.1	2.4	-42.32	-42.50	-42.45	116.9	11.7	Valve Adjustment:No Change,Valve 100% open
OXEW1821	11/6/2023 10:57	25.9	23.5	0.3	50.3	-0.23	-0.23	-41.19	59.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	11/16/2023 13:17	28.4	23.6	0.0	48.0	-0.14	-0.14	-48.42	60.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	11/6/2023 10:51	16.6	23.2	0.7	59.5	-0.07	-0.07	-40.80	59.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	11/16/2023 13:14	18.4	22.5	0.0	59.1	-0.05	-0.05	-48.64	63.2	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	11/6/2023 10:49	26.6	27.1	0.0	46.3	-0.16	-0.16	-41.37	61.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	11/16/2023 13:25	29.6	27.9	0.0	42.5	-0.03	-0.03	-48.18	58.4	0.0	Valve Adjustment:No Change,Valve at minimum position

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..	Deg. F.	scfm	
OXEW1824	11/6/2023 10:27	53.8	32.8	3.4	10.0	-46.41	-46.41	-46.17	61.1	4.5	Valve Adjustment:No Change,Valve 100% open
OXEW1824	11/17/2023 12:52	46.6	27.9	4.7	20.8	-41.25	-41.21	-41.50	65.3	4.9	Valve Adjustment:No Change,Valve 5% open
OXEW1824	11/17/2023 12:59	52.5	29.7	3.8	14.0	-40.66	-40.64	-40.91	64.6	0.9	Valve Adjustment:No Change,Valve 5% open
OXEW1824	11/17/2023 13:05	49.8	27.8	4.0	18.4	-40.70	-40.70	-41.01	64.6	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1825	11/6/2023 10:38	44.8	35.4	0.0	19.8	-10.31	-10.29	-42.64	63.9	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1825	11/17/2023 12:28	42.3	35.4	0.2	22.1	-8.96	-8.97	-41.67	66.2	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1825	11/17/2023 12:35	42.5	36.1	0.1	21.3	-7.67	-3.75	-40.95	65.6	1.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	11/7/2023 10:34	32.8	34.0	0.2	33.0	-11.10	-8.37	-48.18	71.7	8.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	11/28/2023 14:14	35.2	30.8	0.1	33.9	-13.67	-13.67	-44.84	85.8	7.7	Valve Adjustment:No Change,Valve 5% open
OXEW1826	11/28/2023 14:24	32.8	31.8	0.1	35.3	-14.35	-13.86	-45.42	87.0	10.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	11/13/2023 12:50	60.1	38.2	0.1	1.6	-42.78	-42.78	-42.95	92.7	12.1	Valve Adjustment:No Change,Valve 100% open
OXEW1901	11/29/2023 13:26	60.6	38.3	0.1	1.0	-47.13	-47.02	-47.27	85.1	6.2	Valve Adjustment:No Change,Valve 100% open
OXEW1902	11/13/2023 14:06	48.3	37.1	0.0	14.6	-3.99	-4.01	-42.03	79.0	13.7	Valve Adjustment:No Change,Valve 10% open
OXEW1902	11/29/2023 12:19	45.2	35.4	0.0	19.4	-4.33	-4.06	-43.59	72.7	13.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1904	11/13/2023 13:57	51.9	37.2	0.3	10.6	-20.14	-20.10	-44.20	111.0	4.2	Valve Adjustment:No Change,Valve 55% open
OXEW1904	11/29/2023 12:42	50.6	37.2	0.3	11.9	-20.35	-20.01	-45.00	110.2	43.8	Valve Adjustment:No Change
OXEW1908	11/7/2023 14:03	58.0	38.3	0.1	3.6	-37.80	-37.76	-39.10	103.5	9.2	Valve Adjustment:No Change,Valve 100% open
OXEW1908	11/28/2023 11:00	54.1	39.5	0.0	6.4	-34.37	-34.37	-34.07	104.4	9.0	Valve Adjustment:No Change,Valve 100% open
OXEW1908	11/28/2023 11:08	56.7	41.4	0.0	1.9	-33.17	-33.09	-35.84	104.3	65.7	Valve Adjustment:No Change,Valve 100% open
OXEW1909	11/7/2023 13:57	51.9	37.3	0.1	10.7	-22.39	-22.31	-47.82	101.6	43.6	Valve Adjustment:No Change,Valve 100% open
OXEW1909	11/13/2023 9:57	48.7	38.5	0.1	12.7	-18.91	-19.00	-38.54	102.0	40.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1909	11/21/2023 11:00	51.2	39.4	0.1	9.3	-21.65	-24.04	-45.19	101.2	44.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1910	11/7/2023 14:08	50.8	36.7	0.7	11.8	-1.97	-2.03	-45.34	118.9	39.7	Valve Adjustment:No Change,Valve 15% open
OXEW1910	11/13/2023 9:43	51.9	40.9	0.5	6.7	-1.84	-2.37	-40.06	118.5	33.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1910	11/21/2023 11:14	49.1	38.1	1.0	11.8	-2.75	-3.32	-44.91	118.4	45.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1911	11/6/2023 10:10	57.1	41.2	0.9	0.8	-44.72	-44.69	-45.36	126.8	5.5	Valve Adjustment:No Change,Valve 100% open
OXEW1911	11/27/2023 13:33	57.4	40.7	0.2	1.7	-46.73	-46.73	-47.19	130.1	8.6	Valve Adjustment:No Change,Valve 100% open
OXEW1912	11/7/2023 9:13	53.0	40.6	0.0	6.4	-44.63	-44.61	-48.46	124.0	11.2	Valve Adjustment:No Change,Valve 100% open
OXEW1912	11/22/2023 11:18	52.9	40.3	0.0	6.8	-41.56	-41.50	-44.99	124.0	6.1	Valve Adjustment:No Change,Valve 100% open
OXEW1912	11/22/2023 11:31	52.8	40.6	0.0	6.6	-34.75	-34.73	-45.09	123.2	42.4	Valve Adjustment:No Change,Valve 100% open
OXEW1913	11/7/2023 10:08	45.6	37.4	0.2	16.8	-2.87	-2.50	-48.50	98.0	24.9	Valve Adjustment:Valve at minimum position,Valve 20% open
OXEW1913	11/29/2023 13:58	53.9	38.4	0.1	7.6	-0.06	-0.42	-40.29	95.5	13.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1913	11/29/2023 14:01	54.8	37.5	0.1	7.6	-0.47	-1.20	-38.22	97.1	30.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1914	11/6/2023 12:06	58.2	41.5	0.3	0.0	-40.64	-40.52	-40.29	82.2	4.6	Valve Adjustment:No Change,Valve 100% open
OXEW1914	11/28/2023 12:54	58.3	36.9	0.2	4.6	-44.84	-44.64	-44.53	88.7	6.5	Valve Adjustment:No Change,Valve 100% open
OXEW1915	11/6/2023 10:09	48.7	42.0	0.7	8.6	-3.57	-2.64	-48.28	66.2	9.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1915	11/17/2023 9:19	50.9	39.5	2.5	7.1	-1.54	-1.53	-50.59	64.8	5.9	Valve Adjustment:No Change,Valve at minimum position
OXEW1916	11/6/2023 11:41	51.2	36.6	2.4	9.8	-37.18	-37.18	-41.38	61.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1916	11/20/2023 15:07	56.1	37.6	1.2	5.1	-35.59	-42.76	-43.51	72.3	0.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1916	11/21/2023 9:35	55.7	38.6	0.3	5.4	-47.85	-47.73	-47.81	66.2	0.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1917	11/6/2023 11:46	50.2	38.0	0.1	11.7	-40.87	-40.85	-41.49	74.1	5.0	Valve Adjustment:No Change,Valve 40% open
OXEW1917	11/21/2023 8:41	47.3	38.4	0.0	14.3	-47.12	-46.73	-47.92	72.3	5.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1919	11/6/2023 10:54	49.4	38.9	0.0	11.7	-2.66	-2.62	-40.63	66.1	3.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	11/16/2023 13:22	52.3	36.0	0.0	11.7	-1.50	-5.48	-48.70	64.5	1.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1920	11/6/2023 11:00	28.7	27.2	0.1	44.0	-0.08	-0.09	-40.68	58.9	1.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	11/29/2023 12:13	29.0	25.6	0.2	45.2	-0.05	-0.07	-46.75	71.4	1.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	11/6/2023 9:48	49.1	40.2	0.1	10.6	-38.80	-38.81	-46.68	104.0	19.9	Valve Adjustment:No Change,Valve 40% open
OXEW1921	11/20/2023 14:45	50.7	41.7	0.1	7.5	-33.99	-34.36	-42.55	105.4	21.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2001	11/6/2023 16:02	41.4	38.1	0.0	20.5	-2.01	-1.92	-46.87	120.1	12.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2001	11/21/2023 8:08	30.7	34.0	0.0	35.3	-3.12	-2.69	-48.22	120.5	12.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2002	11/6/2023 8:50	51.9	41.6	0.0	6.5	-17.37	-17.36	-48.16	123.2	14.5	Valve Adjustment:No Change,Valve 20% open
OXEW2002	11/16/2023 8:55	52.0	41.9	0.0	6.1	-17.88	-17.95	-51.33	123.9	14.2	Valve Adjustment:No Change,Valve 20% open
OXEW2002	11/16/2023 9:19	52.0	42.3	0.0	5.7	-18.25	-20.67	-51.36	124.2	18.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2003	11/6/2023 9:16	54.8	44.0	1.2	0.0	-48.29	-48.22	-48.21	107.8	12.1	Valve Adjustment:No Change,Valve 100% open
OXEW2003	11/16/2023 10:15	55.3	44.6	0.1	0.0	-50.90	-50.69	-50.98	110.6	8.4	Valve Adjustment:No Change,Valve 100% open
OXEW2003	11/16/2023 10:48	53.4	42.6	0.1	3.9	-50.73	-50.61	-50.89	109.5	6.1	Valve Adjustment:No Change,Valve 100% open
OXEW2004	11/6/2023 9:32	48.4	42.8	0.0	8.8	-46.48	-46.44	-48.27	124.7	59.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW2004	11/16/2023 10:59	48.4	43.1	0.0	8.5	-43.22	-42.43	-51.63	125.3	64.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXEW2005	11/6/2023 9:44	47.0	40.3	0.0	12.7	-6.90	-6.87	-46.66	121.3	18.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2005	11/20/2023 14:40	50.0	40.4	0.1	9.5	-4.78	-4.77	-42.01	122.5	17.2	Valve Adjustment:No Change,Valve 20% open
OXEW2007	11/6/2023 11:07	57.0	39.9	0.0	3.1	-40.13	-40.15	-40.43	93.0	13.0	Valve Adjustment:No Change,Valve 100% open
OXEW2007	11/17/2023 13:39	57.0	35.9	0.2	6.9	-40.55	-40.55	-40.67	95.3	15.0	Valve Adjustment:No Change,Valve 100% open
OXEW2008	11/6/2023 11:13	54.2	30.5	0.0	15.3	-40.57	-40.67	-40.71	62.1	6.6	Valve Adjustment:No Change,Valve 100% open
OXEW2008	11/20/2023 14:23	55.3	32.2	0.1	12.4	-42.26	-42.13	-42.08	73.1	6.3	Valve Adjustment:No Change,Valve 100% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2008	11/20/2023 14:34	56.3	29.3	0.1	14.3	-41.41	-41.45	-41.47	72.1	3.9	Valve Adjustment:No Change,Valve 100% open
OXEW2009	11/3/2023 10:43	61.9	37.4	0.4	0.3	-48.51	-48.35	-48.66	92.7	14.0	Valve Adjustment:No Change,Valve 100% open
OXEW2009	11/13/2023 14:53	57.8	36.2	0.6	5.4	-48.46	-48.62	-48.55	86.4	18.8	Valve Adjustment:No Change,Valve 100% open
OXEW2009	11/29/2023 7:41	55.4	36.6	1.7	6.3	-46.64	-46.48	-46.94	79.8	16.8	Valve Adjustment:No Change,Valve 100% open
OXEW2010	11/6/2023 16:12	44.7	36.6	0.4	18.3	-12.97	-11.11	-46.90	73.3	4.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2010	11/21/2023 9:08	54.6	39.0	0.4	6.0	-11.34	-46.13	-48.01	71.1	3.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2011	11/6/2023 15:36	54.6	40.6	0.0	4.8	-3.90	-6.29	-43.40	111.7	12.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2011	11/20/2023 15:22	46.8	38.4	0.0	14.8	-8.53	-8.32	-42.40	112.8	14.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2012	11/6/2023 9:01	48.9	40.9	0.0	10.2	-42.28	-42.29	-49.17	109.3	33.0	Valve Adjustment:No Change,Valve 70% open
OXEW2012	11/16/2023 9:31	49.3	41.3	0.0	9.4	-44.35	-44.47	-51.78	109.3	33.3	Valve Adjustment:No Change,Valve 70% open
OXEW2012	11/16/2023 9:53	48.3	42.1	0.0	9.6	-41.86	-36.60	-52.12	109.5	36.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2012	11/16/2023 9:54	48.7	40.8	0.0	10.5	-35.48	-35.49	-52.12	109.2	27.6	Valve Adjustment:No Change,Valve 40% open
OXEW2016	11/13/2023 12:35	59.0	38.8	0.0	2.2	-27.68	-27.72	-39.38	130.3	22.2	Valve Adjustment:No Change,Valve 35% open
OXEW2016	11/27/2023 9:51	58.2	39.1	0.1	2.6	-33.42	-28.60	-45.76	130.9	22.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 20% open
OXEW2016	11/27/2023 9:51	58.2	41.5	0.3	0.0	-27.80	-27.61	-45.85	130.4	16.1	Valve Adjustment:No Change
OXEW2017	11/7/2023 9:22	57.8	42.2	0.0	0.0	-2.52	-4.51	-41.22	128.7	22.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2017	11/27/2023 9:26	59.2	39.1	0.2	1.5	-4.70	-7.63	-46.37	127.8	29.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2020	11/3/2023 14:40	51.3	39.7	0.1	8.9	-31.74	-31.74	-43.85	130.3	7.7	Valve Adjustment:No Change,Valve 40% open
OXEW2020	11/29/2023 9:25	48.1	37.9	0.1	13.9	-33.01	-32.36	-47.26	130.2	32.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2021	11/14/2023 10:23	40.4	30.8	4.9	23.9	-7.85	-4.71	-48.71	96.8	11.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2021	11/29/2023 9:08	43.2	30.7	4.4	21.7	-1.05	-0.64	-46.16	73.9	0.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2022	11/13/2023 13:39	54.0	38.7	0.2	7.1	-41.93	-41.89	-43.30	123.5	6.5	Valve Adjustment:No Change,Valve 100% open
OXEW2022	11/28/2023 15:20	53.7	38.8	0.3	7.2	-45.10	-45.12	-46.27	123.1	6.6	Valve Adjustment:No Change,Valve 100% open
OXEW2022	11/28/2023 15:26	53.9	38.3	0.3	7.5	-44.02	-44.04	-46.31	123.4	33.0	Valve Adjustment:No Change,Valve 100% open
OXEW2023	11/13/2023 8:47	58.4	40.2	0.1	1.3	-41.58	-40.91	-41.73	124.6	6.7	Valve Adjustment:No Change,Valve 100% open
OXEW2023	11/21/2023 15:02	58.5	41.4	0.1	0.0	-36.95	-36.91	-37.30	124.0	11.1	Valve Adjustment:No Change,Valve 100% open
OXEW2023	11/21/2023 15:06	58.9	41.1	0.0	0.0	-34.85	-34.84	-37.65	123.7	32.8	Valve Adjustment:No Change,Valve 100% open
OXEW2024	11/13/2023 10:31	46.4	39.7	0.6	13.3	-26.24	-26.22	-39.67	126.1	55.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXEW2024	11/27/2023 12:14	46.8	38.2	0.4	14.6	-26.77	-24.49	-44.62	126.9	53.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2026	11/13/2023 8:30	57.9	38.8	0.1	3.2	-43.89	-43.71	-43.99	65.7	10.9	Valve Adjustment:No Change,Valve 100% open
OXEW2026	11/28/2023 9:54	57.2	39.5	0.0	3.3	-42.63	-42.68	-42.65	70.6	5.8	Valve Adjustment:No Change,Valve 100% open
OXEW2027	11/13/2023 12:06	54.3	30.8	1.1	13.8	-35.66	-36.25	-35.99	68.7	0.8	Valve Adjustment:No Change,Valve 100% open



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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2027	11/29/2023 14:23	55.4	33.4	0.5	10.7	-32.50	-32.45	-32.62	62.9	0.5	Valve Adjustment:No Change,Valve 100% open
OXEW2028	11/13/2023 8:24	51.4	38.1	2.0	8.5	-43.63	-43.61	-43.46	62.0	6.8	Valve Adjustment:No Change,Valve 100% open
OXEW2028	11/28/2023 9:48	52.0	37.5	1.9	8.6	-42.24	-42.24	-42.57	65.5	7.0	Valve Adjustment:No Change,Valve 100% open
OXEW2029	11/13/2023 13:35	49.1	37.9	0.1	12.9	-6.43	-6.46	-42.41	123.2	18.2	Valve Adjustment:No Change,Valve 45% open
OXEW2029	11/28/2023 15:06	47.2	36.7	0.0	16.1	-8.62	-8.59	-45.69	122.4	23.8	Valve Adjustment:No Change,Valve 40% open
OXEW2029	11/28/2023 15:12	46.5	35.3	0.0	18.2	-8.05	-6.29	-46.24	122.4	63.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2029	11/28/2023 15:14	47.5	38.0	0.0	14.5	-5.82	-5.74	-46.56	122.2	38.0	Valve Adjustment:No Change
OXEW2030	11/13/2023 11:19	54.3	40.4	0.2	5.1	-34.13	-34.13	-34.44	123.3	7.2	Valve Adjustment:No Change,Valve 100% open
OXEW2030	11/21/2023 14:41	55.5	39.5	0.2	4.8	-33.10	-33.10	-33.63	121.8	4.4	Valve Adjustment:No Change,Valve 100% open
OXEW2030	11/21/2023 14:51	49.6	36.5	3.4	10.5	-21.75	-21.00	-34.27	120.3	11.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2030	11/21/2023 14:53	56.0	39.1	0.2	4.7	-20.78	-20.69	-34.25	120.4	10.8	Valve Adjustment:No Change,Valve 40% open
OXEW2031	11/13/2023 12:45	54.9	38.5	0.0	6.6	-37.58	-37.72	-38.17	126.6	11.5	Valve Adjustment:No Change,Valve 100% open
OXEW2031	11/27/2023 14:32	53.8	38.4	0.0	7.8	-45.80	-45.79	-46.13	126.5	20.5	Valve Adjustment:No Change,Valve 100% open
OXEW2101	11/13/2023 15:43	48.4	38.9	0.0	12.7	-0.85	-0.85	-47.04	124.8	19.1	Valve Adjustment:No Change
OXEW2101	11/29/2023 9:55	47.7	39.3	0.0	13.0	-1.23	-1.14	-47.25	123.4	19.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2102	11/13/2023 10:42	56.6	41.5	0.0	1.9	-33.45	-33.45	-34.04	89.0	17.8	Valve Adjustment:No Change,Valve 100% open
OXEW2102	11/28/2023 10:34	56.6	39.3	0.0	4.1	-34.76	-34.74	-35.98	84.2	19.3	Valve Adjustment:No Change,Valve 100% open
OXEW2103	11/13/2023 10:36	49.3	38.0	2.4	10.3	-9.15	-9.53	-39.08	105.3	49.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2103	11/28/2023 10:03	49.2	36.1	2.6	12.1	-10.69	-10.71	-43.05	105.6	55.3	Valve Adjustment:No Change,Valve 45% open
OXEW2103	11/28/2023 10:16	49.4	36.8	2.6	11.2	-10.88	-10.73	-42.16	105.7	50.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXEW2104	11/13/2023 8:16	55.8	36.9	0.2	7.1	-42.71	-42.53	-43.78	113.8	16.4	Valve Adjustment:No Change,Valve 100% open
OXEW2104	11/27/2023 11:38	59.2	40.7	0.1	0.0	-42.70	-42.79	-44.70	114.6	7.2	Valve Adjustment:No Change,Valve 100% open
OXEW2105	11/7/2023 14:01	60.1	39.3	0.0	0.6	-38.61	-38.61	-38.51	103.4	8.8	Valve Adjustment:No Change,Valve 100% open
OXEW2105	11/21/2023 11:04	57.1	39.8	0.0	3.1	-36.88	-36.86	-37.04	101.7	5.9	Valve Adjustment:No Change,Valve 100% open
OXEW2105	11/21/2023 11:09	59.0	41.0	0.0	0.0	-36.85	-36.79	-37.22	100.9	5.6	Valve Adjustment:No Change,Valve 100% open
OXEW2106	11/7/2023 9:10	57.9	41.3	0.0	0.8	-46.48	-46.45	-46.51	116.2	5.5	Valve Adjustment:No Change,Valve 100% open
OXEW2106	11/22/2023 10:57	57.9	40.0	0.2	1.9	-44.18	-44.15	-44.36	115.1	1.5	Valve Adjustment:No Change,Valve 100% open
OXEW2106	11/22/2023 11:07	58.4	41.5	0.1	0.0	-43.06	-43.20	-43.59	114.0	13.0	Valve Adjustment:No Change,Valve 100% open
OXEW2107	11/6/2023 16:06	54.8	42.6	0.0	2.6	-43.38	-43.45	-43.70	117.4	13.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2107	11/21/2023 8:14	49.0	42.1	0.0	8.9	-45.59	-45.37	-45.27	116.7	6.2	Valve Adjustment:No Change,Valve 100% open
OXEW2108	11/6/2023 8:56	52.3	42.1	0.0	5.6	-11.51	-11.57	-48.43	126.8	23.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2108	11/16/2023 8:28	52.1	40.5	0.0	7.4	-12.62	-13.87	-51.26	127.0	25.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open

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..	Deg. F.	scfm	
OXEW2109	11/6/2023 15:48	52.4	40.0	0.2	7.4	-0.65	-0.76	-49.52	60.6	4.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	11/21/2023 7:55	30.8	35.2	0.0	34.0	-11.27	-8.66	-49.86	75.1	3.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2110	11/13/2023 11:13	54.7	40.5	0.1	4.7	-37.22	-37.32	-37.32	99.1	7.3	Valve Adjustment:No Change,Valve 100% open
OXEW2110	11/21/2023 14:29	57.0	40.8	0.2	2.0	-36.87	-36.91	-36.72	95.0	8.7	Valve Adjustment:No Change,Valve 100% open
OXEW2110	11/21/2023 14:33	59.3	39.4	0.1	1.2	-36.18	-36.17	-36.60	94.8	18.8	Valve Adjustment:No Change,Valve 100% open
OXEW2111	11/7/2023 13:52	54.1	37.9	0.0	8.0	-13.59	-13.66	-48.11	106.3	149.0	Valve Adjustment:No Change,Valve 100% open
OXEW2111	11/21/2023 10:54	53.3	38.3	0.0	8.4	-13.26	-13.28	-46.16	106.6	146.3	Valve Adjustment:No Change,Valve 100% open
OXEW2112	11/7/2023 13:34	55.7	35.0	0.3	9.0	-47.69	-47.87	-48.69	108.4	87.9	Valve Adjustment:No Change,Valve 100% open
OXEW2112	11/13/2023 9:34	52.4	39.4	0.1	8.1	-45.46	-44.99	-46.08	108.6	48.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2112	11/21/2023 10:46	53.2	39.7	0.1	7.0	-47.16	-47.16	-47.81	108.3	45.5	Valve Adjustment:No Change,Valve 100% open
OXEW2113	11/7/2023 14:16	53.3	37.5	0.0	9.2	-45.60	-45.60	-47.07	122.4	33.4	Valve Adjustment:No Change,Valve 100% open
OXEW2113	11/13/2023 9:26	51.8	40.1	0.0	8.1	-42.95	-43.00	-44.70	122.3	33.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2113	11/21/2023 12:02	53.3	36.8	0.2	9.7	-44.24	-44.30	-46.23	121.5	35.0	Valve Adjustment:No Change,Valve 100% open
OXEW2207	11/13/2023 10:48	53.5	41.4	0.0	5.1	-32.08	-32.05	-33.90	120.8	77.6	Valve Adjustment:No Change,Valve 100% open
OXEW2207	11/28/2023 10:53	54.6	41.0	0.0	4.4	-33.29	-33.29	-35.28	121.1	79.1	Valve Adjustment:No Change,Valve 100% open
OXEW2208	11/7/2023 14:11	51.5	37.9	0.3	10.3	-2.04	-2.05	-46.10	124.0	31.1	Valve Adjustment:No Change,Valve 20% open
OXEW2208	11/13/2023 9:40	51.8	42.7	0.2	5.3	-1.92	-2.15	-40.82	123.8	27.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2208	11/21/2023 12:13	51.4	37.4	0.3	10.9	-3.00	-3.91	-43.30	123.2	40.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2209	11/13/2023 10:39	53.8	41.5	0.0	4.7	-36.90	-37.26	-37.04	99.1	6.2	Valve Adjustment:No Change,Valve 100% open
OXEW2209	11/28/2023 10:23	55.5	39.1	0.0	5.4	-39.95	-40.06	-40.42	97.5	8.3	Valve Adjustment:No Change,Valve 100% open
OXEW2209	11/28/2023 10:28	56.5	39.2	0.0	4.3	-39.56	-39.51	-40.37	97.2	42.8	Valve Adjustment:No Change,Valve 100% open
OXEW2210	11/13/2023 14:04	53.7	37.2	0.6	8.5	-16.80	-19.52	-42.13	103.1	11.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2210	11/29/2023 12:22	52.0	38.2	0.5	9.3	-22.50	-22.37	-42.98	104.7	9.9	Valve Adjustment:No Change
OXEW2211	11/13/2023 8:43	57.6	39.5	0.1	2.8	-38.95	-38.95	-39.73	123.6	13.6	Valve Adjustment:No Change,Valve 100% open
OXEW2211	11/21/2023 15:12	58.2	39.3	0.1	2.4	-38.31	-38.27	-38.74	123.5	9.0	Valve Adjustment:No Change,Valve 100% open
OXEW2211	11/21/2023 15:21	59.7	39.6	0.1	0.6	-37.75	-37.79	-39.53	123.0	54.1	Valve Adjustment:No Change,Valve 100% open
OXEW2212	11/13/2023 8:07	49.9	40.2	0.0	9.9	-2.14	-2.42	-43.73	108.3	28.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2212	11/27/2023 11:45	49.3	38.3	0.0	12.4	-2.49	-2.49	-44.95	109.3	33.1	Valve Adjustment:No Change,Valve 15% open
OXEW2212	11/27/2023 11:53	48.6	39.0	0.0	12.4	-2.44	-2.32	-45.10	108.4	33.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2213	11/13/2023 8:20	58.6	38.8	0.0	2.6	-40.97	-40.99	-42.67	110.0	18.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2213	11/28/2023 9:40	58.8	38.6	0.1	2.5	-40.09	-40.13	-42.04	110.3	3.9	Valve Adjustment:No Change,Valve 100% open
OXEW2214	11/13/2023 14:33	51.5	33.9	1.1	13.5	-0.51	-1.01	-48.01	96.2	1.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open

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..	Deg. F.	scfm	
OXEW2214	11/22/2023 9:16	48.9	35.8	1.6	13.7	-0.84	-0.86	-45.76	102.4	21.7	Valve Adjustment:No Change,Valve 15% open
OXEWHC6A**	11/3/2023 9:26	56.4	43.2	0.0	0.4	-0.17	-0.21	-50.01	67.6	1.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEWHC6A**	11/17/2023 9:05	55.7	44.2	0.1	0.0	-0.72	-0.72	-50.59	65.7	0.5	Valve Adjustment:No Change,Valve at minimum position
OXHC1922	11/7/2023 14:13	51.5	37.4	0.1	11.0	-1.63	-1.61	-46.40	72.4	30.6	Valve Adjustment:No Change,Valve 40% open
OXHC1922	11/13/2023 9:29	49.3	37.4	0.1	13.2	-1.52	-1.76	-44.04	73.8	27.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXHC1922	11/21/2023 12:06	52.6	36.7	0.1	10.6	-2.02	-2.64	-43.88	69.1	32.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC2000	11/13/2023 15:26	55.4	34.3	0.6	9.7	-35.60	-34.76	-46.78	80.4	18.0	Valve Adjustment:No Change,Valve 100% open
OXHC2000	11/27/2023 11:23	58.5	39.9	0.3	1.3	-42.69	-42.64	-47.73	75.7	8.6	Valve Adjustment:No Change,Valve 100% open
OXHC2001	11/13/2023 15:22	58.5	36.6	0.1	4.8	-40.73	-41.28	-46.42	72.5	12.3	Valve Adjustment:No Change,Valve 100% open
OXHC2001	11/27/2023 11:26	58.1	37.7	0.5	3.7	-35.24	-35.45	-47.23	83.1	6.7	Valve Adjustment:No Change,Valve 100% open
OXHC2014	11/7/2023 13:42	54.8	38.1	0.0	7.1	-7.23	-8.38	-46.37	94.5	19.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXHC2014	11/21/2023 10:33	53.9	40.1	0.0	6.0	-6.99	-6.90	-47.86	93.0	73.5	Valve Adjustment:No Change,Valve 65% open
OXHC2015	11/6/2023 7:44	56.6	38.7	0.0	4.7	-4.83	-6.73	-51.31	59.3	50.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC2015	11/16/2023 11:58	56.0	39.4	0.1	4.5	-6.50	-6.87	-55.67	69.3	56.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC2015	11/16/2023 12:13	58.8	39.7	0.0	1.5	-3.98	-3.98	-53.66	69.4	12.8	Valve Adjustment:No Change,Valve 40% open
OXHC2015	11/16/2023 12:59	56.6	39.6	0.0	3.8	-9.92	-7.88	-63.21	69.7	92.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXHC2015	11/16/2023 13:00	57.0	37.5	0.0	5.5	-9.88	-9.72	-57.58	69.9	64.1	Valve Adjustment:No Change,Valve 40% open
OXHC2101	11/13/2023 14:51	28.6	23.1	8.2	40.1	-0.04	-0.04	-40.59	100.3	8.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXHC2101	11/13/2023 14:54	27.5	23.0	8.3	41.2	-0.03	-0.03	-40.49	94.7	8.7	Valve Adjustment:No Change
OXHC2101	11/21/2023 13:50	29.9	26.4	7.0	36.7	-0.04	-0.03	-35.88	100.0	6.9	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position
OXHC2101	11/21/2023 14:04	26.9	24.5	7.7	40.9	-0.42	-0.37	-23.92	105.8	17.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXLCR13B	11/6/2023 7:49	56.2	41.0	0.0	2.8	-1.63	-1.70	-50.61	58.0	41.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXLCR13B	11/16/2023 12:08	56.1	39.1	0.0	4.8	-2.30	-2.34	-56.40	72.3	45.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
<b>OXLCR4A1</b>	11/6/2023 7:52	52.0	39.2	0.0	8.8	-22.89	-23.05	-51.41	61.9	11.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
<b>OXLCR4A1</b>	11/16/2023 12:50	46.8	36.8	0.1	16.3	-27.66	-26.34	-53.28	67.5	66.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
<b>OXLCR4B1</b>	11/14/2023 12:52	47.4	35.9	1.2	15.5	-1.84	-1.57	-46.78	77.1	11.5	Valve Adjustment:No Change,Valve at minimum position
<b>OXLCR4B1</b>	11/14/2023 12:55	47.9	35.9	1.1	15.1	-1.99	-1.90	-46.69	76.4	11.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
<b>OXLCR4B1</b>	11/14/2023 15:06	47.0	34.5	1.1	17.4	-2.55	-2.30	-51.13	68.9	12.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
<b>OXLCR4B1</b>	11/16/2023 12:28	43.6	35.7	1.1	19.6	-2.65	-2.27	-53.42	66.3	12.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OXLCR4B1</b>	11/16/2023 12:30	42.0	33.5	2.3	22.2	-2.07	-2.13	-53.18	66.3	4.5	Valve Adjustment:No Change,Valve at minimum position
<b>OXLCRS07</b>	11/3/2023 8:59	43.9	30.2	11.3	14.6	-7.45	-7.70	-48.07	84.2	9.8	Valve Adjustment:No Change,Valve 10% open
<b>OXLCRS07</b>	11/22/2023 9:11	34.9	30.5	9.0	25.6	-10.41	-10.01	-47.05	87.0	8.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open

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..	Deg. F.	scfm	
OXLCRS10	11/13/2023 15:02	56.3	37.3	0.5	5.9	-32.59	-32.29	-39.02	90.3	141.4	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	11/21/2023 13:59	58.0	38.4	0.5	3.1	-27.90	-28.51	-34.74	90.5	151.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	11/27/2023 11:13	55.2	36.4	0.5	7.9	-34.21	-34.23	-40.22	90.5	140.7	Valve Adjustment:No Change,Valve 100% open
OXLCRS11	11/13/2023 14:59	55.3	37.6	0.3	6.8	-4.86	-5.32	-52.54	88.7	128.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXLCRS11	11/13/2023 15:01	56.7	36.3	0.4	6.6	-5.30	-6.00	-45.27	88.4	133.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXLCRS11	11/21/2023 13:56	42.4	33.4	3.2	21.0	-6.04	-5.11	-41.79	87.8	136.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 65% open
OXLCRS11	11/27/2023 11:11	47.6	34.6	2.3	15.5	-4.34	-4.09	-47.85	89.8	114.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXLCRS12	11/13/2023 15:08	56.4	35.1	0.2	8.3	-13.45	-13.32	-38.06	74.9	109.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	11/21/2023 14:09	51.7	42.8	1.1	4.4	-11.59	-11.60	-34.47	75.9	107.4	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	11/13/2023 13:41	1.6	4.2	20.9	73.3	-0.02	-0.02	-43.14	67.2	9.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3A	11/13/2023 13:42	1.3	3.5	21.0	74.2	-0.01	-0.01	-43.11	68.4	13.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3A	11/21/2023 13:03	0.0	0.0	21.0	79.0	-5.80	-4.27	-47.16	64.2	2.5	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3A	11/21/2023 13:04	0.0	0.0	21.0	79.0	-5.46	-5.46	-47.20	64.4	0.8	Valve Adjustment:NSPS,No Change
OXLCRS3B	11/13/2023 13:38	2.3	7.5	20.4	69.8	-0.02	-0.02	-43.45	76.5	20.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3B	11/13/2023 13:39	2.0	5.6	20.5	71.9	-0.04	-0.02	-43.78	76.8	18.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3B	11/21/2023 12:57	0.0	0.0	20.9	79.1	-0.04	-0.04	-46.88	66.3	1.4	Valve Adjustment:NSPS/CAI,Valve at minimum position
OXLCRS3B	11/21/2023 13:00	0.0	0.0	20.9	79.1	-29.55	-33.24	-46.93	67.3	5.9	Valve Adjustment:NSPS,No Change
OXLCRS7B	11/13/2023 14:38	7.8	11.5	19.1	61.6	-2.12	-1.72	-47.63	60.2	0.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXLCRS7B	11/13/2023 14:40	0.3	1.2	21.0	77.5	-1.27	-1.96	-47.79	61.2	0.5	Valve Adjustment:No Change,Valve at minimum position
OXLCRS7B	11/15/2023 8:31	7.2	7.1	17.2	68.5	-1.52	-1.15	-45.41	60.0	1.1	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position
OXLCRS7B	11/15/2023 8:41	6.9	6.6	17.3	69.2	-10.71	-10.12	-45.48	71.2	4.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS7B	11/22/2023 9:06	46.9	38.5	2.0	12.6	-10.01	-9.76	-47.41	78.9	1.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS8A	11/6/2023 7:56	54.6	39.1	1.2	5.1	-0.11	-0.13	-50.23	57.6	9.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS8A	11/16/2023 12:05	56.2	36.4	0.8	6.6	-1.03	-1.04	-53.83	71.2	10.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXLCRS9A	11/7/2023 13:44	54.7	38.4	2.4	4.5	-0.46	-0.48	-48.73	89.2	3.6	Valve Adjustment:No Change,Valve 15% open
OXLCRS9A	11/21/2023 10:27	30.1	29.4	7.6	32.9	-4.71	-3.91	-48.34	89.4	22.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 15% open
OXLCRS9A	11/21/2023 10:38	34.9	31.8	6.8	26.5	-8.56	-6.23	-48.16	89.9	36.2	Valve Adjustment:NSPS,Valve 20% open
OXLCRS9B	11/7/2023 13:46	58.5	39.4	0.1	2.0	-0.26	-1.63	-48.61	75.9	4.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS9B	11/21/2023 10:30	43.9	36.4	3.1	16.6	-5.12	-5.05	-48.12	78.4	6.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXME302D	11/3/2023 14:30	56.2	29.3	0.1	14.4	-41.49	-41.52	-43.62	118.8	29.0	Valve Adjustment:No Change,Valve 100% open
OXME302D	11/29/2023 9:11	58.1	38.0	0.1	3.8	-44.98	-45.00	-47.04	118.5	32.6	Valve Adjustment:No Change,Valve 100% open
OXME306D	11/3/2023 14:09	44.5	35.5	0.1	19.9	-2.52	-2.46	-43.99	121.8	2.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open

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..	Deg. F.	scfm	
OXME306D	11/29/2023 11:02	43.1	34.9	0.0	22.0	-2.44	-1.65	-48.32	121.9	6.4	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	11/13/2023 13:20	36.5	33.0	0.1	30.4	-2.79	-2.79	-40.94	107.3	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	11/28/2023 14:53	26.8	30.6	0.0	42.6	-2.76	-2.71	-45.34	105.7	54.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	11/6/2023 11:53	58.9	41.0	0.1	0.0	-35.43	-35.35	-37.28	127.5	20.9	Valve Adjustment:No Change,Valve 100% open
OXME316D	11/28/2023 13:12	59.9	38.5	0.1	1.5	-38.59	-38.50	-40.39	127.0	34.7	Valve Adjustment:No Change,Valve 100% open
OXME317D	11/6/2023 11:44	58.4	41.5	0.1	0.0	-38.21	-37.95	-38.25	72.2	5.9	Valve Adjustment:No Change,Valve 100% open
OXME317D	11/28/2023 13:17	59.2	38.7	0.3	1.8	-41.97	-42.00	-42.29	75.9	2.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	11/11/2023 10:00	32.5	30.0	7.8	29.7	-4.73	-4.99	-45.21	81.8	0.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXMEW113	11/11/2023 10:05	35.3	32.7	6.5	25.5	-5.26	-4.99	-45.46	80.7	0.0	Valve Adjustment:NSPS,No Change
OXMEW113	11/21/2023 12:23	51.8	39.2	0.6	8.4	-8.61	-7.69	-46.61	73.7	44.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	11/21/2023 12:27	49.4	38.7	1.4	10.5	-12.48	-12.65	-47.07	76.4	162.1	Valve Adjustment:No Change
OXMEW122	11/14/2023 9:35	56.2	34.0	0.6	9.2	-48.20	-48.19	-48.22	63.9	4.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	11/29/2023 15:38	58.0	33.0	0.8	8.2	-46.87	-46.69	-46.78	72.7	5.5	Valve Adjustment:No Change
OXMEW126	11/11/2023 8:49	54.3	38.2	0.1	7.4	-45.09	-45.10	-45.48	65.2	10.6	Valve Adjustment:No Change,Valve 100% open
OXMEW126	11/29/2023 9:00	57.7	42.1	0.2	0.0	-45.85	-45.91	-45.76	60.6	0.5	Valve Adjustment:No Change,Valve 100% open
OXMEW138	11/13/2023 13:47	55.8	38.5	0.0	5.7	-0.22	-0.69	-44.51	79.2	3.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW138	11/21/2023 13:09	48.2	38.0	1.5	12.3	-0.63	-0.63	-46.74	77.1	1.2	Valve Adjustment:No Change
OXMEW145	11/11/2023 9:20	56.9	43.0	0.1	0.0	-45.56	-45.64	-45.50	86.7	1.4	Valve Adjustment:No Change,Valve 100% open
OXMEW145	11/29/2023 9:25	57.7	37.7	0.5	4.1	-46.80	N/A	-46.86	75.2	1.6	Valve Adjustment:No Change,Valve 100% open
OXMEW145	11/29/2023 9:47	57.2	41.0	0.1	1.7	-46.83	-46.89	-46.94	78.8	3.6	Valve Adjustment:No Change,Valve 100% open
OXMEW156	11/3/2023 9:21	56.2	42.8	0.0	1.0	-0.07	-0.16	-50.78	66.1	0.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW156	11/3/2023 9:25	56.9	43.0	0.0	0.1	-2.24	-5.31	-49.95	66.5	3.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW156	11/17/2023 9:33	23.3	21.8	10.9	44.0	-5.42	-2.93	-50.52	66.0	7.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW156	11/17/2023 13:48	58.8	38.0	2.0	1.2	-2.25	-4.37	-42.85	65.2	3.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW158	11/11/2023 8:36	54.4	39.6	0.0	6.0	-45.06	-45.07	-45.32	68.0	2.2	Valve Adjustment:No Change,Valve 100% open
OXMEW158	11/29/2023 8:42	52.1	39.9	0.0	8.0	-45.51	-45.49	-45.80	65.3	2.9	Valve Adjustment:No Change,Valve 100% open
OXMEW159	11/11/2023 8:42	55.5	39.7	0.0	4.8	-44.85	-45.08	-45.13	69.0	7.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW159	11/29/2023 8:45	55.2	38.6	0.0	6.2	-45.42	-45.42	-45.80	67.4	7.3	Valve Adjustment:No Change,Valve 100% open
OXMEW159	11/29/2023 8:48	55.0	39.2	0.0	5.8	-41.41	-41.41	-45.81	66.7	6.6	Valve Adjustment:No Change,Valve 100% open
OXMEW162	11/13/2023 14:07	60.6	34.1	0.3	5.0	-46.59	-46.60	-46.47	73.0	9.9	Valve Adjustment:No Change,Valve 100% open
OXMEW162	11/21/2023 13:26	50.0	31.7	2.5	15.8	-46.45	-46.45	-46.35	72.1	0.0	Valve Adjustment:No Change
OXMEW170	11/6/2023 10:20	43.0	29.8	1.8	25.4	-6.23	-6.20	-46.13	59.7	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

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..	Deg. F.	scfm	
OXMEW170	11/17/2023 13:22	32.3	24.7	1.8	41.2	-38.48	-39.54	-40.74	65.3	2.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXMEW173	11/6/2023 9:58	27.9	34.5	0.0	37.6	-3.81	-3.57	-47.69	87.9	39.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	11/20/2023 14:10	45.9	40.7	0.0	13.4	-1.60	-1.59	-45.19	76.8	34.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW174	11/3/2023 9:15	50.1	39.0	1.4	9.5	-2.96	-2.96	-50.37	68.9	5.7	Valve Adjustment:No Change,Valve at minimum position
OXMEW174	11/17/2023 8:58	48.6	38.0	1.9	11.5	-2.73	-2.72	-51.58	64.7	6.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	11/6/2023 10:06	50.5	41.7	0.0	7.8	-5.61	-5.62	-48.46	71.5	4.2	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	11/17/2023 9:11	56.1	40.7	0.0	3.2	-4.80	-11.21	-51.47	71.8	4.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW175	11/17/2023 9:15	56.2	40.8	0.0	3.0	-11.75	-13.30	-50.74	74.2	13.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW181	11/7/2023 10:14	55.0	42.2	1.1	1.7	-45.22	-45.66	-48.36	111.2	47.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	11/28/2023 14:06	49.7	36.3	0.7	13.3	-37.07	-37.19	-43.53	113.0	85.4	Valve Adjustment:No Change
OXMEW182	11/6/2023 11:28	46.7	35.2	2.5	15.6	-37.14	-36.70	-39.92	118.9	13.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW182	11/28/2023 13:49	52.8	36.3	0.1	10.8	-38.05	-38.15	-43.91	118.5	57.9	Valve Adjustment:No Change,Valve 100% open
OXMEW183	11/13/2023 15:35	47.3	39.6	0.0	13.1	-6.99	-6.66	-44.98	115.7	45.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW183	11/29/2023 10:33	51.1	39.9	0.0	9.0	-15.90	-16.40	-45.95	115.5	209.8	Valve Adjustment:No Change
OXMEW184	11/13/2023 15:30	48.2	39.1	0.1	12.6	-0.89	-0.85	-45.59	122.6	35.4	Valve Adjustment:No Change
OXMEW184	11/29/2023 10:28	52.6	40.2	0.0	7.2	-0.80	-1.12	-46.89	123.0	36.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	11/13/2023 15:27	41.1	35.7	0.9	22.3	-0.75	-0.70	-46.15	106.4	18.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	11/29/2023 10:22	52.6	39.6	0.5	7.3	-0.11	-0.17	-46.08	94.3	29.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW186	11/13/2023 13:28	47.5	38.0	0.0	14.5	-1.57	-1.57	-41.79	124.3	9.9	Valve Adjustment:No Change,Valve 10% open
OXMEW186	11/27/2023 15:03	41.3	35.1	0.0	23.6	-2.48	-2.19	-46.28	125.4	9.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW187	11/14/2023 11:00	50.4	42.2	0.0	7.4	-0.60	-0.60	-46.69	115.3	15.9	Valve Adjustment:No Change
OXMEW187	11/29/2023 10:43	54.6	43.2	0.1	2.1	-0.17	-0.24	-46.40	111.0	9.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW188	11/13/2023 15:15	48.6	40.5	0.0	10.9	-0.85	-0.85	-46.19	114.7	15.7	Valve Adjustment:No Change
OXMEW188	11/29/2023 10:12	44.9	37.0	0.0	18.1	-1.12	-0.91	-46.25	113.0	31.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	11/13/2023 15:12	47.5	35.2	0.4	16.9	-4.93	-4.95	-20.17	77.3	154.0	Valve Adjustment:No Change
OXMEW189	11/29/2023 10:06	45.3	37.0	0.2	17.5	-5.55	-5.15	-45.94	123.3	197.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW190	11/13/2023 13:18	48.6	36.1	0.2	15.1	-20.13	-20.03	-41.01	125.5	40.0	Valve Adjustment:No Change,Valve 50% open
OXMEW190	11/28/2023 14:58	44.4	36.5	0.2	18.9	-20.76	-17.45	-44.04	123.4	42.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXMEW191	11/6/2023 9:25	55.4	42.9	0.0	1.7	-0.13	-0.43	-48.35	118.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW191	11/6/2023 9:27	55.9	43.3	0.0	0.8	-0.87	-1.09	-48.02	121.0	16.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW191	11/20/2023 13:57	44.8	40.2	0.1	14.9	-3.45	-3.44	-45.39	121.8	17.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	11/6/2023 9:05	50.1	41.7	0.7	7.5	-3.35	-3.35	-48.43	58.3	3.3	Valve Adjustment:No Change,Valve at minimum position

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..	Deg. F.	scfm	
OXMEW192	11/16/2023 9:37	52.1	42.2	0.3	5.4	-3.47	N/A	-52.39	61.0	3.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW192	11/16/2023 9:40	54.2	43.2	0.0	2.6	-9.72	-13.12	-52.94	74.9	14.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEW194	11/7/2023 10:37	52.2	43.6	0.7	3.5	-47.94	-47.94	-48.01	86.6	17.8	Valve Adjustment:No Change
OXMEW194	11/28/2023 14:28	51.9	38.6	0.6	8.9	-44.73	-44.73	-44.78	86.2	20.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	11/6/2023 11:24	54.6	39.4	0.1	5.9	-10.99	-11.03	-39.76	86.0	5.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	11/27/2023 15:26	50.4	39.0	0.0	10.6	-11.34	-11.98	-47.13	97.8	6.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW199	11/13/2023 13:30	48.0	38.5	0.3	13.2	-9.59	-9.59	-40.36	124.5	35.9	Valve Adjustment:No Change
OXMEW199	11/27/2023 15:22	48.4	39.0	0.1	12.5	-11.98	-11.93	-38.59	125.6	51.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	11/14/2023 11:04	42.7	39.3	0.0	18.0	-1.08	-1.08	-46.71	115.8	12.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	11/17/2023 11:38	47.5	39.3	1.3	11.9	-0.40	-0.40	-45.21	115.9	13.2	Valve Adjustment:No Change
OXMEW200	11/29/2023 10:39	55.0	42.0	0.1	2.9	-0.05	-0.06	-46.79	102.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW201	11/13/2023 15:24	52.2	40.2	0.0	7.6	-0.04	-0.07	-46.39	85.2	29.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW201	11/29/2023 10:19	54.7	40.5	0.0	4.8	-0.07	-0.19	-46.92	85.0	7.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW203	11/13/2023 13:23	49.6	36.4	0.1	13.9	-40.37	-40.10	-42.61	80.6	12.1	Valve Adjustment:No Change
OXMEW203	11/29/2023 10:38	51.4	35.9	1.3	11.4	-44.02	-44.03	-47.11	74.2	1.8	Valve Adjustment:No Change,Valve 20% open
OXMEW204	11/13/2023 13:22	34.1	28.9	0.0	37.0	-8.32	-7.35	-42.36	95.8	0.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW204	11/29/2023 10:48	41.3	35.6	0.0	23.1	-5.87	-5.85	-46.60	92.0	1.0	Valve Adjustment:No Change,Valve 20% open
OXMEW204	11/29/2023 10:54	42.2	36.0	0.0	21.8	-5.13	-3.92	-46.56	91.1	4.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
<b>OXMEW205</b>	11/14/2023 10:51	53.7	45.2	0.0	1.1	-0.11	-0.22	-46.65	99.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
<b>OXMEW205</b>	11/14/2023 10:57	54.2	45.8	0.0	0.0	-0.35	-0.69	-46.41	128.2	0.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
<b>OXMEW205</b>	11/29/2023 10:48	34.7	36.1	0.0	29.2	-0.97	-0.63	-46.13	126.2	18.6	Valve Adjustment:Closed valve 1/2 turn to 1 turn
<b>OXMEW209</b>	11/14/2023 10:34	57.2	39.7	0.1	3.0	-36.55	-36.82	-46.51	135.5	65.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
<b>OXMEW209</b>	11/29/2023 9:39	55.7	40.4	0.1	3.8	-36.98	-36.99	-45.78	135.8	63.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW210	11/3/2023 14:06	54.9	39.1	0.0	6.0	-40.47	-40.50	-42.92	124.7	2.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW210	11/29/2023 11:08	54.4	39.1	0.0	6.5	-43.43	-43.54	-45.92	124.4	15.2	Valve Adjustment:No Change,Valve 100% open
OXMEW300	11/14/2023 10:12	56.1	34.3	0.6	9.0	-47.19	-47.11	-47.52	103.9	30.3	Valve Adjustment:No Change,Valve 100% open
OXMEW300	11/29/2023 9:01	55.1	35.7	0.6	8.6	-45.91	-46.21	-46.66	103.6	28.5	Valve Adjustment:No Change,Valve 100% open
OXMEW302	11/3/2023 14:34	38.8	28.8	4.5	27.9	-1.21	-1.19	-43.43	84.9	8.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	11/29/2023 9:15	40.4	27.0	5.7	26.9	-0.65	-0.70	-47.13	57.0	7.9	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXMEW302	11/29/2023 9:16	55.7	34.9	0.1	9.3	-2.03	-2.04	-47.05	63.7	9.0	Valve Adjustment:No Change
OXMEW306	11/3/2023 14:12	22.8	30.6	0.7	45.9	-2.26	-2.25	-40.37	89.0	4.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	11/29/2023 11:05	18.2	25.0	0.1	56.7	-1.18	-1.15	-46.77	64.4	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

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..	Deg. F.	scfm	
OXMEW307	11/11/2023 9:16	57.5	41.9	0.3	0.3	-45.35	-45.37	-45.48	84.2	2.1	Valve Adjustment:No Change,Valve 100% open
OXMEW307	11/29/2023 9:29	57.8	38.3	0.4	3.5	-46.02	-46.02	-46.65	76.1	2.2	Valve Adjustment:No Change,Valve 100% open
OXMEW309	11/3/2023 14:46	44.1	34.7	0.1	21.1	-8.53	-8.52	-43.32	117.7	8.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	11/29/2023 9:33	41.8	34.3	0.0	23.9	-7.52	-7.33	-47.19	103.5	36.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	11/6/2023 11:17	47.5	38.3	0.1	14.1	-10.66	-10.48	-40.00	117.8	223.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	11/27/2023 14:56	48.5	38.1	0.0	13.4	-8.91	-6.11	-43.97	118.1	191.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	11/13/2023 12:56	47.3	36.3	0.0	16.4	-40.68	-40.43	-42.05	117.9	31.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	11/29/2023 13:30	49.9	35.2	0.0	14.9	-44.04	-44.04	-46.47	117.7	33.1	Valve Adjustment:No Change
OXMEW312	11/13/2023 13:23	43.3	37.1	0.0	19.6	-4.58	-4.58	-41.65	83.0	10.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	11/28/2023 14:50	41.2	33.7	0.1	25.0	-4.87	-4.70	-45.49	77.8	9.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	11/13/2023 14:24	49.4	37.1	0.0	13.5	-44.19	-44.33	-45.26	120.3	15.4	Valve Adjustment:No Change,Valve 90% open
OXMEW315	11/29/2023 15:12	49.9	37.1	0.0	13.0	-41.83	-41.88	-43.77	120.7	25.9	Valve Adjustment:No Change,Valve 80% open
OXMEW316	11/6/2023 11:55	59.3	40.6	0.1	0.0	-36.36	-36.34	-38.59	115.0	9.3	Valve Adjustment:No Change,Valve 100% open
OXMEW316	11/28/2023 13:09	58.3	37.5	0.1	4.1	-39.27	-39.27	-42.07	92.4	9.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	11/6/2023 11:50	59.5	40.4	0.1	0.0	-38.19	-38.27	-38.22	102.8	10.8	Valve Adjustment:No Change,Valve 100% open
OXMEW317	11/28/2023 13:15	59.9	38.2	0.1	1.8	-42.24	-42.24	-42.07	102.4	8.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	11/6/2023 11:36	52.2	39.7	0.1	8.0	-2.45	-2.46	-39.59	105.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	11/28/2023 13:33	50.7	38.1	0.0	11.2	-2.10	-2.20	-43.55	106.1	9.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW319	11/6/2023 10:59	45.6	36.5	0.1	17.8	-14.34	-13.65	-39.99	105.7	50.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	11/27/2023 14:42	47.5	37.8	0.0	14.7	-13.97	-13.86	-46.84	106.7	13.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW320	11/13/2023 13:13	59.1	40.2	0.0	0.7	-41.20	-41.28	-41.52	123.5	6.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	11/29/2023 12:53	57.6	40.9	0.0	1.5	-45.39	-45.35	-45.92	123.6	7.9	Valve Adjustment:No Change,Valve 100% open
OXMEW322	11/6/2023 12:00	53.0	39.2	0.1	7.7	-39.68	-39.72	-40.43	116.3	19.7	Valve Adjustment:No Change,Valve 100% open
OXMEW322	11/28/2023 13:05	55.7	37.5	0.1	6.7	-43.71	-43.70	-44.40	116.5	23.0	Valve Adjustment:No Change,Valve 100% open
OXMEW323	11/6/2023 9:52	58.9	41.0	0.1	0.0	-44.50	-44.14	-44.70	115.0	6.0	Valve Adjustment:No Change,Valve 100% open
OXMEW323	11/27/2023 12:59	55.9	37.1	0.2	6.8	-45.99	-45.98	-45.81	114.8	5.6	Valve Adjustment:No Change,Valve 100% open
OXMEW323	11/27/2023 13:06	57.8	39.5	0.1	2.6	-45.24	-45.25	-46.18	114.1	6.8	Valve Adjustment:No Change,Valve 100% open
OXMEW328	11/13/2023 12:28	57.9	39.1	0.5	2.5	-26.53	-26.65	-26.80	66.5	13.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	11/27/2023 9:18	57.5	36.5	0.4	5.6	-35.32	-35.09	-35.73	56.9	12.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	11/11/2023 9:09	54.0	42.3	0.2	3.5	-45.73	-45.57	-45.72	70.5	N/A	Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	11/29/2023 9:04	57.5	41.8	0.7	0.0	-41.51	-41.24	-41.41	53.5	N/A	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	11/14/2023 8:50	55.8	42.8	0.0	1.4	-42.32	-42.07	-42.37	68.8	11.8	Valve Adjustment:No Change,Valve 100% open



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..	Deg. F.	scfm	
OXMEWW05	11/21/2023 9:23	54.4	43.1	0.2	2.3	-47.26	-47.27	-47.57	66.7	6.4	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	11/14/2023 8:45	55.3	42.6	0.0	2.1	-43.97	-43.93	-43.61	63.8	3.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	11/29/2023 13:45	51.5	37.7	0.2	10.6	-46.19	-46.90	-45.77	64.6	21.0	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	11/6/2023 8:58	51.9	43.2	0.1	4.8	-1.93	-1.94	-48.47	66.0	0.2	Valve Adjustment:No Change,Valve at minimum position
OXMEWW08	11/16/2023 8:46	47.4	39.1	3.1	10.4	-1.92	-1.90	-51.03	57.8	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEWW18	11/14/2023 8:12	57.6	38.6	0.1	3.7	-48.12	-48.12	-48.37	65.1	1.2	Valve Adjustment:No Change,Valve 100% open
OXMEWW18	11/21/2023 10:09	58.1	41.6	0.0	0.3	-46.68	-46.62	-46.77	70.0	0.7	Valve Adjustment:No Change,Valve 100% open
OXMEWW1G	11/6/2023 16:17	52.0	40.2	0.3	7.5	-11.95	-12.02	-46.97	80.2	7.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1G	11/14/2023 8:53	51.3	38.4	0.2	10.1	-11.11	-11.25	-41.89	79.9	7.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1G	11/21/2023 9:16	52.4	40.0	0.0	7.6	-12.95	-20.38	-48.12	79.3	7.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEWW1S	11/14/2023 8:36	58.4	40.1	0.0	1.5	-26.54	-26.65	-46.14	67.2	25.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	11/21/2023 10:02	57.1	41.7	0.2	1.0	-26.24	-26.04	-44.95	67.2	21.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	11/14/2023 9:22	60.8	39.2	0.0	0.0	-48.07	-47.74	-48.93	84.1	6.8	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	11/22/2023 13:07	55.8	40.5	0.1	3.6	-48.49	-48.48	-48.52	73.3	2.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF04	11/14/2023 9:19	57.6	38.6	0.1	3.7	-49.03	-49.01	-49.14	63.0	4.8	Valve Adjustment:No Change
OXMHCF04	11/22/2023 13:09	59.0	40.9	0.1	0.0	-47.08	-46.94	-47.95	89.4	0.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	11/6/2023 15:32	56.8	40.0	0.6	2.6	-43.52	-43.55	-43.72	61.2	5.0	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	11/20/2023 15:11	57.2	37.7	0.2	4.9	-44.14	-44.12	-44.42	68.5	2.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	11/20/2023 15:17	54.1	38.4	1.4	6.1	-44.20	-44.17	-44.33	67.3	0.6	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	11/6/2023 11:43	56.1	39.8	0.1	4.0	-43.11	-43.05	-42.66	63.2	2.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	11/21/2023 8:25	56.2	42.9	0.0	0.9	-50.33	-50.34	-50.16	56.0	0.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	11/21/2023 8:32	55.4	42.7	0.2	1.7	-49.21	-49.17	-49.51	56.1	1.1	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	11/6/2023 10:11	46.4	41.6	0.0	12.0	-22.14	-18.76	-48.33	74.3	5.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMPEW32	11/17/2023 9:21	55.9	40.8	0.0	3.3	-7.30	-7.37	-50.47	70.2	1.9	Valve Adjustment:No Change,Valve at minimum position
OXMPEW32	11/17/2023 9:24	56.5	41.6	0.0	1.9	-7.42	-18.07	-50.76	70.3	1.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMPEW33	11/6/2023 9:08	50.5	41.1	0.0	8.4	-4.80	-4.80	-48.54	78.1	10.7	Valve Adjustment:No Change,Valve 5% open
OXMPEW33	11/16/2023 10:04	54.1	42.3	0.0	3.6	-4.76	-8.75	-52.37	79.4	10.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
<b>OXMPEW35</b>	11/6/2023 15:57	50.4	39.1	0.1	10.4	-36.99	-36.93	-48.01	122.6	30.7	Valve Adjustment:No Change
<b>OXMPEW35</b>	11/21/2023 8:01	41.3	38.9	0.0	19.8	-37.60	-36.81	-45.92	122.2	26.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW44	11/14/2023 8:32	55.4	38.1	1.3	5.2	-49.71	-49.70	-49.83	59.4	1.8	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	11/21/2023 9:47	56.4	40.0	0.5	3.1	-48.60	-48.54	-48.53	68.6	1.4	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	11/21/2023 9:59	52.5	40.8	1.5	5.2	-48.81	-48.81	-48.77	66.4	0.6	Valve Adjustment:No Change,Valve 100% open

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..	Deg. F.	scfm	
OXSS2032	11/13/2023 15:12	53.5	42.2	0.0	4.3	-0.13	-0.25	-38.10	71.4	18.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXSS2032	11/21/2023 14:13	52.2	45.7	0.0	2.1	-0.57	-0.92	-33.53	69.0	22.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXSS2033	11/13/2023 15:19	55.8	39.9	0.5	3.8	-24.54	-24.56	-43.62	63.5	41.9	Valve Adjustment:No Change,Valve 100% open
OXSS2033	11/27/2023 11:20	52.0	35.8	0.4	11.8	-24.45	-24.45	-43.22	75.8	41.6	Valve Adjustment:No Change,Valve 100% open
OXSS2034	11/13/2023 15:17	54.2	44.2	1.6	0.0	-38.84	-38.85	-39.14	67.9	15.5	Valve Adjustment:No Change,Valve 100% open
OXSS2034	11/27/2023 11:16	57.9	38.3	0.2	3.6	-39.59	-39.57	-39.66	78.6	7.0	Valve Adjustment:No Change,Valve 100% open
OXSS2215	11/13/2023 8:59	29.9	25.7	7.3	37.1	-0.04	-0.03	-42.04	93.0	8.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXSS2215	11/13/2023 11:10	29.0	25.1	7.4	38.5	-0.04	-0.04	-37.45	95.3	8.5	Valve Adjustment:NSPS,Valve at minimum position
OXSS2215	11/21/2023 14:24	51.6	46.0	2.4	0.0	-0.08	-0.07	-37.97	90.0	7.7	Valve Adjustment:No Change,Valve at minimum position
OXSS2216	11/7/2023 13:32	54.7	37.5	1.2	6.6	-0.21	-0.30	-49.04	72.5	6.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2216	11/7/2023 13:35	52.1	34.7	2.3	10.9	-0.26	-0.25	-49.02	73.2	7.5	Valve Adjustment:No Change,Valve at minimum position
OXSS2216	11/13/2023 9:36	48.7	37.2	3.0	11.1	-0.28	-0.30	-46.03	70.2	7.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2216	11/21/2023 10:42	46.5	36.5	3.1	13.9	-1.52	-1.51	-47.74	67.3	8.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

<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, OXMPEW35
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≤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, <del>OXLCS04</del> , OXLCS4A, OXLCS4B, <del>OXLCS06</del> , <del>OXLCS06</del> , OXLCS07, <del>OXMEWHC6</del> , <del>OXMTBTC4</del> , <del>OXMEWW47</del> , and <del>OXMHCF06</del> .
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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, <del>OXLCS04</del> , OXLCS4A, OXLCS4B, <del>OXLCS05</del> , <del>OXLCS06</del> , and OXLCS07.
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\*Wells that have been decommissioned are noted with a strikethrough.

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - December 1, 4, 5, 6, 7, 8, 11, 13, 14, 15, 18, 19, 20, 21, and 26, 2023.

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..	Deg. F.	scfm	
OMLEW101	12/6/2023 12:32	46.4	37.1	1.6	14.9	-3.58	-3.55	-43.00	71.5	35.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLEW101	12/19/2023 11:01	48.9	39.0	1.5	10.6	-3.29	-3.29	-42.11	69.9	30.0	Valve Adjustment:No Change,Valve at minimum position
OMLEW104	12/7/2023 12:39	49.0	37.0	0.6	13.4	-42.01	-41.94	-46.25	90.5	50.2	Valve Adjustment:No Change
OMLEW104	12/20/2023 9:18	41.5	34.0	1.8	22.7	-37.64	-37.65	-40.70	85.9	44.6	Valve Adjustment:No Change
OMLEW107	12/7/2023 12:37	57.8	38.2	0.9	3.1	-46.26	-46.24	-46.31	61.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	12/20/2023 9:15	52.9	31.6	0.3	15.2	-41.04	-41.03	-40.85	53.7	4.5	Valve Adjustment:No Change
OMLFEW59	12/6/2023 11:27	43.0	36.2	0.1	20.7	-1.56	-1.68	-40.82	103.4	11.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OMLFEW59	12/18/2023 11:08	48.0	40.8	0.0	11.2	-1.04	-1.04	-38.44	102.3	10.6	Valve Adjustment:No Change,Valve 15% open
OMLFEW72	12/7/2023 12:56	48.2	34.9	0.1	16.8	-6.20	-6.04	-46.48	61.0	6.0	Valve Adjustment:No Change,Valve at minimum position
OMLFEW72	12/20/2023 9:46	49.2	33.5	0.1	17.2	-7.45	-7.42	-40.88	52.9	5.6	Valve Adjustment:No Change,Valve at minimum position
OMLFEW99	12/6/2023 12:23	48.0	38.6	0.0	13.4	-0.63	-0.62	-47.59	65.8	13.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMLFEW99	12/18/2023 12:33	51.2	38.4	0.0	10.4	-0.63	-0.62	-50.30	65.4	13.1	Valve Adjustment:No Change,Valve 5% open
<b>OMTLTS01</b>	12/7/2023 13:04	24.5	23.9	8.8	42.8	-0.20	-0.21	-46.28	77.2	3.9	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS01</b>	12/20/2023 9:57	27.7	25.2	5.5	41.6	-0.52	-0.39	-43.11	71.0	3.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS02</b>	12/7/2023 13:30	38.1	32.8	2.4	26.7	-0.51	-0.51	-47.37	67.0	14.0	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS02</b>	12/20/2023 10:05	44.0	32.1	1.7	22.2	-0.70	-0.71	-43.22	65.7	13.8	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS02</b>	12/20/2023 10:10	43.8	32.6	1.6	22.0	-0.65	-0.61	-43.37	65.5	12.9	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS03</b>	12/7/2023 13:28	43.5	35.3	3.5	17.7	-0.62	-0.62	-47.43	69.0	7.8	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS03</b>	12/20/2023 10:17	41.6	31.7	0.4	26.3	-0.77	-0.77	-43.52	67.4	7.5	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS04</b>	12/1/2023 13:51	15.1	23.0	2.4	59.5	-0.21	-0.21	-41.38	71.3	0.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS04</b>	12/20/2023 11:34	18.3	22.8	0.6	58.3	-0.20	-0.19	-43.21	53.7	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS05</b>	12/1/2023 13:49	8.3	15.3	7.6	68.8	-0.20	-0.20	-33.97	69.1	0.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS05</b>	12/20/2023 11:30	17.9	20.5	2.7	58.9	-0.25	-0.24	-42.93	53.6	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS06</b>	12/1/2023 13:41	21.2	20.6	7.6	50.6	-0.16	-0.16	-34.74	72.6	0.1	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS06</b>	12/20/2023 11:26	15.8	16.4	8.9	58.9	-0.31	-0.26	-42.96	54.2	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS07</b>	12/1/2023 13:23	40.2	32.0	2.1	25.7	-0.51	-0.49	-32.90	89.4	5.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS07</b>	12/20/2023 11:16	16.5	20.5	5.4	57.6	-0.64	-0.59	-43.10	86.3	5.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS08</b>	12/1/2023 12:54	1.4	2.9	17.2	78.5	-0.67	-0.66	-35.93	76.1	15.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS08</b>	12/1/2023 12:58	4.2	6.1	14.7	75.0	-0.65	-0.65	-35.09	77.5	15.6	Valve Adjustment:No Change
<b>OMTLTS08</b>	12/20/2023 11:12	21.1	21.5	3.5	53.9	-0.89	-0.78	-40.44	95.1	15.2	Valve Adjustment:Closed valve 1/2 turn to 1 turn

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..	Deg. F.	scfm	
OMTLTS09	12/1/2023 12:47	17.3	15.8	5.5	61.4	-0.21	-0.21	-38.78	66.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	12/20/2023 11:07	7.7	9.2	7.7	75.4	-0.48	-0.45	-39.55	53.3	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	12/1/2023 11:32	18.8	18.6	6.2	56.4	-0.16	-0.16	-31.32	64.3	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	12/20/2023 11:04	13.2	14.8	2.8	69.2	-0.39	-0.38	-42.50	53.4	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	12/1/2023 11:26	0.7	8.4	13.8	77.1	-0.19	-0.19	-31.75	71.3	0.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	12/20/2023 10:55	7.6	13.8	4.8	73.8	-0.45	-0.44	-40.34	57.9	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	12/1/2023 11:23	2.0	9.6	11.9	76.5	-0.32	-0.34	-29.74	74.1	6.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	12/21/2023 9:06	1.4	8.7	12.4	77.5	-0.69	-0.69	-43.53	75.4	8.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	12/1/2023 11:09	26.2	26.7	8.3	38.8	-0.22	-0.21	-43.52	79.6	6.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	12/20/2023 10:43	15.8	17.1	8.2	58.9	-0.74	-0.65	-42.27	78.1	3.9	Valve Adjustment:Closed valve 1/2 turn or less
OMTLTS16	12/1/2023 10:22	42.3	29.9	10.3	17.5	-0.28	-0.28	-42.82	63.3	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	12/21/2023 9:26	6.9	12.4	10.3	70.4	-0.64	-0.61	-33.57	62.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	12/1/2023 10:08	28.1	27.2	3.9	40.8	-0.38	-0.38	-41.02	65.4	1.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	12/14/2023 15:24	5.3	7.4	12.0	75.3	-0.53	-0.50	-23.96	67.2	7.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	12/1/2023 10:13	44.8	34.3	1.3	19.6	-1.70	-1.47	-42.83	88.7	45.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OMTLTS18	12/14/2023 11:18	51.5	37.7	0.3	10.5	-1.05	-1.04	-33.14	84.5	33.1	Valve Adjustment:No Change,Valve 30% open
OMTLTS19	12/1/2023 10:30	29.0	25.5	4.6	40.9	-0.57	-0.53	-42.58	76.4	15.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS19	12/14/2023 15:12	35.4	26.2	4.0	34.4	-0.33	-0.35	-37.73	75.5	11.3	Valve Adjustment:No Change,Valve 5% open
OMTLTS19	12/14/2023 15:15	35.7	26.5	3.9	33.9	-0.29	-0.29	-37.96	75.2	11.0	Valve Adjustment:No Change,Valve 5% open
OMTLTS20	12/1/2023 10:33	29.3	26.3	7.1	37.3	-0.17	-0.18	-42.88	71.3	10.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	12/14/2023 15:04	18.7	16.9	11.3	53.1	-0.07	-0.05	-38.36	76.2	8.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	12/14/2023 15:09	9.4	12.1	11.4	67.1	-0.19	-0.18	-38.25	76.3	4.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	12/18/2023 10:38	8.8	10.8	12.0	68.4	-0.22	-0.04	-45.96	72.7	3.7	Valve Adjustment:Closed valve 1/2 turn or less
OXE2022R	12/7/2023 11:48	49.9	37.7	1.1	11.3	-44.52	-44.44	-42.23	63.1	1.1	Valve Adjustment:No Change
OXE2022R	12/15/2023 11:25	50.4	38.1	1.1	10.4	-44.44	-44.39	-42.56	67.5	0.9	Valve Adjustment:No Change
OXEW133B	12/7/2023 13:21	45.4	38.9	4.5	11.2	-0.39	-0.42	-46.38	79.6	0.0	Valve Adjustment:No Change
OXEW133B	12/26/2023 10:39	50.4	32.1	4.1	13.4	-9.64	-9.64	-45.56	69.1	63.3	Valve Adjustment:No Change
OXEW134A	12/7/2023 13:20	56.2	42.7	1.1	0.0	-10.61	-9.01	-47.26	64.2	22.8	Valve Adjustment:No Change
OXEW134A	12/20/2023 10:30	54.0	37.2	3.8	5.0	-8.38	-8.69	-43.22	67.6	0.0	Valve Adjustment:No Change
OXEW134B	12/7/2023 13:23	47.7	38.9	1.1	12.3	-39.06	-39.32	-46.31	61.6	48.5	Valve Adjustment:No Change
OXEW134B	12/20/2023 10:27	50.2	32.4	0.4	17.0	-38.85	-39.09	-43.02	57.1	54.4	Valve Adjustment:No Change
OXEW137B	12/1/2023 13:38	45.0	31.8	4.9	18.3	-43.17	-43.15	-43.01	74.7	0.0	Valve Adjustment:No Change

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW137B	12/20/2023 11:22	56.2	41.7	0.1	2.0	-41.41	-40.66	-41.83	74.2	16.0	Valve Adjustment:No Change,Valve 100% open
OXEW1601	12/7/2023 10:57	49.6	36.7	0.9	12.8	-8.39	-8.28	-43.41	126.7	105.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1601	12/20/2023 12:44	52.9	34.7	0.3	12.1	-9.88	-9.79	-38.10	125.4	132.7	Valve Adjustment:No Change
OXEW1602	12/7/2023 12:39	55.4	41.7	0.0	2.9	-23.46	-23.52	-45.84	128.8	22.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	12/20/2023 9:26	55.9	41.1	0.0	3.0	-23.28	-23.31	-39.86	127.5	21.4	Valve Adjustment:No Change,Valve 100% open
OXEW1603	12/13/2023 13:42	58.8	37.7	0.1	3.4	-38.00	-38.01	-38.03	109.6	6.5	Valve Adjustment:No Change,Valve 100% open
OXEW1603	12/20/2023 13:34	59.8	35.2	0.1	4.9	-37.73	-37.52	-37.76	99.8	2.1	Valve Adjustment:No Change,Valve 100% open
OXEW1604	12/7/2023 9:56	57.2	41.3	0.0	1.5	-1.34	-2.37	-38.55	124.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	12/20/2023 13:07	53.9	38.5	0.0	7.6	-3.89	-3.88	-36.41	127.6	60.5	Valve Adjustment:No Change
OXEW1611	12/13/2023 11:41	40.4	30.0	6.4	23.2	-9.52	-9.51	-33.43	64.1	0.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1611	12/13/2023 11:45	45.0	32.7	4.9	17.4	-10.51	-10.51	-32.98	64.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	12/15/2023 10:29	53.5	38.1	2.0	6.4	-4.25	-4.91	-36.67	60.4	2.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1612	12/13/2023 12:26	53.5	37.9	0.9	7.7	-38.37	-38.38	-38.43	122.1	7.1	Valve Adjustment:No Change
OXEW1612	12/20/2023 9:17	56.3	41.2	0.0	2.5	-38.99	-38.90	-39.31	120.1	15.4	Valve Adjustment:No Change,Valve 100% open
OXEW1613	12/7/2023 10:04	51.0	40.7	0.0	8.3	-37.80	-37.91	-44.07	125.9	55.7	Valve Adjustment:No Change
OXEW1613	12/20/2023 13:12	50.5	37.8	0.7	11.0	-38.99	-38.85	-38.87	124.4	139.8	Valve Adjustment:No Change
OXEW1614	12/7/2023 12:18	48.6	37.2	0.0	14.2	-0.82	-0.82	-44.30	115.5	37.5	Valve Adjustment:No Change
OXEW1614	12/19/2023 11:29	48.9	38.7	0.0	12.4	-0.91	-0.89	-43.39	114.3	29.5	Valve Adjustment:No Change
OXEW1616	12/7/2023 12:03	49.9	38.2	0.0	11.9	-22.07	-22.06	-36.94	115.7	22.8	Valve Adjustment:No Change
OXEW1616	12/15/2023 11:47	50.4	38.8	0.0	10.8	-21.76	-21.76	-36.45	115.9	18.9	Valve Adjustment:No Change
OXEW1617	12/7/2023 10:27	51.7	41.3	0.0	7.0	-2.47	-2.54	-46.11	129.3	13.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1617	12/15/2023 12:04	53.3	42.0	0.0	4.7	-1.68	-1.76	-45.99	128.9	13.8	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXEW1618</b>	12/7/2023 12:23	46.8	39.2	0.0	14.0	-13.27	-13.20	-44.87	128.9	82.7	Valve Adjustment:Closed valve 1/2 turn or less
<b>OXEW1618</b>	12/7/2023 12:24	48.1	39.8	0.0	12.1	-1.92	-1.91	-45.19	128.4	19.7	Valve Adjustment:No Change
<b>OXEW1618</b>	12/19/2023 11:33	47.8	39.4	0.0	12.8	-2.06	-1.97	-43.58	127.6	19.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1619	12/6/2023 9:57	57.4	40.6	0.2	1.8	-45.34	-45.20	-45.99	115.8	9.0	Valve Adjustment:No Change,Valve 100% open
OXEW1619	12/18/2023 9:41	57.2	41.9	0.1	0.8	-46.36	-46.60	-47.42	119.6	8.4	Valve Adjustment:No Change,Valve 100% open
OXEW1620	12/6/2023 10:30	54.9	39.2	0.2	5.7	-1.44	-2.09	-45.99	109.5	4.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1620	12/18/2023 9:47	52.7	36.8	1.9	8.6	-0.30	-0.22	-47.50	118.9	2.7	Valve Adjustment:No Change
OXEW1621	12/4/2023 10:59	46.5	40.2	0.0	13.3	-0.36	-0.29	-46.92	106.1	4.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	12/18/2023 12:20	54.2	40.0	0.0	5.8	-0.04	-0.27	-46.79	102.4	33.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	12/6/2023 10:09	48.0	36.7	2.4	12.9	-39.44	-39.39	-45.96	118.8	22.3	Valve Adjustment:Closed valve 1/2 turn or less

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..	Deg. F.	scfm	
OXEW1622	12/19/2023 10:54	46.9	37.1	2.5	13.5	-39.56	-39.14	-45.64	118.0	23.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1701	12/7/2023 11:14	58.2	40.1	0.0	1.7	-42.40	-42.50	-42.98	119.8	17.8	Valve Adjustment:No Change,Valve 100% open
OXEW1701	12/7/2023 11:17	58.1	40.3	0.0	1.6	-42.13	-42.32	-42.45	120.1	16.9	Valve Adjustment:No Change,Valve 100% open
OXEW1701	12/15/2023 12:46	58.1	41.0	0.0	0.9	-41.74	-41.73	-42.11	120.7	16.0	Valve Adjustment:No Change,Valve 100% open
OXEW1702	12/7/2023 11:25	57.9	40.2	0.0	1.9	-39.59	-39.10	-41.22	124.9	10.3	Valve Adjustment:No Change,Valve 100% open
OXEW1702	12/15/2023 10:57	59.9	39.6	0.0	0.5	-38.32	-38.31	-41.35	124.7	41.6	Valve Adjustment:No Change,Valve 100% open
OXEW1703	12/7/2023 11:35	56.2	41.7	0.0	2.1	-39.81	-39.82	-39.62	89.7	5.2	Valve Adjustment:No Change,Valve 100% open
OXEW1703	12/15/2023 11:17	56.9	41.5	0.0	1.6	-40.89	-40.75	-40.64	84.1	6.7	Valve Adjustment:No Change,Valve 100% open
OXEW1705	12/7/2023 10:31	49.1	36.8	3.5	10.6	-40.70	-40.52	-42.02	113.0	10.5	Valve Adjustment:No Change,Valve 100% open
OXEW1705	12/7/2023 10:36	48.7	35.9	3.5	11.9	-40.47	-40.31	-42.38	112.9	10.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW1705	12/21/2023 11:34	57.6	39.6	0.6	2.2	-42.15	-42.05	-42.72	105.7	5.7	Valve Adjustment:No Change,Valve 100% open
OXEW1705	12/21/2023 11:38	57.9	39.3	0.4	2.4	-37.48	-37.49	-43.17	104.2	6.9	Valve Adjustment:No Change,Valve 100% open
OXEW1705	12/21/2023 11:41	57.8	39.4	0.3	2.5	-40.25	-40.28	-41.96	104.2	7.9	Valve Adjustment:No Change,Valve 100% open
OXEW1716	12/6/2023 11:38	54.9	39.7	0.5	4.9	-39.44	-39.47	-44.88	81.5	4.6	Valve Adjustment:No Change,Valve 100% open
OXEW1716	12/18/2023 10:44	53.4	40.9	0.0	5.7	-42.50	-42.58	-46.68	63.7	3.2	Valve Adjustment:No Change,Valve 100% open
OXEW1717	12/5/2023 14:31	47.4	37.5	0.1	15.0	-44.79	-44.72	-48.48	103.2	13.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW1717	12/14/2023 14:39	46.6	36.5	0.1	16.8	-35.88	-35.85	-38.42	97.5	10.2	Valve Adjustment:No Change,Valve 50% open
OXEW1717	12/14/2023 14:48	46.7	36.4	0.0	16.9	-34.51	-34.51	-38.11	97.2	8.7	Valve Adjustment:No Change,Valve 50% open
OXEW1801	12/7/2023 12:08	49.2	39.0	0.1	11.7	-10.03	-10.25	-44.52	120.6	9.6	Valve Adjustment:No Change
OXEW1801	12/19/2023 11:24	51.6	39.9	0.0	8.5	-9.75	-9.87	-43.19	118.7	16.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1804	12/7/2023 12:28	53.8	41.9	0.2	4.1	-42.29	-42.18	-44.49	126.0	18.5	Valve Adjustment:No Change,Valve 100% open
OXEW1804	12/7/2023 12:30	53.7	42.3	0.1	3.9	-42.37	-42.33	-44.19	126.0	14.3	Valve Adjustment:No Change,Valve 100% open
OXEW1804	12/19/2023 11:37	54.4	42.2	0.1	3.3	-41.12	-41.11	-43.40	125.6	7.9	Valve Adjustment:No Change,Valve 100% open
OXEW1805	12/7/2023 12:36	44.9	37.8	0.2	17.1	-37.96	-37.59	-44.46	118.8	28.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1805	12/20/2023 9:31	46.9	38.1	0.1	14.9	-32.42	-31.90	-39.34	118.3	24.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1806	12/6/2023 12:17	46.1	36.8	0.0	17.1	-0.02	-0.02	-46.75	121.0	13.6	Valve Adjustment:No Change
OXEW1806	12/18/2023 11:40	51.4	39.2	0.0	9.4	-0.18	-0.15	-47.60	119.9	13.9	Valve Adjustment:No Change
OXEW1807	12/7/2023 11:53	52.3	38.8	0.0	8.9	-17.38	-17.47	-46.22	130.1	32.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1807	12/15/2023 11:31	52.9	40.5	0.0	6.6	-17.88	-17.98	-46.24	130.2	33.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1809	12/7/2023 9:20	53.4	37.7	0.1	8.8	-37.72	-37.71	-43.20	111.0	47.0	Valve Adjustment:No Change,Valve 90% open
OXEW1809	12/20/2023 12:36	54.0	38.2	0.2	7.6	-33.68	-33.65	-38.07	111.5	44.3	Valve Adjustment:No Change,Valve 100% open
OXEW1810	12/13/2023 14:10	30.6	19.5	9.0	40.9	-17.01	-8.25	-40.40	69.8	2.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less

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..	Deg. F.	scfm	
OXEW1810	12/13/2023 14:20	32.0	20.3	8.6	39.1	-24.25	-8.96	-40.03	64.7	1.5	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less
OXEW1810	12/18/2023 10:21	46.8	31.0	1.4	20.8	-4.61	-4.62	-47.80	61.8	0.7	Valve Adjustment: No Change, Valve at minimum position
OXEW1811	12/7/2023 9:31	44.2	33.1	4.2	18.5	-7.34	-6.47	-45.32	54.6	13.4	Valve Adjustment: Closed valve 1/2 turn to 1 turn
OXEW1811	12/19/2023 9:51	47.3	34.4	3.2	15.1	-4.32	-3.99	-43.67	58.9	12.1	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1812	12/8/2023 9:01	50.2	36.9	0.4	12.5	-13.65	-13.59	-33.18	122.8	23.7	Valve Adjustment: No Change, Valve 30% open
OXEW1812	12/19/2023 12:56	52.7	37.1	0.3	9.9	-15.82	-15.83	-41.12	123.9	25.0	Valve Adjustment: Opened valve 1/2 turn or less, Valve 30% open
OXEW1813	12/7/2023 12:00	56.4	41.7	0.0	1.9	-46.06	-46.03	-45.91	107.2	7.2	Valve Adjustment: No Change, Valve 100% open
OXEW1813	12/15/2023 11:44	57.1	41.4	0.0	1.5	-45.61	-45.69	-45.49	107.6	5.7	Valve Adjustment: No Change, Valve 100% open
OXEW1815	12/6/2023 11:48	49.3	38.5	0.0	12.2	-3.66	-3.63	-46.91	123.5	13.1	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1815	12/18/2023 11:15	51.8	38.3	0.0	9.9	-3.09	-3.09	-47.69	123.0	11.2	Valve Adjustment: No Change
OXEW1816	12/13/2023 11:05	47.4	34.5	0.1	18.0	-20.11	-18.93	-40.51	121.6	83.1	Valve Adjustment: Closed valve 1/2 turn or less, Valve 60% open
OXEW1816	12/15/2023 11:06	46.1	35.3	0.0	18.6	-20.43	-20.08	-46.87	122.1	83.6	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1817	12/8/2023 11:15	57.9	41.0	0.0	1.1	-40.78	-40.85	-41.71	118.6	16.2	Valve Adjustment: No Change, Valve 100% open
OXEW1817	12/15/2023 10:09	58.3	41.7	0.0	0.0	-41.49	-41.63	-41.75	118.3	15.9	Valve Adjustment: No Change, Valve 100% open
OXEW1821	12/5/2023 10:16	27.8	24.6	0.4	47.2	-0.07	-0.06	-28.02	67.2	0.1	Valve Adjustment: No Change, Valve at minimum position
OXEW1821	12/18/2023 9:09	30.7	23.8	1.8	43.7	-0.08	-0.08	-47.41	55.1	0.1	Valve Adjustment: No Change, Valve at minimum position
OXEW1822	12/13/2023 13:52	24.1	23.5	0.3	52.1	-0.02	-0.02	-40.09	65.0	0.1	Valve Adjustment: No Change, Valve at minimum position
OXEW1822	12/18/2023 8:59	15.3	22.8	0.0	61.9	-0.05	-0.05	-47.18	54.3	0.1	Valve Adjustment: No Change, Valve at minimum position
OXEW1823	12/5/2023 10:06	29.4	26.3	0.4	43.9	-0.04	-0.04	-27.24	69.9	0.1	Valve Adjustment: No Change, Valve at minimum position
OXEW1823	12/18/2023 8:56	30.7	26.3	0.1	42.9	-0.06	-0.06	-47.59	55.0	0.2	Valve Adjustment: No Change, Valve at minimum position
OXEW1824	12/5/2023 11:14	43.9	26.4	4.8	24.9	-34.72	-34.74	-34.78	67.9	0.8	Valve Adjustment: No Change, Valve 25% open
OXEW1824	12/18/2023 10:07	56.4	31.1	2.1	10.4	-47.47	-47.49	-47.73	58.2	0.7	Valve Adjustment: No Change, Valve 20% open
OXEW1825	12/5/2023 11:35	48.1	36.8	0.2	14.9	-0.07	-0.11	-34.41	68.1	0.2	Valve Adjustment: No Change, Valve at minimum position
OXEW1825	12/18/2023 10:32	54.1	37.5	0.1	8.3	-0.71	-0.83	-47.57	58.1	0.2	Valve Adjustment: No Change, Valve at minimum position
OXEW1826	12/8/2023 9:17	32.9	32.0	0.1	35.0	-11.58	-11.39	-34.63	81.3	5.2	Valve Adjustment: No Change, Valve at minimum position
OXEW1826	12/19/2023 13:06	37.0	31.5	0.0	31.5	-13.03	-12.79	-40.37	84.3	5.9	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OXEW1901	12/6/2023 10:49	57.0	41.7	0.0	1.3	-46.32	-46.33	-46.37	102.3	12.3	Valve Adjustment: No Change, Valve 100% open
OXEW1901	12/18/2023 9:56	59.5	39.7	0.0	0.8	-47.73	-47.63	-47.92	95.6	9.9	Valve Adjustment: No Change, Valve 100% open
OXEW1902	12/7/2023 11:29	46.3	35.4	0.0	18.3	-4.11	-3.99	-43.78	69.0	12.8	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1902	12/15/2023 11:11	49.3	37.8	0.0	12.9	-3.77	-3.78	-43.02	67.3	12.0	Valve Adjustment: No Change
OXEW1904	12/7/2023 11:45	48.6	36.8	0.3	14.3	-21.34	-21.34	-44.69	101.7	59.5	Valve Adjustment: No Change
OXEW1904	12/15/2023 11:21	49.9	38.6	0.2	11.3	-20.69	-20.68	-45.05	106.9	58.9	Valve Adjustment: No Change

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1908	12/8/2023 13:35	58.2	39.2	0.0	2.6	-33.79	-33.79	-36.28	104.2	62.8	Valve Adjustment:No Change,Valve 100% open
OXEW1908	12/15/2023 10:40	57.2	40.3	0.1	2.4	-33.64	-33.63	-36.28	104.1	63.1	Valve Adjustment:No Change,Valve 100% open
OXEW1909	12/7/2023 11:25	51.7	40.6	0.0	7.7	-23.45	-23.34	-43.33	101.4	46.9	Valve Adjustment:No Change,Valve 45% open
OXEW1909	12/15/2023 13:43	52.9	37.4	0.1	9.6	-24.17	-24.19	-43.79	101.6	46.7	Valve Adjustment:No Change,Valve 45% open
OXEW1910	12/7/2023 11:17	49.3	39.1	1.0	10.6	-3.57	-3.47	-43.21	119.3	48.5	Valve Adjustment:No Change,Valve 20% open
OXEW1910	12/15/2023 13:51	49.5	35.2	1.3	14.0	-3.55	-3.56	-42.84	119.1	47.1	Valve Adjustment:No Change,Valve 20% open
OXEW1911	12/13/2023 12:38	57.0	40.1	0.4	2.5	-38.57	-38.56	-39.27	129.1	9.4	Valve Adjustment:No Change,Valve 100% open
OXEW1911	12/13/2023 12:42	57.7	42.1	0.2	0.0	-36.31	-36.27	-39.18	128.2	11.7	Valve Adjustment:No Change,Valve 100% open
OXEW1911	12/20/2023 9:21	56.9	41.6	0.1	1.4	-36.60	-36.81	-40.23	128.3	57.2	Valve Adjustment:No Change,Valve 100% open
OXEW1912	12/7/2023 9:24	54.9	38.3	0.0	6.8	-32.59	-32.54	-45.53	122.9	47.7	Valve Adjustment:No Change,Valve 100% open
OXEW1912	12/7/2023 9:28	54.9	39.6	0.0	5.5	-39.03	-39.07	-45.43	123.8	59.0	Valve Adjustment:No Change,Valve 100% open
OXEW1912	12/20/2023 12:48	55.2	36.2	0.0	8.6	-36.46	-36.45	-39.51	123.9	43.8	Valve Adjustment:No Change,Valve 100% open
OXEW1913	12/6/2023 13:14	25.0	28.5	0.8	45.7	-1.15	-0.99	-44.98	113.6	55.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1913	12/19/2023 12:45	22.0	25.4	3.6	49.0	-1.74	-1.58	-46.73	124.9	73.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1914	12/7/2023 9:06	57.5	41.1	0.0	1.4	-46.07	-46.07	-46.23	81.7	5.2	Valve Adjustment:No Change,Valve 100% open
OXEW1914	12/7/2023 9:09	57.3	39.7	0.0	3.0	-45.94	-46.00	-45.95	81.2	12.1	Valve Adjustment:No Change,Valve 100% open
OXEW1914	12/19/2023 9:23	58.5	40.7	0.1	0.7	-44.33	-44.39	-44.58	79.3	9.0	Valve Adjustment:No Change,Valve 100% open
OXEW1915	12/6/2023 12:01	42.4	32.3	6.1	19.2	-2.12	-1.35	-47.81	59.4	11.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW1915	12/6/2023 12:07	36.7	28.8	8.1	26.4	-3.05	-1.94	-47.71	59.4	14.7	Valve Adjustment:NSPS,Closed valve 1/2 turn or less
OXEW1915	12/14/2023 14:30	42.1	37.6	0.4	19.9	-3.90	-3.90	-39.99	59.4	9.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1916	12/6/2023 8:53	58.5	37.3	0.4	3.8	-45.76	-45.77	-45.66	53.0	0.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1916	12/18/2023 12:45	50.3	39.1	2.7	7.9	-47.66	-47.67	-47.88	58.5	0.4	Valve Adjustment:No Change,Valve 20% open
OXEW1917	12/6/2023 10:22	41.4	37.5	0.4	20.7	-44.48	-43.73	-46.08	71.4	5.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1917	12/18/2023 12:56	43.4	35.2	0.2	21.2	-45.33	-45.33	-47.97	71.7	5.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1919	12/5/2023 10:10	52.7	37.9	0.0	9.4	-5.92	-5.93	-27.14	70.4	4.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	12/18/2023 9:01	50.4	38.0	0.0	11.6	-7.61	-7.57	-47.67	65.3	5.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	12/5/2023 10:19	35.2	28.9	0.0	35.9	-0.78	-0.78	-29.09	69.3	0.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	12/18/2023 9:16	36.2	28.4	0.0	35.4	-0.22	-0.26	-47.56	54.4	1.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	12/5/2023 10:40	48.6	36.4	0.1	14.9	-30.01	-30.03	-35.09	104.9	18.0	Valve Adjustment:No Change,Valve 45% open
OXEW1921	12/18/2023 9:35	52.1	36.9	0.1	10.9	-36.66	-36.40	-48.12	108.1	27.6	Valve Adjustment:No Change,Valve 45% open
OXEW2001	12/6/2023 9:51	54.3	41.8	0.0	3.9	-0.62	-0.90	-46.66	125.3	12.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2001	12/19/2023 10:11	45.3	38.6	0.0	16.1	-1.88	-1.60	-46.39	122.1	13.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open



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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2002	12/5/2023 12:44	50.0	45.5	0.0	4.5	-14.39	-14.39	-36.52	122.3	22.4	Valve Adjustment:No Change,Valve 25% open
OXEW2002	12/18/2023 11:51	51.8	40.6	0.2	7.4	-17.44	-17.44	-50.76	121.8	25.4	Valve Adjustment:No Change,Valve 25% open
OXEW2003	12/5/2023 14:26	55.4	41.6	0.2	2.8	-48.55	-48.58	-48.58	110.8	9.4	Valve Adjustment:No Change,Valve 100% open
OXEW2003	12/21/2023 13:33	51.1	37.0	0.2	11.7	-48.92	-49.02	-49.04	106.6	9.6	Valve Adjustment:No Change,Valve 100% open
OXEW2004	12/5/2023 14:46	46.8	40.7	0.1	12.4	-39.86	-39.59	-50.35	124.8	62.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXEW2004	12/18/2023 10:55	49.1	39.5	0.0	11.4	-41.13	-40.88	-51.84	123.6	61.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXEW2005	12/6/2023 11:45	45.7	36.6	0.0	17.7	-6.40	-6.08	-45.93	121.4	17.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2005	12/18/2023 10:38	51.5	39.5	0.0	9.0	-4.41	-4.41	-47.75	119.9	9.4	Valve Adjustment:No Change,Valve 20% open
OXEW2007	12/5/2023 10:33	58.2	41.4	0.0	0.4	-34.58	-34.55	-34.64	95.0	11.0	Valve Adjustment:No Change,Valve 100% open
OXEW2007	12/18/2023 9:28	54.0	37.9	0.1	8.0	-47.27	-47.27	-47.38	92.6	10.7	Valve Adjustment:No Change,Valve 100% open
OXEW2008	12/5/2023 10:56	53.6	29.6	0.0	16.8	-35.16	-35.24	-34.90	75.6	3.0	Valve Adjustment:No Change,Valve 100% open
OXEW2008	12/18/2023 9:45	52.4	30.5	0.3	16.8	-47.64	-47.63	-47.51	58.6	1.7	Valve Adjustment:No Change,Valve 100% open
OXEW2008	12/18/2023 9:53	51.9	28.5	0.4	19.2	-47.14	-47.12	-47.49	59.0	2.1	Valve Adjustment:No Change,Valve 100% open
OXEW2009	12/11/2023 12:49	60.4	37.3	0.5	1.8	-47.06	-46.98	-47.52	90.6	11.7	Valve Adjustment:No Change,Valve 100% open
OXEW2009	12/15/2023 10:20	60.6	37.4	0.5	1.5	-45.85	-46.35	-45.87	87.1	23.7	Valve Adjustment:No Change,Valve 100% open
OXEW2010	12/6/2023 10:43	17.1	22.7	6.4	53.8	-44.17	-44.00	-46.05	81.5	12.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW2010	12/6/2023 10:44	16.6	22.5	6.5	54.4	-38.58	-38.75	-44.95	81.3	11.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2010	12/15/2023 13:21	18.4	21.1	7.5	53.0	-38.98	-38.95	-45.59	83.9	12.0	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position
OXEW2010	12/15/2023 13:23	18.8	21.6	7.2	52.4	-36.39	-36.39	-46.92	83.9	10.5	Valve Adjustment:No Change,Valve at minimum position
OXEW2011	12/6/2023 9:08	46.6	37.6	0.0	15.8	-7.92	-6.20	-46.06	110.3	14.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2011	12/19/2023 10:29	47.2	40.7	0.0	12.1	-5.28	-5.25	-45.90	110.2	12.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2012	12/5/2023 12:36	41.2	40.1	0.1	18.6	-23.71	-23.03	-37.14	107.6	20.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2012	12/18/2023 12:04	45.5	36.8	0.2	17.5	-27.59	-26.70	-50.51	107.9	22.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2016	12/7/2023 9:50	59.1	40.8	0.0	0.1	-18.38	-17.06	-42.97	130.9	19.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 25% open
OXEW2016	12/7/2023 9:52	58.8	41.2	0.0	0.0	-16.99	-16.97	-43.14	130.4	16.9	Valve Adjustment:No Change
OXEW2016	12/20/2023 13:04	57.8	37.8	0.0	4.4	-13.31	-13.30	-37.40	130.0	16.5	Valve Adjustment:No Change,Valve 25% open
OXEW2017	12/7/2023 9:39	56.1	39.4	0.1	4.4	-9.07	-10.00	-45.58	127.8	43.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2017	12/20/2023 12:59	57.2	37.2	0.2	5.4	-8.90	-8.91	-42.00	127.1	42.9	Valve Adjustment:No Change,Valve 40% open
OXEW2020	12/6/2023 11:52	47.3	38.1	0.0	14.6	-32.29	-31.74	-47.93	129.9	32.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2020	12/18/2023 11:18	50.3	38.7	0.0	11.0	-31.62	-31.72	-49.23	130.2	32.6	Valve Adjustment:No Change
OXEW2021	12/6/2023 11:31	32.3	25.3	6.6	35.8	-0.73	-0.56	-45.16	67.7	3.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW2021	12/6/2023 11:34	32.1	25.7	6.6	35.6	-0.46	-0.26	-45.31	67.3	0.7	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2021	12/18/2023 10:53	59.3	40.6	0.0	0.1	-0.05	-0.15	-46.04	60.4	0.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2022	12/7/2023 10:52	53.1	39.3	0.2	7.4	-44.41	-44.44	-46.75	124.7	31.4	Valve Adjustment:No Change,Valve 100% open
OXEW2022	12/7/2023 10:54	53.1	39.3	0.1	7.5	-45.02	-45.02	-46.46	124.9	30.5	Valve Adjustment:No Change,Valve 100% open
OXEW2022	12/15/2023 12:28	54.6	40.7	0.0	4.7	-45.02	-45.02	-46.42	124.2	31.5	Valve Adjustment:No Change,Valve 100% open
OXEW2023	12/13/2023 10:40	59.7	39.8	0.1	0.4	-35.04	-35.08	-38.41	123.7	37.5	Valve Adjustment:No Change,Valve 100% open
OXEW2023	12/21/2023 11:55	58.7	37.8	0.0	3.5	-38.48	-38.54	-41.96	123.2	38.6	Valve Adjustment:No Change,Valve 100% open
OXEW2024	12/8/2023 13:01	51.3	38.2	0.3	10.2	-22.87	-21.47	-42.98	127.6	48.8	Valve Adjustment:No Change,Valve 45% open
OXEW2024	12/8/2023 13:05	52.0	38.8	0.1	9.1	-22.50	-22.70	-43.60	127.7	47.7	Valve Adjustment:No Change,Valve 45% open
OXEW2024	12/15/2023 10:14	52.0	38.4	0.0	9.6	-23.19	-23.02	-43.26	127.3	45.2	Valve Adjustment:No Change,Valve 45% open
OXEW2026	12/8/2023 10:56	57.4	38.2	0.1	4.3	-43.69	-43.57	-43.68	56.9	4.5	Valve Adjustment:No Change,Valve 100% open
OXEW2026	12/15/2023 9:43	57.3	40.0	0.2	2.5	-44.34	-44.37	-44.14	59.8	14.2	Valve Adjustment:No Change,Valve 100% open
OXEW2026	12/15/2023 9:48	57.0	39.3	0.7	3.0	-44.26	-44.32	-44.57	58.3	11.0	Valve Adjustment:No Change,Valve 100% open
OXEW2026	12/15/2023 9:54	57.5	40.3	0.2	2.0	-44.50	-44.51	-44.23	58.4	2.9	Valve Adjustment:No Change,Valve 100% open
OXEW2027	12/13/2023 13:06	57.6	35.7	1.2	5.5	-36.59	-36.58	-36.45	62.4	0.6	Valve Adjustment:No Change,Valve 100% open
OXEW2027	12/13/2023 13:15	50.6	32.0	3.7	13.7	-36.83	-36.79	-36.59	62.3	0.2	Valve Adjustment:No Change,Valve 100% open
OXEW2027	12/15/2023 13:31	56.5	35.1	1.2	7.2	-42.19	-42.17	-41.87	63.3	0.3	Valve Adjustment:No Change,Valve 100% open
OXEW2028	12/8/2023 10:51	50.2	37.6	2.7	9.5	-43.29	-43.33	-43.39	53.0	2.7	Valve Adjustment:No Change,Valve 100% open
OXEW2028	12/15/2023 9:35	49.6	36.5	3.0	10.9	-44.13	-44.31	-43.89	57.6	11.3	Valve Adjustment:No Change,Valve 100% open
OXEW2029	12/7/2023 10:46	50.9	38.6	0.0	10.5	-3.95	-3.90	-45.67	124.7	37.4	Valve Adjustment:No Change
OXEW2029	12/15/2023 12:22	51.6	38.9	0.0	9.5	-5.55	-5.67	-47.40	124.8	50.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2030	12/7/2023 10:20	54.3	40.6	0.0	5.1	-15.89	-15.89	-37.07	120.2	13.1	Valve Adjustment:No Change,Valve 40% open
OXEW2030	12/7/2023 10:23	58.7	41.3	0.0	0.0	-25.47	-25.50	-36.72	123.2	22.8	Valve Adjustment:No Change,Valve 40% open
OXEW2030	12/21/2023 11:46	58.9	39.9	0.0	1.2	-29.87	-33.78	-36.41	122.6	18.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2031	12/7/2023 10:09	54.6	40.1	0.0	5.3	-42.87	-42.88	-43.79	126.1	10.1	Valve Adjustment:No Change,Valve 100% open
OXEW2031	12/7/2023 10:13	55.0	39.3	0.0	5.7	-42.04	-41.97	-44.04	126.0	55.3	Valve Adjustment:No Change,Valve 100% open
OXEW2031	12/20/2023 13:23	57.1	36.5	0.0	6.4	-36.88	-36.87	-38.44	126.2	51.3	Valve Adjustment:No Change,Valve 100% open
OXEW2101	12/6/2023 12:23	49.4	40.6	0.0	10.0	-0.60	-0.61	-46.35	124.3	19.2	Valve Adjustment:No Change
OXEW2101	12/18/2023 12:02	55.6	43.8	0.0	0.6	-0.06	-0.52	-47.13	91.3	23.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2102	12/8/2023 13:22	58.4	40.2	0.3	1.1	-35.93	-35.99	-36.90	80.3	18.0	Valve Adjustment:No Change,Valve 100% open
OXEW2102	12/8/2023 13:27	59.4	40.6	0.0	0.0	-35.55	-35.56	-36.61	79.3	19.5	Valve Adjustment:No Change,Valve 100% open
OXEW2102	12/15/2023 10:26	58.4	41.6	0.0	0.0	-35.93	-35.87	-36.42	67.5	17.9	Valve Adjustment:No Change,Valve 100% open
OXEW2103	12/8/2023 13:10	50.7	35.9	2.1	11.3	-11.60	-11.61	-44.74	105.2	52.4	Valve Adjustment:No Change,Valve 50% open

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..	Deg. F.	scfm	
OXEW2103	12/15/2023 10:17	48.2	37.0	2.7	12.1	-11.33	-11.35	-43.29	104.3	51.9	Valve Adjustment:No Change,Valve 45% open
OXEW2104	12/8/2023 11:03	57.0	38.6	0.1	4.3	-41.27	-41.34	-15.01	114.3	9.4	Valve Adjustment:No Change,Valve 100% open
OXEW2104	12/15/2023 9:14	55.4	36.1	0.2	8.3	-42.41	-42.46	-44.29	114.5	5.5	Valve Adjustment:No Change,Valve 100% open
OXEW2105	12/7/2023 11:32	58.5	39.1	0.0	2.4	-35.69	-35.68	-35.87	99.1	4.3	Valve Adjustment:No Change,Valve 100% open
OXEW2105	12/15/2023 13:47	60.3	37.7	0.0	2.0	-36.15	-36.13	-36.14	100.2	3.2	Valve Adjustment:No Change,Valve 100% open
OXEW2106	12/7/2023 9:11	58.8	38.8	0.0	2.4	-43.54	-43.54	-44.13	113.9	13.4	Valve Adjustment:No Change,Valve 100% open
OXEW2106	12/20/2023 12:40	59.2	38.5	0.0	2.3	-38.18	-38.15	-38.59	110.6	10.4	Valve Adjustment:No Change,Valve 100% open
OXEW2107	12/6/2023 10:00	45.6	41.3	0.0	13.1	-43.36	-42.46	-43.77	117.1	34.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW2107	12/19/2023 10:15	48.1	41.0	0.0	10.9	-43.67	-44.41	-44.33	117.4	46.3	Valve Adjustment:No Change,Valve 100% open
OXEW2107	12/19/2023 10:21	48.2	40.7	0.2	10.9	-43.87	-44.00	-44.35	115.7	31.0	Valve Adjustment:No Change,Valve 100% open
OXEW2108	12/5/2023 12:24	50.4	43.0	0.0	6.6	-11.22	-11.27	-37.04	126.3	23.8	Valve Adjustment:No Change,Valve 30% open
OXEW2108	12/18/2023 11:55	51.7	39.5	0.0	8.8	-14.65	-14.59	-51.27	126.7	27.2	Valve Adjustment:No Change,Valve 30% open
OXEW2109	12/6/2023 9:19	54.8	43.0	0.0	2.2	5.34	-0.35	-47.96	53.4	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	12/6/2023 9:21	57.0	41.9	0.0	1.1	-0.69	-2.76	-47.86	59.2	2.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	12/6/2023 10:07	55.2	43.9	0.0	0.9	-14.40	-15.60	-48.09	74.3	4.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2109	12/19/2023 9:55	28.3	31.7	0.0	40.0	-19.42	-19.11	-48.02	87.2	5.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2110	12/13/2023 10:56	59.7	39.7	0.1	0.5	-36.29	-36.41	-37.35	92.3	19.9	Valve Adjustment:No Change,Valve 100% open
OXEW2110	12/21/2023 11:30	58.1	38.7	0.0	3.2	-40.24	-40.23	-41.24	90.7	20.9	Valve Adjustment:No Change,Valve 100% open
OXEW2111	12/7/2023 11:38	53.9	37.0	0.0	9.1	-13.12	-13.11	-45.58	107.3	145.0	Valve Adjustment:No Change,Valve 100% open
OXEW2111	12/15/2023 14:05	52.1	35.3	0.1	12.5	-13.28	-13.27	-44.68	107.4	144.3	Valve Adjustment:No Change,Valve 100% open
OXEW2112	12/1/2023 9:56	53.7	36.9	0.2	9.2	-40.21	-40.21	-41.18	107.0	36.0	Valve Adjustment:No Change,Valve 100% open
OXEW2112	12/15/2023 14:22	55.6	36.8	0.2	7.4	-45.40	-45.39	-46.06	108.0	34.9	Valve Adjustment:No Change,Valve 100% open
OXEW2112	12/15/2023 14:26	57.7	37.0	0.1	5.2	-44.71	-44.72	-46.12	108.1	47.4	Valve Adjustment:No Change,Valve 100% open
OXEW2113	12/7/2023 11:41	53.4	39.2	0.0	7.4	-42.86	-42.86	-44.69	121.6	33.7	Valve Adjustment:No Change,Valve 100% open
OXEW2113	12/15/2023 14:02	53.5	37.8	0.0	8.7	-43.04	-43.04	-44.66	121.5	33.7	Valve Adjustment:No Change,Valve 100% open
OXEW2207	12/8/2023 13:32	57.6	39.1	0.0	3.3	-34.26	-34.25	-36.37	120.7	76.2	Valve Adjustment:No Change,Valve 100% open
OXEW2207	12/15/2023 10:36	56.1	41.5	0.0	2.4	-33.89	-33.89	-35.82	120.4	68.1	Valve Adjustment:No Change,Valve 100% open
OXEW2208	12/7/2023 11:11	44.7	35.9	0.2	19.2	-4.80	-4.62	-40.63	123.1	72.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2208	12/15/2023 13:55	47.6	35.4	0.3	16.7	-4.46	-4.47	-40.52	123.0	60.2	Valve Adjustment:No Change,Valve 25% open
OXEW2209	12/8/2023 13:15	58.3	38.8	0.1	2.8	-41.20	-41.17	-42.32	97.8	44.0	Valve Adjustment:No Change,Valve 100% open
OXEW2209	12/15/2023 10:22	56.8	40.0	0.0	3.2	-41.16	-41.18	-42.02	96.8	44.4	Valve Adjustment:No Change,Valve 100% open
OXEW2210	12/7/2023 11:32	51.6	38.8	0.3	9.3	-22.34	-22.68	-42.99	103.0	10.9	Valve Adjustment:Opened valve 1/2 turn or less

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2210	12/15/2023 11:14	52.7	39.9	0.4	7.0	-22.01	-22.19	-42.32	101.7	11.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2211	12/8/2023 11:19	58.4	41.1	0.1	0.4	-37.93	-37.85	-38.96	123.0	53.1	Valve Adjustment:No Change,Valve 100% open
OXEW2211	12/21/2023 11:20	55.5	38.1	0.1	6.3	-38.93	-39.01	-40.70	122.6	57.6	Valve Adjustment:No Change,Valve 100% open
OXEW2212	12/8/2023 11:11	52.7	39.3	0.0	8.0	-2.11	-2.11	-43.12	107.7	29.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2212	12/15/2023 10:05	53.2	39.0	0.0	7.8	-2.04	-3.11	-43.56	107.9	29.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2213	12/8/2023 10:45	52.7	44.1	0.1	3.1	-40.63	-40.55	-41.59	110.0	10.4	Valve Adjustment:No Change,Valve 100% open
OXEW2213	12/15/2023 9:19	58.1	36.9	0.1	4.9	-41.28	-41.34	-42.90	110.5	24.1	Valve Adjustment:No Change,Valve 100% open
OXEW2213	12/15/2023 9:25	59.5	39.9	0.0	0.6	-39.52	-39.54	-43.61	110.0	83.9	Valve Adjustment:No Change,Valve 100% open
OXEW2214	12/7/2023 11:21	48.2	34.5	1.3	16.0	-0.70	-0.70	-47.96	97.8	29.5	Valve Adjustment:No Change
OXEW2214	12/21/2023 12:05	55.1	36.4	0.0	8.5	-0.62	-0.64	-47.48	90.1	16.1	Valve Adjustment:No Change,Valve at minimum position
OXEW2214	12/21/2023 12:13	55.7	37.8	0.1	6.4	-1.07	-7.64	-47.32	95.6	1.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEWHC6A**	12/4/2023 12:35	54.9	39.9	0.2	5.0	-0.56	-2.96	-49.38	68.3	0.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEWHC6A**	12/4/2023 13:05	54.2	40.9	0.2	4.7	-5.32	-5.32	-49.43	67.5	2.7	Valve Adjustment:No Change
OXEWHC6A**	12/14/2023 14:25	53.4	42.5	0.2	3.9	-4.50	N/A	-40.77	57.6	2.4	Valve Adjustment:No Change,Valve at minimum position
OXEWHC6A**	12/15/2023 12:46	57.0	40.9	0.2	1.9	-5.52	-5.52	-48.78	61.9	2.8	Valve Adjustment:No Change,Valve at minimum position
OXHC1922	12/7/2023 11:04	48.3	36.3	0.2	15.2	-3.62	-3.42	-43.69	78.2	52.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXHC1922	12/15/2023 13:58	48.2	35.9	0.4	15.5	-3.38	-3.44	-44.85	68.8	49.8	Valve Adjustment:No Change,Valve 40% open
OXHC2000	12/8/2023 10:09	60.1	38.7	0.3	0.9	-24.22	-23.12	-33.01	79.2	13.0	Valve Adjustment:No Change,Valve 100% open
OXHC2000	12/21/2023 10:44	55.8	35.2	1.3	7.7	-36.30	-36.39	-45.95	77.1	1.0	Valve Adjustment:No Change,Valve 100% open
OXHC2001	12/8/2023 10:07	59.4	38.2	0.1	2.3	-28.93	-28.91	-32.83	70.0	18.1	Valve Adjustment:No Change,Valve 100% open
OXHC2001	12/21/2023 10:31	58.5	36.0	0.2	5.3	-41.80	-41.74	-46.55	69.0	10.5	Valve Adjustment:No Change,Valve 100% open
OXHC2001	12/21/2023 10:39	56.0	36.5	1.2	6.3	-37.78	-37.85	-46.68	68.5	61.8	Valve Adjustment:No Change,Valve 100% open
OXHC2014	12/1/2023 9:44	55.9	37.6	0.2	6.3	-4.94	-4.95	-41.42	93.3	70.1	Valve Adjustment:No Change,Valve 65% open
OXHC2014	12/15/2023 14:09	57.5	37.8	0.0	4.7	-4.48	-4.44	-46.11	93.3	74.9	Valve Adjustment:No Change,Valve 70% open
OXHC2014	12/15/2023 14:13	59.5	39.4	0.0	1.1	-6.47	-6.40	-45.43	94.8	94.1	Valve Adjustment:No Change,Valve 70% open
OXHC2015	12/4/2023 10:43	55.5	42.1	0.1	2.3	-5.48	-5.59	-56.69	67.1	66.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC2015	12/14/2023 13:49	58.2	38.6	0.0	3.2	-5.12	-5.12	-58.66	68.3	67.1	Valve Adjustment:No Change,Valve 40% open
OXHC2101	12/13/2023 11:17	22.2	20.0	10.9	46.9	-0.17	-0.18	-37.25	100.1	13.0	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position
OXHC2101	12/13/2023 11:24	20.6	18.0	11.6	49.8	-0.08	-0.08	-36.12	97.8	6.7	Valve Adjustment:NSPS,No Change
OXHC2101	12/21/2023 10:59	46.2	32.0	3.2	18.6	-0.05	-0.05	-40.97	95.1	1.5	Valve Adjustment:No Change,Valve 10% open
OXLCR13B	12/4/2023 10:54	54.9	43.9	0.0	1.2	-2.14	-2.08	-53.82	74.4	45.4	Valve Adjustment:No Change,Valve 35% open
OXLCR13B	12/4/2023 11:21	53.3	41.9	0.1	4.7	-4.85	-4.71	-57.46	71.3	71.6	Valve Adjustment:No Change

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXLCR13B	12/4/2023 12:15	55.8	41.0	0.0	3.2	-4.12	-4.41	-56.64	72.9	68.5	Valve Adjustment:No Change,Valve 35% open
OXLCR13B	12/14/2023 14:01	56.6	39.9	0.0	3.5	-0.82	-2.65	-51.74	67.6	29.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
<b>OXLCR4A1</b>	12/4/2023 11:17	48.7	41.0	0.0	10.3	-31.23	-32.12	-51.52	64.5	58.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
<b>OXLCR4A1</b>	12/14/2023 14:08	56.0	38.5	0.0	5.5	-25.10	-26.43	-53.02	65.9	66.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
<b>OXLCR4B1</b>	12/4/2023 11:11	40.6	37.3	1.6	20.5	-1.61	-1.45	-51.27	68.9	10.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OXLCR4B1</b>	12/4/2023 11:12	42.1	36.5	3.3	18.1	-1.43	-1.42	-50.89	70.1	3.3	Valve Adjustment:No Change
<b>OXLCR4B1</b>	12/14/2023 14:10	43.1	32.3	4.0	20.6	-1.11	-1.17	-52.59	67.8	2.9	Valve Adjustment:No Change,Valve at minimum position
<b>OXLCRS07</b>	12/8/2023 9:55	22.4	24.0	10.3	43.3	-1.55	-2.01	-35.40	79.8	7.5	Valve Adjustment:No Change,Valve 20% open
<b>OXLCRS07</b>	12/21/2023 9:50	12.7	9.9	15.5	61.9	-10.04	-9.85	-48.35	83.3	6.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
<b>OXLCRS07</b>	12/21/2023 9:53	7.7	6.2	17.8	68.3	-6.40	-5.00	-47.96	74.6	6.7	Valve Adjustment:NSPS,No Change
OXLCRS10	12/8/2023 10:17	58.5	38.4	0.3	2.8	-21.07	-20.31	-27.88	90.6	142.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	12/21/2023 10:55	58.1	36.1	0.2	5.6	-35.63	-35.10	-39.91	89.9	130.0	Valve Adjustment:No Change,Valve 100% open
OXLCRS11	12/8/2023 10:15	56.3	36.8	0.4	6.5	-2.65	-2.73	-32.82	89.0	93.2	Valve Adjustment:No Change,Valve 50% open
OXLCRS11	12/21/2023 10:52	48.0	33.7	1.3	17.0	-4.17	-4.17	-47.99	86.2	108.9	Valve Adjustment:No Change,Valve 50% open
OXLCRS12	12/8/2023 10:28	55.1	44.2	0.2	0.5	-13.30	-13.28	-37.21	75.0	109.1	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	12/21/2023 11:03	54.6	40.4	0.1	4.9	-14.10	-14.08	-39.99	74.0	112.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	12/21/2023 11:07	55.0	42.9	0.0	2.1	-15.94	-15.93	-39.75	74.0	130.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	12/1/2023 13:36	46.3	30.1	3.6	20.0	-0.49	-0.54	-44.06	66.1	1.7	Valve Adjustment:No Change,Valve at minimum position
OXLCRS3A	12/21/2023 8:51	17.8	13.7	15.3	53.2	-11.14	-10.64	-47.78	57.9	1.5	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3A	12/21/2023 8:52	15.8	11.3	14.8	58.1	-11.27	-10.59	-47.87	57.9	4.5	Valve Adjustment:No Change,Valve at minimum position
OXLCRS3B	12/1/2023 13:31	54.0	39.3	0.8	5.9	-13.88	-14.19	-44.03	76.1	3.0	Valve Adjustment:No Change,Valve at minimum position
OXLCRS3B	12/21/2023 8:46	49.5	34.8	3.0	12.7	-9.32	-9.50	-47.35	59.2	3.4	Valve Adjustment:No Change,Valve at minimum position
OXLCRS7B	12/8/2023 9:53	31.6	32.9	3.9	31.6	-2.87	-2.55	-35.28	59.8	0.8	Valve Adjustment:No Change,Valve 10% open
OXLCRS7B	12/21/2023 9:44	8.0	9.8	15.2	67.0	-10.09	-10.18	-47.77	65.7	0.9	Valve Adjustment:NSPS/CAI,Valve at minimum position
OXLCRS7B	12/21/2023 9:46	0.2	1.6	22.2	76.0	-7.25	-7.37	-47.70	60.8	1.3	Valve Adjustment:NSPS,Valve at minimum position
OXLCRS8A	12/4/2023 10:47	56.1	41.1	0.4	2.4	-1.96	-1.95	-52.33	73.8	10.9	Valve Adjustment:No Change,Valve at minimum position
OXLCRS8A	12/14/2023 11:36	56.1	41.3	0.5	2.1	-1.51	-1.51	-40.07	70.9	9.7	Valve Adjustment:No Change,Valve 5% open
OXLCRS8A	12/14/2023 13:45	57.4	37.4	0.5	4.7	-2.16	-2.16	-52.57	67.4	10.9	Valve Adjustment:No Change,Valve 5% open
OXLCRS8A	12/14/2023 13:58	57.3	37.7	0.6	4.4	-2.57	-2.62	-52.89	67.9	14.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXLCRS9A	12/1/2023 9:48	57.9	38.9	2.2	1.0	-2.15	-2.15	-42.14	89.8	19.7	Valve Adjustment:Opened valve 1/2 turn or less
OXLCRS9A	12/15/2023 14:15	58.5	39.1	2.4	0.0	-2.69	-2.69	-46.48	89.3	19.4	Valve Adjustment:No Change,Valve 20% open
OXLCRS9B	12/1/2023 9:52	42.6	34.8	3.0	19.6	-3.50	-3.44	-41.91	76.3	5.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

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..	Deg. F.	scfm	
OXLCRS9B	12/15/2023 14:17	46.3	35.4	3.6	14.7	-3.49	-3.52	-46.35	74.3	5.8	Valve Adjustment:No Change,Valve at minimum position
OXME302D	12/6/2023 11:23	55.9	39.7	0.0	4.4	-44.16	-44.06	-45.85	118.4	30.6	Valve Adjustment:No Change,Valve 100% open
OXME302D	12/18/2023 11:07	57.4	39.9	0.0	2.7	-45.73	-45.64	-47.36	118.5	31.5	Valve Adjustment:No Change,Valve 100% open
OXME306D	12/1/2023 10:48	53.6	39.4	0.0	7.0	-1.15	-1.33	-44.80	120.1	2.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXME306D	12/1/2023 10:56	48.8	39.5	0.0	11.7	-1.35	-1.33	-44.19	120.0	12.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXME306D	12/6/2023 11:09	45.6	36.5	0.0	17.9	-1.56	-1.21	-46.95	120.0	12.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME306D	12/18/2023 10:10	57.6	39.5	0.0	2.9	-0.74	-0.90	-47.96	119.5	10.8	Valve Adjustment:Opened valve 1/2 turn or less
OXME312D	12/7/2023 10:36	37.3	32.9	0.0	29.8	-1.35	-1.30	-45.98	96.2	20.9	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	12/15/2023 12:15	47.7	35.3	0.0	17.0	-0.38	-0.35	-46.05	75.5	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	12/7/2023 9:19	57.4	39.7	0.0	2.9	-39.84	-39.81	-41.82	127.6	26.0	Valve Adjustment:No Change,Valve 100% open
OXME316D	12/7/2023 9:20	57.5	40.2	0.0	2.3	-39.82	-39.63	-41.90	127.6	34.9	Valve Adjustment:No Change,Valve 100% open
OXME316D	12/19/2023 9:38	57.2	40.6	0.0	2.2	-39.27	-39.47	-40.99	126.8	31.4	Valve Adjustment:No Change,Valve 100% open
OXME317D	12/7/2023 9:25	56.7	41.3	0.0	2.0	-44.31	-44.35	-44.52	68.1	18.0	Valve Adjustment:No Change,Valve 100% open
OXME317D	12/19/2023 9:46	56.8	41.7	0.0	1.5	-43.23	-43.11	-43.15	68.1	4.9	Valve Adjustment:No Change,Valve 100% open
OXMEW113	12/7/2023 13:26	37.0	36.8	4.3	21.9	-9.29	-8.98	-47.39	68.5	0.0	Valve Adjustment:No Change
OXMEW113	12/20/2023 10:24	40.5	32.8	4.1	22.6	-8.90	-9.32	-42.97	62.4	2.7	Valve Adjustment:No Change
OXMEW122	12/13/2023 10:09	57.6	34.7	1.7	6.0	-44.21	-44.21	-44.04	61.7	8.1	Valve Adjustment:No Change
OXMEW122	12/20/2023 10:23	56.8	34.9	0.6	7.7	-43.05	-42.98	-43.42	54.3	8.8	Valve Adjustment:No Change,Valve 100% open
OXMEW126	12/7/2023 12:58	51.9	38.4	0.0	9.7	-46.14	-46.14	-46.32	59.9	0.6	Valve Adjustment:No Change,Valve 100% open
OXMEW126	12/20/2023 9:34	56.9	37.1	0.1	5.9	-40.83	-40.88	-40.90	58.0	0.5	Valve Adjustment:No Change,Valve 100% open
OXMEW138	12/1/2023 13:27	53.5	39.7	0.1	6.7	-0.79	-0.75	-44.36	74.2	2.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW138	12/20/2023 11:19	50.9	37.6	0.0	11.5	-1.26	-1.96	-43.22	67.5	1.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW145	12/7/2023 13:11	59.8	39.1	0.2	0.9	-47.61	-47.59	-47.75	77.8	4.5	Valve Adjustment:No Change,Valve 100% open
OXMEW145	12/7/2023 13:14	57.7	42.2	0.1	0.0	-47.35	-47.36	-47.41	77.0	2.6	Valve Adjustment:No Change,Valve 100% open
OXMEW145	12/7/2023 13:17	57.3	42.6	0.1	0.0	-46.76	-46.72	-47.47	76.6	2.6	Valve Adjustment:No Change,Valve 100% open
OXMEW145	12/19/2023 11:06	55.7	43.1	0.1	1.1	-42.58	-42.68	-46.07	77.6	3.7	Valve Adjustment:No Change,Valve 100% open
OXMEW156	12/4/2023 12:28	19.2	16.2	13.2	51.4	-0.23	-0.22	-49.13	69.2	0.3	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW156	12/4/2023 13:02	14.1	12.5	14.7	58.7	-3.28	-3.10	-49.58	63.4	1.6	Valve Adjustment:NSPS,Valve at minimum position
OXMEW156	12/15/2023 12:49	56.1	40.2	0.1	3.6	-0.13	-0.13	-48.66	66.1	0.4	Valve Adjustment:No Change,Valve at minimum position
OXMEW158	12/7/2023 12:43	54.9	40.1	0.1	4.9	-46.19	-46.25	-46.15	66.0	2.9	Valve Adjustment:No Change,Valve 100% open
OXMEW158	12/7/2023 12:45	54.8	39.9	0.1	5.2	-45.36	-45.36	-46.07	65.1	2.6	Valve Adjustment:No Change,Valve 100% open
OXMEW158	12/7/2023 12:48	55.2	40.4	0.0	4.4	-44.04	-44.04	-45.80	64.4	2.7	Valve Adjustment:No Change,Valve 100% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW158	12/20/2023 9:23	54.4	37.3	0.0	8.3	-39.21	-39.19	-39.59	63.3	2.6	Valve Adjustment:No Change,Valve 100% open
OXMEW159	12/7/2023 12:52	56.6	39.2	0.0	4.2	-41.62	-41.63	-46.16	67.0	6.7	Valve Adjustment:No Change,Valve 100% open
OXMEW159	12/20/2023 9:27	56.8	37.6	0.0	5.6	-37.37	-37.36	-40.87	65.8	6.1	Valve Adjustment:No Change,Valve 100% open
OXMEW162	12/1/2023 11:28	57.4	32.7	0.6	9.3	-43.34	-43.39	-43.29	69.6	5.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW162	12/20/2023 10:59	53.7	29.8	2.0	14.5	-5.50	-6.34	-42.87	58.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	12/5/2023 11:04	42.3	27.8	1.2	28.7	-34.32	-34.42	-34.55	69.9	1.1	Valve Adjustment:No Change,Valve 15% open
OXMEW170	12/18/2023 10:15	48.0	29.4	0.5	22.1	-47.30	-47.30	-47.60	58.3	0.8	Valve Adjustment:No Change,Valve 15% open
OXMEW173	12/6/2023 11:31	24.1	31.1	0.0	44.8	-2.96	-2.89	-47.45	71.9	19.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	12/18/2023 11:05	33.4	34.4	0.0	32.2	-2.32	-1.70	-49.94	60.6	5.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW174	12/6/2023 11:55	43.4	38.4	0.0	18.2	-2.77	-0.90	-47.62	60.1	6.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW174	12/14/2023 14:19	54.5	38.6	0.1	6.8	-0.27	-0.82	-49.62	60.2	0.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	12/4/2023 12:41	38.9	36.9	0.0	24.2	-16.62	-14.87	-49.46	76.8	15.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	12/14/2023 14:27	42.1	37.5	0.0	20.4	-12.61	-12.61	-40.05	73.3	11.8	Valve Adjustment:No Change,Valve at minimum position
OXMEW181	12/8/2023 8:56	52.0	37.8	2.0	8.2	-33.51	-33.52	-33.63	107.5	18.6	Valve Adjustment:No Change
OXMEW181	12/19/2023 12:51	54.7	39.3	1.2	4.8	-44.43	-44.43	-45.29	109.8	30.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW182	12/7/2023 9:45	50.4	38.9	0.0	10.7	-39.70	-39.68	-44.85	119.2	53.5	Valve Adjustment:No Change,Valve 100% open
OXMEW182	12/19/2023 10:00	51.6	39.6	0.0	8.8	-39.52	-39.52	-44.08	118.6	49.5	Valve Adjustment:No Change,Valve 100% open
OXMEW183	12/4/2023 10:42	49.0	39.1	0.0	11.9	-6.54	-6.54	-45.87	115.7	40.3	Valve Adjustment:No Change
OXMEW183	12/19/2023 10:21	52.8	40.5	0.0	6.7	-3.57	-3.83	-44.73	114.7	33.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW184	12/4/2023 10:36	50.9	39.4	0.0	9.7	-1.51	-1.47	-46.88	122.2	42.3	Valve Adjustment:No Change
OXMEW184	12/18/2023 12:43	48.3	39.7	0.0	12.0	-1.78	-1.75	-45.21	121.2	52.3	Valve Adjustment:No Change
OXMEW185	12/4/2023 10:32	53.4	38.5	0.2	7.9	-0.23	-0.25	-46.74	94.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	12/18/2023 12:39	56.3	41.9	0.0	1.8	-0.05	-0.11	-46.17	85.3	12.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW186	12/7/2023 10:21	42.6	38.3	0.0	19.1	-1.19	-0.99	-46.22	115.4	6.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW186	12/15/2023 12:01	50.9	42.4	0.3	6.4	-0.04	-0.07	-46.20	97.0	9.4	Valve Adjustment:No Change
OXMEW187	12/4/2023 10:52	48.4	40.9	0.0	10.7	-0.36	-0.36	-46.92	116.9	30.5	Valve Adjustment:No Change
OXMEW187	12/19/2023 10:37	54.9	43.8	0.0	1.3	-0.15	-0.22	-45.38	105.3	14.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW188	12/4/2023 11:04	46.4	39.1	0.0	14.5	-0.67	-0.64	-46.51	115.9	10.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	12/18/2023 12:15	54.4	42.1	0.0	3.5	-0.02	-0.12	-46.84	112.9	10.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW189	12/6/2023 12:29	45.5	37.9	0.2	16.4	-3.52	-3.15	-45.22	123.7	18.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	12/18/2023 12:06	53.5	39.4	0.3	6.8	-2.08	-2.86	-46.36	122.2	17.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW190	12/7/2023 10:41	49.0	38.2	0.1	12.7	-12.34	-12.38	-45.85	126.2	27.2	Valve Adjustment:No Change

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW190	12/15/2023 12:18	50.9	38.8	0.1	10.2	-11.60	-11.66	-44.67	126.1	26.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW191	12/5/2023 14:37	42.5	38.9	0.0	18.6	-3.82	-3.41	-48.64	121.9	21.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW191	12/18/2023 11:01	50.9	40.7	0.0	8.4	-1.66	-1.69	-49.98	120.2	5.9	Valve Adjustment:No Change
OXMEW192	12/5/2023 12:39	35.2	38.6	0.0	26.2	-13.64	-13.55	-36.94	94.4	13.2	Valve Adjustment:No Change,Valve 25% open
OXMEW192	12/18/2023 12:08	38.2	35.2	0.0	26.6	-16.83	-16.79	-50.86	95.3	14.8	Valve Adjustment:No Change,Valve 20% open
OXMEW192	12/18/2023 12:14	36.6	35.3	0.0	28.1	-16.42	-13.96	-50.66	94.8	18.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXMEW194	12/8/2023 9:06	54.3	39.6	0.6	5.5	-33.42	-33.42	-33.29	83.2	17.4	Valve Adjustment:No Change
OXMEW194	12/19/2023 13:08	52.4	39.0	0.5	8.1	-39.95	-39.95	-39.74	84.6	15.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	12/7/2023 10:02	45.2	36.9	0.0	17.9	-10.34	-9.57	-44.59	105.2	9.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	12/19/2023 10:16	49.5	37.6	0.0	12.9	-9.52	-9.47	-43.05	92.7	68.2	Valve Adjustment:No Change
OXMEW199	12/7/2023 10:12	45.0	37.0	0.0	18.0	-10.48	-9.56	-41.56	125.1	44.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	12/15/2023 11:55	47.5	38.1	0.0	14.4	-7.34	-7.16	-40.13	124.5	30.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	12/4/2023 10:48	51.7	40.7	0.0	7.6	-0.11	-0.11	-47.01	107.9	26.0	Valve Adjustment:No Change
OXMEW200	12/19/2023 10:27	55.7	43.3	0.0	1.0	-0.06	-0.16	-46.19	91.8	36.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW201	12/6/2023 12:41	50.5	40.3	0.0	9.2	-0.08	-0.07	-45.97	94.8	5.4	Valve Adjustment:No Change
OXMEW201	12/18/2023 12:27	53.1	39.5	0.0	7.4	-0.02	-0.08	-47.14	94.5	17.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW203	12/13/2023 12:09	47.8	34.4	1.9	15.9	-40.29	-40.34	-43.35	77.7	2.1	Valve Adjustment:No Change,Valve 25% open
OXMEW203	12/18/2023 12:47	48.3	37.6	0.7	13.4	-44.80	-44.91	-47.81	75.6	17.3	Valve Adjustment:No Change
OXMEW204	12/6/2023 10:18	58.0	40.5	0.0	1.5	-0.55	-0.74	-46.87	85.4	34.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW204	12/19/2023 10:58	58.6	39.4	0.0	2.0	-0.77	-0.89	-44.72	77.2	59.5	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXMEW205</b>	12/6/2023 12:36	51.8	45.2	0.1	2.9	-0.01	-0.02	-45.44	128.0	9.9	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXMEW205</b>	12/19/2023 10:45	53.2	45.3	0.1	1.4	-0.01	-0.05	-45.49	108.3	11.7	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXMEW209</b>	12/6/2023 12:07	55.3	40.2	0.0	4.5	-36.36	-36.68	-44.56	135.6	61.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
<b>OXMEW209</b>	12/18/2023 11:33	56.4	40.5	0.1	3.0	-38.01	-38.03	-46.76	135.4	65.3	Valve Adjustment:No Change,Valve 100% open
OXMEW210	12/1/2023 10:36	55.8	38.7	0.2	5.3	-40.17	-40.18	-42.71	123.9	1.7	Valve Adjustment:No Change,Valve 100% open
OXMEW210	12/6/2023 11:13	52.6	39.0	0.0	8.4	-42.58	-42.64	-45.18	123.8	6.2	Valve Adjustment:No Change,Valve 100% open
OXMEW210	12/18/2023 10:28	54.9	39.2	0.0	5.9	-44.55	-44.60	-47.08	124.2	9.3	Valve Adjustment:No Change,Valve 100% open
OXMEW300	12/6/2023 11:41	53.0	36.6	0.6	9.8	-45.91	-46.06	-46.21	103.5	27.0	Valve Adjustment:No Change,Valve 100% open
OXMEW300	12/18/2023 11:00	55.7	37.0	0.5	6.8	-47.10	-47.27	-47.45	103.3	27.2	Valve Adjustment:No Change,Valve 100% open
OXMEW302	12/6/2023 11:27	41.0	35.2	0.0	23.8	-2.26	-2.13	-46.07	81.2	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	12/18/2023 11:12	51.4	35.7	0.0	12.9	-1.36	-1.42	-47.49	74.7	1.7	Valve Adjustment:No Change
OXMEW306	12/1/2023 10:52	25.9	31.3	0.8	42.0	-1.31	-1.31	-43.26	64.2	2.9	Valve Adjustment:Closed valve 1/2 turn or less



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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW306	12/6/2023 11:03	10.9	22.7	0.6	65.8	-1.49	-1.48	-46.07	59.6	5.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	12/18/2023 10:23	35.2	32.0	0.0	32.8	-2.35	-2.07	-47.43	97.4	9.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	12/7/2023 13:07	59.6	40.2	0.2	0.0	-45.82	-45.83	-47.42	78.9	3.4	Valve Adjustment:No Change,Valve 100% open
OXMEW307	12/19/2023 11:13	57.1	39.5	0.2	3.2	-46.44	-46.35	-46.79	81.5	1.1	Valve Adjustment:No Change,Valve 100% open
OXMEW309	12/6/2023 12:04	40.8	34.7	0.0	24.5	-7.04	-7.00	-45.90	98.1	5.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	12/18/2023 11:29	35.5	27.7	4.9	31.9	-6.65	-6.59	-47.60	61.6	4.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW310	12/7/2023 9:55	44.7	37.8	0.0	17.5	-15.31	-13.69	-44.38	117.3	265.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	12/19/2023 10:09	47.8	38.3	0.0	13.9	-10.88	-11.03	-44.61	116.0	246.2	Valve Adjustment:No Change
OXMEW311	12/6/2023 10:40	46.4	37.6	0.0	16.0	-43.99	-43.71	-46.18	117.6	32.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	12/18/2023 9:51	50.7	37.1	0.0	12.2	-44.50	-44.47	-47.20	117.7	33.6	Valve Adjustment:No Change
OXMEW312	12/7/2023 10:32	46.2	36.2	0.0	17.6	-3.40	-3.16	-46.43	100.7	16.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	12/15/2023 12:08	50.3	38.7	0.0	11.0	-2.37	-2.40	-46.51	93.7	7.9	Valve Adjustment:No Change
OXMEW315	12/7/2023 11:06	46.1	37.0	0.0	16.9	-45.23	-44.66	-46.03	120.4	19.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	12/7/2023 11:10	46.3	37.0	0.0	16.7	-44.54	-44.27	-46.16	120.3	21.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	12/15/2023 12:42	48.7	37.9	0.0	13.4	-43.51	-43.77	-45.31	120.7	20.9	Valve Adjustment:No Change
OXMEW316	12/7/2023 9:17	58.4	40.1	0.0	1.5	-40.98	-40.93	-44.10	114.2	12.0	Valve Adjustment:No Change,Valve 100% open
OXMEW316	12/19/2023 9:36	58.0	41.0	0.0	1.0	-40.21	-40.35	-42.69	113.1	27.3	Valve Adjustment:No Change,Valve 100% open
OXMEW317	12/7/2023 9:23	58.1	39.8	0.0	2.1	-43.95	-44.28	-43.99	102.1	13.8	Valve Adjustment:No Change,Valve 100% open
OXMEW317	12/19/2023 9:43	58.4	40.4	0.0	1.2	-43.06	-43.23	-43.15	101.4	31.1	Valve Adjustment:No Change,Valve 100% open
OXMEW318	12/7/2023 9:38	48.1	38.2	0.0	13.7	-2.62	-2.63	-44.54	106.5	10.1	Valve Adjustment:No Change
OXMEW318	12/19/2023 9:55	50.9	38.8	0.0	10.3	-2.82	-2.79	-43.95	105.8	10.1	Valve Adjustment:No Change
OXMEW319	12/7/2023 9:49	46.4	36.7	0.0	16.9	-13.46	-12.67	-44.60	105.7	14.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	12/19/2023 10:04	51.0	37.7	0.0	11.3	-11.49	-11.57	-44.12	103.9	11.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	12/7/2023 11:56	56.1	41.7	0.0	2.2	-46.02	-46.00	-45.87	123.0	11.9	Valve Adjustment:No Change,Valve 100% open
OXMEW320	12/15/2023 11:40	56.8	41.9	0.0	1.3	-45.94	-45.85	-45.81	123.1	10.7	Valve Adjustment:No Change,Valve 100% open
OXMEW322	12/7/2023 9:13	51.7	38.8	0.0	9.5	-44.96	-44.71	-46.04	116.7	24.2	Valve Adjustment:No Change,Valve 100% open
OXMEW322	12/19/2023 9:27	52.7	38.7	0.0	8.6	-43.56	-43.56	-44.54	115.8	21.7	Valve Adjustment:No Change,Valve 100% open
OXMEW323	12/7/2023 9:01	58.3	38.0	0.1	3.6	-40.48	-40.49	-44.06	112.2	9.3	Valve Adjustment:No Change,Valve 100% open
OXMEW323	12/20/2023 9:13	58.0	41.2	0.1	0.7	-36.03	-36.22	-38.62	107.4	27.7	Valve Adjustment:No Change,Valve 100% open
OXMEW328	12/7/2023 10:48	56.0	41.5	0.2	2.3	-30.95	-32.86	-31.36	70.6	12.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	12/20/2023 12:52	54.2	36.7	0.1	9.0	-27.64	-27.52	-27.74	59.5	10.3	Valve Adjustment:No Change
OXMEWHC1	12/7/2023 13:01	58.0	41.3	0.7	0.0	-44.93	-44.44	-45.54	54.9	N/A	Valve Adjustment:No Change,Valve 100% open

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..	Deg. F.	scfm	
OXMEWHC1	12/20/2023 9:52	49.9	35.8	0.3	14.0	-40.76	-40.92	-40.89	56.8	N/A	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	12/6/2023 12:45	54.9	41.4	0.2	3.5	-45.49	-45.51	-46.07	65.8	13.8	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	12/19/2023 10:47	53.1	39.9	0.1	6.9	-45.91	-45.91	-45.79	64.2	7.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	12/19/2023 10:52	55.8	44.0	0.0	0.2	-45.27	-45.29	-45.84	61.2	8.5	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	12/6/2023 12:37	55.7	41.8	0.2	2.3	-46.10	-46.17	-46.50	60.5	5.4	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	12/6/2023 12:42	56.2	42.1	0.1	1.6	-46.48	-46.48	-46.40	59.6	5.3	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	12/6/2023 12:51	55.8	41.8	0.1	2.3	-45.71	-45.74	-46.23	58.9	1.5	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	12/19/2023 10:56	55.6	41.7	0.4	2.3	-44.53	-44.42	-45.32	58.6	2.2	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	12/5/2023 12:26	49.9	44.2	1.9	4.0	-3.69	-3.69	-36.20	76.3	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEWW08	12/18/2023 11:57	51.4	40.8	0.3	7.5	-3.59	-3.59	-49.78	62.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEWW18	12/13/2023 13:26	57.4	38.5	0.2	3.9	-39.34	-39.37	-39.39	67.3	2.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW18	12/13/2023 13:32	53.9	37.4	2.1	6.6	-39.55	-39.58	-40.55	66.6	2.0	Valve Adjustment:No Change,Valve 100% open
OXMEWW18	12/19/2023 11:20	58.0	40.9	0.0	1.1	-43.66	-43.68	-44.44	60.5	1.9	Valve Adjustment:No Change,Valve 100% open
OXMEWW1G	12/6/2023 10:52	45.5	38.6	0.7	15.2	-22.55	-22.27	-45.84	81.3	10.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEWW1G	12/19/2023 10:41	48.9	39.2	0.4	11.5	-22.82	-22.82	-45.89	80.5	10.4	Valve Adjustment:No Change,Valve 10% open
OXMEWW1S	12/6/2023 12:55	55.4	40.4	0.1	4.1	-25.41	-25.07	-42.85	66.1	19.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	12/19/2023 11:09	56.8	40.2	0.0	3.0	-24.65	-24.65	-42.27	65.7	17.2	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXMHCF03	12/1/2023 14:01	55.5	40.9	0.1	3.5	-47.27	-47.19	-47.40	67.9	2.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	12/20/2023 10:17	59.0	39.5	0.0	1.5	-43.96	-44.64	-46.22	77.6	10.1	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	12/1/2023 14:03	59.1	40.5	0.4	0.0	-45.89	-45.87	-46.65	85.7	48.6	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	12/20/2023 10:13	58.9	40.4	0.1	0.6	-45.95	-45.93	-46.21	52.1	5.7	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	12/6/2023 8:58	57.4	39.3	0.0	3.3	-47.80	-47.85	-47.79	52.9	0.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	12/19/2023 9:44	55.3	39.0	0.3	5.4	-47.06	-47.03	-46.94	56.3	0.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	12/6/2023 10:10	56.2	43.8	0.0	0.0	-47.98	-48.02	-48.20	57.8	1.1	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	12/6/2023 10:14	54.0	41.8	0.7	3.5	-47.79	-47.74	-48.08	57.6	0.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	12/18/2023 12:49	55.7	37.8	0.2	6.3	-50.04	-50.00	-50.04	59.5	1.0	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	12/4/2023 12:51	37.7	35.3	0.1	26.9	-31.82	-30.83	-48.67	77.0	6.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMPEW32	12/14/2023 14:31	34.4	37.4	0.0	28.2	-24.38	-24.36	-38.83	72.7	5.6	Valve Adjustment:No Change,Valve at minimum position
OXMPEW33	12/6/2023 12:17	34.0	33.8	0.1	32.1	-9.56	-7.85	-48.50	81.5	20.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMPEW33	12/18/2023 12:20	42.0	36.9	0.0	21.1	-7.12	-6.46	-51.06	79.8	16.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
<b>OXMPEW35</b>	12/6/2023 9:42	43.7	38.9	0.1	17.3	-33.51	-32.49	-44.27	122.1	25.6	Valve Adjustment:Closed valve 1/2 turn or less
<b>OXMPEW35</b>	12/19/2023 10:04	46.1	40.4	0.0	13.5	-35.87	-35.85	-42.73	122.1	37.3	Valve Adjustment:Closed valve 1/2 turn or less

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..	Deg. F.	scfm	
OXMPEW44	12/6/2023 12:59	58.2	41.1	0.7	0.0	-46.95	-46.96	-47.07	56.2	0.4	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	12/19/2023 11:14	57.3	40.9	0.0	1.8	-46.42	-46.42	-46.11	56.3	1.1	Valve Adjustment:No Change,Valve 100% open
OXSS2032	12/8/2023 10:37	52.5	47.3	0.0	0.2	-2.37	-2.36	-38.76	67.6	31.4	Valve Adjustment:No Change,Valve 25% open
OXSS2032	12/21/2023 11:12	52.4	46.1	0.0	1.5	-3.25	-3.24	-39.41	66.5	33.3	Valve Adjustment:No Change,Valve 30% open
OXSS2033	12/8/2023 10:03	61.6	37.8	0.6	0.0	-17.60	-17.56	-29.42	62.9	32.5	Valve Adjustment:No Change,Valve 100% open
OXSS2033	12/21/2023 10:21	59.7	38.6	1.7	0.0	-24.47	-24.49	-42.75	64.5	39.5	Valve Adjustment:No Change,Valve 100% open
OXSS2033	12/21/2023 10:26	60.6	36.4	1.9	1.1	-28.35	-28.37	-35.86	64.3	35.1	Valve Adjustment:No Change,Valve 100% open
OXSS2034	12/8/2023 10:00	55.8	36.2	0.3	7.7	-26.92	-26.93	-27.14	61.7	8.8	Valve Adjustment:No Change,Valve 100% open
OXSS2034	12/21/2023 10:07	59.8	34.6	0.3	5.3	-40.27	-40.29	-39.94	61.4	13.3	Valve Adjustment:No Change,Valve 100% open
OXSS2034	12/21/2023 10:11	58.6	35.8	0.7	4.9	-44.87	-44.84	-43.94	61.2	6.5	Valve Adjustment:No Change,Valve 100% open
OXSS2034	12/21/2023 10:17	59.9	37.3	0.0	2.8	-38.63	-38.60	-43.47	62.5	13.5	Valve Adjustment:No Change,Valve 100% open
OXSS2215	12/13/2023 10:47	37.8	29.0	5.2	28.0	-0.08	-0.05	-37.92	84.0	9.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXSS2215	12/13/2023 10:51	37.6	29.2	5.2	28.0	-0.06	-0.06	-38.31	84.1	8.3	Valve Adjustment:NSPS,No Change,Valve at minimum position
OXSS2215	12/21/2023 11:25	58.1	39.3	2.6	0.0	-0.19	-0.19	-41.74	76.1	9.2	Valve Adjustment:No Change,Valve at minimum position
OXSS2215	12/21/2023 11:26	41.6	31.6	4.8	22.0	-0.21	-0.21	-42.59	76.0	9.3	Valve Adjustment:No Change,Valve at minimum position
OXSS2216	12/1/2023 9:54	43.4	35.7	3.2	17.7	-0.93	-0.93	-41.57	63.8	6.9	Valve Adjustment:No Change,Valve at minimum position
OXSS2216	12/15/2023 14:19	40.7	34.5	4.8	20.0	-0.75	-0.75	-45.90	62.9	6.9	Valve Adjustment:No Change,Valve at minimum position

<sup>1</sup> - Oxygen is only required to be monitored per NESHAP Subpart AAAA 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, OXMPEW35
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≤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, <del>OXLCS04</del> , OXLCS4A, OXLCS4B, <del>OXLCS05</del> , <del>OXLCS06</del> , OXLCS07, <del>OXMEWHC6</del> , <del>OXMTBTC1</del> , <del>OXMEWW47</del> , and <del>OXMHCF06</del> .
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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, <del>OXLCS04</del> , OXLCS4A, OXLCS4B, <del>OXLCS05</del> , <del>OXLCS06</del> , and OXLCS07.
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\*Wells that have been decommissioned are noted with a strikethrough.

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - January 2, 3, 4, 5, 8, 9, 10, 12, 16, 17, 18, 19, 22, 23, 24, 25, 29, and 30, 2024.

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..	Deg. F.	scfm	
OMLEW101	1/12/2024 10:21	50.8	37.6	1.8	9.8	-3.51	-3.36	-45.53	70.1	38.1	Valve Adjustment:No Change,Valve at minimum position
OMLEW101	1/24/2024 12:22	52.6	34.9	1.7	10.8	-2.93	-2.94	-36.93	69.3	20.0	Valve Adjustment:No Change,Valve at minimum position
OMLEW104	1/4/2024 10:42	45.4	36.8	1.5	16.3	-42.82	-42.82	-47.24	83.6	50.7	Valve Adjustment:No Change
OMLEW104	1/17/2024 12:52	31.4	26.6	3.1	38.9	-36.45	-36.47	-39.48	81.4	44.2	Valve Adjustment:No Change
OMLEW107	1/4/2024 10:44	56.5	39.0	0.1	4.4	-46.69	-46.73	-46.96	56.7	3.1	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	1/17/2024 12:54	52.3	32.3	0.2	15.2	-39.28	-39.28	-39.27	64.3	0.0	Valve Adjustment:No Change
OMLFEW59	1/4/2024 13:06	52.1	40.5	0.0	7.4	-0.98	-1.03	-33.01	103.5	9.2	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW59	1/22/2024 12:49	56.8	35.8	0.2	7.2	-0.21	-0.22	-29.22	101.4	9.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OMLFEW72	1/4/2024 10:28	48.9	36.1	0.1	14.9	-7.74	-7.96	-47.05	58.2	7.9	Valve Adjustment:No Change,Valve at minimum position
OMLFEW72	1/17/2024 12:22	48.7	34.1	0.5	16.7	-2.17	-2.19	-39.92	57.3	6.7	Valve Adjustment:No Change,Valve 5% open
OMLFEW99	1/5/2024 9:12	45.6	36.5	0.2	17.7	-1.01	-0.94	-49.99	64.2	12.6	Valve Adjustment:Closed valve 1/2 turn or less
OMLFEW99	1/29/2024 15:34	45.0	34.7	0.2	20.1	-1.07	-0.89	-46.46	66.6	11.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS01</b>	1/4/2024 10:14	21.6	19.4	9.2	49.8	-0.83	-0.70	-45.95	62.4	7.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS01</b>	1/17/2024 12:29	36.2	30.2	7.3	26.3	-0.78	-0.78	-41.18	64.8	8.7	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS02</b>	1/4/2024 9:52	36.8	30.6	2.1	30.5	-0.70	-0.69	-46.87	67.6	12.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS02</b>	1/17/2024 12:41	43.1	32.7	2.7	21.5	-0.66	-0.66	-42.91	69.0	11.5	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS03</b>	1/4/2024 9:47	32.1	27.3	2.1	38.5	-0.90	-0.77	-48.01	67.7	8.0	Valve Adjustment:Valve at minimum position,Opened valve >10%
<b>OMTLTS03</b>	1/17/2024 12:43	37.9	30.1	2.3	29.7	-0.80	-0.80	-42.19	67.8	7.6	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS04</b>	1/3/2024 10:24	5.9	6.7	13.6	73.8	-0.53	-0.53	-43.76	60.2	0.4	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS04</b>	1/3/2024 10:29	13.7	15.8	4.2	66.3	-0.56	-0.55	-43.19	61.2	2.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS04</b>	1/18/2024 12:47	5.3	10.5	11.7	72.5	-0.19	-0.19	-42.08	58.5	0.1	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS05</b>	1/3/2024 10:20	5.1	6.2	13.9	74.8	-0.57	-0.57	-43.16	62.9	0.3	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS05</b>	1/18/2024 12:50	10.2	12.8	4.5	72.5	-0.19	-0.19	-41.19	58.1	0.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS06</b>	1/3/2024 10:16	6.0	8.1	14.6	71.3	-0.61	-0.60	-41.12	73.6	7.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS06</b>	1/18/2024 12:52	26.9	22.7	1.8	48.6	-0.21	-0.21	-43.70	84.7	9.9	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS07</b>	1/3/2024 10:05	19.8	21.8	7.7	50.7	-0.79	-0.78	-41.55	66.0	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS07</b>	1/16/2024 9:36	32.5	25.8	7.3	34.4	-0.33	-0.33	-39.32	54.0	0.5	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS07</b>	1/18/2024 13:04	35.3	30.0	6.2	28.5	-0.05	-0.05	-39.43	57.7	7.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS08</b>	1/3/2024 9:42	23.4	22.5	2.4	51.7	-0.95	-0.94	-41.58	83.6	11.4	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS08</b>	1/18/2024 13:05	28.7	25.2	6.6	39.5	-0.05	-0.04	-37.23	56.1	9.1	Valve Adjustment:No Change,Valve at minimum position

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..	Deg. F.	scfm	
OMTLTS09	1/3/2024 9:38	7.9	8.9	12.2	71.0	-0.79	-0.79	-39.11	66.1	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	1/17/2024 10:37	1.1	11.1	5.2	82.6	-0.30	-0.30	-39.39	60.0	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	1/3/2024 11:21	13.7	10.6	2.0	73.7	-0.85	-0.84	-40.03	64.4	3.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	1/17/2024 10:33	16.8	19.6	2.0	61.6	-0.34	-0.34	-38.08	58.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	1/3/2024 11:11	2.5	3.6	13.6	80.3	-0.84	-0.84	-40.26	62.2	0.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	1/23/2024 9:42	11.0	8.3	12.6	68.1	-0.39	-0.39	-39.65	58.2	1.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	1/3/2024 13:23	5.2	7.5	14.1	73.2	-0.74	-0.74	-37.15	84.8	7.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	1/17/2024 10:22	7.6	9.2	11.8	71.4	-0.68	-0.49	-39.52	81.3	5.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OMTLTS15	1/3/2024 13:13	9.3	8.5	14.1	68.1	-0.88	-0.88	-40.35	71.1	2.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	1/23/2024 12:36	25.0	18.8	13.6	42.6	-0.12	-0.12	-39.90	63.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	1/3/2024 13:07	11.4	14.0	10.1	64.5	-0.76	-0.77	-24.78	60.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	1/17/2024 10:15	4.8	17.2	3.4	74.6	-0.70	-0.69	-29.03	59.1	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	1/3/2024 13:02	16.5	22.0	0.3	61.2	-0.94	-0.92	-38.71	68.5	8.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	1/17/2024 10:05	9.4	20.8	0.2	69.6	-1.11	-0.88	-41.46	67.5	8.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS18	1/3/2024 12:43	33.4	25.3	3.2	38.1	-1.93	-1.39	-37.84	85.5	35.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OMTLTS18	1/17/2024 9:58	21.1	20.9	5.9	52.1	-3.02	-1.24	-42.43	77.5	24.2	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OMTLTS19	1/3/2024 12:48	41.6	29.1	1.8	27.5	-0.79	-0.78	-38.47	72.1	8.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS19	1/17/2024 9:54	27.6	22.2	3.8	46.4	-1.55	-1.42	-42.28	69.1	86.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	1/3/2024 12:53	14.3	13.9	11.1	60.7	-0.69	-0.66	-38.98	72.2	9.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	1/23/2024 12:53	46.9	28.1	0.4	24.6	-0.07	-0.07	-43.09	79.9	8.2	Valve Adjustment:No Change,Valve at minimum position
OXE2022R	1/12/2024 10:02	52.3	39.6	0.5	7.6	-45.26	-45.29	-43.02	59.0	1.0	Valve Adjustment:Opened valve 1/2 turn or less
OXE2022R	1/18/2024 10:06	56.9	40.1	0.3	2.7	-34.13	-41.82	-39.46	61.4	2.1	Valve Adjustment:No Change,Valve 10% open
OXEW133B	1/4/2024 9:08	1.9	11.4	10.6	76.1	-8.65	-8.56	-46.09	62.5	86.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW133B	1/4/2024 9:15	1.7	11.7	9.9	76.7	-8.44	-8.19	-47.12	62.3	78.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW133B	1/16/2024 9:06	7.4	16.5	4.9	71.2	-6.32	-5.28	-41.22	59.8	76.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	1/4/2024 9:18	44.2	35.5	0.2	20.1	-10.59	-11.17	-47.41	64.5	41.4	Valve Adjustment:No Change
OXEW134A	1/16/2024 9:08	34.1	29.8	0.2	35.9	-9.53	-9.32	-41.96	60.0	13.4	Valve Adjustment:No Change
OXEW134B	1/4/2024 9:20	47.1	37.5	0.1	15.3	-35.36	-35.30	-44.67	53.9	57.5	Valve Adjustment:No Change
OXEW134B	1/16/2024 9:10	44.7	35.4	0.7	19.2	-23.52	-25.65	-42.72	54.5	10.0	Valve Adjustment:No Change
OXEW137B	1/3/2024 9:58	58.4	37.7	0.4	3.5	-39.23	-39.29	-39.51	67.9	10.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW137B	1/18/2024 12:56	56.0	37.2	0.8	6.0	-41.65	-40.88	-40.93	63.7	15.1	Valve Adjustment:No Change
OXEW1601	1/9/2024 13:28	58.0	38.2	0.6	3.2	-10.13	-10.63	-40.46	122.4	100.7	Valve Adjustment:Opened valve 1/2 turn or less

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..	Deg. F.	scfm	
OXEW1601	1/29/2024 13:30	53.3	37.1	0.4	9.2	-13.94	-14.00	-40.79	121.1	85.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	1/5/2024 9:27	55.2	38.7	0.6	5.5	-26.90	-26.90	-46.83	126.9	22.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	1/29/2024 13:55	55.5	39.5	0.6	4.4	-23.63	-23.57	-42.07	127.7	22.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	1/9/2024 13:46	57.0	37.2	0.8	5.0	-36.61	-36.70	-36.47	106.0	5.7	Valve Adjustment:No Change,Valve 100% open
OXEW1603	1/16/2024 9:50	56.5	41.8	0.0	1.7	-36.35	-37.02	-37.04	92.7	10.7	Valve Adjustment:No Change,Valve 100% open
OXEW1604	1/9/2024 13:58	53.3	38.5	0.1	8.1	-3.82	-3.82	-31.08	126.4	151.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	1/29/2024 14:08	53.8	37.6	0.3	8.3	-4.71	-4.89	-38.01	126.9	164.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1611	1/8/2024 10:35	27.0	19.2	11.3	42.5	-14.25	-14.25	-34.94	60.0	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1611	1/8/2024 10:36	23.6	19.1	14.5	42.8	-12.42	-12.69	-34.98	60.5	2.3	Valve Adjustment:NSPS,No Change,Valve at minimum position
OXEW1611	1/16/2024 10:30	50.2	35.8	1.8	12.2	-5.79	-5.76	-31.69	55.2	4.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1612	1/5/2024 9:10	57.0	38.1	0.5	4.4	-45.21	-45.20	-46.06	123.8	18.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1612	1/29/2024 15:08	54.2	38.2	0.6	7.0	-41.38	-41.37	-42.00	126.2	23.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	1/9/2024 14:02	52.3	38.8	0.8	8.1	-33.83	-34.04	-36.78	122.9	81.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	1/29/2024 14:16	47.3	35.6	1.4	15.7	-39.29	-38.78	-41.63	122.9	98.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	1/5/2024 9:59	45.3	37.6	0.6	16.5	-1.92	-1.91	-46.03	111.5	10.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	1/29/2024 14:24	53.1	39.7	0.1	7.1	-1.04	-1.23	-41.82	109.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	1/12/2024 9:00	53.9	39.3	0.0	6.8	-23.34	-23.84	-36.43	114.9	20.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	1/18/2024 10:26	57.9	38.6	3.5	0.0	-24.29	-24.39	-33.27	113.3	22.4	Valve Adjustment:No Change
OXEW1617	1/5/2024 10:31	54.1	38.5	0.0	7.4	-3.28	-3.85	-46.70	128.7	15.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1617	1/19/2024 10:17	56.6	38.2	0.2	5.0	-3.07	-3.07	-40.84	128.5	17.0	Valve Adjustment:No Change,Valve 20% open
<b>OXEW1618</b>	1/5/2024 9:55	49.2	37.1	0.2	13.5	-2.50	-2.50	-45.70	128.4	22.2	Valve Adjustment:No Change,Valve 25% open
<b>OXEW1618</b>	1/29/2024 14:46	54.6	39.7	0.0	5.7	-0.43	-1.41	-41.40	126.8	17.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1619	1/3/2024 10:48	57.8	38.3	0.1	3.8	-42.53	-42.54	-43.57	117.7	10.1	Valve Adjustment:No Change,Valve 100% open
OXEW1619	1/3/2024 10:53	58.3	39.8	0.0	1.9	-42.72	-42.71	-43.77	117.3	14.7	Valve Adjustment:No Change,Valve 100% open
OXEW1619	1/24/2024 11:05	54.7	41.5	1.0	2.8	-42.35	-42.37	-43.48	113.3	14.8	Valve Adjustment:No Change,Valve 100% open
OXEW1620	1/3/2024 11:00	48.5	33.3	3.6	14.6	-0.93	-0.95	-43.86	111.9	0.9	Valve Adjustment:No Change,Valve 20% open
OXEW1620	1/3/2024 11:07	52.4	33.1	2.6	11.9	-1.77	-3.67	-43.42	113.3	2.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1620	1/24/2024 11:09	47.5	36.5	3.8	12.2	-1.12	-1.12	-43.57	58.7	2.4	Valve Adjustment:No Change,Valve 25% open
OXEW1621	1/9/2024 10:20	53.0	40.3	0.0	6.7	-0.36	-0.37	-46.18	112.7	12.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1621	1/24/2024 10:54	52.2	38.7	0.1	9.0	-0.71	-0.72	-43.70	117.1	29.0	Valve Adjustment:No Change
OXEW1622	1/3/2024 10:41	43.6	32.3	4.5	19.6	-37.10	-37.19	-43.39	115.9	26.9	Valve Adjustment:No Change
OXEW1622	1/18/2024 12:30	48.0	35.0	3.8	13.2	-36.19	-36.19	-42.59	113.6	25.4	Valve Adjustment:No Change

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1701	1/12/2024 10:34	53.8	39.7	0.1	6.4	-42.40	-42.41	-42.89	119.4	16.4	Valve Adjustment:No Change,Valve 100% open
OXEW1701	1/18/2024 10:46	52.9	37.7	0.2	9.2	-39.72	-39.54	-39.90	118.3	15.8	Valve Adjustment:No Change,Valve 100% open
OXEW1702	1/12/2024 10:17	56.5	41.4	0.0	2.1	-39.11	-39.31	-41.85	124.5	38.1	Valve Adjustment:No Change,Valve 100% open
OXEW1702	1/18/2024 9:54	52.9	36.5	0.1	10.5	-35.64	-35.52	-38.35	123.3	37.1	Valve Adjustment:No Change,Valve 100% open
OXEW1703	1/12/2024 9:59	56.2	40.5	0.1	3.2	-42.50	-42.39	-42.57	79.1	8.2	Valve Adjustment:No Change,Valve 100% open
OXEW1703	1/18/2024 10:02	57.5	37.7	0.1	4.7	-36.67	-36.54	-36.73	72.4	3.7	Valve Adjustment:No Change,Valve 100% open
OXEW1705	1/12/2024 9:16	56.0	41.1	0.1	2.8	-42.27	-42.68	-42.93	99.9	12.7	Valve Adjustment:No Change,Valve 100% open
OXEW1705	1/16/2024 9:29	56.5	41.8	0.0	1.7	-36.92	-37.35	-37.43	101.2	5.1	Valve Adjustment:No Change,Valve 100% open
OXEW1716	1/4/2024 12:19	56.3	40.6	0.6	2.5	-44.63	-44.64	-45.07	63.4	0.6	Valve Adjustment:No Change,Valve 100% open
OXEW1716	1/22/2024 13:06	57.6	40.1	0.0	2.3	-38.48	-38.48	-38.40	77.3	3.0	Valve Adjustment:No Change,Valve 100% open
OXEW1717	1/12/2024 9:24	57.0	38.0	1.9	3.1	-23.34	-23.31	-50.60	99.7	16.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1717	1/25/2024 10:39	48.4	38.8	2.5	10.3	-5.67	-5.69	-49.05	99.6	9.5	Valve Adjustment:No Change,Valve 20% open
OXEW1801	1/5/2024 10:20	50.4	35.7	0.1	13.8	-11.00	-10.98	-46.20	118.7	10.7	Valve Adjustment:No Change,Valve 20% open
OXEW1801	1/29/2024 14:32	50.9	38.2	0.0	10.9	-9.96	-9.92	-41.82	120.4	10.4	Valve Adjustment:No Change,Valve 20% open
OXEW1804	1/5/2024 9:42	52.1	38.1	0.8	9.0	-43.79	-43.76	-45.77	125.1	10.0	Valve Adjustment:No Change,Valve 100% open
OXEW1804	1/5/2024 9:47	57.5	40.3	0.2	2.0	-43.44	-43.44	-45.74	124.9	20.3	Valve Adjustment:No Change,Valve 100% open
OXEW1804	1/29/2024 14:50	55.8	40.6	0.2	3.4	-39.91	-39.92	-41.78	122.8	17.2	Valve Adjustment:No Change,Valve 100% open
OXEW1805	1/5/2024 9:35	51.3	37.0	0.2	11.5	-37.65	-37.73	-45.74	118.0	26.3	Valve Adjustment:No Change,Valve 65% open
OXEW1805	1/29/2024 14:56	56.0	39.0	0.1	4.9	-40.90	-40.78	-42.09	112.1	11.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXEW1806	1/9/2024 10:49	45.7	36.6	0.0	17.7	-0.42	-0.41	-46.74	116.4	10.3	Valve Adjustment:No Change,Valve 10% open
OXEW1806	1/24/2024 10:32	45.3	37.1	0.0	17.6	-1.16	-1.16	-43.76	115.1	12.6	Valve Adjustment:No Change,Valve 10% open
OXEW1807	1/12/2024 10:23	50.7	38.8	0.1	10.4	-23.78	-23.70	-47.34	129.0	33.2	Valve Adjustment:No Change
OXEW1807	1/18/2024 10:17	54.6	34.8	3.7	6.9	-21.75	-21.85	-42.74	127.9	30.9	
OXEW1807	1/18/2024 10:17	53.8	34.4	0.3	11.5	-21.91	-21.91	-43.66	127.8	31.4	Valve Adjustment:No Change,Valve 35% open
OXEW1809	1/5/2024 12:36	50.6	35.7	2.7	11.0	-39.77	-39.81	-44.02	110.3	43.8	Valve Adjustment:No Change,Valve 100% open
OXEW1809	1/29/2024 13:17	57.2	39.3	0.3	3.2	-37.05	-37.09	-40.70	110.1	36.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1810	1/10/2024 11:40	5.2	4.6	14.5	75.7	-1.76	-0.97	-44.40	53.4	0.2	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1810	1/10/2024 12:26	2.1	2.6	17.2	78.1	-0.82	-0.20	-44.22	52.7	0.7	Valve Adjustment:NSPS,Valve at minimum position
OXEW1810	1/22/2024 12:33	3.1	4.6	16.0	76.3	-1.50	-1.45	-39.42	61.2	1.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1810	1/22/2024 12:34	2.6	3.5	16.7	77.2	-0.48	-0.48	-39.85	61.5	0.9	Valve Adjustment:NSPS,No Change,Valve at minimum position
OXEW1811	1/5/2024 11:06	52.3	37.3	2.1	8.3	-3.42	-3.42	-46.12	66.6	10.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1811	1/19/2024 11:01	58.0	38.8	0.5	2.7	-1.51	-1.51	-36.91	56.1	10.0	Valve Adjustment:No Change,Valve at minimum position

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1812	1/4/2024 12:38	49.0	35.4	0.6	15.0	-17.19	-17.19	-45.79	123.8	26.0	Valve Adjustment:No Change,Valve 30% open
OXEW1812	1/24/2024 9:27	52.5	33.5	0.3	13.7	-14.27	-14.27	-40.78	123.2	23.0	Valve Adjustment:No Change,Valve 30% open
OXEW1813	1/12/2024 9:04	56.0	41.7	0.0	2.3	-45.80	-45.69	-46.09	99.0	4.9	Valve Adjustment:No Change,Valve 100% open
OXEW1813	1/18/2024 10:23	57.4	38.3	0.7	3.6	-42.28	-42.24	-42.36	94.6	4.0	Valve Adjustment:No Change,Valve 100% open
OXEW1815	1/12/2024 7:50	48.7	37.6	0.0	13.7	-4.89	-4.71	-47.84	122.0	12.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1815	1/23/2024 13:13	52.1	35.6	0.0	12.3	-4.25	-4.25	-42.90	121.0	11.3	Valve Adjustment:No Change,Valve 15% open
OXEW1816	1/12/2024 11:32	47.0	34.2	0.3	18.5	-20.22	-19.01	-46.66	122.0	81.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 55% open
OXEW1816	1/18/2024 9:52	53.6	36.3	0.0	10.1	-17.04	-17.13	-42.10	122.1	71.7	Valve Adjustment:No Change,Valve 50% open
OXEW1817	1/8/2024 10:06	59.3	36.0	0.0	4.7	-41.53	-41.40	-41.36	116.9	6.1	Valve Adjustment:No Change,Valve 100% open
OXEW1817	1/8/2024 10:10	59.1	38.7	0.0	2.2	-40.30	-40.10	-41.98	117.1	10.4	Valve Adjustment:No Change,Valve 100% open
OXEW1817	1/16/2024 11:09	56.3	40.8	0.0	2.9	-35.97	-35.64	-37.88	117.3	43.6	Valve Adjustment:No Change,Valve 100% open
OXEW1821	1/4/2024 11:41	32.0	24.2	0.0	43.8	-0.06	-0.05	-47.17	64.3	0.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	1/25/2024 11:35	31.5	23.1	0.2	45.2	-0.08	-0.07	-46.71	59.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	1/4/2024 11:45	16.4	21.2	0.0	62.4	-0.05	-0.05	-46.64	64.2	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	1/25/2024 11:32	24.5	24.8	0.0	50.7	-0.05	-0.05	-46.66	62.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	1/4/2024 11:56	38.5	28.7	0.0	32.8	-0.05	-0.03	-47.37	69.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	1/25/2024 11:27	43.6	28.2	0.0	28.2	-0.05	-0.05	-46.91	69.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	1/4/2024 11:14	55.3	32.8	2.8	9.1	-46.83	-46.81	-47.46	66.3	0.7	Valve Adjustment:Valve 100% open,Opened valve >1 turn
OXEW1824	1/22/2024 12:25	57.3	29.1	0.6	13.0	-39.32	-39.31	-39.72	63.6	0.1	Valve Adjustment:No Change,Valve 100% open
OXEW1825	1/4/2024 11:02	51.3	36.0	0.2	12.5	-0.78	-0.85	-47.56	63.9	0.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1825	1/25/2024 11:57	49.8	32.5	0.4	17.3	-1.53	-1.53	-46.56	66.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	1/4/2024 12:52	36.6	32.3	0.1	31.0	-14.15	-14.14	-46.40	85.9	4.9	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	1/4/2024 12:59	35.8	32.5	0.1	31.6	-13.49	-12.96	-46.44	84.2	3.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	1/24/2024 9:40	42.6	31.9	0.0	25.5	-7.03	-7.02	-40.97	59.4	2.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1901	1/12/2024 11:06	61.6	38.3	0.1	0.0	-47.66	-47.66	-47.36	77.7	4.6	Valve Adjustment:No Change,Valve 100% open
OXEW1901	1/12/2024 11:13	60.2	36.5	0.1	3.2	-48.01	-48.01	-47.62	76.7	3.5	Valve Adjustment:No Change,Valve 100% open
OXEW1901	1/23/2024 12:43	55.9	30.7	0.4	13.0	-42.49	-42.46	-42.65	76.4	1.3	Valve Adjustment:No Change,Valve 100% open
OXEW1902	1/12/2024 10:14	48.3	38.0	0.0	13.7	-4.43	-4.33	-43.50	61.2	11.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1902	1/18/2024 9:57	53.6	37.3	0.1	9.0	-3.53	-3.53	-40.34	61.5	11.5	Valve Adjustment:No Change,Valve 5% open
OXEW1904	1/12/2024 10:05	49.1	37.5	0.3	13.1	-21.98	-21.84	-45.37	103.9	57.2	Valve Adjustment:No Change
OXEW1904	1/18/2024 10:08	55.3	39.2	1.1	4.4	-20.20	-20.18	-40.22	99.0	3.8	Valve Adjustment:No Change,Valve 60% open
OXEW1908	1/8/2024 13:52	58.7	38.7	0.0	2.6	-32.47	-32.47	-34.89	104.6	63.6	Valve Adjustment:No Change,Valve 100% open



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..	Deg. F.	scfm	
OXEW1908	1/16/2024 10:21	56.8	40.7	0.0	2.5	-29.34	-29.35	-31.71	105.1	57.0	Valve Adjustment:No Change,Valve 100% open
OXEW1909	1/8/2024 13:46	55.7	37.2	0.0	7.1	-23.92	-25.80	-43.19	102.6	46.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1909	1/16/2024 10:06	55.8	42.0	0.2	2.0	-23.68	-24.41	-37.15	102.0	44.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1910	1/8/2024 13:58	52.5	37.0	0.6	9.9	-4.16	-4.16	-41.78	116.4	49.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1910	1/16/2024 9:59	52.4	38.8	0.3	8.5	-4.13	-4.18	-36.29	113.9	47.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1911	1/5/2024 9:22	46.5	34.3	4.4	14.8	-42.79	-42.79	-46.55	121.7	13.3	Valve Adjustment:No Change,Valve 100% open
OXEW1911	1/29/2024 15:02	51.9	37.4	2.1	8.6	-39.93	-39.85	-42.83	116.5	8.6	Valve Adjustment:No Change,Valve 100% open
OXEW1912	1/9/2024 13:33	59.3	37.5	0.0	3.2	-39.19	-39.18	-42.37	122.8	43.3	Valve Adjustment:No Change,Valve 100% open
OXEW1912	1/29/2024 13:49	57.4	39.2	0.0	3.4	-39.68	-39.68	-42.97	119.5	39.8	Valve Adjustment:No Change,Valve 100% open
OXEW1913	1/4/2024 12:15	24.2	23.9	5.4	46.5	-5.76	-5.72	-46.24	125.3	44.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1913	1/4/2024 12:25	20.7	21.6	5.9	51.8	-5.71	-4.35	-46.73	124.4	52.5	Valve Adjustment:NSPS,Valve 15% open
OXEW1913	1/16/2024 9:21	42.0	32.7	4.7	20.6	-6.99	-6.96	-40.02	117.5	38.6	Valve Adjustment:No Change,Valve 20% open
OXEW1914	1/5/2024 11:25	55.6	38.5	0.1	5.8	-46.82	-46.77	-46.95	80.1	4.1	Valve Adjustment:No Change,Valve 100% open
OXEW1914	1/5/2024 11:28	56.8	40.2	0.1	2.9	-46.18	-46.18	-46.47	77.1	4.8	Valve Adjustment:No Change,Valve 100% open
OXEW1914	1/19/2024 11:23	59.3	40.5	0.0	0.2	-37.84	-37.90	-37.86	75.0	6.6	Valve Adjustment:No Change,Valve 100% open
OXEW1915	1/4/2024 12:56	42.0	37.8	0.3	19.9	-4.68	-3.52	-49.67	63.0	10.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1915	1/22/2024 13:30	55.5	40.7	0.1	3.7	-2.13	-2.13	-41.88	56.4	7.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1916	1/5/2024 10:01	57.1	41.2	0.0	1.7	-47.48	-47.69	-47.67	61.9	0.7	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXEW1916	1/25/2024 10:06	44.1	29.1	4.9	21.9	-47.44	-47.39	-47.41	62.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1917	1/5/2024 10:06	41.4	35.6	0.1	22.9	-45.02	-43.88	-47.27	73.7	5.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1917	1/25/2024 10:16	53.3	36.7	0.1	9.9	-45.01	-45.88	-46.65	67.6	2.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1919	1/4/2024 11:51	56.8	38.7	0.0	4.5	-7.38	-7.61	-47.36	68.3	5.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1919	1/25/2024 11:30	54.4	35.1	0.0	10.5	-15.03	-15.28	-46.46	66.7	6.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1920	1/4/2024 11:36	47.4	27.4	0.0	25.2	-3.45	-3.38	-47.05	60.9	0.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1920	1/25/2024 11:37	37.2	24.4	0.0	38.4	-0.03	-0.02	-46.54	59.8	1.9	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	1/4/2024 12:06	53.4	38.4	0.1	8.1	-35.98	-36.45	-48.17	107.8	27.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1921	1/22/2024 13:01	55.8	41.2	0.1	2.9	-31.95	-31.92	-40.21	105.6	26.3	Valve Adjustment:No Change,Valve 45% open
OXEW2001	1/5/2024 11:08	41.7	38.1	0.0	20.2	-1.82	-1.26	-47.03	117.4	9.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2001	1/25/2024 9:44	46.0	36.4	0.0	17.6	-0.91	-0.89	-45.02	100.7	7.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2002	1/5/2024 9:37	53.4	42.1	0.0	4.5	-19.67	-20.01	-50.29	119.3	24.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2002	1/23/2024 11:26	54.6	37.3	0.2	7.9	-22.00	-22.00	-42.47	108.5	25.1	Valve Adjustment:No Change,Valve 25% open
OXEW2003	1/5/2024 9:51	56.2	41.6	0.1	2.1	-49.67	-49.35	-50.00	104.3	9.6	Valve Adjustment:No Change,Valve 100% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2003	1/25/2024 10:28	54.3	38.5	0.1	7.1	-48.96	-49.06	-49.09	100.5	6.4	Valve Adjustment:No Change,Valve 100% open
OXEW2004	1/4/2024 12:28	48.6	37.7	0.1	13.6	-40.93	-40.99	-50.85	124.1	54.7	Valve Adjustment:No Change
OXEW2004	1/22/2024 13:14	53.9	40.4	0.2	5.5	-36.68	-36.69	-42.75	122.3	45.2	Valve Adjustment:No Change,Valve 70% open
OXEW2005	1/4/2024 12:14	54.6	42.7	0.1	2.6	-3.08	-3.27	-47.72	108.1	2.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2005	1/22/2024 12:55	56.4	38.3	0.1	5.2	-1.78	-2.16	-40.04	92.0	3.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2007	1/4/2024 12:03	56.6	40.8	0.2	2.4	-46.89	-46.89	-47.22	95.0	10.5	Valve Adjustment:No Change,Valve 100% open
OXEW2007	1/22/2024 12:00	59.8	39.8	0.2	0.2	-39.55	-39.52	-40.15	88.1	9.5	Valve Adjustment:No Change,Valve 100% open
OXEW2008	1/4/2024 11:30	65.4	31.2	0.6	2.8	-46.89	-46.89	-47.22	69.0	2.3	Valve Adjustment:No Change,Valve 100% open
OXEW2008	1/25/2024 11:46	60.3	27.4	1.0	11.3	-46.67	-46.67	-46.59	65.2	4.5	Valve Adjustment:No Change,Valve 100% open
OXEW2009	1/4/2024 10:26	56.6	34.9	1.5	7.0	-46.67	-46.69	-47.75	93.3	37.1	Valve Adjustment:No Change,Valve 100% open
OXEW2009	1/17/2024 8:35	50.6	36.8	2.6	10.0	-40.54	-40.61	-40.16	88.6	9.1	Valve Adjustment:No Change,Valve 100% open
OXEW2010	1/5/2024 10:13	28.8	28.7	4.4	38.1	-41.35	-38.40	-48.26	82.7	7.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2010	1/24/2024 12:36	57.6	38.6	1.5	2.3	-35.34	-35.35	-39.54	68.6	1.4	Valve Adjustment:No Change,Valve at minimum position
OXEW2011	1/5/2024 10:43	48.3	40.7	0.1	10.9	-14.48	-14.42	-47.97	105.9	11.6	Valve Adjustment:No Change
OXEW2011	1/25/2024 9:57	51.2	39.8	0.1	8.9	-17.50	-17.56	-46.16	93.3	10.5	Valve Adjustment:No Change,Valve 15% open
OXEW2012	1/5/2024 9:23	44.5	38.1	0.0	17.4	-25.61	-23.47	-50.04	107.4	20.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2012	1/25/2024 9:24	54.8	41.2	0.0	4.0	-22.80	-25.93	-48.90	104.9	14.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2016	1/9/2024 13:53	54.0	35.5	0.3	10.2	-12.95	-13.01	-35.65	130.3	15.9	Valve Adjustment:No Change,Valve 20% open
OXEW2016	1/16/2024 9:45	56.2	42.2	0.0	1.6	-12.89	-12.96	-37.47	130.2	16.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2017	1/9/2024 14:18	57.0	37.3	0.1	5.6	-9.34	-9.42	-44.56	126.6	43.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2017	1/29/2024 14:01	56.5	40.1	0.1	3.3	-9.67	-9.75	-44.98	127.1	45.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2020	1/12/2024 8:07	49.6	37.3	0.0	13.1	-32.60	-32.62	-49.31	130.1	31.7	Valve Adjustment:No Change
OXEW2020	1/23/2024 13:09	55.2	35.8	0.1	8.9	-31.04	-31.02	-44.19	130.3	28.2	Valve Adjustment:No Change,Valve 40% open
OXEW2021	1/12/2024 7:37	25.6	21.9	8.3	44.2	-1.40	-1.08	-46.55	49.9	0.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW2021	1/12/2024 7:40	25.5	21.5	8.4	44.6	-0.80	-0.70	-47.65	47.1	1.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW2021	1/23/2024 13:19	52.2	34.5	1.1	12.2	-4.44	-4.44	-42.98	79.0	1.5	Valve Adjustment:No Change,Valve 20% open
OXEW2022	1/12/2024 8:26	53.4	39.3	0.2	7.1	-45.62	-45.39	-47.36	121.6	27.2	Valve Adjustment:No Change,Valve 100% open
OXEW2022	1/18/2024 10:35	56.8	39.7	0.1	3.4	-42.29	-42.26	-43.88	119.3	20.1	Valve Adjustment:No Change,Valve 100% open
OXEW2022	1/18/2024 10:36	57.2	39.9	0.2	2.7	-42.20	-42.20	-43.36	119.3	18.8	Valve Adjustment:No Change,Valve 100% open
OXEW2023	1/12/2024 9:29	56.4	42.8	0.1	0.7	-39.21	-39.27	-42.32	124.1	33.7	Valve Adjustment:No Change,Valve 100% open
OXEW2023	1/16/2024 9:13	57.5	40.6	0.0	1.9	-36.16	-36.38	-37.37	124.0	33.0	Valve Adjustment:No Change,Valve 100% open
OXEW2024	1/8/2024 10:20	52.9	38.5	0.0	8.6	-24.69	-27.04	-43.62	127.6	43.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2024	1/16/2024 11:03	55.4	38.9	0.0	5.7	-29.56	-29.21	-39.27	126.5	35.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2026	1/8/2024 11:49	57.9	38.1	1.8	2.2	-43.02	-43.05	-42.84	53.8	3.0	Valve Adjustment:No Change,Valve 100% open
OXEW2026	1/18/2024 9:27	49.2	35.9	3.5	11.4	-40.14	-40.10	-40.40	55.8	21.3	Valve Adjustment:No Change,Valve 100% open
OXEW2027	1/8/2024 8:53	51.9	32.1	3.2	12.8	-42.60	-42.60	-42.44	53.5	0.2	Valve Adjustment:No Change,Valve 100% open
OXEW2027	1/18/2024 8:59	54.4	31.8	1.7	12.1	-36.63	-36.66	-36.54	54.1	0.3	Valve Adjustment:No Change,Valve 100% open
OXEW2028	1/8/2024 11:23	43.7	31.6	4.8	19.9	-38.68	-38.65	-38.52	57.3	2.9	Valve Adjustment:No Change,Valve 100% open
OXEW2028	1/18/2024 9:23	48.4	35.5	3.2	12.9	-40.02	-40.12	-40.04	57.0	12.8	Valve Adjustment:No Change,Valve 100% open
OXEW2029	1/12/2024 8:34	52.7	40.2	0.0	7.1	-13.41	-13.75	-47.42	124.4	37.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2029	1/18/2024 10:31	55.5	36.7	0.0	7.8	-14.82	-14.82	-43.78	123.4	32.3	Valve Adjustment:No Change,Valve 45% open
OXEW2030	1/12/2024 9:11	56.6	40.9	0.0	2.5	-34.68	-35.11	-36.33	123.1	19.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2030	1/16/2024 9:32	56.6	41.3	0.0	2.1	-31.01	-31.01	-31.98	122.8	17.8	Valve Adjustment:No Change,Valve 100% open
OXEW2031	1/9/2024 14:09	57.4	36.3	0.1	6.2	-35.83	-35.83	-36.84	126.1	47.8	Valve Adjustment:No Change,Valve 100% open
OXEW2031	1/16/2024 9:39	58.3	40.0	0.0	1.7	-36.04	-36.35	-37.49	126.6	44.9	Valve Adjustment:No Change,Valve 100% open
OXEW2101	1/9/2024 10:43	44.4	35.1	0.0	20.5	-2.94	-2.55	-46.30	121.0	30.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2101	1/24/2024 10:39	45.4	36.2	0.0	18.4	-2.12	-2.14	-43.56	121.8	23.7	Valve Adjustment:No Change,Valve 20% open
OXEW2102	1/8/2024 10:31	58.0	39.1	0.0	2.9	-34.38	-34.39	-34.74	67.8	18.5	Valve Adjustment:No Change,Valve 100% open
OXEW2102	1/16/2024 10:46	56.7	41.5	0.0	1.8	-30.68	-30.68	-31.55	65.8	26.2	Valve Adjustment:No Change,Valve 100% open
OXEW2103	1/8/2024 10:24	52.5	38.8	0.8	7.9	-11.17	-11.17	-43.27	104.1	51.0	Valve Adjustment:No Change,Valve 50% open
OXEW2103	1/16/2024 10:59	55.2	39.1	0.6	5.1	-10.53	-10.50	-38.61	103.5	46.4	Valve Adjustment:No Change,Valve 100% open
OXEW2104	1/8/2024 10:56	57.4	37.4	0.0	5.2	-40.69	-40.65	-43.03	114.9	5.7	Valve Adjustment:No Change,Valve 100% open
OXEW2104	1/18/2024 9:34	58.0	37.0	0.2	4.8	-37.22	-37.14	-39.72	113.9	34.0	Valve Adjustment:No Change,Valve 100% open
OXEW2105	1/8/2024 13:49	60.0	38.7	0.0	1.3	-34.82	-34.82	-34.95	99.1	4.3	Valve Adjustment:No Change,Valve 100% open
OXEW2105	1/16/2024 10:17	58.5	39.9	0.1	1.5	-31.32	-31.17	-31.31	97.9	6.2	Valve Adjustment:No Change,Valve 100% open
OXEW2106	1/5/2024 12:44	51.2	36.0	2.0	10.8	-44.26	-44.27	-44.59	109.5	21.6	Valve Adjustment:No Change,Valve 100% open
OXEW2106	1/29/2024 13:24	57.7	38.7	0.1	3.5	-40.66	-40.67	-41.42	112.5	14.4	Valve Adjustment:No Change,Valve 100% open
OXEW2107	1/5/2024 11:11	48.4	41.4	0.0	10.2	-44.60	-45.00	-45.03	117.8	30.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2107	1/25/2024 9:39	54.7	42.5	0.0	2.8	-42.18	-42.12	-42.77	111.8	19.3	Valve Adjustment:No Change,Valve 100% open
OXEW2108	1/5/2024 9:32	51.3	42.1	0.0	6.6	-20.28	-20.34	-50.42	124.5	23.2	Valve Adjustment:No Change
OXEW2108	1/25/2024 11:09	54.7	40.3	0.1	4.9	-30.88	-31.86	-50.34	103.6	16.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2109	1/5/2024 10:53	25.9	30.1	0.3	43.7	-25.44	-24.05	-49.72	82.1	4.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2109	1/25/2024 9:51	41.2	36.4	0.1	22.3	-35.69	-34.37	-49.21	67.4	2.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2110	1/12/2024 9:23	56.7	41.5	0.1	1.7	-40.89	-40.81	-41.72	87.9	17.8	Valve Adjustment:No Change,Valve 100% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2110	1/16/2024 9:24	58.0	40.3	0.0	1.7	-36.80	-37.02	-36.93	87.9	7.7	Valve Adjustment:No Change,Valve 100% open
OXEW2111	1/8/2024 13:39	53.9	35.9	0.0	10.2	-13.49	-13.47	-43.88	109.0	138.7	Valve Adjustment:No Change,Valve 100% open
OXEW2111	1/19/2024 12:58	59.1	39.7	0.1	1.1	-11.97	-11.97	-36.78	108.5	128.7	Valve Adjustment:No Change,Valve 100% open
OXEW2112	1/8/2024 13:32	59.3	39.0	0.0	1.7	-43.71	-43.74	-44.87	105.8	42.8	Valve Adjustment:No Change,Valve 100% open
OXEW2112	1/19/2024 12:49	59.6	35.3	0.4	4.7	-36.28	-36.35	-37.08	105.7	39.6	Valve Adjustment:No Change,Valve 100% open
OXEW2113	1/8/2024 13:15	55.6	32.5	0.3	11.6	-42.76	-42.62	-44.25	121.2	28.4	Valve Adjustment:No Change,Valve 100% open
OXEW2113	1/19/2024 13:01	57.7	38.2	3.9	0.2	-35.80	-35.90	-35.46	118.9	21.4	Valve Adjustment:No Change,Valve 100% open
OXEW2207	1/8/2024 10:40	57.8	37.7	0.2	4.3	-33.20	-33.18	-34.99	119.5	70.5	Valve Adjustment:No Change,Valve 100% open
OXEW2207	1/16/2024 10:26	57.0	40.6	0.0	2.4	-29.71	-29.68	-31.56	119.9	61.3	Valve Adjustment:No Change,Valve 100% open
OXEW2208	1/8/2024 14:02	48.9	36.8	0.2	14.1	-4.92	-4.92	-40.01	123.7	61.9	Valve Adjustment:No Change,Valve 25% open
OXEW2208	1/29/2024 13:41	52.9	37.8	0.1	9.2	-4.86	-4.91	-38.61	123.7	57.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2209	1/8/2024 10:28	58.8	37.5	0.0	3.7	-40.39	-40.55	-41.15	98.9	44.7	Valve Adjustment:No Change,Valve 100% open
OXEW2209	1/16/2024 10:50	56.9	40.2	0.0	2.9	-36.10	-36.39	-37.24	96.5	42.4	Valve Adjustment:No Change,Valve 100% open
OXEW2210	1/12/2024 10:12	55.7	40.4	0.3	3.6	-22.36	-24.57	-43.64	97.9	7.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2210	1/18/2024 9:59	54.0	37.9	0.4	7.7	-28.08	-28.08	-39.52	100.0	13.1	Valve Adjustment:No Change,Valve 30% open
OXEW2211	1/12/2024 9:43	57.9	40.2	0.0	1.9	-39.02	-39.35	-40.83	123.1	54.3	Valve Adjustment:No Change,Valve 100% open
OXEW2211	1/16/2024 9:06	58.5	39.2	0.0	2.3	-35.05	-35.45	-36.15	122.9	52.6	Valve Adjustment:No Change,Valve 100% open
OXEW2211	1/18/2024 9:48	57.8	37.2	0.3	4.7	-36.72	-36.71	-37.21	122.9	33.7	Valve Adjustment:No Change,Valve 100% open
OXEW2212	1/8/2024 10:15	53.0	37.0	0.0	10.0	-3.80	-4.00	-43.61	109.8	42.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2212	1/16/2024 11:07	54.6	38.6	0.0	6.8	-3.72	-3.73	-38.91	110.2	43.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2212	1/18/2024 9:41	56.8	37.0	0.1	6.1	-3.77	-3.77	-40.83	109.9	44.1	Valve Adjustment:No Change,Valve 20% open
OXEW2213	1/8/2024 11:31	57.5	37.3	0.1	5.1	-34.31	-34.29	-37.47	110.8	75.1	Valve Adjustment:No Change,Valve 100% open
OXEW2213	1/18/2024 9:17	49.6	30.9	3.9	15.6	-34.90	-34.89	-39.34	110.3	83.1	Valve Adjustment:No Change,Valve 100% open
OXEW2214	1/2/2024 12:42	42.0	30.1	0.2	27.7	-9.70	-8.50	-47.06	105.0	18.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2214	1/2/2024 12:56	41.5	30.2	0.0	28.3	-8.48	-5.77	-48.32	104.2	28.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2214	1/18/2024 10:49	53.6	35.9	0.0	10.5	-10.63	-10.65	-44.34	102.5	21.8	Valve Adjustment:No Change,Valve 15% open
OXEWHC6A**	1/4/2024 12:48	47.2	45.2	0.1	7.5	-5.87	-5.71	-48.81	64.5	2.8	Valve Adjustment:No Change
OXEWHC6A**	1/22/2024 13:27	57.8	39.7	0.1	2.4	-2.04	-2.04	-41.55	57.1	1.3	Valve Adjustment:No Change,Valve at minimum position
OXHC1922	1/8/2024 14:05	52.1	36.5	0.2	11.2	-4.66	-4.66	-43.54	72.9	48.2	Valve Adjustment:No Change,Valve 40% open
OXHC1922	1/29/2024 13:36	51.7	36.0	0.1	12.2	-5.52	-5.46	-41.92	81.5	45.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXHC2000	1/8/2024 9:57	59.1	38.4	0.3	2.2	-37.53	-37.11	-45.91	64.6	9.0	Valve Adjustment:No Change,Valve 100% open
OXHC2000	1/18/2024 11:08	59.9	39.3	0.0	0.8	-33.70	-35.59	-42.34	68.6	22.4	Valve Adjustment:No Change,Valve 100% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXHC2001	1/8/2024 9:52	59.5	38.2	0.0	2.3	-36.55	-37.34	-45.96	66.7	62.7	Valve Adjustment:No Change,Valve 100% open
OXHC2001	1/18/2024 11:04	59.5	39.4	0.0	1.1	-33.08	-33.94	-41.78	65.2	60.5	Valve Adjustment:No Change,Valve 100% open
OXHC2014	1/8/2024 13:20	56.8	37.1	0.0	6.1	-10.15	-10.08	-47.25	95.4	92.0	Valve Adjustment:No Change,Valve 65% open
OXHC2014	1/8/2024 13:22	56.9	38.4	0.0	4.7	-10.27	-10.83	-47.25	95.3	89.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXHC2014	1/19/2024 12:51	59.1	35.9	0.0	5.0	-7.45	-7.45	-40.21	87.6	92.8	Valve Adjustment:No Change,Valve 70% open
OXHC2015	1/5/2024 11:25	56.4	41.4	0.0	2.2	-8.04	-8.81	-56.10	65.2	63.5	Valve Adjustment:Opened valve 1/2 turn or less
OXHC2015	1/23/2024 10:50	55.4	37.0	0.2	7.4	-9.51	-9.52	-48.24	63.6	67.6	Valve Adjustment:No Change,Valve 50% open
OXHC2101	1/8/2024 9:19	53.9	42.6	3.5	0.0	-0.11	-0.11	-40.50	89.8	3.7	Valve Adjustment:No Change
OXHC2101	1/8/2024 9:20	45.1	36.6	0.7	17.6	-0.11	-0.11	-40.25	90.0	3.8	Valve Adjustment:No Change
OXHC2101	1/18/2024 11:16	58.4	37.2	4.4	0.0	-0.02	-0.02	-37.59	79.3	2.8	Valve Adjustment:No Change,Valve 10% open
OXHC2101	1/18/2024 11:17	59.6	37.6	0.0	2.8	-0.03	-0.04	-37.16	81.3	3.5	Valve Adjustment:No Change,Valve 10% open
OXLCR13B	1/5/2024 11:30	54.9	42.1	0.1	2.9	-3.95	-6.31	-51.97	65.1	39.7	Valve Adjustment:Opened valve 1/2 turn or less
OXLCR13B	1/23/2024 10:56	57.1	39.6	0.0	3.3	-7.18	-6.37	-43.82	63.2	31.2	Valve Adjustment:No Change,Valve 45% open
<b>OXLCR4A1</b>	1/5/2024 11:43	48.8	36.2	0.2	14.8	-31.03	-30.60	-51.14	61.2	59.0	Valve Adjustment:No Change
<b>OXLCR4A1</b>	1/23/2024 10:59	55.3	40.1	0.1	4.5	-36.72	-35.02	-44.37	59.7	36.8	Valve Adjustment:No Change,Valve 30% open
<b>OXLCR4B1</b>	1/12/2024 9:42	44.7	34.5	2.0	18.8	-2.51	-2.46	-52.44	48.4	2.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OXLCR4B1</b>	1/12/2024 9:43	43.6	32.5	2.3	21.6	-2.00	-1.99	-52.20	49.2	0.2	Valve Adjustment:No Change,Valve at minimum position
<b>OXLCR4B1</b>	1/25/2024 12:15	45.6	33.1	2.0	19.3	-3.28	-3.19	-50.44	69.1	9.1	Valve Adjustment:No Change,Valve at minimum position
<b>OXLCRS07</b>	1/2/2024 12:34	3.9	4.9	16.2	75.0	-8.75	-8.26	-47.59	81.5	4.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
<b>OXLCRS07</b>	1/2/2024 12:37	3.9	5.0	16.1	75.0	-4.99	-5.81	-47.39	80.6	4.7	Valve Adjustment:NSPS,No Change
<b>OXLCRS07</b>	1/18/2024 10:53	46.9	34.4	9.1	9.6	-44.06	-44.07	-44.26	55.4	0.6	Valve Adjustment:No Change,Valve 10% open
OXLCRS10	1/8/2024 9:28	60.4	37.9	0.1	1.6	-34.40	-33.85	-38.87	90.5	129.0	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	1/18/2024 11:13	59.3	38.4	0.2	2.1	-32.15	-31.97	-37.25	90.6	123.7	Valve Adjustment:No Change,Valve 100% open
OXLCRS11	1/8/2024 9:25	42.8	33.5	3.2	20.5	-4.69	-3.85	-47.63	86.5	108.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXLCRS11	1/18/2024 11:11	57.2	36.8	0.3	5.7	-2.71	-2.70	-43.22	88.9	92.3	Valve Adjustment:No Change,Valve 50% open
OXLCRS12	1/8/2024 9:15	54.2	43.7	0.0	2.1	-16.09	-15.87	-39.20	74.2	129.9	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	1/18/2024 11:21	58.0	40.2	0.0	1.8	-12.79	-12.79	-37.43	73.8	134.1	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	1/3/2024 9:51	18.2	19.7	15.7	46.4	-44.09	-44.03	-44.26	55.4	0.0	Valve Adjustment:NSPS,No Change,Valve at minimum position
OXLCRS3A	1/3/2024 9:53	19.7	13.5	13.4	53.4	-43.91	-44.05	-44.03	60.8	0.0	Valve Adjustment:NSPS,No Change
OXLCRS3A	1/30/2024 9:22	34.8	26.3	6.9	32.0	-47.62	-47.59	-47.84	63.7		Valve Adjustment:No Change,Valve at minimum position
OXLCRS3A	1/30/2024 9:28	39.1	29.1	3.2	28.6	-47.66	-47.68	-47.72	63.6		Valve Adjustment:No Change,Valve at minimum position
OXLCRS3B	1/12/2024 10:49	51.5	38.1	2.7	7.7	-48.37	-48.13	-48.01	54.8	110.0	Valve Adjustment:No Change,Valve at minimum position

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXLCRS3B	1/30/2024 9:30	7.2	10.0	18.9	63.9	-47.62	-47.59	-47.65	62.2		Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position
OXLCRS3B	1/30/2024 9:32	17.9	13.1	12.6	56.4	-47.84	-47.61	-47.87	62.5		Valve Adjustment: No Change, Valve at minimum position
OXLCRS7B	1/2/2024 12:30	3.8	4.8	16.3	75.1	-6.40	-6.38	-47.24	65.9	0.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less
OXLCRS7B	1/2/2024 12:31	3.8	4.9	15.9	75.4	-7.37	-7.97	-47.21	69.8	3.2	Valve Adjustment: NSPS, No Change
OXLCRS7B	1/18/2024 10:52	53.1	35.3	0.3	11.3	-44.08	-44.02	-44.24	55.9	0.2	Valve Adjustment: No Change, Valve 10% open
OXLCRS8A	1/5/2024 11:51	54.9	39.3	0.9	4.9	-2.64	-2.71	-50.60	74.5	13.6	Valve Adjustment: Opened valve 1/2 turn or less
OXLCRS8A	1/23/2024 10:53	57.1	38.5	0.2	4.2	-1.97	-1.96	-43.92	64.2	15.7	Valve Adjustment: No Change, Valve 10% open
OXLCRS9A	1/8/2024 13:25	51.4	37.1	2.8	8.7	-3.10	-3.10	-45.65	89.1	16.7	Valve Adjustment: No Change, Valve 20% open
OXLCRS9A	1/19/2024 12:53	56.6	38.6	0.6	4.2	-1.38	-1.38	-37.76	87.0	10.0	Valve Adjustment: No Change, Valve 20% open
OXLCRS9B	1/8/2024 13:27	52.3	36.1	0.5	11.1	-3.78	-3.78	-45.02	73.0	5.7	Valve Adjustment: No Change, Valve at minimum position
OXLCRS9B	1/19/2024 12:55	55.9	39.3	0.1	4.7	-1.36	-1.36	-37.75	71.0	5.4	Valve Adjustment: No Change, Valve at minimum position
OXME302D	1/12/2024 7:43	57.7	36.9	0.1	5.3	-45.39	-45.41	-47.40	118.1	31.4	Valve Adjustment: No Change, Valve 100% open
OXME302D	1/23/2024 13:17	52.2	35.1	0.1	12.6	-41.31	-41.32	-42.67	117.2	27.2	Valve Adjustment: No Change, Valve 100% open
OXME306D	1/12/2024 7:59	49.4	36.4	0.0	14.2	-2.45	-2.45	-48.14	119.8	11.8	Valve Adjustment: No Change
OXME306D	1/23/2024 13:02	55.6	33.8	0.3	10.3	-1.46	-1.46	-42.69	119.4	11.8	Valve Adjustment: No Change, Valve 15% open
OXME312D	1/12/2024 8:46	41.9	36.2	0.1	21.8	-2.61	-2.59	-46.49	62.4	22.2	Valve Adjustment: Closed valve 1/2 turn or less
OXME312D	1/19/2024 10:10	44.3	34.1	4.1	17.5	-1.11	-1.11	-40.08	56.0	5.6	Valve Adjustment: No Change
OXME316D	1/5/2024 11:14	57.4	38.8	0.1	3.7	-41.45	-41.45	-43.52	126.4	32.6	Valve Adjustment: No Change, Valve 100% open
OXME316D	1/19/2024 11:12	59.7	40.3	0.0	0.0	-32.76	-32.77	-34.33	126.1	31.4	Valve Adjustment: No Change, Valve 100% open
OXME317D	1/5/2024 11:08	55.6	38.5	0.9	5.0	-44.61	-44.53	-44.84	62.6	0.0	Valve Adjustment: Opened valve 1/2 turn or less
OXME317D	1/19/2024 11:05	57.5	39.6	0.7	2.2	-35.54	-35.64	-35.67	59.1	12.3	Valve Adjustment: No Change
OXMEW113	1/4/2024 9:22	48.7	37.8	3.6	9.9	-15.21	-15.83	-47.63	65.6	45.6	Valve Adjustment: No Change
OXMEW113	1/16/2024 9:11	44.2	35.2	1.4	19.2	-18.00	-17.37	-41.53	61.0	21.5	Valve Adjustment: No Change
OXMEW122	1/10/2024 10:56	46.2	27.2	4.9	21.7	-46.17	-46.13	-46.22	52.0	1.4	Valve Adjustment: No Change
OXMEW122	1/17/2024 9:38	58.0	35.3	0.5	6.2	-42.82	-42.82	-42.98	56.2	8.8	Valve Adjustment: No Change, Valve 100% open
OXMEW126	1/4/2024 10:24	55.2	40.5	0.4	3.9	-46.54	-46.53	-46.62	57.5	0.5	Valve Adjustment: No Change, Valve 100% open
OXMEW126	1/17/2024 12:19	60.0	37.8	0.1	2.1	-39.99	-40.00	-39.93	58.0	1.0	Valve Adjustment: No Change, Valve 100% open
OXMEW138	1/3/2024 10:01	49.2	34.9	0.0	15.9	-2.54	-2.54	-40.40	68.7	3.2	Valve Adjustment: No Change, Valve at minimum position
OXMEW138	1/18/2024 12:59	47.6	35.4	0.1	16.9	-2.45	-2.46	-43.47	67.2	3.2	Valve Adjustment: No Change, Valve at minimum position
OXMEW145	1/4/2024 9:55	55.3	40.2	0.1	4.4	-44.36	-44.33	-47.17	91.6	11.6	Valve Adjustment: No Change, Valve 100% open
OXMEW145	1/17/2024 12:37	57.8	36.8	0.2	5.2	-38.99	-38.99	-42.00	93.1	12.7	Valve Adjustment: No Change, Valve 100% open
OXMEW156	1/12/2024 9:20	48.3	27.4	0.7	23.6	-0.13	-0.20	-50.21	49.0	0.8	Valve Adjustment: No Change, Valve at minimum position

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..	Deg. F.	scfm	
OXMEW156	1/22/2024 13:25	58.4	37.9	0.2	3.5	-0.22	-0.22	-41.78	57.8	1.5	Valve Adjustment:No Change,Valve at minimum position
OXMEW158	1/4/2024 10:38	54.0	39.2	0.0	6.8	-44.58	-44.58	-47.02	67.1	2.8	Valve Adjustment:No Change,Valve 100% open
OXMEW158	1/17/2024 12:13	52.7	30.3	0.6	16.4	-37.95	-37.91	-40.73	64.4	2.7	Valve Adjustment:No Change,Valve 100% open
OXMEW159	1/4/2024 10:34	55.9	37.9	0.0	6.2	-42.13	-42.15	-46.56	67.3	6.7	Valve Adjustment:No Change,Valve 100% open
OXMEW159	1/17/2024 12:15	59.5	35.9	0.1	4.5	-36.51	-36.49	-39.85	66.2	6.0	Valve Adjustment:No Change,Valve 100% open
OXMEW162	1/3/2024 11:15	60.3	22.4	1.2	16.1	-36.55	-42.67	-43.94	65.0	8.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW162	1/17/2024 10:28	62.8	34.2	0.4	2.6	-41.92	-42.07	-42.59	65.1	21.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	1/4/2024 11:23	59.2	32.8	1.2	6.8	-46.52	-46.62	-47.23	65.0	0.7	Valve Adjustment:Valve 100% open,Opened valve >1 turn
OXMEW170	1/22/2024 12:28	52.8	25.3	2.3	19.6	-39.28	-39.27	-39.59	61.8	0.6	Valve Adjustment:No Change,Valve 100% open
OXMEW173	1/4/2024 13:03	35.5	32.0	0.0	32.5	-2.37	-2.34	-49.15	64.6	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	1/25/2024 10:45	15.0	10.0	13.9	61.1	-2.61	-2.61	-49.13	57.4	4.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXMEW173	1/25/2024 10:51	32.3	22.2	4.8	40.7	-2.59	-2.59	-48.84	57.3	4.3	Valve Adjustment:No Change
OXMEW174	1/4/2024 12:43	48.8	39.1	0.1	12.0	-1.72	-1.70	-49.33	65.5	3.3	Valve Adjustment:No Change
OXMEW174	1/22/2024 13:23	55.9	33.6	0.3	10.2	-0.82	-0.82	-41.55	57.2	2.7	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	1/4/2024 12:52	37.0	36.5	0.0	26.5	-14.21	-11.92	-49.18	74.7	13.1	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXMEW175	1/22/2024 13:28	56.7	41.3	0.2	1.8	-12.07	-12.04	-42.78	68.7	8.9	Valve Adjustment:No Change,Valve at minimum position
OXMEW181	1/4/2024 12:33	51.6	36.0	1.9	10.5	-45.29	-45.27	-45.96	108.3	27.3	Valve Adjustment:No Change
OXMEW181	1/24/2024 9:22	54.1	34.9	1.6	9.4	-40.34	-40.43	-41.03	109.6	0.0	Valve Adjustment:No Change
OXMEW182	1/5/2024 10:56	52.6	38.8	0.1	8.5	-41.15	-41.15	-45.83	117.8	52.4	Valve Adjustment:No Change,Valve 100% open
OXMEW182	1/19/2024 10:44	54.4	38.9	0.2	6.5	-33.44	-33.43	-36.72	117.5	46.3	Valve Adjustment:No Change,Valve 100% open
OXMEW183	1/5/2024 10:49	52.7	39.1	0.0	8.2	-4.95	-5.29	-46.62	114.7	34.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW183	1/19/2024 10:31	53.9	37.6	0.1	8.4	-4.71	-4.70	-36.75	114.1	32.5	Valve Adjustment:No Change
OXMEW184	1/9/2024 9:53	36.2	31.2	0.1	32.5	-2.33	-2.29	-44.84	119.1	49.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	1/24/2024 9:57	35.8	30.3	0.0	33.9	-2.22	-2.19	-43.05	119.5	46.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	1/9/2024 10:06	55.7	41.1	0.1	3.1	-0.03	-0.38	-45.62	78.2	10.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	1/24/2024 10:05	54.3	41.3	0.1	4.3	-0.08	-0.09	-42.06	93.4	31.2	Valve Adjustment:No Change
OXMEW186	1/5/2024 10:38	53.5	41.4	0.0	5.1	-1.31	-1.42	-46.36	110.4	13.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW186	1/19/2024 10:20	55.6	39.6	0.0	4.8	-0.58	-0.61	-40.87	112.0	5.6	Valve Adjustment:No Change,Valve 10% open
OXMEW187	1/9/2024 11:17	53.7	41.5	0.0	4.8	-0.11	-0.11	-45.31	104.3	27.3	Valve Adjustment:No Change
OXMEW187	1/24/2024 10:18	51.4	40.4	0.0	8.2	-0.26	-0.26	-43.09	101.8	29.5	Valve Adjustment:No Change
OXMEW188	1/9/2024 10:30	55.7	38.8	0.0	5.5	-0.33	-0.61	-45.96	104.0	8.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW188	1/24/2024 10:50	49.1	37.5	0.1	13.3	-1.40	-1.40	-43.09	111.1	12.7	Valve Adjustment:No Change

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW189	1/9/2024 10:36	51.0	37.0	2.8	9.2	-1.56	-1.56	-45.63	117.2	16.3	Valve Adjustment:No Change
OXMEW189	1/24/2024 10:44	45.5	35.4	3.1	16.0	-1.71	-1.70	-43.17	116.7	22.0	Valve Adjustment:No Change
OXMEW190	1/12/2024 8:39	49.8	39.5	0.2	10.5	-15.01	-15.01	-45.45	126.0	22.0	Valve Adjustment:No Change
OXMEW190	1/19/2024 10:03	53.9	35.3	0.4	10.4	-12.86	-12.86	-39.51	125.0	20.2	Valve Adjustment:No Change,Valve 40% open
OXMEW191	1/4/2024 12:37	53.0	41.0	0.1	5.9	-2.52	-2.66	-49.24	120.3	13.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW191	1/25/2024 10:36	48.3	37.8	0.0	13.9	-8.67	-8.70	-48.83	117.3	17.0	Valve Adjustment:No Change
OXMEW192	1/5/2024 9:08	39.4	34.1	0.1	26.4	-14.33	-12.95	-51.31	91.3	13.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	1/25/2024 9:14	49.6	37.1	0.1	13.2	-23.68	-23.68	-49.73	81.5	6.8	Valve Adjustment:No Change,Valve 10% open
OXMEW192	1/25/2024 9:18	50.3	38.1	0.0	11.6	-22.99	-23.09	-49.92	80.9	8.8	Valve Adjustment:No Change,Valve 10% open
OXMEW194	1/4/2024 12:47	52.8	37.6	1.3	8.3	-46.28	-46.28	-46.15	85.1	21.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW194	1/24/2024 9:35	54.6	34.8	1.0	9.6	-40.92	-40.94	-40.83	80.9	17.3	Valve Adjustment:No Change
OXMEW196	1/5/2024 10:45	49.8	37.5	0.7	12.0	-9.33	-9.32	-46.13	88.1	4.3	Valve Adjustment:No Change
OXMEW196	1/19/2024 10:28	53.1	38.2	0.6	8.1	-6.09	-6.09	-36.87	81.5	6.0	Valve Adjustment:No Change
OXMEW199	1/5/2024 10:41	51.9	39.6	0.2	8.3	-7.62	-7.62	-37.63	123.3	29.6	Valve Adjustment:No Change
OXMEW199	1/19/2024 10:24	53.5	39.4	0.2	6.9	-6.09	-6.09	-36.78	122.8	29.3	Valve Adjustment:No Change
OXMEW200	1/9/2024 11:24	46.1	36.1	0.0	17.8	-1.67	-1.67	-44.90	114.1	14.3	Valve Adjustment:No Change
OXMEW200	1/24/2024 10:13	41.2	34.2	0.1	24.5	-2.31	-2.29	-42.79	114.9	15.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	1/9/2024 10:13	43.0	35.7	0.0	21.3	-0.78	-0.77	-45.98	98.1	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	1/24/2024 10:08	46.3	36.6	0.0	17.1	-0.78	-0.78	-42.98	96.0	30.0	Valve Adjustment:No Change
OXMEW203	1/4/2024 9:35	56.1	36.4	0.6	6.9	-46.22	-47.14	-47.98	75.4	4.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXMEW203	1/18/2024 12:42	50.5	34.1	1.4	14.0	-41.34	-41.27	-43.62	73.4	8.2	Valve Adjustment:No Change,Valve 40% open
OXMEW204	1/3/2024 10:33	41.0	32.6	0.0	26.4	-3.88	-3.81	-43.09	81.0	2.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW204	1/18/2024 12:36	33.0	29.3	0.1	37.6	-3.01	-3.00	-42.62	78.6	5.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
<b>OXMEW205</b>	1/9/2024 10:58	55.1	44.0	0.0	0.9	-0.07	-0.08	-44.48	123.5	16.3	Valve Adjustment:No Change,Valve 25% open
<b>OXMEW205</b>	1/9/2024 11:08	55.1	44.2	0.0	0.7	-0.68	-0.70	-44.87	133.6	21.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
<b>OXMEW205</b>	1/24/2024 10:25	42.7	37.0	0.0	20.3	-0.92	-0.92	-43.09	128.4	18.1	Valve Adjustment:No Change,Valve 25% open
<b>OXMEW205</b>	1/29/2024 9:18	41.8	36.2	0.0	22.0	-0.85	-0.48	-43.97	129.5	17.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
<b>OXMEW205</b>	1/29/2024 9:24	44.4	39.1	0.0	16.5	-0.40	-0.24	-43.79	128.2	10.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
<b>OXMEW209</b>	1/12/2024 8:22	55.3	40.4	0.0	4.3	-38.02	-38.02	-46.71	135.1	64.4	Valve Adjustment:No Change,Valve 100% open
<b>OXMEW209</b>	1/23/2024 13:32	55.9	37.8	0.1	6.2	-35.27	-35.25	-41.92	134.5	59.2	Valve Adjustment:No Change,Valve 100% open
OXMEW210	1/12/2024 7:55	54.8	38.6	0.0	6.6	-43.91	-43.98	-47.12	123.9	12.3	Valve Adjustment:No Change,Valve 100% open
OXMEW210	1/23/2024 12:59	54.9	34.4	0.1	10.6	-40.16	-40.16	-42.14	123.5	1.8	Valve Adjustment:No Change,Valve 100% open



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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW300	1/12/2024 7:28	54.4	34.9	0.6	10.1	-46.87	-46.87	-47.54	102.7	27.1	Valve Adjustment:No Change,Valve 100% open
OXMEW300	1/23/2024 13:24	53.3	35.6	0.8	10.3	-42.98	-42.98	-43.36	102.0	28.2	Valve Adjustment:No Change,Valve 100% open
OXMEW302	1/12/2024 7:46	41.4	32.3	0.0	26.3	-2.70	-2.61	-47.79	64.3	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	1/23/2024 13:15	54.5	37.9	0.5	7.1	-2.41	-2.41	-42.77	67.5	5.2	Valve Adjustment:No Change
OXMEW306	1/12/2024 8:02	18.4	25.4	0.0	56.2	-2.43	-2.29	-47.01	71.5	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW306	1/23/2024 13:04	58.6	36.1	2.0	3.3	-1.42	-1.42	-42.95	67.6	5.7	Valve Adjustment:No Change
OXMEW307	1/4/2024 10:01	58.4	39.0	0.3	2.3	-46.75	-46.73	-46.87	77.6	1.7	Valve Adjustment:No Change,Valve 100% open
OXMEW307	1/4/2024 10:57	58.4	38.3	0.5	2.8	-46.79	-46.83	-47.11	78.6	1.8	Valve Adjustment:No Change,Valve 100% open
OXMEW307	1/17/2024 12:33	54.8	33.3	0.9	11.0	-42.46	-42.44	-42.27	77.2	1.7	Valve Adjustment:No Change,Valve 100% open
OXMEW309	1/12/2024 8:17	45.8	34.4	0.1	19.7	-11.55	-9.80	-48.17	97.9	23.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	1/23/2024 13:30	55.0	34.6	1.6	8.8	-9.75	-9.75	-43.71	105.1	0.0	Valve Adjustment:No Change
OXMEW310	1/5/2024 10:23	49.9	37.9	0.4	11.8	-11.78	-11.77	-45.15	114.2	8.9	Valve Adjustment:No Change
OXMEW310	1/29/2024 14:36	49.8	37.2	0.6	12.4	-14.27	-14.26	-42.94	111.8	27.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	1/12/2024 11:18	51.7	36.4	0.4	11.5	-44.99	-45.29	-47.21	116.7	28.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	1/23/2024 13:38	56.4	38.4	4.1	1.1	-40.63	-40.64	-42.34	116.7	30.1	Valve Adjustment:No Change
OXMEW312	1/12/2024 8:52	51.0	38.5	0.0	10.5	-4.47	-4.47	-46.44	96.2	6.3	Valve Adjustment:No Change
OXMEW312	1/19/2024 10:13	57.1	38.7	0.0	4.2	-3.42	-3.42	-40.26	77.8	8.0	Valve Adjustment:No Change
OXMEW315	1/12/2024 10:38	46.4	37.5	0.0	16.1	-43.28	-43.25	-45.82	119.8	22.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	1/18/2024 10:44	53.6	37.1	0.0	9.3	-40.10	-40.13	-41.94	118.8	17.2	Valve Adjustment:No Change,Valve 100% open
OXMEW316	1/5/2024 11:16	59.0	40.5	0.1	0.4	-42.80	-42.80	-44.83	93.4	8.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	1/29/2024 15:18	54.8	37.0	0.2	8.0	-38.76	-38.76	-41.22	108.5	9.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	1/5/2024 11:11	57.6	39.6	0.9	1.9	-45.32	-45.06	-45.72	97.3	6.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	1/19/2024 11:08	57.8	40.2	0.9	1.1	-35.18	-35.79	-35.42	95.3	15.5	Valve Adjustment:No Change
OXMEW317	1/19/2024 11:14	59.4	40.6	0.0	0.0	-33.99	-34.02	-35.75	105.0	7.3	Valve Adjustment:No Change
OXMEW318	1/5/2024 11:03	52.3	37.5	0.0	10.2	-3.01	-3.04	-45.17	104.8	10.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW318	1/19/2024 10:57	57.6	36.8	0.1	5.5	-1.96	-1.96	-36.98	103.2	10.0	Valve Adjustment:No Change,Valve 10% open
OXMEW319	1/5/2024 10:03	49.8	37.1	0.2	12.9	-13.06	-13.06	-46.35	103.7	47.6	Valve Adjustment:No Change
OXMEW319	1/29/2024 14:26	52.5	37.9	0.4	9.2	-12.38	-12.44	-41.80	105.5	22.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	1/12/2024 10:26	55.1	41.6	0.0	3.3	-45.69	-45.89	-46.08	121.1	19.4	Valve Adjustment:No Change,Valve 100% open
OXMEW320	1/18/2024 10:20	54.7	37.9	0.7	6.7	-42.53	-42.54	-42.25	118.8	7.4	Valve Adjustment:No Change
OXMEW322	1/5/2024 11:20	54.4	39.4	0.0	6.2	-46.18	-46.18	-47.08	115.3	21.8	Valve Adjustment:No Change,Valve 100% open
OXMEW322	1/19/2024 11:19	59.4	40.2	0.0	0.4	-37.03	-37.09	-37.69	114.6	21.1	Valve Adjustment:No Change,Valve 100% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW323	1/5/2024 9:04	58.0	36.9	0.2	4.9	-43.46	-43.43	-45.75	107.6	8.8	Valve Adjustment:No Change,Valve 100% open
OXMEW323	1/29/2024 15:13	54.3	37.9	0.1	7.7	-38.94	-38.94	-42.24	110.7	7.9	Valve Adjustment:No Change,Valve 100% open
OXMEW328	1/9/2024 13:38	58.1	38.2	0.1	3.6	-31.21	-32.04	-31.66	68.2	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	1/16/2024 9:54	56.3	41.7	0.0	2.0	-25.19	-24.94	-25.35	60.9	8.8	Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	1/4/2024 10:19	56.2	39.7	0.2	3.9	-43.27	-43.32	-43.28	53.0		Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	1/17/2024 12:25	47.1	34.9	0.9	17.1	-39.58	-39.50	-39.57	57.9		Valve Adjustment:No Change,Valve 100% open
OXMEWW05	1/5/2024 10:24	54.7	44.3	0.0	1.0	-47.87	-47.58	-48.23	62.7	6.9	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	1/24/2024 12:29	52.4	38.3	2.1	7.2	-38.91	-38.68	-39.59	60.7	5.8	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	1/5/2024 10:29	54.5	44.5	0.1	0.9	-45.61	-45.64	-48.37	59.2	2.4	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	1/24/2024 12:26	52.8	37.5	1.7	8.0	-38.30	-38.30	-39.78	56.5	11.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	1/5/2024 9:29	55.2	43.8	0.0	1.0	-5.54	-5.65	-49.44	53.7	0.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW08	1/25/2024 9:31	55.9	40.2	2.0	1.9	-9.34	-9.33	-49.21	63.9	0.7	Valve Adjustment:No Change,Valve at minimum position
OXMEWW18	1/12/2024 10:00	57.5	37.5	0.2	4.8	-46.91	-46.88	-47.52	58.5	2.3	Valve Adjustment:No Change,Valve 100% open
OXMEWW18	1/19/2024 13:06	51.9	34.4	0.9	12.8	-36.68	-36.69	-37.40	61.5	1.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW1G	1/5/2024 10:18	52.0	40.8	0.0	7.2	-26.34	-26.70	-48.31	80.0	9.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1G	1/24/2024 12:33	51.0	35.1	0.4	13.5	-29.19	-29.10	-39.19	77.3	6.8	Valve Adjustment:No Change,Valve 15% open
OXMEWW1S	1/12/2024 10:17	56.2	38.4	0.5	4.9	-26.38	-26.38	-45.53	64.8	19.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	1/24/2024 12:18	52.0	34.2	0.7	13.1	-21.96	-21.96	-37.10	64.2	17.0	Valve Adjustment:No Change
OXMHCF03	1/10/2024 10:43	55.9	26.0	0.5	17.6	-35.57	-35.56	-47.24	81.3	93.0	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	1/17/2024 9:32	58.7	39.4	0.0	1.9	-44.37	-44.89	-45.65	84.9	15.6	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	1/10/2024 10:40	57.8	38.0	0.9	3.3	-47.83	-47.72	-47.76	51.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF04	1/17/2024 9:29	57.7	39.9	0.4	2.0	-45.74	-45.73	-46.19	55.9	10.0	Valve Adjustment:No Change
OXMPEW30	1/5/2024 9:56	57.3	39.8	0.1	2.8	-49.83	-49.69	-49.81	57.6	0.7	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	1/25/2024 9:59	54.7	41.4	0.0	3.9	-49.12	-49.08	-49.23	59.6	1.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	1/5/2024 10:37	55.1	42.8	0.1	2.0	-49.58	-49.69	-49.73	61.1	0.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	1/25/2024 10:09	56.5	39.5	0.1	3.9	-49.08	-49.14	-49.25	60.9	1.6	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	1/4/2024 12:59	25.4	31.1	0.0	43.5	-29.26	-16.93	-49.29	70.0	6.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW32	1/22/2024 13:31	56.9	40.7	0.2	2.2	-34.78	-34.78	-42.19	59.1	0.6	Valve Adjustment:No Change,Valve at minimum position
OXMPEW33	1/5/2024 9:18	41.8	36.5	0.0	21.7	-6.06	-5.67	-50.54	78.3	13.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW33	1/25/2024 9:29	55.3	39.3	0.0	5.4	-15.01	-16.02	-49.65	75.5	10.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
<b>OXMPEW35</b>	1/5/2024 10:57	41.5	36.8	0.3	21.4	-42.15	-40.87	-45.62	121.3	26.1	Valve Adjustment:Closed valve 1/2 turn or less
<b>OXMPEW35</b>	1/25/2024 9:47	48.1	39.0	1.0	11.9	-39.67	-39.58	-45.77	120.4	23.3	Valve Adjustment:Closed valve 1/2 turn or less

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..	Deg. F.	scfm	
OXMPEW44	1/12/2024 10:11	52.3	37.1	2.0	8.6	-49.48	-49.48	-49.11	53.6	2.6	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	1/24/2024 12:16	52.0	34.2	1.9	11.9	-39.58	-39.60	-40.11	56.1	1.7	Valve Adjustment:No Change,Valve 100% open
OXSS2032	1/8/2024 9:12	53.2	43.7	0.0	3.1	-4.39	-4.55	-38.32	63.5	31.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXSS2032	1/18/2024 11:24	56.2	42.0	0.1	1.7	-3.18	-3.19	-35.67	65.3	34.1	Valve Adjustment:No Change,Valve 30% open
OXSS2033	1/8/2024 9:49	58.8	36.8	0.1	4.3	-40.19	-40.21	-42.64	54.2	22.7	Valve Adjustment:No Change,Valve 100% open
OXSS2033	1/18/2024 11:02	59.5	37.6	0.1	2.8	-35.94	-35.44	-40.71	58.1	27.9	Valve Adjustment:No Change,Valve 100% open
OXSS2034	1/8/2024 9:45	56.7	33.8	0.3	9.2	-39.42	-39.46	-38.43	54.2	5.8	Valve Adjustment:No Change,Valve 100% open
OXSS2034	1/18/2024 10:59	53.4	32.8	0.4	13.4	-36.08	-36.04	-35.20	57.3	4.5	Valve Adjustment:No Change,Valve 100% open
OXSS2215	1/12/2024 9:38	43.4	31.6	4.5	20.5	-0.34	-0.23	-42.90	68.3	7.9	Valve Adjustment:Closed valve 1/2 turn or less
OXSS2215	1/16/2024 9:19	47.3	33.3	3.5	15.9	-0.19	-0.18	-37.66	65.1	7.7	Valve Adjustment:Closed valve 1/2 turn or less
OXSS2216	1/8/2024 13:30	58.1	38.5	0.4	3.0	-2.40	-2.41	-45.09	61.9	6.7	Valve Adjustment:No Change,Valve 5% open
OXSS2216	1/19/2024 12:47	52.4	25.2	0.3	22.1	-0.05	-0.05	-37.30	59.3	8.3	Valve Adjustment:No Change,Valve at minimum position

<sup>1</sup> - Oxygen is only required to be monitored per NESHAP Subpart AAAA 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, OXMPEW35
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≤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, <del>OXLCS04</del> , OXLCS4A, OXLCS4B, <del>OXLCS05</del> , <del>OXLCS06</del> , OXLCS07, <del>OXMEWHC6</del> , <del>OXMTBTC4</del> , OXMEWW47, and <del>OXMHCF06</del> .
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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, <del>OXLCS04</del> , OXLCS4A, OXLCS4B, <del>OXLCS05</del> , <del>OXLCS06</del> , and OXLCS07.
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\*Wells that have been decommissioned are noted with a strikethrough.

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - February 1, 2, 5, 6, 7, 8, 9, 10, 14, 15, 19, 20, 21, 22, 23, 26, and 27, 2024

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..	Deg. F.	scfm	
OMLEW101	2/9/2024 15:03	53.3	37.9	1.6	7.2	-3.56	-4.87	-43.72	70.5	40.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OMLEW101	2/26/2024 11:44	46.9	37.1	1.5	14.5	-6.77	-6.45	-41.63	71.0	2.1	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW104	2/7/2024 9:52	48.6	31.6	1.4	18.4	-26.74	-26.79	-28.74	75.8	35.2	Valve Adjustment:No Change
OMLEW104	2/26/2024 13:23	56.3	37.0	0.0	6.7	-41.25	-41.51	-44.10	82.2	41.6	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	2/7/2024 9:54	51.4	34.7	1.4	12.5	-28.53	-28.54	-28.57	51.3	13.6	Valve Adjustment:No Change
OMLEW107	2/26/2024 13:25	59.3	38.4	0.0	2.3	-43.94	-43.98	-44.03	64.0	8.6	Valve Adjustment:No Change,Valve 100% open
OMLFEW59	2/2/2024 12:59	55.3	39.7	0.2	4.8	-1.52	-1.67	-41.43	102.1	10.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OMLFEW59	2/20/2024 14:05	52.4	38.6	0.2	8.8	-1.70	-1.70	-38.49	102.2	18.3	Valve Adjustment:No Change
OMLFEW72	2/7/2024 9:41	52.3	35.0	2.3	10.4	-1.53	-1.53	-28.35	48.8	5.6	Valve Adjustment:No Change,Valve at minimum position
OMLFEW72	2/27/2024 12:31	42.7	33.3	0.0	24.0	-1.79	-1.71	-33.75	58.8	6.3	Valve Adjustment:Closed valve 1/2 turn or less
OMLFEW99	2/10/2024 12:17	45.2	35.1	0.2	19.5	-1.05	-0.82	-49.02	64.7	9.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLFEW99	2/26/2024 13:06	59.5	36.4	0.2	3.9	-0.05	-0.09	-46.79	61.1	3.7	Valve Adjustment:Opened valve 1/2 turn or less
<b>OMTLTS01</b>	2/15/2024 8:32	32.8	25.0	10.0	32.2	-0.95	-0.89	-46.35	66.1	8.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS01</b>	2/21/2024 14:58	32.1	27.0	6.3	34.6	-0.55	-0.20	-40.62	63.2	6.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS02</b>	2/15/2024 8:41	42.4	32.5	2.7	22.4	-0.92	-0.90	-48.00	66.6	11.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS02</b>	2/21/2024 14:53	45.6	35.1	1.8	17.5	-0.63	-0.46	-39.69	68.2	4.7	Valve Adjustment:Closed valve 1/2 turn or less
<b>OMTLTS03</b>	2/15/2024 8:44	37.0	28.7	1.8	32.5	-1.09	-1.07	-47.41	66.0	8.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS03</b>	2/21/2024 14:49	39.7	31.6	1.7	27.0	-0.88	-0.63	-40.70	66.6	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS04</b>	2/15/2024 9:02	8.1	8.8	12.6	70.5	-0.61	-0.61	-46.96	57.8	0.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS04</b>	2/21/2024 14:42	30.2	24.2	4.7	40.9	-0.44	-0.44	-39.90	69.6	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS05</b>	2/15/2024 9:06	5.4	5.9	14.2	74.5	-0.60	-0.60	-39.59	59.5	0.3	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS05</b>	2/21/2024 14:38	21.6	22.2	2.6	53.6	-0.48	-0.47	-33.72	69.7	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS06</b>	2/15/2024 9:13	11.9	12.5	9.4	66.2	-0.66	-0.62	-39.21	83.9	9.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS06</b>	2/21/2024 14:34	20.1	21.9	7.0	51.0	-0.63	-0.46	-31.93	76.8	6.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS07</b>	2/5/2024 10:56	46.6	31.0	0.1	22.3	-0.47	-0.48	-30.49	73.9	5.2	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS07</b>	2/15/2024 10:44	45.4	31.9	1.2	21.5	-0.53	-0.53	-38.60	76.0	5.8	Valve Adjustment:No Change,Valve at minimum position
<b>OMTLTS07</b>	2/21/2024 14:22	55.5	38.2	0.5	5.8	-0.61	-0.61	-29.98	73.7	5.4	Valve Adjustment:Opened valve 1/2 turn or less
<b>OMTLTS08</b>	2/15/2024 10:20	0.0	0.2	21.8	78.0	-38.97	-27.83	-38.82	63.2	0.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS08</b>	2/15/2024 10:22	0.0	0.0	21.9	78.1	-4.55	-0.47	-39.69	62.1	4.8	Valve Adjustment:NSPS,Valve at minimum position
<b>OMTLTS08</b>	2/27/2024 14:44	0.5	7.4	18.6	73.5	-0.09	-0.09	-43.83	69.0	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
<b>OMTLTS08</b>	2/27/2024 14:45	0.4	5.8	19.0	74.8	-0.17	-0.16	-44.46	70.2	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less

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..	Deg. F.	scfm	
OMTLTS09	2/5/2024 10:20	12.5	11.6	13.2	62.7	-0.32	-0.32	-31.28	61.3	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	2/15/2024 10:15	38.4	23.8	12.5	25.3	-0.38	-0.38	-37.44	62.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	2/22/2024 13:03	47.5	22.1	1.1	29.3	-0.22	-0.21	-45.76	72.8	0.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	2/15/2024 10:50	43.1	31.6	3.1	22.2	-0.42	-0.42	-34.74	59.5	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	2/22/2024 13:09	32.9	20.5	3.2	43.4	-0.23	-0.22	-42.16	65.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	2/15/2024 10:57	16.0	15.0	11.4	57.6	-0.46	-0.45	-30.00	61.6	2.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	2/22/2024 13:21	20.2	18.0	6.3	55.5	-0.34	-0.25	-43.53	67.2	2.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	2/15/2024 11:47	11.9	7.9	14.2	66.0	-0.81	-0.81	-37.18	67.9	7.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	2/22/2024 13:29	19.4	18.1	8.3	54.2	-0.47	-0.12	-42.82	72.2	6.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	2/15/2024 11:52	15.5	9.7	14.1	60.7	-0.41	-0.41	-44.35	62.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	2/27/2024 14:34	32.9	30.8	1.4	34.9	-0.01	-0.01	-43.68	69.2	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	2/15/2024 11:59	13.3	13.4	5.2	68.1	-0.45	-0.46	-31.96	64.9	0.1	Valve Adjustment:Valve at minimum position
OMTLTS16	2/22/2024 13:50	21.9	22.1	2.8	53.2	-0.11	-0.07	-34.72	72.1	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	2/10/2024 8:29	57.8	32.9	1.3	8.0	-0.01	-0.10	-47.48	47.9	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS17	2/22/2024 13:54	9.2	16.0	7.3	67.5	-0.07	-0.06	-45.83	67.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	2/10/2024 8:34	61.5	36.2	0.0	2.3	-0.04	-0.23	-48.02	49.5	2.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS18	2/10/2024 8:36	48.7	31.7	4.4	15.2	-0.24	-0.24	-48.06	57.2	5.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	2/22/2024 13:59	47.6	29.9	4.2	18.3	-0.25	-0.08	-45.78	65.7	5.1	Valve Adjustment:Closed valve 1/2 turn or less
OMTLTS19	2/10/2024 8:42	55.2	33.0	0.2	11.6	-0.02	-0.07	-47.73	47.6	4.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS19	2/22/2024 14:05	57.4	34.9	1.0	6.7	-0.01	-0.02	-46.18	70.8	1.6	Valve Adjustment:Opened valve 1/2 turn or less
OMTLTS20	2/10/2024 8:47	61.3	37.1	0.0	1.6	-0.06	-0.08	-47.37	74.1	9.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMTLTS20	2/22/2024 14:11	56.0	35.5	0.0	8.5	-0.01	-0.02	-46.16	72.7	10.9	Valve Adjustment:Opened valve 1/2 turn or less
OXE2022R	2/9/2024 10:33	52.2	38.5	1.1	8.2	-40.28	-40.25	-43.20	66.6	1.7	Valve Adjustment:No Change,Valve 10% open
OXE2022R	2/23/2024 11:49	53.6	41.8	0.5	4.1	-45.78	-45.79	-43.41	64.0	1.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW133B	2/15/2024 8:53	43.2	35.5	0.1	21.2	-9.30	-9.26	-46.49	62.7	108.5	Valve Adjustment:No Change
OXEW133B	2/27/2024 13:56	2.6	4.3	16.1	77.0	-6.36	-9.42	-45.10	68.7	185.3	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXEW133B	2/27/2024 13:58	8.1	16.0	6.0	69.9	-7.35	-6.78	-44.23	66.4	87.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW134A	2/15/2024 8:50	36.7	28.7	2.5	32.1	-10.58	-4.12	-46.78	60.6	17.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	2/21/2024 15:29	42.9	40.2	0.0	16.9	-12.14	-10.11	-40.48	68.8	12.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	2/15/2024 8:48	36.9	28.6	1.9	32.6	-3.31	-2.86	-46.59	57.6	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	2/21/2024 15:26	47.1	42.5	0.0	10.4	-22.91	-22.35	-38.55	66.4	142.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW137B	2/15/2024 10:39	49.4	32.7	0.5	17.4	-45.62	-46.53	-45.63	65.8	0.0	Valve Adjustment:No Change
OXEW137B	2/21/2024 14:29	56.2	43.5	0.3	0.0	-39.06	-39.13	-39.22	67.9	11.5	Valve Adjustment:No Change,Valve 100% open

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..	Deg. F.	scfm	
OXEW1601	2/6/2024 12:20	53.4	34.2	0.2	12.2	-11.15	-11.16	-30.08	118.5	54.8	Valve Adjustment:No Change
OXEW1601	2/20/2024 9:49	58.6	41.0	0.0	0.4	-19.07	-19.24	-40.17	120.4	149.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	2/15/2024 11:49	58.7	40.1	0.0	1.2	-28.33	-28.29	-44.75	127.6	24.7	Valve Adjustment:No Change,Valve 100% open
OXEW1602	2/23/2024 10:44	57.9	42.1	0.0	0.0	-27.26	-27.25	-46.10	127.2	25.7	Valve Adjustment:No Change,Valve 100% open
OXEW1603	2/6/2024 11:41	57.0	40.6	0.0	2.4	-29.76	-29.62	-29.90	94.3	3.4	Valve Adjustment:No Change,Valve 100% open
OXEW1603	2/20/2024 10:07	57.3	42.7	0.0	0.0	-39.99	-40.19	-39.94	109.3	5.4	Valve Adjustment:No Change,Valve 100% open
OXEW1604	2/9/2024 14:14	55.0	38.0	1.0	6.0	-7.95	-8.31	-39.25	125.4	195.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	2/20/2024 10:17	54.0	42.3	0.6	3.1	-9.04	-9.03	-37.46	125.0	125.6	Valve Adjustment:No Change
OXEW1611	2/15/2024 8:49	52.1	37.5	2.2	8.2	-9.58	-9.60	-34.71	54.4	3.1	Valve Adjustment:No Change
OXEW1611	2/20/2024 11:57	49.1	37.4	2.9	10.6	-10.88	-10.88	-32.30	56.0	2.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1612	2/9/2024 9:24	54.4	35.7	1.0	8.9	-44.01	-44.37	-44.73	125.7	24.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1612	2/23/2024 10:35	57.9	42.0	0.0	0.1	-45.43	-45.55	-45.53	125.4	26.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	2/9/2024 14:18	53.7	39.6	1.0	5.7	-43.21	-43.26	-44.28	120.2	126.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	2/20/2024 10:21	55.3	43.4	0.1	1.2	-38.99	-38.91	-41.10	125.5	103.3	Valve Adjustment:No Change
OXEW1614	2/6/2024 11:27	52.0	37.0	0.1	10.9	-0.92	-0.93	-31.41	108.0	13.9	Valve Adjustment:No Change
OXEW1614	2/23/2024 11:12	51.3	40.3	0.1	8.3	-1.63	-1.64	-46.35	109.0	17.1	Valve Adjustment:No Change
OXEW1616	2/6/2024 11:11	54.0	39.5	0.6	5.9	-16.63	-16.61	-21.48	113.0	25.6	
OXEW1616	2/23/2024 11:29	56.1	43.9	0.0	0.0	-27.74	-28.58	-35.53	113.6	21.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1617	2/6/2024 10:46	52.8	38.5	0.0	8.7	-2.01	-2.01	-29.45	128.6	14.6	Valve Adjustment:No Change,Valve 20% open
OXEW1617	2/23/2024 12:33	54.4	45.4	0.0	0.2	-4.44	-4.58	-46.49	128.8	17.3	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXEW1618</b>	2/9/2024 9:54	49.4	39.6	0.0	11.0	-3.85	-3.84	-44.74	127.6	25.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
<b>OXEW1618</b>	2/23/2024 10:59	53.7	43.2	0.0	3.1	-2.16	-2.24	-47.07	127.0	23.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1619	2/14/2024 13:16	57.2	42.0	0.1	0.7	-45.10	-45.10	-45.46	110.5	4.0	Valve Adjustment:No Change,Valve 100% open
OXEW1619	2/21/2024 16:08	56.0	43.9	0.1	0.0	-43.73	-43.77	-43.97	110.3	11.0	Valve Adjustment:No Change,Valve 100% open
OXEW1620	2/14/2024 13:23	54.4	34.7	0.0	10.9	-6.39	-10.72	-45.66	86.3	3.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1620	2/21/2024 16:14	41.1	38.6	0.0	20.3	-18.52	-14.51	-44.58	101.4	7.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	2/14/2024 11:38	54.5	40.8	0.0	4.7	-0.88	-1.07	-46.26	107.2	17.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1621	2/26/2024 14:49	36.9	37.0	0.1	26.0	-3.55	-3.08	-45.71	116.3	30.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	2/14/2024 13:45	41.8	31.2	2.5	24.5	-34.55	-33.57	-45.70	115.7	25.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	2/21/2024 16:04	49.0	38.9	3.2	8.9	-30.07	-29.72	-43.18	116.7	25.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1701	2/10/2024 10:22	58.5	40.1	0.0	1.4	-42.31	-42.26	-42.70	118.9	17.6	Valve Adjustment:No Change,Valve 100% open
OXEW1701	2/22/2024 15:47	58.5	39.4	0.0	2.1	-40.69	-39.85	-41.35	118.4	14.8	Valve Adjustment:No Change,Valve 100% open
OXEW1702	2/10/2024 10:29	56.3	37.4	0.0	6.3	-39.12	-39.26	-41.16	123.6	35.1	Valve Adjustment:No Change,Valve 100% open

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..	Deg. F.	scfm	
OXEW1702	2/23/2024 12:07	57.3	42.7	0.0	0.0	-39.11	-39.21	-41.31	123.4	38.1	Valve Adjustment:No Change,Valve 100% open
OXEW1703	2/9/2024 10:37	54.8	37.0	0.0	8.2	-40.38	-40.16	-40.28	69.8	5.9	Valve Adjustment:No Change,Valve 100% open
OXEW1703	2/9/2024 10:43	56.8	39.3	0.2	3.7	-41.20	-40.79	-41.19	68.6	1.2	Valve Adjustment:No Change,Valve 100% open
OXEW1703	2/23/2024 11:57	56.1	43.9	0.0	0.0	-40.48	-40.65	-40.22	67.0	1.9	Valve Adjustment:No Change,Valve 100% open
OXEW1705	2/9/2024 12:21	57.2	36.6	0.1	6.1	-42.91	-42.92	-42.90	99.5	2.2	Valve Adjustment:No Change,Valve 100% open
OXEW1705	2/9/2024 12:27	56.7	39.2	0.0	4.1	-43.15	-43.00	-43.45	101.4	5.7	Valve Adjustment:No Change,Valve 100% open
OXEW1705	2/20/2024 10:35	56.9	43.1	0.0	0.0	-40.27	-40.61	-40.66	104.8	5.8	Valve Adjustment:No Change,Valve 100% open
OXEW1716	2/2/2024 13:16	59.1	35.1	0.1	5.7	-45.17	-45.12	-46.08	85.6	7.0	Valve Adjustment:No Change,Valve 100% open
OXEW1716	2/2/2024 13:22	56.8	42.1	0.0	1.1	-45.69	-45.69	-46.66	85.1	5.1	Valve Adjustment:No Change,Valve 100% open
OXEW1716	2/20/2024 14:09	56.1	42.4	0.0	1.5	-41.89	-41.94	-42.06	80.5	6.2	Valve Adjustment:No Change,Valve 100% open
OXEW1717	2/10/2024 12:40	12.9	7.2	13.8	66.1	-18.86	-17.15	-48.71	98.6	13.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 15% open
OXEW1717	2/10/2024 12:44	9.0	5.1	15.7	70.2	-14.47	-10.28	-48.22	97.9	12.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1717	2/21/2024 13:48	53.3	33.6	1.0	12.1	-37.77	-38.82	-41.98	75.0	1.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1801	2/9/2024 10:08	51.2	39.2	0.0	9.6	-12.15	-12.20	-45.12	118.3	10.7	Valve Adjustment:No Change,Valve 20% open
OXEW1801	2/9/2024 10:14	51.0	38.4	0.0	10.6	-11.41	-11.40	-44.52	116.7	7.4	Valve Adjustment:No Change,Valve 20% open
OXEW1801	2/23/2024 11:22	50.6	41.9	0.0	7.5	-12.02	-11.99	-45.72	117.8	9.9	Valve Adjustment:No Change
OXEW1804	2/9/2024 9:46	56.6	39.6	0.1	3.7	-42.84	-43.05	-44.55	122.3	15.6	Valve Adjustment:No Change,Valve 100% open
OXEW1804	2/23/2024 10:54	57.0	43.0	0.0	0.0	-44.28	-44.33	-45.40	118.6	16.1	Valve Adjustment:No Change,Valve 100% open
OXEW1805	2/9/2024 9:39	57.4	38.2	0.1	4.3	-42.34	-42.34	-45.31	110.0	18.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1805	2/23/2024 10:52	57.1	42.9	0.0	0.0	-44.87	-44.86	-45.53	107.7	4.7	Valve Adjustment:No Change,Valve 100% open
OXEW1806	2/14/2024 12:38	47.4	38.4	0.0	14.2	-0.56	-0.55	-46.04	115.0	12.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1806	2/22/2024 16:00	42.8	37.0	0.0	20.2	-1.17	-1.06	-45.52	115.8	13.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1807	2/6/2024 11:02	53.9	39.4	0.0	6.7	-14.49	-14.46	-28.13	127.1	25.1	Valve Adjustment:No Change,Valve 35% open
OXEW1807	2/23/2024 11:41	51.7	43.3	0.0	5.0	-26.83	-26.66	-47.37	127.7	30.5	Valve Adjustment:No Change
OXEW1809	2/8/2024 14:49	51.9	34.3	2.4	11.4	-38.94	-38.97	-42.56	108.7	37.4	Valve Adjustment:No Change,Valve 100% open
OXEW1809	2/20/2024 9:40	58.9	40.2	0.2	0.7	-38.06	-38.10	-40.52	108.9	34.9	Valve Adjustment:No Change,Valve 100% open
OXEW1810	2/1/2024 12:18	33.1	20.3	0.8	45.8	-0.62	-0.60	-45.98	62.5	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1810	2/27/2024 13:24	51.4	28.2	2.8	17.6	-26.83	-26.81	-42.66	62.8	0.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1811	2/15/2024 7:59	53.9	35.9	1.2	9.0	-5.55	-5.57	-45.76	51.1	10.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1811	2/23/2024 12:56	56.7	43.0	0.3	0.0	-3.84	-4.06	-41.82	71.5	10.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1812	2/14/2024 9:13	54.4	36.3	0.6	8.7	-11.51	-14.75	-44.48	123.3	21.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1812	2/26/2024 14:13	54.7	37.7	0.6	7.0	-18.29	-18.73	-44.18	123.9	28.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1813	2/6/2024 11:07	54.0	39.8	0.1	6.1	-27.20	-27.27	-27.34	93.0	6.8	Valve Adjustment:No Change,Valve 100% open

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..	Deg. F.	scfm	
OXEW1813	2/23/2024 11:33	56.6	43.4	0.0	0.0	-45.61	-45.35	-45.25	95.4	5.3	Valve Adjustment:No Change,Valve 100% open
OXEW1815	2/10/2024 9:21	54.4	38.9	0.0	6.7	-6.26	-6.31	-47.86	121.6	11.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1815	2/10/2024 9:30	53.4	38.9	0.0	7.7	-6.88	-7.28	-47.11	122.3	11.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1815	2/22/2024 14:55	46.7	37.2	0.0	16.1	-8.44	-7.99	-45.82	122.2	14.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1816	2/9/2024 11:30	55.2	36.5	0.0	8.3	-18.42	-20.18	-45.99	122.2	73.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1816	2/20/2024 11:00	58.6	40.3	0.0	1.1	-19.47	-19.78	-43.85	122.2	83.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1817	2/15/2024 11:35	60.4	37.6	0.0	2.0	-41.47	-41.34	-43.85	116.8	10.7	Valve Adjustment:No Change,Valve 100% open
OXEW1817	2/20/2024 11:08	57.2	42.8	0.0	0.0	-38.07	-37.64	-40.72	117.3	12.1	Valve Adjustment:No Change,Valve 100% open
OXEW1821	2/2/2024 10:22	32.4	22.9	0.5	44.2	-0.19	-0.19	-46.40	50.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	2/20/2024 14:39	35.3	23.8	0.0	40.9	-0.03	-0.04	-43.91	47.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	2/2/2024 10:18	15.2	18.1	1.8	64.9	-0.17	-0.17	-46.52	50.7	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	2/20/2024 14:34	18.0	21.7	0.0	60.3	-0.09	-0.08	-44.02	47.9	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	2/2/2024 9:55	42.8	27.7	0.1	29.4	-0.06	-0.06	-46.22	59.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	2/20/2024 14:27	33.5	28.2	0.0	38.3	-0.04	-0.03	-44.53	47.9	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	2/1/2024 11:58	59.1	27.3	0.4	13.2	-45.13	-45.21	-45.54	61.7	0.4	Valve Adjustment:No Change,Valve 100% open
OXEW1824	2/1/2024 12:04	53.8	28.4	2.9	14.9	-45.33	-45.38	-45.81	62.7	0.5	Valve Adjustment:No Change,Valve 100% open
OXEW1824	2/20/2024 15:03	65.7	30.6	0.3	3.4	-43.30	-43.47	-43.89	52.7	3.4	Valve Adjustment:No Change,Valve 100% open
OXEW1825	2/1/2024 12:22	50.0	33.7	0.4	15.9	-2.41	-2.41	-46.12	58.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1825	2/20/2024 15:06	36.2	27.4	3.4	33.0	-4.04	-4.01	-43.86	53.3	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	2/14/2024 10:39	51.1	34.6	0.1	14.2	-7.21	-7.32	-44.34	65.6	0.9	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	2/26/2024 13:39	51.6	36.7	0.0	11.7	-7.94	-7.85	-43.99	74.4	1.8	Valve Adjustment:No Change
OXEW1901	2/15/2024 12:05	54.8	36.6	0.2	8.4	-46.87	-46.87	-47.46	95.6	7.6	Valve Adjustment:No Change,Valve 100% open
OXEW1901	2/22/2024 16:10	57.0	41.6	0.0	1.4	-45.67	-45.35	-45.70	97.3	26.0	Valve Adjustment:No Change,Valve 100% open
OXEW1902	2/9/2024 10:56	53.5	37.0	0.0	9.5	-3.97	-4.05	-43.61	63.6	11.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1902	2/23/2024 12:04	51.5	40.8	0.0	7.7	-4.06	-4.03	-44.05	63.6	12.5	Valve Adjustment:No Change
OXEW1904	2/9/2024 10:27	52.1	37.5	0.3	10.1	-21.33	-21.33	-43.51	107.0	54.8	Valve Adjustment:No Change,Valve 55% open
OXEW1904	2/23/2024 11:53	51.1	41.2	0.3	7.4	-22.14	-22.14	-44.52	100.8	57.3	Valve Adjustment:No Change
OXEW1908	2/8/2024 15:29	55.1	35.5	0.9	8.5	-31.76	-31.73	-34.78	104.6	63.2	Valve Adjustment:No Change,Valve 100% open
OXEW1908	2/20/2024 12:07	57.7	42.3	0.0	0.0	-30.35	-30.38	-32.24	104.9	60.4	Valve Adjustment:No Change,Valve 100% open
OXEW1909	2/15/2024 8:31	57.9	38.7	0.0	3.4	-29.57	-35.06	-44.45	101.7	52.1	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXEW1909	2/20/2024 12:16	57.5	41.2	0.0	1.3	-33.11	-33.45	-39.80	101.3	55.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1910	2/8/2024 15:16	55.1	39.5	0.6	4.8	-5.66	-6.58	-42.25	110.5	47.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1910	2/27/2024 11:18	51.5	37.5	0.7	10.3	-6.36	-6.36	-32.18	112.5	42.8	Valve Adjustment:No Change



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..	Deg. F.	scfm	
OXEW1911	2/9/2024 9:32	53.4	37.0	1.5	8.1	-42.69	-42.69	-43.57	114.6	6.7	Valve Adjustment:No Change,Valve 100% open
OXEW1911	2/23/2024 10:40	55.9	43.3	0.5	0.3	-43.82	-43.86	-45.86	124.9	53.4	Valve Adjustment:No Change,Valve 100% open
OXEW1912	2/6/2024 12:15	55.8	39.6	0.0	4.6	-29.68	-29.64	-31.63	119.8	34.4	Valve Adjustment:No Change,Valve 100% open
OXEW1912	2/20/2024 9:52	58.2	41.8	0.0	0.0	-39.93	-39.93	-42.71	118.3	42.1	Valve Adjustment:No Change,Valve 100% open
OXEW1913	2/14/2024 10:20	58.6	35.6	0.5	5.3	-37.55	-37.57	-44.67	94.9	22.7	Valve Adjustment:No Change,Valve 20% open
OXEW1913	2/14/2024 10:30	58.5	40.0	0.3	1.2	-36.68	-39.20	-44.85	94.7	21.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1913	2/26/2024 14:06	56.5	37.7	0.6	5.2	-40.32	-40.85	-43.93	94.4	72.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1914	2/6/2024 10:02	56.3	36.7	0.1	6.9	-31.95	-31.93	-32.21	80.5	6.8	Valve Adjustment:No Change,Valve 100% open
OXEW1914	2/23/2024 13:16	57.3	42.7	0.0	0.0	-41.67	-41.60	-41.54	82.0	9.9	Valve Adjustment:No Change,Valve 100% open
OXEW1915	2/1/2024 10:41	54.8	40.5	0.1	4.6	-2.56	-3.12	-47.49	58.6	7.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1915	2/19/2024 11:21	54.8	43.9	0.1	1.2	-3.95	-4.13	-46.31	57.3	9.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1916	2/10/2024 13:26	57.3	38.8	3.9	0.0	-46.38	-46.37	-46.81	68.7	0.5	Valve Adjustment:No Change,Valve 100% open
OXEW1916	2/26/2024 11:18	48.8	23.5	4.7	23.0	-44.20	-44.11	-44.19	65.8	2.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1917	2/10/2024 13:04	54.3	34.5	0.3	10.9	-45.64	-45.67	-46.43	67.1	2.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1917	2/26/2024 11:26	58.0	39.3	0.4	2.3	-44.67	-44.66	-44.63	64.0	0.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1919	2/2/2024 9:59	50.8	35.0	0.0	14.2	-19.01	-18.52	-45.89	64.9	6.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	2/20/2024 14:30	33.2	30.9	0.0	35.9	-18.89	-17.53	-43.89	61.3	5.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1920	2/2/2024 10:26	40.7	24.2	0.5	34.6	-0.03	-0.03	-46.27	50.5	1.7	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	2/20/2024 14:44	44.7	27.1	0.0	28.2	-0.01	-0.01	-43.73	47.4	5.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	2/2/2024 10:39	55.2	37.0	0.1	7.7	-36.97	-37.30	-47.03	107.1	27.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1921	2/20/2024 14:18	53.4	39.7	0.0	6.9	-39.53	-39.55	-44.19	98.2	21.0	Valve Adjustment:No Change
OXEW2001	2/10/2024 13:18	51.8	36.7	0.1	11.4	-1.80	-1.79	-46.75	115.3	7.3	Valve Adjustment:No Change,Valve 5% open
OXEW2001	2/26/2024 12:04	49.0	38.3	0.0	12.7	-1.04	-1.02	-40.31	105.7	6.7	Valve Adjustment:No Change
OXEW2002	2/1/2024 11:15	55.7	42.2	0.3	1.8	-18.70	-23.10	-47.70	108.0	26.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2002	2/27/2024 12:55	57.1	39.9	0.0	3.0	-16.60	-16.82	-35.50	107.6	26.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2003	2/2/2024 13:36	56.2	41.5	0.1	2.2	-48.55	-48.52	-49.34	100.4	8.3	Valve Adjustment:No Change,Valve 100% open
OXEW2003	2/27/2024 12:47	56.7	40.7	0.0	2.6	-35.25	-35.28	-35.31	100.9	6.3	Valve Adjustment:No Change,Valve 100% open
OXEW2004	2/10/2024 12:53	55.0	38.9	0.3	5.8	-42.41	-42.47	-49.62	121.5	46.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW2004	2/20/2024 13:47	54.3	38.3	0.0	7.4	-40.87	-40.91	-46.52	121.0	45.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2005	2/1/2024 12:27	54.8	39.5	0.1	5.6	-2.68	-2.94	-46.23	101.0	2.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2005	2/20/2024 14:14	53.0	40.6	0.0	6.4	-5.19	-5.08	-43.73	117.4	11.5	Valve Adjustment:No Change
OXEW2007	2/2/2024 10:33	57.3	36.7	0.0	6.0	-45.35	-45.41	-46.42	94.6	30.8	Valve Adjustment:No Change,Valve 100% open
OXEW2007	2/20/2024 14:23	57.6	40.4	0.0	2.0	-43.63	-43.52	-44.13	90.6	42.9	Valve Adjustment:No Change,Valve 100% open

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..	Deg. F.	scfm	
OXEW2008	2/1/2024 12:41	55.3	28.2	1.8	14.7	-46.05	-46.04	-46.32	53.9	2.1	Valve Adjustment:No Change,Valve 100% open
OXEW2008	2/20/2024 14:51	66.7	28.5	0.3	4.5	-43.41	-43.64	-43.47	49.5	7.3	Valve Adjustment:No Change,Valve 100% open
OXEW2009	2/1/2024 7:53	56.7	38.9	0.8	3.6	-46.52	-46.37	-46.15	91.0	44.6	Valve Adjustment:No Change,Valve 100% open
OXEW2009	2/27/2024 13:15	61.4	37.5	0.2	0.9	-42.98	-42.98	-43.40	98.2	9.1	Valve Adjustment:No Change,Valve 100% open
OXEW2010	2/10/2024 13:30	51.4	34.3	0.6	13.7	-42.04	-42.04	-46.71	74.1	1.9	Valve Adjustment:No Change,Valve at minimum position
OXEW2010	2/26/2024 11:30	57.4	39.3	0.3	3.0	-37.72	-42.60	-44.73	72.4	5.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2011	2/10/2024 13:13	53.3	36.8	0.1	9.8	-18.43	-18.54	-46.57	92.2	10.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2011	2/26/2024 11:12	56.5	40.9	0.0	2.6	-7.91	-8.22	-44.15	94.8	11.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2012	2/1/2024 11:29	54.1	41.4	0.1	4.4	-30.14	-34.09	-48.62	103.2	16.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2012	2/26/2024 12:18	55.1	40.2	0.0	4.7	-37.51	-37.84	-47.18	99.2	14.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2016	2/6/2024 11:38	54.7	38.0	0.1	7.2	-8.67	-8.67	-30.44	130.0	15.9	Valve Adjustment:No Change,Valve 25% open
OXEW2016	2/20/2024 10:11	57.0	43.0	0.0	0.0	-14.68	-15.33	-40.64	130.0	17.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2017	2/9/2024 14:10	58.0	41.0	0.1	0.9	-10.66	-10.87	-47.54	126.0	46.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2017	2/20/2024 10:03	57.3	42.6	0.1	0.0	-10.28	-10.61	-45.85	126.5	46.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2020	2/10/2024 9:37	53.4	38.8	0.0	7.8	-34.09	-33.99	-48.38	130.4	29.6	Valve Adjustment:No Change,Valve 40% open
OXEW2020	2/22/2024 14:48	53.4	38.6	0.0	8.0	-32.45	-33.08	-45.07	130.1	28.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2021	2/10/2024 10:02	52.5	35.2	1.1	11.2	-5.60	-5.61	-46.91	66.9	1.3	Valve Adjustment:No Change,Valve 15% open
OXEW2021	2/22/2024 15:08	51.3	36.6	1.5	10.6	-8.34	-8.55	-45.51	77.2	1.7	Valve Adjustment:No Change
OXEW2022	2/14/2024 12:55	56.5	39.3	0.0	4.2	-44.25	-44.23	-45.63	120.4	26.7	Valve Adjustment:No Change,Valve 100% open
OXEW2022	2/22/2024 15:53	55.8	40.0	0.1	4.1	-43.64	-43.71	-44.86	119.9	23.3	Valve Adjustment:No Change,Valve 100% open
OXEW2023	2/9/2024 11:47	56.1	36.5	0.1	7.3	-41.83	-41.87	-42.38	123.5	36.6	Valve Adjustment:No Change,Valve 100% open
OXEW2023	2/20/2024 10:50	57.8	42.2	0.0	0.0	-39.61	-39.59	-40.38	124.1	34.0	Valve Adjustment:No Change,Valve 100% open
OXEW2024	2/15/2024 9:02	57.4	42.6	0.0	0.0	-39.93	-40.82	-42.06	123.4	7.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2024	2/20/2024 11:20	57.0	43.0	0.0	0.0	-38.89	-37.88	-40.66	123.4	19.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2026	2/15/2024 9:25	49.6	38.1	2.6	9.7	-34.54	-34.77	-34.67	56.5	2.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2026	2/20/2024 11:42	52.1	39.6	1.7	6.6	-41.38	-41.21	-41.31	59.6	3.3	Valve Adjustment:No Change
OXEW2027	2/15/2024 8:25	55.1	34.6	1.9	8.4	-42.47	-42.36	-42.59	51.5	0.2	Valve Adjustment:No Change,Valve 100% open
OXEW2027	2/27/2024 11:26	44.5	30.4	4.8	20.3	-30.63	-30.55	-30.63	61.1	0.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2028	2/15/2024 9:18	52.0	40.0	1.4	6.6	-36.19	-36.22	-36.31	55.5	7.3	Valve Adjustment:No Change,Valve 100% open
OXEW2028	2/20/2024 11:39	52.3	40.5	1.4	5.8	-41.58	-41.34	-41.57	57.9	6.3	Valve Adjustment:No Change,Valve 100% open
OXEW2029	2/14/2024 12:49	54.7	39.7	0.0	5.6	-16.41	-20.66	-46.88	123.4	38.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2029	2/23/2024 12:16	52.7	41.2	0.0	6.1	-27.15	-27.26	-48.58	123.6	43.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2030	2/9/2024 12:31	54.9	38.3	0.1	6.7	-34.81	-34.78	-35.08	121.9	16.8	Valve Adjustment:No Change,Valve 100% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2030	2/20/2024 10:30	57.9	42.1	0.0	0.0	-31.68	-31.67	-31.94	121.9	18.5	Valve Adjustment:No Change,Valve 100% open
OXEW2031	2/6/2024 11:33	54.0	39.1	0.0	6.9	-29.74	-29.72	-30.86	125.7	41.5	Valve Adjustment:No Change,Valve 100% open
OXEW2031	2/20/2024 10:26	57.6	42.4	0.0	0.0	-39.76	-39.78	-41.07	125.9	46.2	Valve Adjustment:No Change,Valve 100% open
OXEW2101	2/14/2024 12:34	49.4	38.7	0.0	11.9	-1.58	-1.56	-45.93	122.5	23.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2101	2/22/2024 16:04	44.6	37.6	0.0	17.8	-1.95	-1.65	-45.25	122.7	23.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2102	2/15/2024 8:46	58.9	40.8	0.0	0.3	-33.67	-33.81	-34.88	60.2	27.2	Valve Adjustment:No Change,Valve 100% open
OXEW2102	2/20/2024 11:54	57.4	42.6	0.0	0.0	-31.10	-31.06	-32.30	62.1	26.0	Valve Adjustment:No Change,Valve 100% open
OXEW2103	2/15/2024 8:58	57.4	40.9	0.2	1.5	-12.33	-14.28	-44.74	102.1	50.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2103	2/20/2024 11:16	58.0	41.9	0.1	0.0	-14.20	-14.44	-43.24	101.9	54.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2104	2/15/2024 9:10	57.8	42.1	0.0	0.1	-42.87	-42.75	-44.55	114.1	12.4	Valve Adjustment:No Change,Valve 100% open
OXEW2104	2/20/2024 11:27	57.6	42.4	0.0	0.0	-38.23	-38.57	-41.85	115.0	34.6	Valve Adjustment:No Change,Valve 100% open
OXEW2105	2/8/2024 15:25	55.3	36.4	1.0	7.3	-33.93	-33.91	-34.66	93.6	10.5	Valve Adjustment:No Change,Valve 100% open
OXEW2105	2/20/2024 12:11	58.5	41.5	0.0	0.0	-32.38	-32.42	-32.21	96.7	6.0	Valve Adjustment:No Change,Valve 100% open
OXEW2106	2/6/2024 12:23	56.6	39.3	0.0	4.1	-30.79	-30.79	-30.78	109.0	11.7	Valve Adjustment:No Change,Valve 100% open
OXEW2106	2/20/2024 9:45	57.9	42.1	0.0	0.0	-41.31	-41.34	-41.56	111.7	11.7	Valve Adjustment:No Change,Valve 100% open
OXEW2107	2/5/2024 9:33	55.4	39.2	0.1	5.3	-43.41	-42.85	-44.06	109.3	31.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2107	2/26/2024 12:08	56.2	42.1	0.0	1.7	-36.16	-35.88	-36.70	107.2	22.4	Valve Adjustment:No Change,Valve 100% open
OXEW2108	2/1/2024 11:21	54.9	41.7	0.0	3.4	-32.27	-34.41	-47.68	105.4	19.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2108	2/26/2024 12:34	57.1	38.2	0.1	4.6	-38.52	-38.92	-46.76	101.8	20.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2109	2/5/2024 9:43	50.0	37.9	0.0	12.1	-26.99	-26.99	-48.06	60.3	1.8	Valve Adjustment:No Change,Valve at minimum position
OXEW2109	2/26/2024 11:55	48.5	35.8	0.0	15.7	-25.21	-25.29	-46.73	60.0	1.7	Valve Adjustment:No Change
OXEW2110	2/9/2024 12:17	58.0	39.2	0.3	2.5	-40.58	-40.56	-41.18	85.4	18.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2110	2/20/2024 10:40	58.0	42.0	0.0	0.0	-37.73	-37.91	-38.25	87.2	65.5	Valve Adjustment:No Change,Valve 100% open
OXEW2111	2/9/2024 13:33	56.1	35.0	0.2	8.7	-15.31	-15.31	-45.43	108.1	132.8	Valve Adjustment:No Change,Valve 100% open
OXEW2111	2/27/2024 11:50	57.8	39.5	0.0	2.7	-12.21	-12.24	-33.19	107.8	118.2	Valve Adjustment:No Change,Valve 100% open
OXEW2112	2/9/2024 13:59	60.0	40.0	0.0	0.0	-44.04	-44.14	-45.64	105.2	39.1	Valve Adjustment:No Change,Valve 100% open
OXEW2112	2/27/2024 11:37	59.3	39.0	0.0	1.7	-32.71	-32.68	-33.62	105.2	49.7	Valve Adjustment:No Change,Valve 100% open
OXEW2113	2/9/2024 13:29	58.0	34.3	0.3	7.4	-43.74	-43.69	-45.10	119.5	22.2	Valve Adjustment:No Change,Valve 100% open
OXEW2113	2/27/2024 11:53	59.2	39.7	0.0	1.1	-32.28	-32.21	-32.85	118.7	16.4	Valve Adjustment:No Change,Valve 100% open
OXEW2207	2/15/2024 8:41	61.3	38.4	0.3	0.0	-32.72	-32.64	-34.62	117.2	69.1	Valve Adjustment:No Change,Valve 100% open
OXEW2207	2/20/2024 12:01	58.2	41.8	0.0	0.0	-30.39	-30.38	-32.12	117.3	67.4	Valve Adjustment:No Change,Valve 100% open
OXEW2208	2/8/2024 15:05	56.4	38.2	0.3	5.1	-5.70	-6.55	-40.03	122.4	64.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2208	2/27/2024 11:09	53.9	37.6	0.0	8.5	-9.43	-9.46	-29.09	123.2	81.6	Valve Adjustment:Opened valve 1/2 turn or less

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2209	2/15/2024 8:54	58.8	41.0	0.0	0.2	-43.39	-43.09	-43.77	97.1	23.6	Valve Adjustment:No Change,Valve 100% open
OXEW2209	2/20/2024 11:51	58.2	41.8	0.0	0.0	-39.92	-40.47	-40.06	96.8	21.4	Valve Adjustment:No Change,Valve 100% open
OXEW2210	2/9/2024 10:53	56.6	37.1	0.4	5.9	-31.12	-38.60	-43.38	100.5	15.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2210	2/23/2024 12:02	54.8	42.5	1.1	1.6	-42.90	-43.09	-43.97	103.0	17.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2211	2/9/2024 11:37	58.4	37.3	0.0	4.3	-40.05	-40.03	-40.87	123.0	54.6	Valve Adjustment:No Change,Valve 100% open
OXEW2211	2/20/2024 10:55	58.2	41.8	0.0	0.0	-38.23	-38.23	-39.05	123.0	53.4	Valve Adjustment:No Change,Valve 100% open
OXEW2212	2/15/2024 9:05	58.0	42.0	0.0	0.0	-4.65	-4.86	-44.75	111.5	44.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2212	2/20/2024 11:11	57.5	42.5	0.0	0.0	-4.55	-4.63	-41.75	111.5	45.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2213	2/15/2024 9:13	58.0	41.4	0.0	0.6	-39.73	-39.56	-43.83	110.7	132.2	Valve Adjustment:No Change,Valve 100% open
OXEW2213	2/20/2024 11:32	58.0	42.0	0.0	0.0	-36.61	-36.68	-40.43	110.7	126.6	Valve Adjustment:No Change,Valve 100% open
OXEW2214	2/10/2024 10:38	58.2	39.6	0.0	2.2	-43.36	-47.03	-47.16	89.8	3.5	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 30% open
OXEW2214	2/27/2024 14:23	60.1	39.4	0.0	0.5	-45.45	-45.36	-45.30	72.7	16.1	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXEWHC6A**	2/1/2024 10:35	56.0	42.2	0.0	1.8	-2.52	-2.51	-48.06	61.6	1.4	Valve Adjustment:No Change,Valve at minimum position
OXEWHC6A**	2/19/2024 11:16	53.7	46.3	0.0	0.0	-2.36	-2.40	-46.27	59.7	1.4	Valve Adjustment:Opened valve 1/2 turn or less
OXHC1922	2/8/2024 14:57	53.1	36.0	0.4	10.5	-6.60	-6.94	-44.23	61.3	46.3	Valve Adjustment:Opened valve 1/2 turn or less
OXHC1922	2/27/2024 11:05	51.7	33.7	0.8	13.8	-5.82	-5.73	-30.99	74.0	41.1	Valve Adjustment:No Change
OXHC2000	2/10/2024 11:08	58.2	39.5	0.2	2.1	-39.24	-38.59	-45.94	69.2	9.8	Valve Adjustment:No Change,Valve 100% open
OXHC2000	2/27/2024 9:45	59.5	40.5	0.0	0.0	-30.28	-30.58	-35.67	71.5	15.5	Valve Adjustment:No Change,Valve 100% open
OXHC2001	2/10/2024 11:05	57.4	37.6	0.2	4.8	-37.77	-37.57	-45.45	68.0	59.0	Valve Adjustment:No Change,Valve 100% open
OXHC2001	2/27/2024 9:48	58.2	41.8	0.0	0.0	-28.63	-28.58	-34.64	67.9	51.3	Valve Adjustment:No Change,Valve 100% open
OXHC2014	2/9/2024 13:39	57.6	37.0	0.0	5.4	-12.04	-12.09	-48.13	95.3	96.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXHC2014	2/27/2024 11:40	56.8	38.4	0.0	4.8	-10.38	-10.49	-35.37	95.5	81.0	Valve Adjustment:Opened valve 1/2 turn or less
OXHC2015	2/1/2024 9:46	56.5	39.8	0.0	3.7	-8.82	-10.52	-54.60	61.0	72.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXHC2015	2/26/2024 9:42	55.0	40.9	0.0	4.1	-9.93	-10.05	-55.60	68.0	84.0	Valve Adjustment:Opened valve 1/2 turn or less
OXHC2101	2/10/2024 11:20	49.8	34.7	1.4	14.1	-0.27	-0.27	-40.45	85.6	4.4	Valve Adjustment:No Change,Valve 10% open
OXHC2101	2/27/2024 9:40	46.9	38.9	0.6	13.6	-0.20	-0.17	-31.46	84.8	3.8	Valve Adjustment:Closed valve 1/2 turn or less
OXLCR13B	2/1/2024 10:00	52.9	42.1	0.0	5.0	-3.59	-3.72	-49.83	59.3	45.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXLCR13B	2/26/2024 10:03	47.0	41.6	0.0	11.4	-4.93	-4.52	-47.07	74.3	72.0	Valve Adjustment:Closed valve 1/2 turn or less
<b>OXLCR4A1</b>	2/1/2024 10:05	56.8	41.9	0.0	1.3	-38.94	-41.54	-49.58	56.5	41.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
<b>OXLCR4A1</b>	2/26/2024 9:53	57.0	41.3	0.0	1.7	-42.89	-42.67	-46.51	60.2	28.6	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXLCR4B1</b>	2/1/2024 10:10	53.3	36.3	0.8	9.6	-2.59	-2.61	-49.09	55.0	9.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
<b>OXLCR4B1</b>	2/26/2024 9:57	51.4	37.3	2.1	9.2	-0.85	-1.23	-46.21	62.9	9.1	Valve Adjustment:No Change,Valve at minimum position
<b>OXLCRS07</b>	2/10/2024 10:50	39.3	23.3	4.6	32.8	-45.52	-45.77	-47.73	61.2	2.8	Valve Adjustment:No Change

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..	Deg. F.	scfm	
<b>OXLCRS07</b>	2/27/2024 10:02	47.5	42.9	0.0	9.6	-0.05	-0.05	-36.96	68.0	2.3	Valve Adjustment:No Change,Valve at minimum position
OXLCRS10	2/10/2024 11:16	58.4	39.9	0.0	1.7	-36.87	-37.05	-40.26	90.3	105.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	2/27/2024 9:36	59.2	40.8	0.0	0.0	-29.64	-29.29	-30.85	91.3	77.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS11	2/10/2024 11:14	58.3	38.9	0.0	2.8	-2.96	-2.96	-48.36	88.9	95.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXLCRS11	2/27/2024 9:34	58.9	41.1	0.0	0.0	-2.72	-3.73	-36.54	88.9	86.3	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXLCRS12	2/10/2024 11:23	53.6	39.9	0.0	6.5	-15.24	-15.24	-39.91	73.8	135.2	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	2/27/2024 9:29	57.9	42.1	0.0	0.0	-8.57	-8.56	-31.72	74.2	132.4	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	2/8/2024 14:08	39.9	27.9	4.9	27.3	-7.40	-7.56	-46.49	60.5		Valve Adjustment:No Change,Valve at minimum position
OXLCRS3A	2/26/2024 15:31	28.3	18.7	7.9	45.1	-2.73	-3.62	-45.88	71.3	51.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3A	2/26/2024 15:32	13.5	16.9	14.4	55.2	-17.76	-17.62	-46.23	71.6	53.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3B	2/8/2024 13:56	40.2	27.9	4.9	27.0	-5.96	-6.12	-46.54	60.2		Valve Adjustment:No Change,Valve at minimum position
OXLCRS3B	2/26/2024 15:25	23.0	18.1	10.5	48.4	-26.62	-26.30	-45.72	74.4	135.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXLCRS3B	2/26/2024 15:27	22.8	18.0	12.6	46.6	-0.06	-0.08	-45.76	70.3	134.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS7B	2/10/2024 10:45	0.3	0.9	21.3	77.5	-47.51	-47.49	-47.41	65.0	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS7B	2/10/2024 10:47	0.1	0.3	21.6	78.0	-47.67	-47.65	-47.58	64.1	0.3	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position
OXLCRS7B	2/22/2024 15:26	14.0	12.1	14.4	59.5	-0.41	-0.23	-27.38	78.0	53.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXLCRS7B	2/22/2024 15:30	13.8	11.4	14.5	60.3	-0.27	-0.21	-45.85	78.0	14.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS8A	2/1/2024 9:55	57.9	40.0	0.0	2.1	-0.16	-0.44	-49.79	60.0	18.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXLCRS8A	2/1/2024 10:18	57.5	40.7	0.0	1.8	-1.10	-1.29	-50.84	61.2	22.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCRS8A	2/26/2024 9:49	56.3	42.8	0.0	0.9	-1.26	-1.33	-46.39	75.9	22.4	Valve Adjustment:Opened valve 1/2 turn or less
OXLCRS9A	2/9/2024 13:44	56.1	37.8	0.8	5.3	-4.93	-7.38	-46.49	83.5	8.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXLCRS9A	2/27/2024 11:44	55.2	39.2	0.6	5.0	-20.00	-20.09	-33.29	85.6	3.1	Valve Adjustment:Opened valve 1/2 turn or less
OXLCRS9B	2/9/2024 13:49	57.8	40.2	0.0	2.0	-2.97	-3.01	-46.35	70.1	5.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS9B	2/27/2024 11:49	58.8	38.6	0.0	2.6	-0.06	-0.07	-33.86	70.9	5.2	Valve Adjustment:Opened valve 1/2 turn or less
OXME302D	2/10/2024 9:15	55.8	36.1	0.0	8.1	-45.35	-45.32	-46.42	117.3	27.1	Valve Adjustment:No Change,Valve 100% open
OXME302D	2/22/2024 15:00	56.3	39.4	0.0	4.3	-43.20	-43.02	-44.99	117.4	28.6	Valve Adjustment:No Change,Valve 100% open
OXME306D	2/10/2024 9:03	55.9	35.6	0.0	8.5	-1.26	-1.27	-47.40	119.0	12.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXME306D	2/22/2024 14:24	59.3	38.0	0.0	2.7	-0.89	-1.17	-46.08	118.9	12.8	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXME312D	2/6/2024 10:54	43.0	33.3	2.4	21.3	-0.40	-0.40	-28.75	66.6	5.7	Valve Adjustment:No Change
OXME312D	2/23/2024 12:27	44.4	38.4	0.1	17.1	-3.13	-2.99	-46.47	80.3	14.5	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	2/6/2024 10:12	57.7	39.0	0.0	3.3	-27.68	-27.68	-29.19	126.4	26.2	Valve Adjustment:No Change,Valve 100% open
OXME316D	2/23/2024 13:09	56.7	43.3	0.0	0.0	-37.41	-37.50	-38.72	126.1	29.5	Valve Adjustment:No Change,Valve 100% open
OXME317D	2/6/2024 10:17	55.4	38.3	0.8	5.5	-29.74	-29.69	-30.59	66.2	0.0	Valve Adjustment:No Change

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXME317D	2/23/2024 13:02	56.1	43.9	0.0	0.0	-40.61	-40.53	-40.03	66.9	15.3	Valve Adjustment:No Change,Valve 100% open
OXMEW113	2/14/2024 14:05	48.1	37.9	0.5	13.5	-20.07	-19.20	-46.00	64.9	55.4	Valve Adjustment:No Change
OXMEW113	2/21/2024 15:23	50.5	43.9	0.0	5.6	-20.47	-17.45	-40.34	68.2	16.4	Valve Adjustment:No Change
OXMEW122	2/15/2024 10:07	54.0	32.9	4.4	8.7	-47.43	-47.40	-47.46	62.9	7.2	Valve Adjustment:No Change
OXMEW122	2/22/2024 13:46	59.8	34.9	1.0	4.3	-45.83	-45.82	-46.11	75.8	55.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXMEW126	2/7/2024 9:39	52.9	36.6	1.2	9.3	-28.33	-28.33	-28.60	50.6	0.4	Valve Adjustment:No Change,Valve 100% open
OXMEW126	2/27/2024 12:33	57.1	41.6	0.0	1.3	-33.75	-33.55	-33.77	62.6	6.9	Valve Adjustment:No Change,Valve 100% open
OXMEW138	2/15/2024 10:27	42.0	32.1	0.4	25.5	-7.98	-7.97	-47.65	66.7	3.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW138	2/15/2024 10:31	47.0	34.3	1.5	17.2	-8.28	-8.20	-47.55	66.7	3.1	Valve Adjustment:No Change
OXMEW138	2/21/2024 14:25	43.9	37.7	0.0	18.4	-7.30	-5.59	-40.90	66.6	3.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW145	2/15/2024 8:24	54.8	41.4	1.2	2.6	-42.67	-42.69	-47.01	92.6	14.3	Valve Adjustment:No Change,Valve 100% open
OXMEW145	2/21/2024 15:16	55.4	44.6	0.0	0.0	-37.58	-37.59	-40.33	91.1	12.0	Valve Adjustment:No Change,Valve 100% open
OXMEW156	2/1/2024 10:32	56.3	42.0	0.0	1.7	-0.15	-0.21	-47.88	62.5	1.3	Valve Adjustment:No Change,Valve at minimum position
OXMEW156	2/19/2024 11:13	40.9	38.4	2.8	17.9	-14.63	-13.52	-45.18	58.4	6.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW158	2/7/2024 9:32	52.9	34.6	0.2	12.3	-23.75	-23.87	-28.90	58.1	2.9	Valve Adjustment:No Change,Valve 100% open
OXMEW158	2/26/2024 13:29	56.9	38.1	0.0	5.0	-41.59	-41.51	-43.97	65.9	2.9	Valve Adjustment:No Change,Valve 100% open
OXMEW159	2/7/2024 9:34	56.2	37.9	0.4	5.5	-26.42	-26.40	-28.63	62.1	4.6	Valve Adjustment:No Change,Valve 100% open
OXMEW159	2/26/2024 13:32	58.6	39.2	0.0	2.2	-39.68	-39.55	-44.18	66.8	6.4	Valve Adjustment:No Change,Valve 100% open
OXMEW162	2/15/2024 10:53	52.1	31.6	1.2	15.1	-46.78	-46.76	-46.68	62.4	5.1	Valve Adjustment:No Change
OXMEW162	2/22/2024 13:16	59.1	32.7	1.0	7.2	-45.03	-45.06	-45.63	72.2	8.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	2/15/2024 11:18	50.1	20.1	4.2	25.6	-46.43	-46.21	-46.19	60.3	0.2	Valve Adjustment:Closed valve >1 turn
OXMEW170	2/27/2024 13:05	51.5	20.7	4.4	23.4	-41.85	-41.84	-41.87	63.0	0.2	Valve Adjustment:No Change
OXMEW173	2/2/2024 13:04	49.6	26.5	0.5	23.4	-3.02	-2.82	-49.28	61.9	11.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	2/20/2024 13:44	56.0	37.8	0.0	6.2	-2.67	-2.67	-45.20	65.9	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW174	2/1/2024 10:29	55.7	39.6	0.0	4.7	-1.33	-1.88	-48.03	59.7	2.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW174	2/19/2024 11:11	54.4	43.2	0.1	2.3	-6.76	-6.83	-45.96	57.5	5.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW175	2/1/2024 10:38	55.1	43.4	0.0	1.5	-33.03	-33.71	-48.01	66.7	5.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	2/19/2024 11:19	55.4	44.6	0.0	0.0	-40.19	-40.40	-46.45	62.0	4.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	2/7/2024 9:07	52.4	35.9	1.7	10.0	-28.21	-28.20	-28.55	108.4	14.5	Valve Adjustment:No Change
OXMEW181	2/26/2024 14:01	60.2	38.8	0.2	0.8	-42.44	-42.64	-44.05	112.8	53.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXMEW182	2/6/2024 10:28	55.2	39.2	0.3	5.3	-28.14	-28.23	-31.24	118.2	38.7	Valve Adjustment:No Change,Valve 100% open
OXMEW182	2/23/2024 12:50	52.4	42.7	0.0	4.9	-41.60	-41.60	-46.14	118.3	52.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW183	2/6/2024 10:35	51.3	37.9	0.0	10.8	-4.13	-4.14	-31.24	114.5	29.8	Valve Adjustment:No Change

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW183	2/26/2024 14:21	51.6	39.2	0.0	9.2	-5.83	-5.87	-42.84	114.9	40.5	Valve Adjustment:No Change
OXMEW184	2/14/2024 10:53	37.3	31.8	0.0	30.9	-2.31	-2.28	-43.84	119.4	48.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	2/26/2024 15:01	39.5	35.0	0.0	25.5	-2.00	-1.75	-42.83	119.5	44.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	2/14/2024 11:05	54.3	42.1	0.1	3.5	-0.05	-0.25	-45.29	79.4	16.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	2/26/2024 14:56	57.5	41.7	0.1	0.7	-0.05	-0.15	-44.94	99.9	17.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW186	2/15/2024 8:19	53.9	39.9	0.0	6.2	-2.70	-2.71	-46.58	110.4	10.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW186	2/23/2024 12:37	54.9	45.1	0.0	0.0	-2.08	-2.15	-46.54	111.2	8.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW187	2/14/2024 11:27	53.3	43.0	0.0	3.7	-0.79	-0.80	-45.51	83.2	27.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW187	2/26/2024 14:31	30.8	34.1	0.3	34.8	-6.47	-4.60	-44.80	119.5	24.0	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXMEW188	2/14/2024 11:58	52.6	39.0	0.1	8.3	-1.10	-1.09	-45.68	110.7	12.8	Valve Adjustment:No Change
OXMEW188	2/26/2024 14:46	51.1	39.5	0.0	9.4	-2.34	-2.31	-44.91	112.7	20.6	Valve Adjustment:No Change
OXMEW189	2/14/2024 12:30	56.8	41.9	0.0	1.3	-0.39	-0.76	-45.19	117.6	42.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW189	2/26/2024 14:43	43.2	37.2	2.5	17.1	-11.68	-3.22	-43.72	120.1	162.5	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXMEW190	2/15/2024 8:12	51.6	35.0	0.4	13.0	-18.33	-18.36	-46.04	125.3	21.7	Valve Adjustment:No Change,Valve 50% open
OXMEW190	2/23/2024 12:18	51.7	41.5	0.3	6.5	-17.82	-17.70	-46.03	125.2	20.9	Valve Adjustment:No Change
OXMEW191	2/2/2024 13:27	47.8	37.2	0.1	14.9	-7.27	-7.12	-49.48	116.2	15.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW191	2/26/2024 10:28	53.2	43.0	0.0	3.8	-2.59	-2.64	-45.56	116.0	24.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW192	2/1/2024 11:36	52.2	39.6	0.0	8.2	-22.76	-22.75	-49.07	80.3	8.2	Valve Adjustment:No Change,Valve 10% open
OXMEW192	2/26/2024 12:14	51.1	38.3	0.0	10.6	-23.85	-23.85	-46.90	76.9	14.9	Valve Adjustment:No Change
OXMEW194	2/7/2024 9:13	55.4	35.3	0.8	8.5	-28.34	-28.34	-28.58	78.0	9.4	Valve Adjustment:No Change
OXMEW194	2/26/2024 13:45	58.5	39.1	0.0	2.4	-43.64	-43.66	-43.80	82.0	16.2	Valve Adjustment:No Change,Valve 100% open
OXMEW196	2/6/2024 10:32	50.8	36.1	0.5	12.6	-4.94	-4.84	-31.66	84.2	7.7	Valve Adjustment:No Change
OXMEW196	2/23/2024 12:44	53.1	42.3	0.0	4.6	-8.83	-8.83	-45.97	87.6	2.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW199	2/6/2024 10:41	50.7	37.1	0.1	12.1	-4.64	-4.64	-28.67	122.9	25.3	Valve Adjustment:No Change
OXMEW199	2/23/2024 12:40	51.1	42.5	0.0	6.4	-7.65	-7.85	-41.73	124.0	48.7	Valve Adjustment:No Change
OXMEW200	2/14/2024 11:17	42.9	34.9	0.0	22.2	-2.30	-1.77	-45.16	115.1	16.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	2/26/2024 14:26	43.1	36.3	0.0	20.6	-1.12	-1.05	-45.30	114.1	19.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	2/14/2024 11:12	46.2	36.5	0.0	17.3	-0.94	-0.85	-45.70	95.1	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	2/26/2024 14:53	49.5	38.7	0.0	11.8	-0.40	-0.39	-45.40	93.6	7.7	Valve Adjustment:No Change
OXMEW203	2/15/2024 8:58	43.1	35.6	1.6	19.7	-46.98	-43.76	-47.22	54.0	0.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXMEW203	2/27/2024 13:49	0.4	3.8	18.5	77.3	-0.12	-0.91	-45.32	65.5	2.6	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXMEW203	2/27/2024 13:51	0.2	2.8	18.8	78.2	-5.15	-3.43	-46.08	71.4	2.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW204	2/14/2024 13:52	51.7	35.5	3.9	8.9	-7.18	-7.21	-45.19	79.2	3.2	Valve Adjustment:No Change,Valve 10% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW204	2/21/2024 15:59	31.7	28.1	0.2	40.0	-6.47	-3.65	-43.66	85.1	27.1	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXMEW205	2/14/2024 12:23	53.3	42.2	0.1	4.4	-0.02	-0.02	-45.68	87.7	20.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW205	2/26/2024 14:35	50.1	43.1	0.0	6.8	-0.10	-0.14	-45.16	126.4	4.1	Valve Adjustment:No Change
OXMEW209	2/10/2024 9:50	54.3	39.1	0.0	6.6	-38.32	-38.42	-46.48	134.2	63.6	Valve Adjustment:No Change,Valve 100% open
OXMEW209	2/22/2024 14:42	52.5	40.0	0.0	7.5	-36.34	-36.18	-44.50	134.4	61.6	Valve Adjustment:No Change,Valve 100% open
OXMEW210	2/10/2024 8:58	60.7	37.6	0.0	1.7	-44.31	-44.31	-46.49	122.5	3.9	Valve Adjustment:No Change,Valve 100% open
OXMEW210	2/22/2024 14:20	58.7	38.8	0.0	2.5	-43.02	-42.89	-45.06	122.6	7.1	Valve Adjustment:No Change,Valve 100% open
OXMEW300	2/10/2024 10:07	52.7	36.5	0.6	10.2	-46.74	-46.75	-46.76	101.2	27.8	Valve Adjustment:No Change,Valve 100% open
OXMEW300	2/22/2024 15:15	54.2	36.8	0.6	8.4	-44.77	-44.69	-45.14	102.6	21.3	Valve Adjustment:No Change,Valve 100% open
OXMEW302	2/10/2024 9:13	54.2	34.9	0.1	10.8	-2.78	-3.13	-47.16	62.3	2.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW302	2/22/2024 15:04	26.3	29.4	0.0	44.3	-3.97	-3.31	-44.88	79.4	8.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	2/10/2024 9:05	59.6	38.4	1.0	1.0	-1.21	-1.22	-46.88	59.2	6.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW306	2/22/2024 14:30	59.1	39.6	0.0	1.3	-1.32	-1.44	-45.35	69.6	5.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW307	2/15/2024 8:28	55.5	36.7	0.7	7.1	-46.63	-46.64	-46.88	68.7	1.8	Valve Adjustment:No Change,Valve 100% open
OXMEW307	2/21/2024 15:11	57.7	41.7	0.6	0.0	-40.70	-40.60	-40.51	75.3	0.4	Valve Adjustment:No Change,Valve 100% open
OXMEW309	2/10/2024 9:46	43.8	33.0	0.5	22.7	-10.58	-9.04	-47.74	100.1	5.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	2/22/2024 14:37	41.8	34.8	0.0	23.4	-8.74	-8.62	-45.31	83.9	5.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	2/6/2024 11:14	52.0	37.3	0.7	10.0	-9.27	-9.26	-27.00	109.9	11.1	Valve Adjustment:No Change
OXMEW310	2/23/2024 11:19	49.9	41.4	0.0	8.7	-15.20	-15.12	-44.88	112.2	43.4	Valve Adjustment:No Change
OXMEW311	2/15/2024 12:10	56.2	35.0	0.6	8.2	-44.65	-45.05	-47.09	116.2	32.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	2/22/2024 16:13	52.2	39.5	0.0	8.3	-42.91	-43.02	-44.23	116.7	31.1	Valve Adjustment:No Change
OXMEW312	2/6/2024 10:50	53.5	39.5	0.0	7.0	-3.08	-3.09	-29.22	71.4	42.3	Valve Adjustment:No Change
OXMEW312	2/23/2024 12:22	51.5	40.9	0.0	7.6	-6.44	-6.44	-46.38	92.5	12.4	Valve Adjustment:No Change
OXMEW315	2/10/2024 10:19	52.8	38.2	0.0	9.0	-43.56	-43.93	-46.18	119.2	20.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW315	2/22/2024 15:44	50.8	36.2	0.1	12.9	-43.04	-42.26	-44.45	119.6	19.2	Valve Adjustment:No Change
OXMEW316	2/6/2024 10:10	56.2	37.7	0.3	5.8	-28.30	-28.32	-30.69	100.7	12.3	Valve Adjustment:No Change
OXMEW316	2/23/2024 13:07	57.0	43.0	0.0	0.0	-38.23	-38.18	-40.29	112.8	15.6	Valve Adjustment:No Change,Valve 100% open
OXMEW317	2/6/2024 10:15	56.6	38.8	0.8	3.8	-30.08	-29.97	-30.23	94.5	13.4	Valve Adjustment:No Change
OXMEW317	2/23/2024 12:59	57.8	42.2	0.0	0.0	-41.25	-40.74	-41.05	98.9	11.3	Valve Adjustment:No Change,Valve 100% open
OXMEW318	2/6/2024 10:23	57.0	39.3	0.0	3.7	-1.84	-1.84	-31.41	104.2	9.0	Valve Adjustment:No Change,Valve 15% open
OXMEW318	2/23/2024 12:52	56.5	43.4	0.0	0.1	-3.02	-3.24	-44.18	104.9	10.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW319	2/6/2024 11:24	52.8	37.3	0.5	9.4	-10.00	-10.00	-31.24	101.9	18.7	Valve Adjustment:No Change
OXMEW319	2/23/2024 11:15	52.3	41.1	0.0	6.6	-14.02	-13.99	-45.94	103.8	42.2	Valve Adjustment:No Change



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..	Deg. F.	scfm	
OXMEW320	2/6/2024 10:58	52.3	36.4	0.3	11.0	-28.14	-28.23	-28.10	117.7	13.1	Valve Adjustment:No Change
OXMEW320	2/23/2024 11:36	56.5	43.5	0.0	0.0	-46.37	-46.72	-46.20	118.8	20.3	Valve Adjustment:No Change,Valve 100% open
OXMEW322	2/6/2024 10:06	57.0	38.9	0.0	4.1	-31.43	-31.32	-32.21	114.7	17.6	Valve Adjustment:No Change,Valve 100% open
OXMEW322	2/23/2024 13:13	55.4	43.7	0.0	0.9	-41.23	-41.15	-41.83	114.5	20.6	Valve Adjustment:No Change,Valve 100% open
OXMEW323	2/6/2024 12:28	57.5	40.7	0.2	1.6	-30.13	-30.08	-31.56	107.7	7.3	Valve Adjustment:No Change,Valve 100% open
OXMEW323	2/23/2024 10:32	59.1	40.8	0.1	0.0	-41.79	-41.98	-45.54	107.1	9.1	Valve Adjustment:No Change,Valve 100% open
OXMEW328	2/6/2024 11:50	55.0	36.8	0.3	7.9	-20.22	-20.26	-20.28	56.1	14.2	Valve Adjustment:No Change
OXMEW328	2/20/2024 9:56	57.0	41.8	0.4	0.8	-29.82	-30.42	-29.89	65.3	0.0	Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	2/15/2024 8:37	52.3	40.8	0.2	6.7	-42.21	-42.20	-42.22	52.4		Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	2/21/2024 15:03	55.3	44.6	0.1	0.0	-37.08	-36.97	-37.00	84.9		Valve Adjustment:No Change,Valve 100% open
OXMEWW05	2/9/2024 15:11	56.0	36.0	0.2	7.8	-45.22	-45.18	-46.72	63.1	26.3	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	2/26/2024 11:37	57.7	41.5	0.0	0.8	-44.33	-44.28	-44.45	62.9	11.7	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	2/9/2024 15:06	53.7	39.2	2.1	5.0	-46.11	-46.14	-46.67	60.2	2.0	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	2/26/2024 11:41	56.5	40.9	0.0	2.6	-44.71	-44.74	-44.91	59.6	1.0	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	2/1/2024 11:23	54.0	42.5	3.5	0.0	-5.30	-5.40	-47.83	63.4	0.5	Valve Adjustment:No Change,Valve at minimum position
OXMEWW08	2/27/2024 12:20	57.7	40.0	0.0	2.3	-7.72	-7.96	-35.25	66.1	0.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW18	2/9/2024 14:42	55.4	35.3	0.2	9.1	-44.36	-44.36	-45.10	65.1	1.5	Valve Adjustment:No Change,Valve 100% open
OXMEWW18	2/23/2024 13:22	57.6	42.4	0.0	0.0	-40.12	-40.32	-40.50	63.5	1.7	Valve Adjustment:No Change,Valve 100% open
OXMEWW1G	2/7/2024 12:19	56.9	40.2	0.2	2.7	-21.06	-21.06	-28.12	74.1	5.2	Valve Adjustment:No Change,Valve 10% open
OXMEWW1G	2/26/2024 11:33	58.1	39.4	0.0	2.5	-40.57	-41.56	-44.40	74.9	3.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	2/9/2024 14:49	57.1	38.4	0.5	4.0	-26.32	-26.32	-43.82	64.3	18.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	2/23/2024 13:32	56.5	42.9	0.0	0.6	-24.54	-24.56	-39.62	64.0	20.4	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXMHCF03	2/15/2024 9:55	53.8	38.7	2.3	5.2	-47.68	-47.69	-48.23	85.1	3.0	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	2/20/2024 13:25	62.3	37.6	0.1	0.0	-46.72	-46.98	-47.12	80.1	5.7	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	2/15/2024 9:51	53.0	37.6	1.3	8.1	-48.24	-48.23	-48.25	60.9	3.7	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	2/20/2024 13:28	59.5	39.9	0.2	0.4	-47.76	-48.08	-47.49	52.1	7.4	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	2/10/2024 13:24	52.3	38.9	0.2	8.6	-48.27	-48.26	-48.66	66.2	1.3	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	2/26/2024 11:08	61.5	36.7	0.2	1.6	-46.12	-45.98	-46.26	61.8	2.0	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	2/10/2024 13:09	56.7	37.8	0.1	5.4	-49.37	-48.79	-49.54	64.2	7.8	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	2/26/2024 11:21	61.1	38.0	0.1	0.8	-46.75	-46.68	-46.77	63.9	0.3	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	2/26/2024 11:22	58.4	39.6	0.2	1.8	-46.61	-46.76	-46.53	64.0	6.6	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	2/1/2024 10:44	49.5	37.0	2.7	10.8	-44.73	-44.72	-47.78	64.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OXMPEW32	2/1/2024 10:51	50.1	34.7	2.6	12.6	-44.91	-44.82	-47.57	66.4	0.2	Valve Adjustment:No Change,Valve at minimum position

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..	Deg. F.	scfm	
OXMPEW32	2/19/2024 11:23	53.9	43.1	0.9	2.1	-44.06	-44.17	-45.98	59.8	0.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW33	2/1/2024 11:33	54.2	39.0	0.0	6.8	-16.39	-16.66	-49.59	75.5	12.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMPEW33	2/26/2024 12:26	58.6	39.2	0.0	2.2	-27.99	-28.66	-47.26	70.7	9.8	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXMPEW35</b>	2/5/2024 9:39	50.6	38.8	0.8	9.8	-37.83	-37.75	-42.20	119.9	8.7	Valve Adjustment:No Change
<b>OXMPEW35</b>	2/26/2024 11:59	56.0	40.7	0.0	3.3	-37.18	-37.35	-44.29	119.0	26.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW44	2/9/2024 14:46	56.4	39.2	0.7	3.7	-46.95	-46.96	-47.47	62.5	1.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	2/23/2024 13:29	53.2	43.7	1.1	2.0	-42.62	-42.61	-42.11	63.0	8.7	Valve Adjustment:No Change,Valve 100% open
OXSS2032	2/10/2024 11:29	53.6	45.1	0.0	1.3	-3.98	-4.24	-39.14	68.1	33.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXSS2032	2/27/2024 9:24	54.2	45.8	0.0	0.0	-3.40	-3.43	-29.63	67.7	33.0	Valve Adjustment:Opened valve 1/2 turn or less
OXSS2033	2/10/2024 11:02	55.4	34.3	0.5	9.8	-38.56	-38.56	-43.64	66.6	35.1	Valve Adjustment:No Change,Valve 100% open
OXSS2033	2/27/2024 9:51	58.1	41.9	0.0	0.0	-29.62	-29.10	-31.60	70.5	30.2	Valve Adjustment:No Change,Valve 100% open
OXSS2034	2/10/2024 10:57	56.0	35.6	0.2	8.2	-39.89	-39.82	-40.18	66.5	11.0	Valve Adjustment:No Change,Valve 100% open
OXSS2034	2/27/2024 9:55	57.3	42.7	0.0	0.0	-29.90	-29.44	-28.93	61.9	7.0	Valve Adjustment:No Change,Valve 100% open
OXSS2215	2/9/2024 11:56	44.3	29.1	3.4	23.2	-0.21	-0.21	-42.28	64.9	7.8	Valve Adjustment:No Change,Valve at minimum position
OXSS2215	2/20/2024 10:44	54.8	38.6	1.5	5.1	-0.15	-0.16	-40.10	65.3	7.6	Valve Adjustment:Opened valve 1/2 turn or less
OXSS2216	2/9/2024 13:54	59.1	40.3	0.0	0.6	-0.17	-0.22	-46.13	60.6	8.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXSS2216	2/27/2024 11:36	60.1	38.1	0.1	1.7	-0.05	-0.12	-33.58	61.8	11.4	Valve Adjustment:Opened valve 1/2 turn or less

<sup>1</sup> - Oxygen is only required to be monitored per NESHAP Subpart AAAA 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)  
OXEW1618, OXMEW205, OXMEW209, OXMPEW35

≤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, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS05, OXLCRS06, OXLCRS07, OXMEWHC6, OXMTBTC1, OXMEWW47, and OXMHCF06.

LTCO per Title V Permit Condition Number 10164 part 18(d)(l)  
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS05, OXLCRS06, and OXLCRS07.

\*Wells that have been decommissioned are noted with a strikethrough.

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - March 4, 5, 6, 7, 8, 11, 12, 13, 15, 17, 18, 19, 20, 25, 26, 27, and 28, 2024.

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..	Deg. F.	scfm	
OMLEW101	3/11/2024 11:05	46.2	34.5	1.8	17.5	-6.21	-6.20	-39.88	70.0	13.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMLEW101	3/20/2024 13:39	45.9	34.2	1.6	18.3	-6.91	-6.92	-44.24	71.7	14.5	Valve Adjustment:No Change,Valve 10% open
OMLEW101	3/20/2024 13:45	46.4	35.5	1.6	16.5	-6.89	-6.81	-43.84	71.7	15.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMLEW104	3/7/2024 16:20	50.8	36.5	1.7	11.0	-41.92	-41.96	-44.52	78.4	40.7	Valve Adjustment:No Change
OMLEW104	3/27/2024 13:16	56.0	36.1	1.5	6.4	-25.22	-25.11	-26.94	76.7	31.8	Valve Adjustment:No Change
OMLEW107	3/7/2024 16:22	50.5	36.5	2.1	10.9	-44.20	-44.29	-44.53	57.0	12.1	Valve Adjustment:No Change,Valve 100% open
OMLEW107	3/27/2024 13:13	57.3	34.0	0.3	8.4	-26.22	-26.27	-26.66	61.3	11.0	Valve Adjustment:No Change
OMLFEW59	3/5/2024 11:12	48.2	38.5	0.0	13.3	-1.87	-1.85	-38.76	103.4	18.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OMLFEW59	3/17/2024 12:35	46.7	36.5	0.1	16.7	-2.16	-2.01	-40.47	104.6	18.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OMLFEW72	3/7/2024 11:45	45.1	34.8	0.0	20.1	-2.37	-2.35	-45.35	57.3	6.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLFEW72	3/27/2024 13:24	58.0	39.3	2.7	0.0	-1.41	-1.41	-26.57	53.2	5.6	Valve Adjustment:No Change,Valve at minimum position
OMLFEW99	3/13/2024 13:22	57.1	34.7	0.2	8.0	-0.38	-0.48	-42.20	64.7	7.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMLFEW99	3/17/2024 13:52	49.2	32.1	0.4	18.3	-0.73	-0.72	-48.65	64.6	8.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS01	3/7/2024 15:20	48.7	35.2	1.2	14.9	-0.15	-0.15	-45.24	70.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS01	3/27/2024 13:34	51.6	36.5	0.8	11.1	-0.03	-0.03	-27.91	57.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	3/7/2024 11:31	54.0	35.5	0.6	9.9	-0.31	-0.38	-46.89	64.5	6.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS02	3/27/2024 14:17	54.1	33.4	0.4	12.1	-0.15	-0.15	-27.91	63.3	6.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	3/7/2024 15:57	62.6	34.8	0.3	2.3	-0.32	-0.57	-45.74	63.9	2.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS03	3/7/2024 16:00	61.6	33.3	0.2	4.9	-0.53	-0.53	-45.84	64.1	7.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS03	3/27/2024 14:14	49.2	30.7	0.9	19.2	-0.23	-0.23	-27.55	62.4	5.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	3/6/2024 13:40	42.2	29.1	1.5	27.2	-0.13	-0.13	-41.92	61.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	3/26/2024 12:50	34.6	24.2	6.5	34.7	-0.16	-0.16	-29.77	60.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	3/6/2024 13:42	39.6	26.9	5.2	28.3	-0.14	-0.14	-41.82	61.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	3/26/2024 12:53	23.0	18.3	8.2	50.5	-0.19	-0.19	-29.45	60.0	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	3/6/2024 13:46	17.3	11.1	13.4	58.2	-0.19	-0.18	-40.62	70.0	3.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	3/26/2024 12:58	11.9	15.3	8.3	64.5	-0.32	-0.32	-27.36	70.1	8.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	3/6/2024 13:53	45.7	31.9	0.3	22.1	-0.49	-0.49	-40.54	76.5	5.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	3/26/2024 13:13	54.9	36.3	0.2	8.6	-0.38	-0.37	-26.48	77.9	4.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	3/6/2024 13:55	16.9	13.9	19.4	49.8	-0.13	-0.13	-31.16	55.4	0.3	Valve Adjustment:NSPS,No Change,Valve at minimum position
OMTLTS08	3/6/2024 13:56	2.8	5.6	19.7	71.9	-0.18	-0.18	-32.86	55.5	0.1	Valve Adjustment:NSPS,No Change
OMTLTS08	3/26/2024 13:21	19.5	11.9	8.9	59.7	-0.43	-0.42	-25.30	65.2	0.2	Valve Adjustment:Valve at minimum position,Opened valve >10%
OMTLTS09	3/6/2024 9:37	57.8	29.9	0.2	12.1	-1.55	-1.53	-34.08	56.0	12.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OMTLTS09	3/26/2024 10:08	56.8	31.8	0.2	11.2	-0.85	-0.84	-25.18	72.5	9.1	Valve Adjustment:No Change,Valve 10% open
OMTLTS10	3/6/2024 9:27	59.3	32.5	0.1	8.1	-1.13	-1.14	-33.54	60.8	10.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open

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..	Deg. F.	scfm	
OMTLTS10	3/26/2024 10:13	58.2	32.5	0.1	9.2	-0.74	-0.75	-26.13	66.6	9.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OMTLTS11	3/6/2024 9:49	57.6	32.5	9.9	0.0	-0.65	-0.66	-39.14	56.2	0.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS11	3/26/2024 10:21	38.7	20.2	6.6	34.5	-0.51	-0.49	-25.77	58.9	3.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	3/6/2024 9:52	34.5	22.2	8.5	34.8	-0.19	-0.19	-42.50	57.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	3/26/2024 10:27	49.1	27.4	0.6	22.9	-0.04	-0.04	-26.36	54.7	6.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	3/6/2024 10:09	29.3	19.5	10.9	40.3	-0.09	-0.09	-41.75	58.8	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	3/26/2024 13:56	56.5	33.0	0.2	10.3	-0.02	-0.06	-28.45	63.8	9.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	3/6/2024 10:15	55.3	31.6	0.8	12.3	-0.10	-0.12	-32.74	60.6	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS16	3/26/2024 14:02	62.5	32.5	0.0	5.0	-0.03	-0.03	-18.44	66.2	1.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	3/6/2024 10:20	59.3	32.2	0.3	8.2	-0.12	-0.15	-46.14	59.5	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS17	3/26/2024 10:45	63.1	34.3	0.4	2.2	-0.02	-0.03	-28.67	59.4	10.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS18	3/6/2024 10:24	39.6	26.9	8.6	24.9	-0.12	-0.12	-44.03	61.6	2.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	3/26/2024 10:53	60.1	32.4	1.3	6.2	-0.02	-0.04	-28.83	62.7	9.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS19	3/6/2024 10:28	55.3	34.9	1.7	8.1	-0.07	-0.09	-43.95	70.2	1.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS19	3/26/2024 11:02	61.9	31.7	0.0	6.4	-0.01	-0.06	-27.95	71.0	27.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS20	3/6/2024 10:32	55.3	34.8	2.6	7.3	-0.10	-0.12	-44.44	69.6	12.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OMTLTS20	3/26/2024 11:11	62.2	33.7	0.1	4.0	-0.01	-0.04	-28.67	68.5	26.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXE2022R	3/12/2024 13:30	52.7	38.0	0.5	8.8	-39.00	-39.41	-42.25	70.4	1.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXE2022R	3/27/2024 9:37	57.7	37.9	0.6	3.8	-25.69	-25.64	-29.10	63.1	2.8	Valve Adjustment:No Change,Valve 20% open
OXEW133B	3/7/2024 11:15	49.7	38.7	2.4	9.2	-9.37	-9.22	-45.37	62.0	108.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW133B	3/27/2024 13:47	58.0	39.9	0.5	1.6	-5.67	-5.67	-26.29	53.6	87.1	Valve Adjustment:No Change
OXEW134A	3/7/2024 11:18	44.4	34.2	0.1	21.3	-9.15	-8.64	-46.41	65.8	19.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	3/27/2024 13:50	57.4	40.1	2.5	0.0	-9.52	-9.67	-27.59	58.2	0.0	Valve Adjustment:No Change
OXEW134B	3/7/2024 11:21	46.4	35.3	0.1	18.2	-18.41	-18.22	-46.54	62.4	67.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	3/27/2024 13:52	50.1	35.2	0.2	14.5	-8.84	-8.84	-27.11	59.3	12.7	Valve Adjustment:No Change
OXEW137B	3/6/2024 13:50	52.1	36.4	1.4	10.1	-39.55	-39.54	-39.73	65.9	15.6	Valve Adjustment:No Change
OXEW137B	3/26/2024 13:07	58.8	39.2	0.2	1.8	-27.43	-27.38	-28.29	66.1	0.0	Valve Adjustment:No Change
OXEW1601	3/8/2024 11:07	52.3	36.3	0.7	10.7	-20.41	-20.12	-39.06	119.6	218.9	Valve Adjustment:No Change
OXEW1601	3/18/2024 11:51	50.9	35.6	0.8	12.7	-19.59	-19.55	-41.97	119.1	114.7	Valve Adjustment:No Change
OXEW1602	3/8/2024 8:49	55.3	37.7	0.4	6.6	-16.93	-16.93	-43.44	128.3	62.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	3/18/2024 14:17	54.7	38.4	0.8	6.1	-27.96	-27.96	-44.68	127.6	20.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	3/8/2024 8:57	56.9	40.1	0.0	3.0	-41.16	-41.24	-41.18	104.2	4.9	Valve Adjustment:No Change,Valve 100% open
OXEW1603	3/18/2024 12:08	58.5	40.2	0.0	1.3	-41.81	-41.86	-42.33	104.4	6.2	Valve Adjustment:No Change,Valve 100% open
OXEW1604	3/8/2024 9:04	53.2	39.0	0.7	7.1	-10.48	-11.21	-39.43	124.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - March 4, 5, 6, 7, 8, 11, 12, 13, 15, 17, 18, 19, 20, 25, 26, 27, and 28, 2024.

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..	Deg. F.	scfm	
OXEW1604	3/18/2024 12:21	47.1	37.7	1.1	14.1	-14.17	-11.61	-35.46	124.1	105.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1611	3/13/2024 11:28	57.4	39.5	3.1	0.0	-11.90	-11.86	-30.99	66.0	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	3/17/2024 9:58	57.8	39.0	1.1	2.1	-11.42	-16.75	-34.01	68.1	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1612	3/12/2024 12:35	57.2	36.1	0.8	5.9	-40.07	-40.07	-40.42	125.3	23.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1612	3/18/2024 14:25	55.3	41.1	0.8	2.8	-43.82	-43.83	-44.15	125.6	23.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	3/8/2024 9:07	52.2	39.5	0.8	7.5	-38.33	-38.55	-43.42	121.0	50.9	Valve Adjustment:No Change
OXEW1613	3/18/2024 12:31	53.1	36.7	1.1	9.1	-39.34	-39.43	-44.31	117.8	47.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	3/7/2024 10:24	55.2	38.1	0.0	6.7	-0.27	-0.45	-44.44	109.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	3/18/2024 12:46	39.0	35.2	0.2	25.6	-5.59	-5.15	-44.96	113.0	19.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	3/8/2024 9:38	52.3	37.6	0.8	9.3	-27.97	-27.97	-33.40	113.0	17.4	Valve Adjustment:No Change
OXEW1616	3/27/2024 9:58	52.4	35.3	2.8	9.5	-18.14	-18.14	-21.91	112.9	14.8	Valve Adjustment:No Change
OXEW1617	3/7/2024 10:43	52.1	40.3	0.0	7.6	-5.93	-5.93	-45.60	129.2	19.4	Valve Adjustment:No Change,Valve 25% open
OXEW1617	3/18/2024 13:22	50.9	40.4	0.0	8.7	-4.88	-5.17	-46.36	129.8	18.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
<b>OXEW1618</b>	3/8/2024 9:43	49.9	36.2	0.1	13.8	-2.92	-2.91	-43.70	127.5	25.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
<b>OXEW1618</b>	3/18/2024 13:46	51.5	39.9	0.0	8.6	-2.58	-2.92	-44.74	128.3	22.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1619	3/6/2024 13:17	56.7	38.0	0.1	5.2	-42.58	-42.65	-43.18	109.1	7.9	Valve Adjustment:No Change,Valve 100% open
OXEW1619	3/26/2024 12:37	56.1	36.5	0.3	7.1	-28.79	-28.79	-29.36	107.0	5.9	Valve Adjustment:No Change,Valve 100% open
OXEW1620	3/6/2024 13:08	50.6	32.6	0.0	16.8	-10.38	-10.33	-43.88	96.2	4.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1620	3/26/2024 13:32	59.0	35.5	0.1	5.4	-7.66	-7.60	-29.36	91.8	3.6	Valve Adjustment:No Change,Valve 20% open
OXEW1621	3/12/2024 9:53	41.2	34.1	0.1	24.6	-2.78	-2.77	-45.70	111.9	23.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	3/25/2024 10:53	53.5	38.7	0.0	7.8	-1.37	-2.07	-37.96	110.8	20.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	3/6/2024 13:25	48.5	34.5	2.9	14.1	-24.77	-24.86	-42.73	117.4	20.9	Valve Adjustment:No Change
OXEW1622	3/26/2024 12:41	58.1	39.0	1.0	1.9	-16.02	-16.08	-29.37	117.5	21.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1701	3/12/2024 13:59	58.1	38.6	0.0	3.3	-41.59	-41.58	-42.31	117.6	15.3	Valve Adjustment:No Change,Valve 100% open
OXEW1701	3/12/2024 14:03	59.6	39.6	0.0	0.8	-41.05	-41.08	-41.75	117.9	14.5	Valve Adjustment:No Change,Valve 100% open
OXEW1701	3/25/2024 11:56	56.2	37.5	0.0	6.3	-32.54	-32.59	-33.27	119.4	19.6	Valve Adjustment:No Change,Valve 100% open
OXEW1702	3/12/2024 13:51	55.4	37.9	0.0	6.7	-37.59	-37.54	-40.63	123.5	37.9	Valve Adjustment:No Change,Valve 100% open
OXEW1702	3/27/2024 9:46	56.2	38.9	0.2	4.7	-22.43	-22.30	-24.98	123.1	33.4	Valve Adjustment:No Change,Valve 100% open
OXEW1703	3/12/2024 13:33	52.4	35.4	0.2	12.0	-38.72	-38.38	-39.07	66.6	2.3	Valve Adjustment:No Change,Valve 100% open
OXEW1703	3/12/2024 13:39	57.0	41.3	0.1	1.6	-39.49	-39.40	-39.70	66.1	0.7	Valve Adjustment:No Change,Valve 100% open
OXEW1703	3/27/2024 9:40	57.7	37.4	1.1	3.8	-23.17	-23.45	-23.44	60.8	1.0	Valve Adjustment:No Change,Valve 100% open
OXEW1705	3/13/2024 11:48	56.6	37.6	0.3	5.5	-38.78	-38.77	-38.87	98.1	3.6	Valve Adjustment:No Change,Valve 100% open
OXEW1705	3/13/2024 11:51	56.2	39.1	0.1	4.6	-37.87	-37.90	-38.32	101.2	4.8	Valve Adjustment:No Change,Valve 100% open
OXEW1705	3/17/2024 10:59	56.5	39.4	0.0	4.1	-42.32	-42.37	-42.96	99.3	4.0	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
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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..	Deg. F.	scfm	
OXEW1716	3/5/2024 11:00	51.4	37.9	0.1	10.6	-42.84	-42.88	-43.55	85.3	5.2	Valve Adjustment:No Change,Valve 100% open
OXEW1716	3/17/2024 12:48	52.6	39.2	0.1	8.1	-43.87	-43.88	-44.88	87.4	4.9	Valve Adjustment:No Change,Valve 100% open
OXEW1717	3/5/2024 10:46	55.8	36.3	2.0	5.9	-45.29	-45.32	-47.81	68.1	1.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1717	3/17/2024 13:45	56.7	37.0	1.6	4.7	-46.41	-46.51	-48.15	75.1	1.1	Valve Adjustment:No Change,Valve 20% open
OXEW1801	3/8/2024 9:34	48.6	34.2	0.1	17.1	-12.82	-12.72	-43.57	118.0	8.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1801	3/18/2024 12:58	49.2	37.8	0.0	13.0	-12.60	-12.87	-44.66	119.7	8.0	Valve Adjustment:No Change,Valve 20% open
OXEW1801	3/18/2024 13:06	49.0	38.1	0.0	12.9	-12.36	-12.36	-44.74	118.1	7.2	Valve Adjustment:No Change,Valve 20% open
OXEW1804	3/12/2024 12:48	57.1	38.0	0.2	4.7	-39.47	-39.50	-40.71	116.8	4.9	Valve Adjustment:No Change,Valve 100% open
OXEW1804	3/12/2024 12:54	56.6	37.6	0.2	5.6	-38.38	-38.50	-40.80	116.5	14.0	Valve Adjustment:No Change,Valve 100% open
OXEW1804	3/18/2024 13:52	55.1	39.8	0.2	4.9	-42.24	-42.24	-44.62	117.4	13.4	Valve Adjustment:No Change,Valve 100% open
OXEW1805	3/12/2024 12:44	54.4	37.2	0.1	8.3	-39.34	-39.25	-40.94	106.1	14.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1805	3/18/2024 14:03	55.4	36.8	0.2	7.6	-42.80	-42.89	-44.72	107.3	14.6	Valve Adjustment:No Change,Valve 100% open
OXEW1806	3/12/2024 10:18	47.3	37.0	0.0	15.7	-0.89	-0.89	-45.30	115.2	10.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1806	3/27/2024 10:28	53.5	35.6	0.1	10.8	-0.24	-0.24	-29.23	116.4	10.0	Valve Adjustment:No Change,Valve 10% open
OXEW1807	3/12/2024 13:20	52.9	37.8	0.1	9.2	-26.39	-27.06	-45.71	127.6	29.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1807	3/27/2024 9:50	55.7	38.9	0.8	4.6	-17.65	-17.64	-29.72	128.2	25.6	Valve Adjustment:No Change,Valve 35% open
OXEW1809	3/8/2024 8:17	54.5	35.1	0.3	10.1	-40.02	-40.02	-42.96	108.4	33.2	Valve Adjustment:No Change,Valve 100% open
OXEW1809	3/18/2024 11:39	57.3	37.2	0.3	5.2	-40.78	-41.03	-43.78	108.9	33.3	Valve Adjustment:No Change,Valve 100% open
OXEW1810	3/5/2024 13:28	58.9	26.5	0.2	14.4	-0.13	-0.38	-45.03	56.9	1.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1810	3/17/2024 13:00	46.3	26.7	4.7	22.3	-41.73	-41.76	-46.06	68.1	0.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1811	3/12/2024 9:20	56.1	36.2	0.7	7.0	-5.50	-6.15	-42.58	53.5	11.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1811	3/20/2024 11:43	53.8	37.4	0.9	7.9	-8.12	-8.42	-45.47	74.1	11.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1812	3/11/2024 13:53	53.1	35.9	0.7	10.3	-20.45	-21.34	-43.34	123.3	29.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1812	3/19/2024 13:53	51.9	36.8	0.8	10.5	-22.40	-22.98	-44.21	124.2	32.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1813	3/12/2024 13:06	54.6	35.7	0.2	9.5	-43.06	-42.63	-43.53	96.3	4.1	Valve Adjustment:No Change,Valve 100% open
OXEW1813	3/12/2024 13:11	56.9	38.2	0.1	4.8	-44.29	-44.40	-44.67	96.8	1.7	Valve Adjustment:No Change,Valve 100% open
OXEW1813	3/27/2024 9:56	54.2	35.8	1.5	8.5	-28.77	-28.47	-28.86	89.1	6.5	Valve Adjustment:No Change,Valve 100% open
OXEW1815	3/6/2024 11:15	51.1	37.1	0.0	11.8	-5.15	-5.23	-43.88	121.6	12.4	Valve Adjustment:No Change,Valve 20% open
OXEW1815	3/27/2024 10:18	55.7	33.4	1.9	9.0	-2.41	-2.41	-29.58	120.9	4.7	Valve Adjustment:No Change,Valve 20% open
OXEW1816	3/12/2024 13:55	56.4	37.6	0.1	5.9	-20.04	-21.53	-44.64	122.5	83.7	Valve Adjustment:No Change,Valve 75% open
OXEW1816	3/27/2024 9:14	54.8	33.7	0.5	11.0	-13.73	-13.75	-24.42	122.2	67.0	Valve Adjustment:No Change,Valve 85% open
OXEW1817	3/13/2024 11:04	58.1	39.1	0.0	2.8	-36.73	-37.02	-38.29	114.4	8.2	Valve Adjustment:No Change,Valve 100% open
OXEW1817	3/17/2024 8:46	55.5	34.5	0.2	9.8	-41.19	-40.64	-43.04	114.8	8.0	Valve Adjustment:No Change,Valve 100% open
OXEW1821	3/5/2024 12:50	36.1	26.2	0.2	37.5	-0.02	-0.01	-45.83	55.3	0.2	Valve Adjustment:No Change,Valve at minimum position

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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..	Deg. F.	scfm	
OXEW1821	3/18/2024 10:37	36.1	23.8	0.0	40.1	-0.15	-0.15	-46.04	63.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	3/5/2024 12:43	18.1	20.7	0.1	61.1	-0.10	-0.10	-45.22	56.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	3/18/2024 10:34	20.1	23.9	0.0	56.0	-0.09	-0.09	-46.14	67.7	0.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	3/5/2024 12:59	34.7	25.6	0.0	39.7	-0.04	-0.04	-46.16	57.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	3/18/2024 10:26	23.9	27.2	0.3	48.6	-0.09	-0.09	-45.87	75.2	0.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	3/5/2024 13:20	65.7	32.6	0.2	1.5	-44.73	-44.76	-45.19	57.7	0.5	Valve Adjustment:No Change,Valve 100% open
OXEW1824	3/17/2024 13:06	60.0	29.0	0.3	10.7	-45.43	-45.48	-46.21	67.8	0.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1825	3/5/2024 13:31	40.5	26.4	1.9	31.2	-0.55	-0.55	-45.25	56.6	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1825	3/17/2024 12:55	37.8	30.9	0.8	30.5	-0.28	-0.27	-45.89	65.9	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	3/11/2024 13:59	54.4	37.2	1.6	6.8	-9.37	-9.43	-43.14	72.6	1.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1826	3/19/2024 14:14	47.0	35.8	0.0	17.2	-9.39	-9.38	-43.88	76.6	2.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	3/6/2024 11:52	57.2	39.2	0.0	3.6	-43.08	-43.12	-43.25	97.2	8.5	Valve Adjustment:No Change,Valve 100% open
OXEW1901	3/26/2024 13:43	55.9	35.7	0.1	8.3	-29.87	-29.91	-30.30	97.0	9.2	Valve Adjustment:No Change,Valve 100% open
OXEW1902	3/12/2024 13:48	50.4	35.4	0.0	14.2	-3.97	-3.97	-42.33	65.5	12.0	Valve Adjustment:No Change,Valve 5% open
OXEW1902	3/27/2024 9:44	53.3	35.2	0.1	11.4	-1.94	-1.94	-26.79	62.8	9.9	Valve Adjustment:No Change
OXEW1904	3/12/2024 13:27	51.5	35.8	0.2	12.5	-20.81	-20.86	-43.91	108.7	53.6	Valve Adjustment:No Change,Valve 60% open
OXEW1904	3/27/2024 9:34	53.8	34.8	0.3	11.1	-12.64	-12.59	-27.78	93.9	46.0	Valve Adjustment:No Change,Valve 60% open
OXEW1908	3/11/2024 13:01	57.5	36.6	0.0	5.9	-30.67	-30.71	-33.05	104.9	56.2	Valve Adjustment:No Change,Valve 100% open
OXEW1908	3/17/2024 10:12	54.5	37.4	0.0	8.1	-31.39	-31.45	-33.85	105.4	59.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1909	3/12/2024 9:47	56.8	39.3	0.1	3.8	-34.39	-35.46	-40.14	101.1	50.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW1909	3/25/2024 13:15	55.9	36.4	0.2	7.5	-28.13	-28.44	-31.97	101.4	47.7	Valve Adjustment:No Change,Valve 100% open
OXEW1910	3/11/2024 13:10	53.4	35.7	0.8	10.1	-7.75	-8.10	-40.55	111.8	45.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1910	3/17/2024 10:25	49.9	35.1	1.0	14.0	-8.67	-9.02	-41.57	112.6	47.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1911	3/12/2024 12:41	53.9	35.6	1.7	8.8	-38.54	-38.52	-41.72	124.0	11.0	Valve Adjustment:No Change,Valve 100% open
OXEW1911	3/18/2024 14:10	53.3	39.1	1.1	6.5	-42.01	-42.04	-44.99	125.8	11.4	Valve Adjustment:No Change,Valve 100% open
OXEW1912	3/8/2024 10:07	55.3	41.6	0.0	3.1	-35.61	-35.59	-44.47	124.1	71.3	Valve Adjustment:No Change,Valve 100% open
OXEW1912	3/18/2024 11:55	57.5	37.6	0.1	4.8	-42.56	-42.57	-45.67	120.3	38.9	Valve Adjustment:No Change,Valve 100% open
OXEW1913	3/11/2024 13:33	24.0	27.4	1.8	46.8	-12.89	-12.35	-44.07	90.4	76.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1913	3/11/2024 13:42	20.8	26.9	1.8	50.5	-16.49	-5.86	-44.22	91.2	80.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1913	3/11/2024 13:45	17.8	27.2	2.0	53.0	-2.93	-1.76	-43.77	90.2	25.9	Valve Adjustment:No Change,Valve 20% open
OXEW1913	3/19/2024 13:40	49.7	37.6	0.0	12.7	-0.08	-0.07	-44.48	89.8	25.7	Valve Adjustment:No Change,Valve 20% open
OXEW1914	3/7/2024 9:30	57.4	40.4	0.0	2.2	-45.52	-45.51	-45.58	79.1	2.0	Valve Adjustment:No Change,Valve 100% open
OXEW1914	3/7/2024 9:38	57.0	39.8	0.0	3.2	-45.60	-45.62	-45.68	80.6	3.6	Valve Adjustment:No Change,Valve 100% open
OXEW1914	3/20/2024 11:11	55.9	38.9	0.4	4.8	-46.11	-46.12	-46.01	85.4	3.7	Valve Adjustment:No Change,Valve 100% open

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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..	Deg. F.	scfm	
OXEW1915	3/5/2024 10:34	53.0	39.3	0.2	7.5	-5.44	-5.47	-48.35	55.3	9.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1915	3/17/2024 13:39	54.5	33.9	0.7	10.9	-5.30	-6.69	-48.86	63.4	10.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1916	3/11/2024 10:35	49.5	25.0	4.9	20.6	-43.15	-43.11	-43.30	66.1	0.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW1916	3/17/2024 14:45	55.2	40.8	0.6	3.4	-45.43	-45.72	-45.87	65.6	0.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1917	3/11/2024 10:42	58.3	38.2	1.6	1.9	-43.02	-43.07	-43.25	65.1	0.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1917	3/17/2024 14:51	57.8	40.0	2.2	0.0	-45.20	-45.28	-45.81	70.6	3.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1919	3/5/2024 12:47	35.5	29.7	0.0	34.8	-14.34	-10.08	-45.36	62.6	4.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	3/18/2024 10:31	45.9	33.3	0.0	20.8	-8.54	-6.81	-46.09	66.3	3.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	3/5/2024 12:53	44.8	27.3	0.0	27.9	-4.87	-2.02	-46.21	55.1	3.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	3/18/2024 10:40	41.9	26.7	0.6	30.8	-0.48	-0.48	-46.04	64.9	2.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	3/5/2024 13:08	52.7	38.2	0.0	9.1	-41.30	-41.35	-45.90	98.5	20.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1921	3/17/2024 13:18	49.0	37.4	0.9	12.7	-41.88	-41.89	-46.21	97.8	20.0	Valve Adjustment:No Change,Valve 50% open
OXEW2001	3/11/2024 10:05	49.1	38.8	0.0	12.1	-1.08	-1.07	-42.79	110.6	6.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2001	3/17/2024 14:24	45.5	35.7	0.2	18.6	-2.31	-2.21	-47.28	115.3	8.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2002	3/11/2024 9:26	56.4	39.0	0.2	4.4	-23.73	-29.04	-46.63	108.4	28.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2002	3/17/2024 14:11	53.9	37.4	0.7	8.0	-38.09	-39.05	-48.74	107.9	30.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2003	3/12/2024 11:35	57.2	40.5	0.2	2.1	-43.25	-43.19	-43.74	96.3	5.7	Valve Adjustment:No Change,Valve 100% open
OXEW2003	3/18/2024 9:56	55.4	37.1	0.5	7.0	-48.53	-48.44	-48.64	91.7	5.9	Valve Adjustment:No Change,Valve 100% open
OXEW2004	3/5/2024 10:53	50.6	36.1	0.2	13.1	-41.60	-41.64	-48.36	122.2	46.2	Valve Adjustment:No Change,Valve 70% open
OXEW2004	3/17/2024 12:43	55.6	38.3	0.1	6.0	-42.76	-43.73	-49.61	121.9	46.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXEW2005	3/5/2024 11:08	48.1	39.1	0.0	12.8	-6.41	-6.35	-45.04	119.3	15.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2005	3/17/2024 13:14	49.8	38.0	0.1	12.1	-7.04	-7.04	-46.01	119.9	15.0	Valve Adjustment:No Change
OXEW2007	3/5/2024 13:02	55.1	39.4	0.0	5.5	-44.95	-45.03	-46.33	92.2	38.9	Valve Adjustment:No Change,Valve 100% open
OXEW2007	3/18/2024 10:53	52.7	37.9	1.3	8.1	-45.51	-45.58	-45.99	92.7	25.0	Valve Adjustment:No Change,Valve 100% open
OXEW2008	3/5/2024 13:12	56.1	30.4	1.7	11.8	-44.92	-44.90	-45.41	58.0	1.7	Valve Adjustment:No Change,Valve 100% open
OXEW2008	3/18/2024 11:02	59.9	30.4	0.7	9.0	-46.37	-46.39	-46.05	70.3	6.6	Valve Adjustment:No Change,Valve 100% open
OXEW2009	3/12/2024 9:29	60.7	38.9	0.3	0.1	-43.69	-43.86	-43.72	95.3	18.5	Valve Adjustment:No Change,Valve 100% open
OXEW2009	3/20/2024 13:28	50.8	38.9	1.8	8.5	-47.16	-47.20	-47.34	97.4	11.5	Valve Adjustment:No Change,Valve 100% open
OXEW2010	3/11/2024 10:48	50.5	34.2	3.4	11.9	-40.46	-40.51	-43.25	70.2	4.2	Valve Adjustment:No Change,Valve at minimum position
OXEW2010	3/20/2024 13:02	52.1	34.2	2.1	11.6	-41.03	-41.43	-47.57	73.8	7.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2011	3/11/2024 10:24	56.3	42.6	0.0	1.1	-6.12	-7.69	-43.76	95.4	11.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2011	3/17/2024 14:38	54.6	41.3	0.0	4.1	-14.08	-15.85	-46.40	95.8	12.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2012	3/11/2024 9:42	55.2	38.1	0.0	6.7	-36.84	-40.78	-45.85	99.8	14.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2012	3/17/2024 14:01	53.9	38.0	0.1	8.0	-45.66	-46.16	-49.20	99.6	15.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open



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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..	Deg. F.	scfm	
OXEW2016	3/8/2024 9:01	56.5	38.5	0.2	4.8	-21.78	-22.03	-42.31	130.3	17.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2016	3/17/2024 10:46	55.8	42.1	0.0	2.1	-23.25	-23.75	-43.32	130.3	18.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2017	3/8/2024 8:53	55.9	38.7	0.1	5.3	-11.99	-12.34	-44.22	125.8	50.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2017	3/17/2024 10:34	53.2	37.8	0.0	9.0	-13.15	-13.88	-47.25	125.9	50.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2017	3/17/2024 10:40	53.7	40.8	0.0	5.5	-14.47	-14.78	-45.17	126.4	54.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2020	3/6/2024 11:08	50.6	35.3	0.1	14.0	-33.06	-33.04	-44.11	130.1	29.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2020	3/27/2024 10:20	58.7	34.8	0.3	6.2	-23.02	-23.06	-29.95	129.8	23.5	Valve Adjustment:No Change
OXEW2021	3/6/2024 11:25	54.4	35.8	0.1	9.7	-11.31	-12.34	-43.29	70.2	1.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2021	3/6/2024 11:35	54.9	38.0	1.2	5.9	-16.27	-18.35	-42.17	74.8	3.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2021	3/27/2024 10:13	52.4	32.7	0.4	14.5	-9.13	-9.12	-28.91	62.9	1.2	Valve Adjustment:No Change,Valve 15% open
OXEW2022	3/12/2024 14:14	54.0	36.8	0.6	8.6	-44.60	-44.50	-45.84	118.0	23.7	Valve Adjustment:No Change,Valve 100% open
OXEW2022	3/25/2024 12:02	57.1	37.6	0.1	5.2	-37.13	-37.18	-38.28	120.4	26.8	Valve Adjustment:No Change,Valve 100% open
OXEW2023	3/13/2024 12:02	55.5	38.3	0.1	6.1	-37.97	-37.90	-38.35	123.3	36.2	Valve Adjustment:No Change,Valve 100% open
OXEW2023	3/27/2024 9:21	56.2	37.3	0.1	6.4	-24.48	-24.50	-25.31	125.1	19.3	Valve Adjustment:No Change,Valve 100% open
OXEW2024	3/13/2024 11:11	55.9	39.2	0.0	4.9	-37.23	-37.55	-37.70	122.6	13.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2024	3/17/2024 9:27	55.3	37.8	0.3	6.6	-41.51	-42.12	-42.41	123.2	8.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
OXEW2026	3/13/2024 10:48	43.5	30.7	4.9	20.9	-39.37	-39.36	-39.18	59.1	5.0	Valve Adjustment:No Change
OXEW2026	3/20/2024 9:15	44.9	29.0	4.1	22.0	-43.84	-43.91	-44.02	63.2	2.9	Valve Adjustment:No Change,Valve 85% open
OXEW2027	3/13/2024 14:00	40.2	27.9	6.5	25.4	-35.42	-35.06	-35.52	68.9	0.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXEW2027	3/13/2024 14:03	42.8	29.7	5.7	21.8	-34.90	-30.59	-35.12	69.0	0.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 70% open
OXEW2027	3/25/2024 13:23	58.5	37.6	1.4	2.5	-33.99	-34.19	-34.61	55.3	0.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2028	3/13/2024 10:41	42.8	31.9	4.8	20.5	-28.43	-24.53	-38.81	58.9	66.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXEW2028	3/17/2024 9:15	58.2	39.0	0.4	2.4	-43.08	-43.01	-43.57	56.5	3.8	Valve Adjustment:No Change,Valve 100% open
OXEW2029	3/12/2024 14:23	49.9	35.8	0.1	14.2	-27.35	-26.68	-48.79	123.7	43.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2029	3/25/2024 12:07	54.6	36.6	0.0	8.8	-16.74	-18.00	-39.60	124.8	43.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2030	3/13/2024 11:39	56.4	37.9	0.2	5.5	-30.92	-30.74	-31.03	121.7	12.8	Valve Adjustment:No Change,Valve 100% open
OXEW2030	3/13/2024 11:42	56.4	39.0	0.0	4.6	-29.97	-29.96	-31.05	121.2	14.2	Valve Adjustment:No Change,Valve 100% open
OXEW2030	3/17/2024 10:55	53.7	38.0	0.2	8.1	-32.79	-32.84	-34.25	121.7	15.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2031	3/8/2024 10:47	55.9	40.0	0.0	4.1	-18.19	-18.32	-41.67	123.7	99.0	Valve Adjustment:No Change,Valve 100% open
OXEW2031	3/8/2024 10:54	56.4	41.0	0.0	2.6	-34.23	-34.24	-40.95	126.1	111.7	Valve Adjustment:No Change,Valve 100% open
OXEW2031	3/18/2024 12:37	56.8	39.1	0.1	4.0	-42.88	-42.87	-44.06	125.6	44.0	Valve Adjustment:No Change,Valve 100% open
OXEW2101	3/12/2024 10:09	47.9	38.0	0.0	14.1	-1.51	-1.50	-45.26	122.2	19.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2101	3/25/2024 11:19	55.4	38.4	0.0	6.2	-0.41	-0.72	-38.89	123.8	17.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2102	3/13/2024 11:30	53.9	38.0	0.2	7.9	-30.27	-30.26	-30.99	77.7	16.1	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - March 4, 5, 6, 7, 8, 11, 12, 13, 15, 17, 18, 19, 20, 25, 26, 27, and 28, 2024.

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..	Deg. F.	scfm	
OXEW2102	3/17/2024 10:04	54.3	37.1	0.1	8.5	-33.03	-33.02	-34.23	80.7	17.0	Valve Adjustment:No Change,Valve 100% open
OXEW2103	3/13/2024 11:15	54.3	37.4	0.5	7.8	-15.61	-16.08	-40.87	101.5	53.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2103	3/17/2024 9:42	51.1	34.5	1.5	12.9	-17.98	-20.79	-44.39	103.9	55.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW2104	3/13/2024 10:54	56.0	36.8	0.1	7.1	-35.74	-35.70	-39.11	115.5	7.6	Valve Adjustment:No Change,Valve 100% open
OXEW2104	3/17/2024 8:57	57.0	39.9	0.1	3.0	-39.44	-39.44	-43.56	115.7	6.0	Valve Adjustment:No Change,Valve 100% open
OXEW2104	3/17/2024 9:04	57.3	38.6	0.0	4.1	-35.64	-35.66	-43.85	115.2	57.0	Valve Adjustment:No Change,Valve 100% open
OXEW2105	3/11/2024 13:05	58.5	38.2	0.0	3.3	-32.89	-32.88	-33.09	95.5	3.0	Valve Adjustment:No Change,Valve 100% open
OXEW2105	3/17/2024 10:21	54.4	35.4	0.1	10.1	-33.39	-33.39	-33.83	98.4	2.4	Valve Adjustment:No Change,Valve 100% open
OXEW2106	3/8/2024 8:21	58.2	38.8	0.0	3.0	-43.20	-43.19	-43.93	110.9	12.7	Valve Adjustment:No Change,Valve 100% open
OXEW2106	3/18/2024 11:44	56.3	35.7	0.1	7.9	-43.87	-43.47	-44.62	111.8	13.6	Valve Adjustment:No Change,Valve 100% open
OXEW2107	3/11/2024 9:59	55.0	39.3	0.0	5.7	-29.79	-29.79	-30.10	103.1	11.6	Valve Adjustment:No Change,Valve 100% open
OXEW2107	3/17/2024 14:19	51.7	37.2	0.3	10.8	-35.01	-34.46	-35.24	100.8	3.8	Valve Adjustment:No Change,Valve 100% open
OXEW2108	3/11/2024 9:33	55.4	36.8	0.1	7.7	-39.41	-40.23	-45.63	105.3	20.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2108	3/17/2024 14:15	52.9	38.8	0.4	7.9	-43.62	-43.75	-48.50	102.9	19.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2109	3/11/2024 10:19	53.0	36.8	0.1	10.1	-0.06	-0.25	-45.36	63.4	2.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	3/17/2024 14:34	42.8	35.5	0.0	21.7	-30.54	-30.17	-48.42	66.7	1.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2110	3/13/2024 11:54	56.1	38.4	0.0	5.5	-36.78	-36.65	-37.10	88.2	18.0	Valve Adjustment:No Change,Valve 100% open
OXEW2110	3/17/2024 11:02	54.9	39.5	0.0	5.6	-39.36	-39.43	-40.94	90.2	27.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2111	3/11/2024 12:54	55.7	35.7	0.3	8.3	-16.04	-15.95	-41.88	106.8	125.4	Valve Adjustment:No Change,Valve 100% open
OXEW2111	3/17/2024 11:56	57.6	38.0	0.0	4.4	-17.02	-17.04	-44.48	107.7	130.9	Valve Adjustment:No Change,Valve 100% open
OXEW2112	3/11/2024 12:50	59.5	38.7	0.0	1.8	-41.44	-41.50	-42.52	104.8	33.8	Valve Adjustment:No Change,Valve 100% open
OXEW2112	3/17/2024 11:42	56.0	36.0	0.0	8.0	-44.69	-44.74	-45.64	105.6	33.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2113	3/11/2024 12:30	55.3	34.7	0.3	9.7	-40.65	-40.66	-41.69	119.9	19.7	Valve Adjustment:No Change,Valve 100% open
OXEW2113	3/17/2024 12:00	55.5	39.8	0.1	4.6	-43.57	-43.65	-44.72	120.1	22.0	Valve Adjustment:No Change,Valve 100% open
OXEW2207	3/13/2024 11:34	56.1	37.2	0.0	6.7	-29.22	-29.22	-30.61	116.4	67.2	Valve Adjustment:No Change,Valve 100% open
OXEW2207	3/17/2024 10:08	54.6	36.5	0.0	8.9	-31.39	-31.36	-33.54	116.2	69.9	Valve Adjustment:No Change,Valve 100% open
OXEW2208	3/11/2024 13:14	52.6	36.7	0.0	10.7	-12.31	-12.40	-35.67	122.6	92.2	Valve Adjustment:No Change,Valve 35% open
OXEW2208	3/17/2024 11:33	49.3	36.5	0.0	14.2	-13.01	-13.10	-38.53	122.8	92.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2209	3/13/2024 11:20	56.1	38.1	0.0	5.8	-37.70	-37.90	-37.76	97.7	23.3	Valve Adjustment:No Change,Valve 100% open
OXEW2209	3/13/2024 11:24	57.3	38.1	0.0	4.6	-37.75	-37.38	-38.41	97.5	18.5	Valve Adjustment:No Change,Valve 100% open
OXEW2209	3/17/2024 9:51	57.3	36.4	0.0	6.3	-41.74	-41.81	-42.71	98.6	16.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2210	3/12/2024 13:45	55.4	38.7	1.0	4.9	-40.51	-41.19	-42.01	101.4	15.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2210	3/27/2024 9:42	51.6	35.3	2.6	10.5	-26.15	-25.99	-26.42	96.8	5.8	Valve Adjustment:No Change,Valve 60% open
OXEW2211	3/13/2024 12:08	57.6	39.0	0.0	3.4	-35.73	-35.69	-36.32	122.9	52.0	Valve Adjustment:No Change,Valve 100% open

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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..	Deg. F.	scfm	
OXEW2211	3/27/2024 9:18	57.3	36.5	0.5	5.7	-23.05	-23.22	-23.79	122.9	39.6	Valve Adjustment:No Change,Valve 100% open
OXEW2212	3/13/2024 11:01	54.2	36.6	0.0	9.2	-5.82	-6.38	-39.31	111.9	46.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2212	3/17/2024 8:52	57.8	39.3	0.0	2.9	-6.99	-9.24	-44.21	112.2	53.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2213	3/13/2024 10:32	56.2	39.6	0.0	4.2	-34.93	-34.85	-38.11	111.1	72.4	Valve Adjustment:No Change,Valve 100% open
OXEW2213	3/17/2024 9:12	55.3	37.3	0.1	7.3	-38.62	-38.34	-42.56	111.3	75.4	Valve Adjustment:No Change,Valve 100% open
OXEW2214	3/13/2024 9:33	59.5	37.1	0.1	3.3	-42.73	-42.86	-42.94	54.8	3.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW2214	3/26/2024 15:09	59.0	36.8	0.0	4.2	-28.08	-28.26	-28.33	67.6	4.8	Valve Adjustment:No Change,Valve 60% open
OXEWHC6A**	3/5/2024 10:23	50.1	36.8	2.3	10.8	-1.37	-1.37	-47.41	53.3	1.0	Valve Adjustment:No Change,Valve at minimum position
OXEWHC6A**	3/28/2024 10:45	55.7	40.5	3.8	0.0	-20.63	-20.63	-24.79	58.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OXHC1922	3/11/2024 13:18	53.2	36.2	0.0	10.6	-7.57	-8.15	-38.24	78.1	44.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC1922	3/17/2024 11:29	49.0	34.6	0.6	15.8	-9.67	-9.71	-40.36	83.2	48.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC2000	3/13/2024 9:57	58.7	39.1	0.3	1.9	-37.49	-37.32	-40.92	70.0	10.6	Valve Adjustment:No Change,Valve 100% open
OXHC2000	3/26/2024 15:04	59.2	37.8	0.3	2.7	-23.85	-23.87	-25.82	68.5	15.9	Valve Adjustment:No Change,Valve 100% open
OXHC2001	3/13/2024 9:54	57.6	36.5	0.4	5.5	-32.98	-32.86	-41.05	66.6	57.5	Valve Adjustment:No Change,Valve 100% open
OXHC2001	3/13/2024 10:02	57.6	35.9	0.1	6.4	-35.66	-35.61	-41.87	67.2	55.8	Valve Adjustment:No Change,Valve 100% open
OXHC2001	3/26/2024 15:02	59.3	37.6	0.3	2.8	-21.53	-21.69	-25.76	69.1	49.3	Valve Adjustment:No Change,Valve 100% open
OXHC2014	3/11/2024 12:35	55.8	35.1	0.1	9.0	-12.79	-13.05	-44.01	95.8	89.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXHC2014	3/17/2024 11:45	54.8	38.7	0.0	6.5	-14.66	-15.23	-48.15	96.1	93.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXHC2015	3/5/2024 9:54	53.9	38.2	0.0	7.9	-11.95	-12.16	-56.11	58.7	85.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXHC2015	3/15/2024 12:52	58.1	38.8	0.1	3.0	-11.75	-12.66	-57.25	80.9	86.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXHC2101	3/13/2024 10:15	59.2	36.7	4.1	0.0	-36.78	-36.82	-36.77	63.1	0.5	Valve Adjustment:No Change,Valve 10% open
OXHC2101	3/20/2024 9:39	59.3	37.5	2.1	1.1	-0.45	-0.45	-31.85	101.9	5.7	Valve Adjustment:No Change,Valve 15% open
OXLCR13B	3/5/2024 10:02	45.8	39.3	0.0	14.9	-5.74	-4.87	-47.45	54.3	65.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXLCR13B	3/15/2024 12:59	47.7	38.3	0.0	14.0	-4.21	-3.90	-48.38	84.4	58.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXLCR4A1	3/5/2024 10:05	51.7	39.7	0.0	8.6	-43.60	-45.28	-48.48	57.7	49.2	Valve Adjustment:No Change,Valve 40% open
OXLCR4A1	3/15/2024 13:04	55.1	38.7	0.0	6.2	-44.27	-44.27	-48.87	68.7	37.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXLCR4B1	3/5/2024 10:09	47.8	37.1	0.7	14.4	-4.86	-4.05	-48.49	52.8	8.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	3/15/2024 13:11	50.0	33.5	2.5	14.0	-3.48	-3.18	-49.28	80.8	8.3	Valve Adjustment:No Change,Valve at minimum position
OXLCRS07	3/13/2024 9:43	38.0	27.4	4.8	29.8	-0.06	-0.11	-43.32	59.2	2.1	Valve Adjustment:No Change,Valve at minimum position
OXLCRS07	3/26/2024 14:54	57.5	35.0	0.1	7.4	-0.02	-0.02	-28.78	69.0	3.0	Valve Adjustment:No Change,Valve at minimum position
OXLCRS10	3/13/2024 10:12	57.8	36.0	0.0	6.2	-35.43	-35.46	-36.86	91.3	60.7	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	3/20/2024 9:33	57.8	38.2	0.5	3.5	-3.70	-3.72	-41.81	89.4	238.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXLCRS10	3/20/2024 9:37	59.9	37.4	0.2	2.5	-31.32	-31.25	-32.32	91.5	55.2	Valve Adjustment:No Change,Valve 100% open
OXLCRS11	3/13/2024 10:09	54.1	33.9	0.4	11.6	-4.19	-4.22	-46.79	88.4	111.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open

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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..	Deg. F.	scfm	
OXLCRS11	3/20/2024 9:35	59.4	37.0	0.1	3.5	-3.65	-3.67	-39.61	89.4	105.9	Valve Adjustment:No Change,Valve 65% open
OXLCRS12	3/13/2024 10:21	57.0	37.1	0.1	5.8	-7.35	-7.35	-36.38	75.5	145.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	3/20/2024 9:29	55.7	39.0	0.4	4.9	-5.56	-5.54	-32.59	76.0	140.1	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	3/4/2024 10:23	36.5	33.4	4.8	25.3	-31.32	-31.34	-46.39	74.0	N/A	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	3/19/2024 9:08	26.6	20.8	10.1	42.5	-32.66	-32.40	-47.24	53.8	N/A	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3A	3/19/2024 9:10	1.7	6.4	21.0	70.9	-33.00	-32.66	-47.44	54.0	N/A	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3A	3/26/2024 13:04	59.7	15.6	3.2	21.5	-29.77	-29.80	-29.82	63.2	N/A	Valve Adjustment:No Change,Valve at minimum position
OXLCRS3B	3/4/2024 10:16	36.8	36.6	4.1	22.5	-25.99	-25.38	-45.31	77.1	N/A	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	3/19/2024 9:00	19.2	18.3	15.9	46.6	-29.13	-29.03	-46.94	54.4	N/A	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS3B	3/19/2024 9:03	24.1	11.3	14.7	49.9	-30.27	-30.24	-47.29	54.5	N/A	Valve Adjustment:NSPS,No Change,Valve at minimum position
OXLCRS3B	3/20/2024 10:24	56.8	18.0	4.9	20.3	-47.00	-47.21	-47.20	77.5	N/A	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS7B	3/13/2024 9:40	59.5	37.5	3.0	0.0	-0.02	-0.05	-43.11	55.1	0.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS7B	3/26/2024 14:51	55.6	34.4	0.2	9.8	-0.32	-0.12	-28.86	64.2	1.6	Valve Adjustment:No Change,Valve at minimum position
OXLCRS8A	3/5/2024 9:58	56.6	40.9	0.0	2.5	-1.46	-1.48	-48.59	53.6	25.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXLCRS8A	3/15/2024 12:56	56.6	37.2	0.1	6.1	-1.09	-1.45	-49.65	89.1	26.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXLCRS9A	3/11/2024 12:39	57.4	37.9	0.3	4.4	-26.31	-26.31	-43.02	86.3	15.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXLCRS9A	3/17/2024 11:48	54.9	39.4	0.3	5.4	-34.90	-40.08	-45.61	86.2	11.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXLCRS9B	3/11/2024 12:41	56.6	40.0	2.5	0.9	-0.39	-0.41	-43.38	70.9	6.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS9B	3/17/2024 11:52	56.3	37.7	0.1	5.9	-0.04	-0.29	-46.15	72.4	7.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXME302D	3/6/2024 11:22	54.5	36.4	0.0	9.1	-41.79	-41.80	-43.56	117.3	31.5	Valve Adjustment:No Change,Valve 100% open
OXME302D	3/25/2024 11:41	54.8	37.3	0.1	7.8	-35.95	-35.86	-37.55	117.2	33.2	Valve Adjustment:No Change,Valve 100% open
OXME306D	3/6/2024 10:44	56.3	34.9	0.1	8.7	-1.21	-1.21	-44.06	119.9	16.1	Valve Adjustment:No Change,Valve 25% open
OXME306D	3/26/2024 11:25	58.6	33.6	0.7	7.1	-0.02	-0.04	-28.98	118.8	17.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXME312D	3/7/2024 10:54	36.1	33.1	0.5	30.3	-4.09	-4.08	-45.46	74.6	3.4	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	3/25/2024 12:18	50.8	34.7	0.7	13.8	-0.02	-0.04	-37.42	68.6	14.5	Valve Adjustment:Opened valve 1/2 turn or less
OXME316D	3/7/2024 9:49	57.7	39.1	0.0	3.2	-40.17	-40.28	-41.93	126.2	33.6	Valve Adjustment:No Change,Valve 100% open
OXME316D	3/20/2024 11:30	57.1	39.8	0.0	3.1	-40.40	N/A	-42.02	127.0	32.0	Valve Adjustment:No Change,Valve 100% open
OXME316D	3/25/2024 9:55	57.6	37.2	0.1	5.1	-28.06	-28.06	-30.04	127.2	36.0	Valve Adjustment:No Change,Valve 100% open
OXME317D	3/7/2024 9:58	54.8	37.7	1.1	6.4	-43.93	-43.99	-44.09	61.5	4.5	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	3/20/2024 11:37	54.7	38.1	1.0	6.2	-43.53	-43.59	-43.75	70.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	3/7/2024 11:24	46.9	36.0	1.3	15.8	-20.96	-19.81	-46.89	66.2	11.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW113	3/27/2024 13:54	53.7	37.3	0.4	8.6	-15.19	-14.52	-27.59	64.0	32.0	Valve Adjustment:No Change
OXMEW122	3/13/2024 14:25	40.2	26.7	4.7	28.4	-43.07	-42.93	-43.47	78.4	54.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	3/26/2024 14:21	41.4	26.1	4.7	27.8	-30.25	-30.27	-30.44	67.9	0.0	Valve Adjustment:No Change

OX MOUNTAIN LANDFILL  
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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..	Deg. F.	scfm	
OXMEW126	3/7/2024 11:42	53.3	37.5	0.1	9.1	-45.51	-45.51	-45.24	59.3	0.3	Valve Adjustment:No Change,Valve 100% open
OXMEW126	3/27/2024 13:26	54.2	38.4	0.2	7.2	-25.79	-25.88	-26.12	56.9	0.9	Valve Adjustment:No Change,Valve 100% open
OXMEW138	3/6/2024 13:52	55.0	38.6	1.8	4.6	-4.53	-4.54	-39.15	67.2	1.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW138	3/26/2024 13:11	52.6	35.5	0.3	11.6	-4.68	-4.69	-29.61	68.3	1.5	Valve Adjustment:No Change
OXMEW145	3/7/2024 15:35	57.0	42.5	0.0	0.5	-42.29	-42.28	-45.19	94.7	11.9	Valve Adjustment:No Change,Valve 100% open
OXMEW145	3/27/2024 13:43	57.0	37.9	0.3	4.8	-25.49	-25.46	-27.32	90.6	8.9	Valve Adjustment:No Change,Valve 100% open
OXMEW156	3/5/2024 10:20	52.7	40.2	0.2	6.9	-0.89	-0.89	-47.38	52.7	0.8	Valve Adjustment:No Change,Valve at minimum position
OXMEW156	3/17/2024 13:29	45.4	33.5	2.4	18.7	-1.00	-0.99	-48.55	68.8	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW158	3/7/2024 16:14	59.0	38.0	0.2	2.8	-42.33	-42.36	-44.53	62.5	2.7	Valve Adjustment:No Change,Valve 100% open
OXMEW158	3/27/2024 13:19	55.2	34.9	0.2	9.7	-25.41	-25.39	-25.87	60.6	1.7	Valve Adjustment:No Change,Valve 100% open
OXMEW159	3/7/2024 16:11	60.2	36.4	0.1	3.3	-40.25	-40.25	-44.55	65.6	6.4	Valve Adjustment:No Change,Valve 100% open
OXMEW159	3/27/2024 13:21	58.2	37.8	0.4	3.6	-24.43	-24.39	-25.98	64.5	3.7	Valve Adjustment:No Change,Valve 100% open
OXMEW162	3/6/2024 9:43	58.0	32.4	1.1	8.5	-43.02	-43.02	-43.42	61.2	3.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW162	3/26/2024 10:15	62.4	33.8	0.6	3.2	-28.25	-28.31	-28.79	60.6	10.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	3/13/2024 13:14	51.5	20.6	4.9	23.0	-39.31	-39.22	-39.50	65.8	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW170	3/28/2024 8:38	54.8	35.6	2.1	7.5	-23.77	-23.64	-23.77	47.7	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEW173	3/5/2024 11:17	53.4	38.6	0.1	7.9	-2.87	-2.89	-47.21	69.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW173	3/17/2024 12:40	54.7	36.1	0.2	9.0	-3.12	-3.12	-48.56	76.8	7.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW174	3/5/2024 10:19	52.0	37.2	0.0	10.8	-9.52	-9.52	-47.09	54.5	5.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW174	3/17/2024 13:27	53.5	34.5	0.5	11.5	-40.25	-42.87	-48.59	65.0	2.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	3/5/2024 10:30	55.5	39.9	0.0	4.6	-42.78	-44.22	-47.20	57.6	3.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW175	3/17/2024 13:35	55.6	31.6	0.5	12.3	-45.43	-46.66	-48.19	66.2	3.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW181	3/11/2024 13:49	54.2	38.5	0.4	6.9	-42.24	-42.31	-43.00	112.4	27.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	3/19/2024 13:48	56.9	38.4	0.1	4.6	-41.56	-41.67	-44.01	114.9	75.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW182	3/8/2024 9:28	53.6	36.2	0.0	10.2	-39.73	-39.76	-44.10	118.2	48.8	Valve Adjustment:No Change,Valve 100% open
OXMEW182	3/20/2024 11:57	51.5	38.3	0.0	10.2	-40.85	-40.91	-45.10	118.4	47.3	Valve Adjustment:No Change,Valve 100% open
OXMEW183	3/7/2024 11:07	49.7	38.3	0.0	12.0	-6.67	-6.62	-44.33	114.4	37.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW183	3/20/2024 12:03	48.4	38.7	0.0	12.9	-6.59	-6.25	-45.23	115.2	34.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	3/12/2024 9:30	44.8	33.8	0.0	21.4	-1.76	-1.72	-43.12	119.9	36.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	3/27/2024 10:48	52.5	35.7	0.6	11.2	-2.11	-1.72	-28.85	122.4	79.5	Valve Adjustment:No Change
OXMEW185	3/12/2024 9:41	57.3	41.3	0.0	1.4	-1.03	-1.72	-44.74	100.1	53.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	3/27/2024 10:44	53.6	37.1	0.3	9.0	-0.88	-0.88	-29.72	109.6	27.0	Valve Adjustment:No Change
OXMEW186	3/7/2024 10:39	52.1	39.7	0.0	8.2	-2.86	-2.84	-45.97	115.4	14.1	Valve Adjustment:No Change,Valve 10% open
OXMEW186	3/18/2024 13:17	49.9	41.6	0.0	8.5	-1.84	-1.85	-46.32	117.2	8.1	Valve Adjustment:No Change

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW187	3/12/2024 10:33	31.1	33.7	0.0	35.2	-3.16	-3.15	-44.08	112.8	32.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW187	3/27/2024 10:58	51.4	37.7	0.5	10.4	-1.38	-1.38	-28.84	96.0	8.4	Valve Adjustment:No Change
OXMEW188	3/12/2024 9:58	50.8	39.2	0.0	10.0	-2.35	-2.35	-44.44	110.6	14.3	Valve Adjustment:No Change
OXMEW188	3/25/2024 11:08	54.2	37.7	0.0	8.1	-1.31	-1.64	-38.36	114.0	15.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW189	3/12/2024 10:03	51.5	40.0	0.2	8.3	-4.82	-5.00	-43.68	116.5	94.9	Valve Adjustment:No Change
OXMEW189	3/25/2024 11:13	49.6	36.9	2.6	10.9	-1.65	-1.65	-36.55	119.9	24.8	Valve Adjustment:No Change
OXMEW190	3/12/2024 14:27	50.5	36.9	0.2	12.4	-18.29	-18.18	-45.32	124.9	21.8	Valve Adjustment:No Change,Valve 40% open
OXMEW190	3/25/2024 12:11	55.9	39.0	1.0	4.1	-9.98	-9.98	-36.74	125.9	23.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW191	3/5/2024 11:23	54.3	37.2	0.1	8.4	-4.59	-5.18	-47.18	115.2	21.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW191	3/18/2024 10:17	39.6	34.1	1.1	25.2	-14.42	-11.88	-48.23	93.7	26.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	3/11/2024 9:53	52.3	37.4	0.0	10.3	-23.40	-23.65	-45.78	78.9	8.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW192	3/17/2024 13:57	49.9	36.4	0.1	13.6	-27.89	-27.84	-48.86	80.6	8.8	Valve Adjustment:No Change,Valve 10% open
OXMEW194	3/11/2024 14:02	52.3	34.9	1.1	11.7	-42.51	-42.63	-42.83	81.0	15.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW194	3/19/2024 14:09	53.9	37.5	1.0	7.6	-43.72	-43.72	-43.96	80.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	3/7/2024 11:03	50.1	36.0	0.8	13.1	-11.49	-11.44	-44.53	93.1	72.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	3/18/2024 13:36	50.3	36.1	0.7	12.9	-12.27	-11.92	-44.88	97.3	106.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	3/7/2024 10:36	50.4	37.6	0.1	11.9	-8.59	-8.60	-45.26	123.6	28.0	Valve Adjustment:No Change
OXMEW199	3/18/2024 13:26	50.7	38.8	0.2	10.3	-7.82	-7.54	-44.86	124.2	29.2	Valve Adjustment:No Change
OXMEW200	3/12/2024 10:40	42.1	35.0	0.0	22.9	-1.59	-1.58	-45.17	112.5	9.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	3/25/2024 10:18	54.8	37.2	0.1	7.9	-0.59	-0.72	-28.79	107.8	13.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW201	3/12/2024 9:44	48.2	36.7	0.0	15.1	-0.78	-0.77	-44.85	91.0	25.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	3/27/2024 10:40	51.5	34.6	0.2	13.7	-0.56	-0.56	-30.55	85.8	7.1	Valve Adjustment:No Change
OXMEW203	3/7/2024 15:40	0.2	0.6	21.2	78.0	-1.35	-1.34	-46.28	67.3	0.1	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW203	3/7/2024 15:49	0.0	0.1	21.3	78.6	-0.25	-0.33	-45.90	70.5	2.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW203	3/27/2024 14:06	0.0	0.2	20.9	78.9	-4.99	-4.97	-27.68	53.8	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW203	3/27/2024 14:07	0.0	0.2	20.6	79.2	-1.83	-1.82	-27.95	53.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEW204	3/6/2024 13:31	46.6	30.7	0.2	22.5	-1.96	-1.95	-41.49	78.6	1.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW204	3/26/2024 12:46	51.4	30.6	0.2	17.8	-1.90	-1.90	-29.10	68.1	1.0	Valve Adjustment:No Change,Valve 5% open
OXMEW205	3/12/2024 10:27	51.8	38.2	0.0	10.0	-0.08	-0.08	-44.52	98.3	1.8	Valve Adjustment:No Change,Valve 20% open
OXMEW205	3/25/2024 10:41	53.0	43.1	0.1	3.8	-0.03	-0.14	-34.34	103.0	12.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW209	3/6/2024 10:59	53.0	38.9	0.0	8.1	-34.68	-34.79	-42.28	134.2	61.0	Valve Adjustment:No Change,Valve 100% open
OXMEW209	3/25/2024 11:35	55.8	38.9	0.0	5.3	-29.72	-29.73	-37.25	133.7	59.7	Valve Adjustment:No Change,Valve 100% open
OXMEW210	3/6/2024 10:38	57.9	33.1	0.2	8.8	-41.32	-41.28	-43.12	122.0	1.2	Valve Adjustment:No Change,Valve 100% open
OXMEW210	3/26/2024 11:16	62.3	33.8	0.0	3.9	-27.38	-27.31	-28.38	121.7	3.2	Valve Adjustment:No Change,Valve 100% open

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW300	3/6/2024 11:41	54.5	34.4	0.6	10.5	-43.35	-43.36	-43.51	102.0	29.5	Valve Adjustment:No Change,Valve 100% open
OXMEW300	3/25/2024 11:48	55.3	36.3	1.5	6.9	-37.54	-37.50	-37.70	100.5	27.1	Valve Adjustment:No Change,Valve 100% open
OXMEW302	3/6/2024 11:20	44.2	30.7	0.1	25.0	-1.45	-1.45	-43.68	64.7	2.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	3/27/2024 10:16	58.2	35.9	2.9	3.0	-0.35	-0.35	-28.61	59.8	7.5	Valve Adjustment:No Change
OXMEW306	3/6/2024 10:48	59.3	37.6	0.9	2.2	-1.13	-1.31	-43.59	76.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW306	3/26/2024 11:30	59.9	35.4	0.9	3.8	-0.01	-0.04	-28.74	92.0	9.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW307	3/7/2024 15:25	51.1	36.1	0.8	12.0	-44.92	-45.00	-45.03	76.9	1.7	Valve Adjustment:No Change,Valve 100% open
OXMEW307	3/7/2024 15:31	57.8	37.4	0.6	4.2	-44.96	-44.97	-45.26	75.9	1.4	Valve Adjustment:No Change,Valve 100% open
OXMEW307	3/27/2024 13:39	53.2	38.7	0.7	7.4	-27.58	-27.55	-27.85	70.6	1.0	Valve Adjustment:No Change,Valve 100% open
OXMEW309	3/6/2024 10:55	46.8	33.4	0.1	19.7	-6.75	-6.71	-43.57	58.7	25.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	3/27/2024 10:23	58.0	36.5	0.6	4.9	-3.85	-3.85	-28.86	53.5	23.7	Valve Adjustment:No Change
OXMEW310	3/7/2024 10:28	51.2	36.5	0.6	11.7	-15.59	-15.59	-44.73	111.2	29.0	Valve Adjustment:No Change
OXMEW310	3/18/2024 13:12	47.1	36.2	0.6	16.1	-16.40	-15.21	-45.28	113.1	9.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	3/6/2024 11:57	57.3	37.1	0.7	4.9	-42.02	-42.21	-42.79	116.5	27.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	3/26/2024 13:36	58.0	34.6	0.5	6.9	-28.75	-28.75	-29.97	117.2	28.9	Valve Adjustment:No Change
OXMEW312	3/7/2024 10:48	49.8	37.0	0.0	13.2	-7.37	-7.31	-45.87	72.5	10.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	3/25/2024 12:20	55.6	37.7	0.6	6.1	-2.60	-2.61	-37.39	65.3	6.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW315	3/12/2024 14:07	46.4	34.1	2.1	17.4	-42.48	-43.41	-44.39	118.7	22.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXMEW315	3/25/2024 11:53	53.3	34.2	0.1	12.4	-33.99	-34.65	-35.11	119.2	18.4	Valve Adjustment:No Change,Valve 100% open
OXMEW316	3/7/2024 9:47	56.8	37.9	0.0	5.3	-40.99	-41.02	-42.16	85.4	7.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	3/20/2024 11:26	58.1	39.9	0.0	2.0	-41.81	-41.91	-43.86	98.5	11.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	3/7/2024 9:53	56.5	37.5	0.9	5.1	-43.23	-43.39	-43.33	96.5	25.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	3/20/2024 11:35	55.8	37.9	0.5	5.8	-43.78	-43.78	-43.73	94.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	3/7/2024 10:05	55.4	38.8	0.0	5.8	-4.20	-4.70	-43.94	105.2	12.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW318	3/20/2024 11:48	50.6	38.2	0.0	11.2	-5.41	-5.37	-44.62	107.8	14.7	Valve Adjustment:No Change,Valve 15% open
OXMEW319	3/7/2024 10:12	55.5	37.0	0.6	6.9	-13.82	-13.83	-44.58	102.6	12.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW319	3/18/2024 12:51	47.7	36.6	0.5	15.2	-14.09	-14.00	-44.52	104.4	14.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW320	3/12/2024 13:14	57.2	39.0	0.4	3.4	-44.21	-44.24	-44.32	116.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	3/27/2024 9:53	56.0	37.0	3.2	3.8	-28.86	-29.05	-29.01	112.7	0.0	Valve Adjustment:No Change
OXMEW322	3/7/2024 9:42	57.2	39.3	0.0	3.5	-44.76	-44.69	-45.72	114.8	21.6	Valve Adjustment:No Change,Valve 100% open
OXMEW322	3/20/2024 11:20	53.3	36.6	0.1	10.0	-45.20	-45.30	-45.78	116.0	22.1	Valve Adjustment:No Change,Valve 100% open
OXMEW323	3/12/2024 12:30	56.5	37.7	0.2	5.6	-37.59	-37.83	-40.53	109.1	9.1	Valve Adjustment:No Change,Valve 100% open
OXMEW323	3/18/2024 14:29	55.7	39.4	0.1	4.8	-42.12	-41.82	-44.69	109.0	7.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW328	3/8/2024 8:43	57.4	39.2	0.1	3.3	-31.33	-32.44	-31.18	57.8	10.4	Valve Adjustment:Opened valve 1/2 turn or less

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		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW328	3/18/2024 12:02	57.9	40.9	0.2	1.0	-31.40	-31.51	-31.96	67.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	3/7/2024 15:17	53.9	40.3	0.2	5.6	-42.46	-42.48	-42.67	63.0	N/A	Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	3/27/2024 13:30	56.0	41.6	2.4	0.0	-25.95	-26.27	-26.41	51.6	N/A	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	3/11/2024 10:57	57.9	40.2	0.4	1.5	-36.77	-37.41	-43.33	61.8	47.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	3/20/2024 14:22	55.2	41.5	0.1	3.2	-47.31	-47.38	-48.11	65.1	14.7	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	3/11/2024 11:00	57.6	39.7	0.7	2.0	-42.19	-42.20	-43.75	58.7	9.9	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	3/20/2024 14:14	55.9	39.8	0.1	4.2	-47.59	-47.54	-47.74	66.7	5.3	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	3/20/2024 14:18	55.3	42.6	0.1	2.0	-47.77	-47.76	-47.84	68.8	2.0	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	3/11/2024 9:35	54.2	39.4	0.5	5.9	-6.59	-6.64	-45.19	61.2	0.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW08	3/18/2024 9:47	44.4	30.5	4.0	21.1	-8.52	-8.52	-48.41	64.8	0.3	Valve Adjustment:No Change,Valve at minimum position
OXMEWW18	3/11/2024 11:20	54.7	37.7	0.1	7.5	-41.45	-41.35	-42.33	64.6	1.9	Valve Adjustment:No Change,Valve 100% open
OXMEWW18	3/20/2024 14:05	52.9	36.9	0.2	10.0	-45.26	-45.38	-46.10	73.1	1.8	Valve Adjustment:No Change,Valve 100% open
OXMEWW1G	3/11/2024 10:53	56.6	38.3	0.1	5.0	-41.98	-42.08	-43.28	71.0	2.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEWW1G	3/20/2024 13:08	58.3	40.0	0.1	1.6	-45.67	-46.18	-47.47	73.4	3.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEWW1G	3/20/2024 13:15	57.7	38.9	0.1	3.3	-45.38	-45.94	-47.22	72.9	3.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXMEWW1S	3/11/2024 11:12	53.3	36.5	0.5	9.7	-24.40	-24.61	-40.35	63.1	17.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	3/20/2024 13:54	55.0	36.4	0.6	8.0	-26.83	-26.86	-44.30	65.4	20.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	3/6/2024 8:51	56.2	37.5	0.8	5.5	-45.55	-45.66	-46.57	82.4	8.2	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	3/20/2024 14:37	55.2	35.8	0.2	8.8	-48.01	-48.02	-48.87	90.9	8.0	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	3/6/2024 8:48	50.1	34.8	0.8	14.3	-46.46	-46.49	-46.88	52.6	6.9	Valve Adjustment:No Change
OXMHCF04	3/20/2024 14:35	56.5	42.4	1.1	0.0	-49.19	-49.21	-49.31	74.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW30	3/11/2024 10:28	56.0	42.2	0.0	1.8	-45.43	-45.41	-45.48	58.6	0.8	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	3/17/2024 14:41	55.8	42.7	0.8	0.7	-48.01	-47.98	-48.48	62.8	2.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	3/11/2024 10:38	56.2	31.6	0.2	12.0	-45.73	-45.73	-45.73	63.0	4.5	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	3/17/2024 14:48	52.6	36.2	0.2	11.0	-47.94	-47.97	-48.29	64.5	1.7	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	3/5/2024 10:39	54.0	37.6	1.5	6.9	-47.20	-47.38	-47.89	52.3	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMPEW32	3/17/2024 13:42	55.0	39.5	1.1	4.4	-47.57	-47.63	-48.25	68.6	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMPEW33	3/11/2024 9:48	54.6	36.8	0.0	8.6	-20.49	-23.63	-44.80	73.8	11.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMPEW33	3/17/2024 14:05	51.1	36.2	0.1	12.6	-27.42	-27.43	-48.92	75.4	15.0	Valve Adjustment:No Change,Valve 20% open
<b>OXMPEW35</b>	3/11/2024 10:09	51.3	39.3	0.9	8.5	-36.99	-36.91	-38.11	117.7	17.2	Valve Adjustment:No Change
<b>OXMPEW35</b>	3/17/2024 14:30	45.0	38.0	1.2	15.8	-40.26	-40.14	-44.06	116.8	18.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW44	3/11/2024 11:15	56.6	38.9	0.5	4.0	-43.89	-43.89	-43.69	61.9	0.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	3/20/2024 13:56	57.0	39.2	0.3	3.5	-47.99	-47.97	-48.02	70.1	2.7	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	3/20/2024 14:01	51.6	38.5	1.8	8.1	-48.10	-48.02	-48.02	71.3	2.6	Valve Adjustment:No Change,Valve 100% open



OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - March 4, 5, 6, 7, 8, 11, 12, 13, 15, 17, 18, 19, 20, 25, 26, 27, and 28, 2024.

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..	Deg. F.	scfm	
OXSS2032	3/13/2024 10:26	57.8	36.3	0.1	5.8	-3.13	-3.27	-34.65	68.8	36.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXSS2032	3/20/2024 9:26	54.0	39.4	0.1	6.5	-4.04	-4.18	-34.95	70.0	37.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXSS2033	3/13/2024 9:51	59.1	38.0	0.5	2.4	-34.71	-34.77	-38.62	55.2	38.8	Valve Adjustment:No Change,Valve 100% open
OXSS2033	3/26/2024 15:00	58.9	36.4	0.3	4.4	-22.25	-22.06	-25.51	71.9	27.8	Valve Adjustment:No Change,Valve 100% open
OXSS2034	3/13/2024 9:48	55.6	35.6	0.2	8.6	-34.80	-34.86	-33.80	54.8	6.7	Valve Adjustment:No Change,Valve 100% open
OXSS2034	3/26/2024 14:58	59.6	37.8	0.3	2.3	-22.01	-22.04	-21.98	70.8	3.5	Valve Adjustment:No Change,Valve 100% open
OXSS2215	3/13/2024 11:58	57.4	39.8	0.5	2.3	-0.17	-0.21	-37.50	67.3	7.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2215	3/17/2024 11:06	57.1	40.2	2.0	0.7	-0.21	-0.25	-42.86	69.3	7.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXSS2216	3/11/2024 12:47	56.0	35.2	0.1	8.7	-0.03	-0.20	-42.75	61.3	11.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXSS2216	3/17/2024 11:40	48.4	37.5	4.0	10.1	-1.67	-1.73	-45.78	62.8	12.1	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 AAAA 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, OXMPFW35

≤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, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS05, OXLCRS06, OXLCRS07, ~~OXMEWHC6, OXMTBTC1, OXMEWH47, 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, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS05, OXLCRS06, and 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, 2023 THROUGH MARCH 31, 2024 WELLFIELD DEVIATION LOG**

**REPORT PREPARED BY:** Tetra Tech  
**UPDATED DATE:** 4/1/2024  
**LFG MONITORING DEVICE:** GEM & Elkins Earthworks  
**MODEL:** 2000 & Envision  
**DATE LAST CALIBRATED:** DAILY

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
OMTLTS08	11/13/2023 13:54	0.3	2.8	21.7	75.2	-0.02	63.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS08	11/13/2023 13:55	0.1	0.6	22.1	77.2	-0.02	65.7	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS08	11/21/2023 12:51	0.1	0.0	20.7	79.2	-0.05	70.5	Valve Adjustment: No Change, Valve at minimum position	
OMTLTS08	11/21/2023 12:52	0.1	0.1	20.4	79.4	-0.03	68.3	Valve Adjustment: NSPS, Valve at minimum position	
OMTLTS08	12/1/2023 12:54	1.4	2.9	17.2	78.5	-0.67	76.1	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS08	12/1/2023 12:58	4.2	6.1	14.7	75.0	-0.65	77.5	Valve Adjustment: No Change	<b>18</b>

Comments: An oxygen exceedance was detected at OMTLTS08 on November 13, 2023. 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 December 1, 2023, 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).

OMTLTS08	2/15/2024 10:20	0.0	0.2	21.8	78.0	-38.97	63.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS08	2/15/2024 10:22	0.0	0.0	21.9	78.1	-4.55	62.1	Valve Adjustment: NSPS, Valve at minimum position	
OMTLTS08	2/27/2024 14:44	0.5	7.4	18.6	73.5	-0.09	69.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS08	2/27/2024 14:45	0.4	5.8	19.0	74.8	-0.17	70.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS08	3/6/2024 13:55	16.9	13.9	19.4	49.8	-0.13	55.4	Valve Adjustment: NSPS, No Change, Valve at minimum position	
OMTLTS08	3/6/2024 13:56	2.8	5.6	19.7	71.9	-0.18	55.5	Valve Adjustment: NSPS, No Change	
OMTLTS08	3/26/2024 13:21	19.5	11.9	8.9	59.7	-0.43	65.2	Valve Adjustment: Valve at minimum position, Opened valve >10%	<b>40</b>

Comments: An oxygen exceedance was detected at OMTLTS08 on February 15, 2024. 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 March 26, 2024, 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).

OMTLTS11	11/13/2023 14:10	3.7	7.2	19.4	69.7	-0.13	61.3	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS11	11/13/2023 14:11	2.7	4.2	20.2	72.9	-0.12	61.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS11	11/21/2023 13:30	11.4	14.4	7.1	67.1	-0.26	69.7	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	<b>8</b>

Comments: An oxygen exceedance was detected at OMTLTS11 on November 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 November 21, 2023, and no further exceedance was detected. Well OMTLTS11 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).

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
OMTLTS16	11/13/2023 14:31	2.8	3.8	17.6	75.8	-0.25	67.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS16	11/13/2023 14:32	3.0	4.3	17.5	75.2	-0.25	67.4	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS16	11/21/2023 13:39	4.2	8.5	14.9	72.4	-0.32	69.4	Valve Adjustment: No Change, Valve at minimum position	8
Comments: An oxygen exceedance was detected at OMTLTS16 on November 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 November 21, 2023, and no further exceedance was detected. Well OMTLTS16 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).									
OXEW133B	11/29/2023 10:17	0.0	0.0	22.0	78.0	-34.45	95.3	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW133B	11/29/2023 10:19	0.0	0.0	22.0	78.0	-12.13	93.8	Valve Adjustment: NSPS, No Change	
OXEW133B	12/7/2023 13:21	45.4	38.9	4.5	11.2	-0.39	79.6	Valve Adjustment: No Change	8
Comments: An oxygen exceedance was detected at OXEW133B on November 29, 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 December 7, 2023, and no further exceedance was detected.									
OXEW133B	1/4/2024 9:08	1.9	11.4	10.6	76.1	-8.65	62.5	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW133B	1/4/2024 9:15	1.7	11.7	9.9	76.7	-8.44	62.3	Valve Adjustment: Closed valve 1/2 turn or less	
OXEW133B	1/16/2024 9:06	7.4	16.5	4.9	71.2	-6.32	59.8	Valve Adjustment: Closed valve 1/2 turn or less	12
Comments: An oxygen exceedance was detected at OXEW133B on January 4, 2024. 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 16, 2024, and no further exceedance was detected.									
OXEW133B	2/27/2024 13:56	2.6	4.3	16.1	77.0	-6.36	68.7	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXEW133B	2/27/2024 13:58	8.1	16.0	6.0	69.9	-7.35	66.4	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW133B	3/7/2024 11:15	49.7	38.7	2.4	9.2	-9.37	62.0	Valve Adjustment: Closed valve 1/2 turn or less	9
Comments: An oxygen exceedance was detected at OXEW133B on February 27, 2024. 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, 2024, and no further exceedance was detected.									
OXEW134A	11/29/2023 10:11	36.8	31.0	6.5	25.7	-7.16	68.9	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW134A	11/29/2023 10:12	33.3	25.7	7.3	33.7	-6.67	69.2	Valve Adjustment: NSPS, No Change	
OXEW134A	12/7/2023 13:20	56.2	42.7	1.1	0.0	-10.61	64.2	Valve Adjustment: No Change	8
Comments: An oxygen exceedance was detected at OXEW134A on November 29, 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 December 7, 2023, and no further exceedance was detected.									
OXEW134B	11/11/2023 9:42	0.0	0.0	22.3	77.7	-22.03	79.1	Valve Adjustment: Closed valve 1/2 turn or less	
OXEW134B	11/11/2023 9:48	40.6	35.9	4.9	18.6	-3.71	80.4	Valve Adjustment: No Change	<1
Comments: An oxygen exceedance was detected at OXEW134B on November 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.									
OXEW1611	12/13/2023 11:41	40.4	30.0	6.4	23.2	-9.52	64.1	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1611	12/13/2023 11:45	45.0	32.7	4.9	17.4	-10.51	64.2	Valve Adjustment: No Change, Valve at minimum position	<1
Comments: An oxygen exceedance was detected at OXEW1611 on December 13, 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
OXEW1611	1/8/2024 10:35	27.0	19.2	11.3	42.5	-14.25	60.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	
OXEW1611	1/8/2024 10:36	23.6	19.1	14.5	42.8	-12.42	60.5	Valve Adjustment:NSPS,No Change,Valve at minimum position	
OXEW1611	1/16/2024 10:30	50.2	35.8	1.8	12.2	-5.79	55.2	Valve Adjustment:No Change,Valve at minimum position	8
Comments: An oxygen exceedance was detected at OXEW1611 on January 8, 2024. 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 16, 2024, and no further exceedance was detected.									
OXEW1717	2/10/2024 12:40	12.9	7.2	13.8	66.1	-18.86	98.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 15% open	
OXEW1717	2/10/2024 12:44	9.0	5.1	15.7	70.2	-14.47	97.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open	
OXEW1717	2/21/2024 13:48	53.3	33.6	1.0	12.1	-37.77	75.0	Valve Adjustment:Opened valve 1/2 turn or less	11
Comments: An oxygen exceedance was detected at OXEW1717 on February 10, 2024. 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 February 21, 2024, and no further exceedance was detected.									
OXEW1810	12/13/2023 14:10	30.6	19.5	9.0	40.9	-17.01	69.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXEW1810	12/13/2023 14:20	32.0	20.3	8.6	39.1	-24.25	64.7	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less	
OXEW1810	12/18/2023 10:21	46.8	31.0	1.4	20.8	-4.61	61.8	Valve Adjustment:No Change,Valve at minimum position	5
Comments: An oxygen exceedance was detected at OXEW1810 on December 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 December 18, 2023, and no further exceedance was detected.									
OXEW1810	1/10/2024 11:40	5.2	4.6	14.5	75.7	-1.76	53.4	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less	
OXEW1810	1/10/2024 12:26	2.1	2.6	17.2	78.1	-0.82	52.7	Valve Adjustment:NSPS,Valve at minimum position	
OXEW1810	1/22/2024 12:33	3.1	4.6	16.0	76.3	-1.50	61.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	
OXEW1810	1/22/2024 12:34	2.6	3.5	16.7	77.2	-0.48	61.5	Valve Adjustment:NSPS,No Change,Valve at minimum position	
OXEW1810	2/1/2024 12:18	33.1	20.3	0.8	45.8	-0.62	62.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	22
Comments: An oxygen exceedance was detected at OXEW1810 on January 10, 2024. 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 February 1, 2024, and no further exceedance was detected.									
OXEW1913	1/4/2024 12:15	24.2	23.9	5.4	46.5	-5.76	125.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open	
OXEW1913	1/4/2024 12:25	20.7	21.6	5.9	51.8	-5.71	124.4	Valve Adjustment:NSPS,Valve 15% open	
OXEW1913	1/16/2024 9:21	42.0	32.7	4.7	20.6	-6.99	117.5	Valve Adjustment:No Change,Valve 20% open	12
Comments: An oxygen exceedance was detected at OXEW1913 on January 4, 2024. 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 16, 2024, and no further exceedance was detected.									
OXEW1915	12/6/2023 12:01	42.4	32.3	6.1	19.2	-2.12	59.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXEW1915	12/6/2023 12:07	36.7	28.8	8.1	26.4	-3.05	59.4	Valve Adjustment:NSPS,Closed valve 1/2 turn or less	
OXEW1915	12/14/2023 14:30	42.1	37.6	0.4	19.9	-3.90	59.4	Valve Adjustment:No Change,Valve at minimum position	8
Comments: An oxygen exceedance was detected at OXEW1915 on December 6, 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 December 14, 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 in. wc.	Initial Temperature Deg. F.	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period Days
		%	%	%	%				
OXEW2010	12/6/2023 10:43	17.1	22.7	6.4	53.8	-44.17	81.5	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW2010	12/6/2023 10:44	16.6	22.5	6.5	54.4	-38.58	81.3	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXEW2010	12/15/2023 13:21	18.4	21.1	7.5	53.0	-38.98	83.9	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position	
OXEW2010	12/15/2023 13:23	18.8	21.6	7.2	52.4	-36.39	83.9	Valve Adjustment: No Change, Valve at minimum position	
OXEW2010	1/5/2024 10:13	28.8	28.7	4.4	38.1	-41.35	82.7	Valve Adjustment: Closed valve 1/2 turn or less	30
Comments: An oxygen exceedance was detected at OXEW2010 on December 6, 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 5, 2024, and no further exceedance was detected.									
OXEW2017	10/19/2023 12:59	48.6	37.5	1.0	12.9	-18.13	131.0	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 35% open	
OXEW2017	10/19/2023 13:04	47.2	36.7	1.3	14.8	-9.79	130.4	Valve Adjustment: Closed valve 1/2 turn or less, Valve 30% open	<1
Comments: A temperature exceedance was detected at OXEW2017 on October 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.									
OXEW2021	12/6/2023 11:31	32.3	25.3	6.6	35.8	-0.73	67.7	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW2021	12/6/2023 11:34	32.1	25.7	6.6	35.6	-0.46	67.3	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW2021	12/18/2023 10:53	59.3	40.6	0.0	0.1	-0.05	60.4	Valve Adjustment: Opened valve 1/2 turn or less	12
Comments: An oxygen exceedance was detected at OXEW2021 on December 6, 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 December 18, 2023, and no further exceedance was detected.									
OXEW2021	1/12/2024 7:37	25.6	21.9	8.3	44.2	-1.40	49.9	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW2021	1/12/2024 7:40	25.5	21.5	8.4	44.6	-0.80	47.1	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXEW2021	1/23/2024 13:19	52.2	34.5	1.1	12.2	-4.44	79.0	Valve Adjustment: No Change, Valve 20% open	11
Comments: An oxygen exceedance was detected at OXEW2021 on January 12, 2024. 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, 2024, and no further exceedance was detected.									
OXEW2027	3/13/2024 14:00	40.2	27.9	6.5	25.4	-35.42	68.9	Valve Adjustment: Closed valve 1/2 turn or less, Valve 80% open	
OXEW2027	3/13/2024 14:03	42.8	29.7	5.7	21.8	-34.90	69.0	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 70% open	
OXEW2027	3/25/2024 13:23	58.5	37.6	1.4	2.5	-33.99	55.3	Valve Adjustment: Valve 100% open, Opened valve 1/2 turn or less	12
Comments: An oxygen exceedance was detected at OXEW2027 on March 13, 2024. 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 25, 2024, and no further exceedance was detected.									
OXEW2109	12/6/2023 9:19	54.8	43.0	0.0	2.2	5.34	53.4	Valve Adjustment: NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less	
OXEW2109	12/6/2023 9:21	57.0	41.9	0.0	1.1	-0.69	59.2	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	<1
Comments: A pressure exceedance was detected at OXEW2109 on December 6, 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
OXHC2101	8/18/2023 9:40	26.5	22.3	8.1	43.1	-0.01	103.1	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less	
OXHC2101	8/18/2023 9:41	26.7	22.8	8.1	42.4	-0.01	102.8	Valve Adjustment:NSPS,Valve at minimum position	
OXHC2101	8/31/2023 14:49	21.1	15.8	10.9	52.2	-0.20	105.8	Valve Adjustment: NSPS/CAI,Closed valve 1/2 turn or less, Valve 25% open	
OXHC2101	8/31/2023 14:51	21.1	16.6	10.9	51.4	-0.10	105.8	Valve Adjustment: No Change	
OXHC2101	9/15/2023 11:00	17.6	15.2	12.3	54.9	-0.05	105.5	Valve Adjustment: NSPS/CAI,Valve at minimum position, Closed valve 1/2 turn or less	
OXHC2101	9/15/2023 11:01	18.0	14.8	12.3	54.9	-0.12	105.5	Valve Adjustment: No Change	
OXHC2101	9/27/2023 11:44	20.4	15.9	11.3	52.4	-0.10	107.0	Valve Adjustment: NSPS/CAI,Valve at minimum position, Closed valve 1/2 turn or less	
OXHC2101	9/27/2023 11:47	20.2	15.2	11.3	53.3	-0.08	107.0	Valve Adjustment:NSPS,Valve 35% open	
OXHC2101	10/6/2023 8:28	27.7	24.5	8.6	39.2	-0.04	104.8	Valve Adjustment:NSPS,Valve 35% open	
OXHC2101	10/6/2023 9:29	39.5	33.0	4.9	22.6	0.01	88.7	Valve Adjustment:NSPS,Valve 35% open	
OXHC2101	10/6/2023 9:31	39.8	33.1	4.8	22.3	-0.01	89.3	Valve Adjustment:NSPS,Valve 35% open	49
Comments: An oxygen exceedance was detected at OXHC2101 on August 18, 2023. 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 October 6, 2023, 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 exceedances were detected.									
OXHC2101	11/13/2023 14:51	28.6	23.1	8.2	40.1	-0.04	100.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXHC2101	11/13/2023 14:54	27.5	23.0	8.3	41.2	-0.03	94.7	Valve Adjustment:No Change	
OXHC2101	11/21/2023 13:50	29.9	26.4	7.0	36.7	-0.04	100.0	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position	
OXHC2101	11/21/2023 14:04	26.9	24.5	7.7	40.9	-0.42	105.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open	
OXHC2101	12/13/2023 11:17	22.2	20.0	10.9	46.9	-0.17	100.1	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position	
OXHC2101	12/13/2023 11:24	20.6	18.0	11.6	49.8	-0.08	97.8	Valve Adjustment:NSPS,No Change	
OXHC2101	12/21/2023 10:59	46.2	32.0	3.2	18.6	-0.05	95.1	Valve Adjustment:No Change,Valve 10% open	38
Comments: An oxygen exceedance was detected at OXHC2101 on November 13, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the dates noted above but the well remained in exceedance. The well was re-monitored on December 21, 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 in. wc.	Initial Temperature Deg. F.	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period Days
OXLCR4B1	9/15/2023 7:35	0.0	0.1	21.9	78.0	-1.74	57.4	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCR4B1	9/15/2023 7:37	0.0	0.1	21.8	78.1	-1.69	57.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCR4B1	9/26/2023 11:16	17.1	16.5	20.4	46.0	-2.36	75.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCR4B1	9/26/2023 11:17	0.2	0.4	21.4	78.0	-2.24	80.2	Valve Adjustment: NSPS, No Change	
OXLCR4B1	10/11/2023 12:27	0.0	0.0	20.8	79.2	-1.02	87.4	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCR4B1	10/11/2023 12:28	0.0	0.0	20.8	79.2	-0.96	86.6	Valve Adjustment: No Change, Valve at minimum position	
OXLCR4B1	10/17/2023 10:47	0.0	0.0	21.2	78.8	-1.30	84.0	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCR4B1	10/17/2023 10:48	0.0	0.0	21.1	78.9	-1.35	84.3	Valve Adjustment: No Change, Valve at minimum position	
OXLCR4B1	11/14/2023 12:52	47.4	35.9	1.2	15.5	-1.84	77.1	Valve Adjustment: No Change, Valve at minimum position	60
Comments: An oxygen exceedance was detected at OXLCR4B1 on September 15, 2023. 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 14, 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 18(b)(i).									
OXLCRS07	8/8/2023 14:32	6.7	6.1	16.8	70.4	-2.65	71.5	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS07	8/8/2023 14:37	4.8	4.2	18.0	73.0	-1.88	71.7	Valve Adjustment: No Change, Valve at minimum position	
OXLCRS07	8/18/2023 10:17	6.3	6.4	17.4	69.9	-9.67	81.1	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS07	8/18/2023 10:18	4.7	5.8	20.0	69.5	-0.79	78.3	Valve Adjustment: NSPS, Valve at minimum position	
OXLCRS07	9/15/2023 10:28	5.4	4.6	18.5	71.5	-2.43	70.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS07	9/15/2023 10:31	0.1	0.2	21.8	77.9	-0.30	68.2	Valve Adjustment: NSPS, Valve at minimum position	
OXLCRS07	9/27/2023 12:41	8.4	6.6	16.0	69.0	-4.09	87.8	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS07	9/27/2023 12:43	8.5	6.6	15.9	69.0	-4.22	87.9	Valve Adjustment: NSPS, No Change	
OXLCRS07	10/6/2023 9:12	44.0	33.2	11.5	11.3	-0.57	88.1	Valve Adjustment: No Change, Valve 15% open	59
Comments: An oxygen exceedance was detected at OXLCRS07 on August 8, 2023. 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 October 6, 2023, and no exceedance was detected. Well OXLCRS07 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).									



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
OXLCRS07	10/21/2023 8:56	7.7	6.6	17.2	68.5	-14.38	87.5	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXLCRS07	10/21/2023 9:01	7.3	7.2	17.2	68.3	-13.89	87.6	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS07	11/3/2023 8:59	43.9	30.2	11.3	14.6	-7.45	84.2	Valve Adjustment: No Change, Valve 10% open	13
Comments: An oxygen exceedance was detected at OXLCRS07 on October 21, 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 November 3, 2023, and no further exceedance was detected. Well OXLCRS07 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).									
OXLCRS07	12/21/2023 9:50	12.7	9.9	15.5	61.9	-10.04	83.3	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXLCRS07	12/21/2023 9:53	7.7	6.2	17.8	68.3	-6.40	74.6	Valve Adjustment: NSPS, No Change	
OXLCRS07	1/2/2024 12:34	3.9	4.9	16.2	75.0	-8.75	81.5	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS07	1/2/2024 12:37	3.9	5.0	16.1	75.0	-4.99	80.6	Valve Adjustment: NSPS, No Change	
OXLCRS07	1/18/2024 10:53	46.9	34.4	9.1	9.6	-44.06	55.4	Valve Adjustment: No Change, Valve 10% open	28
Comments: An oxygen exceedance was detected at OXLCRS07 on December 21, 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 18, 2024, and no further exceedance was detected. Well OXLCRS07 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).									
OXLCRS3A	9/15/2023 7:59	0.3	0.2	21.3	78.2	-47.32	57.9	Valve Adjustment: NSPS/CAI, Closed valve >1 turn	
OXLCRS3A	9/15/2023 8:00	0.1	0.3	21.3	78.3	-48.03	58.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	9/26/2023 10:09	14.9	5.1	17.4	62.6	-18.19	72.9	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	9/26/2023 10:10	14.6	5.2	17.6	62.6	-17.63	73.9	Valve Adjustment: NSPS, No Change	
OXLCRS3A	10/10/2023 15:21	17.6	5.8	17.0	59.6	-17.66	73.1	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	10/10/2023 15:28	23.1	8.0	14.9	54.0	-40.00	72.8	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	10/12/2023 13:10	34.9	9.4	10.8	44.9	-43.31	85.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	10/12/2023 13:15	60.3	15.8	4.8	19.1	-42.18	86.0	Valve Adjustment: No Change, Valve at minimum position	27
Comments: An oxygen exceedance was detected at OXLCRS3A on September 15, 2023. 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 October 12, 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 in. wc.	Initial Temperature Deg. F.	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period Days
OXLCRS3A	11/13/2023 13:41	1.6	4.2	20.9	73.3	-0.02	67.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	11/13/2023 13:42	1.3	3.5	21.0	74.2	-0.01	68.4	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	11/21/2023 13:03	0.0	0.0	21.0	79.0	-5.80	64.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	11/21/2023 13:04	0.0	0.0	21.0	79.0	-5.46	64.4	Valve Adjustment: NSPS, No Change	
OXLCRS3A	12/1/2023 13:36	46.3	30.1	3.6	20.0	-0.49	66.1	Valve Adjustment: No Change, Valve at minimum position	18
Comments: An oxygen exceedance was detected at OXLCRS3A on November 13, 2023. 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 December 1, 2023, and no further exceedance was detected.									
OXLCRS3A	12/21/2023 8:51	17.8	13.7	15.3	53.2	-11.14	57.9	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	12/21/2023 8:52	15.8	11.3	14.8	58.1	-11.27	57.9	Valve Adjustment: No Change, Valve at minimum position	
OXLCRS3A	1/3/2024 9:51	18.2	19.7	15.7	46.4	-44.09	55.4	Valve Adjustment: NSPS, No Change, Valve at minimum position	
OXLCRS3A	1/3/2024 9:53	19.7	13.5	13.4	53.4	-43.91	60.8	Valve Adjustment: NSPS, No Change	
OXLCRS3A	1/30/2024 9:22	34.8	26.3	6.9	32.0	-47.62	63.7	Valve Adjustment: No Change, Valve at minimum position	
OXLCRS3A	1/30/2024 9:28	39.1	29.1	3.2	28.6	-47.66	63.6	Valve Adjustment: No Change, Valve at minimum position	40
Comments: An oxygen exceedance was detected at OXLCRS3A on December 21, 2023. 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 30, 2024, and no further exceedance was detected.									
OXLCRS3A	2/26/2024 15:31	28.3	18.7	7.9	45.1	-2.73	71.3	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	2/26/2024 15:32	13.5	16.9	14.4	55.2	-17.76	71.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	3/4/2024 10:23	36.5	33.4	4.8	25.3	-31.32	74.0	Valve Adjustment: No Change, Valve 100% open	7
Comments: An oxygen exceedance was detected at OXLCRS3A on February 26, 2024. 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 4, 2024, and no further exceedance was detected.									
OXLCRS3A	3/19/2024 9:08	26.6	20.8	10.1	42.5	-32.66	53.8	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	3/19/2024 9:10	1.7	6.4	21.0	70.9	-33.00	54.0	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3A	3/26/2024 13:04	59.7	15.6	3.2	21.5	-29.77	63.2	Valve Adjustment: No Change, Valve at minimum position	7
Comments: An oxygen exceedance was detected at OXLCRS3A on March 19, 2024. 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 26, 2024, 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
OXLCRS3B	9/15/2023 7:56	0.3	0.2	21.3	78.2	-46.95	57.9	Valve Adjustment: NSPS/CAI,Closed valve >1 turn	
OXLCRS3B	9/15/2023 7:56	0.3	0.2	21.2	78.3	-48.98	57.9	Valve Adjustment: NSPS/CAI,Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3B	9/26/2023 10:04	20.4	7.1	15.6	56.9	-27.67	74.0	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3B	9/26/2023 10:06	25.3	9.1	14.1	51.5	-28.17	74.7	Valve Adjustment:NSPS,Valve at minimum position	
OXLCRS3B	10/10/2023 15:29	22.5	7.7	18.0	51.8	-31.48	72.5	Valve Adjustment:NSPS,Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3B	10/10/2023 15:32	23.4	8.1	14.7	53.8	-32.15	75.5	Valve Adjustment:NSPS,Valve at minimum position	
OXLCRS3B	10/12/2023 12:48	48.1	13.1	8.0	30.8	-17.20	88.3	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3B	10/12/2023 13:03	60.5	16.4	4.8	18.3	34.88	91.7	Valve Adjustment:Valve at minimum position, Opened valve 1/2 turn or less	
OXLCRS3B	10/12/2023 13:04	71.3	17.3	2.2	9.2	-18.47	90.6	Valve Adjustment: No Change,Valve at minimum position	27
Comments: An oxygen exceedance was detected at OXLCRS3B on September 15, 2023. 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 October 12, 2023, and no further oxygen exceedance was detected but a additional pressure exceedance was detected. The well was adjusted and re-monitored on the same day and no further exceedances were detected.									
OXLCRS3B	11/13/2023 13:38	2.3	7.5	20.4	69.8	-0.02	76.5	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXLCRS3B	11/13/2023 13:39	2.0	5.6	20.5	71.9	-0.04	76.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXLCRS3B	11/21/2023 12:57	0.0	0.0	20.9	79.1	-0.04	66.3	Valve Adjustment:NSPS/CAI,Valve at minimum position	
OXLCRS3B	11/21/2023 13:00	0.0	0.0	20.9	79.1	-29.55	67.3	Valve Adjustment:NSPS,No Change	
OXLCRS3B	12/1/2023 13:31	54.0	39.3	0.8	5.9	-13.88	76.1	Valve Adjustment:No Change,Valve at minimum position	18
Comments: An oxygen exceedance was detected at OXLCRS3B on November 13, 2023. 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 December 1, 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.		Days
OXLCRS3B	1/30/2024 9:30	7.2	10.0	18.9	63.9	-47.62	62.2	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position	
OXLCRS3B	1/30/2024 9:32	17.9	13.1	12.6	56.4	-47.84	62.5	Valve Adjustment: No Change, Valve at minimum position	
OXLCRS3B	2/8/2024 13:56	40.2	27.9	4.9	27.0	-5.96	60.2	Valve Adjustment: No Change, Valve at minimum position	9
Comments: An oxygen exceedance was detected at OXLCRS3B on January 30, 2024. 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 February 8, 2024, and no further exceedance was detected.									
OXLCRS3B	2/26/2024 15:25	23.0	18.1	10.5	48.4	-26.62	74.4	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXLCRS3B	2/26/2024 15:27	22.8	18.0	12.6	46.6	-0.06	70.3	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3B	3/4/2024 10:16	36.8	36.6	4.1	22.5	-25.99	77.1	Valve Adjustment: No Change, Valve 100% open	7
Comments: An oxygen exceedance was detected at OXLCRS3B on February 26, 2024. 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 4, 2024, and no further exceedance was detected.									
OXLCRS3B	3/19/2024 9:00	19.2	18.3	15.9	46.6	-29.13	54.4	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS3B	3/19/2024 9:03	24.1	11.3	14.7	49.9	-30.27	54.5	Valve Adjustment: NSPS, No Change, Valve at minimum position	
OXLCRS3B	3/20/2024 10:24	56.8	18.0	4.9	20.3	-47.00	77.5	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	1
Comments: An oxygen exceedance was detected at OXLCRS3B on March 19, 2024. 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, 2024, 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
OXLCRS7B	8/8/2023 14:28	6.6	6.2	17.2	70.0	-3.39	72.1	Valve Adjustment: NSPS/CAI,Valve at minimum position	
OXLCRS7B	8/8/2023 14:29	4.5	5.6	19.3	70.6	-1.69	70.3	Valve Adjustment: No Change,Valve at minimum position	
OXLCRS7B	8/18/2023 10:22	0.0	0.1	21.6	78.3	-35.62	75.9	Valve Adjustment: NSPS/CAI,Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS7B	8/18/2023 10:26	0.0	0.1	21.6	78.3	-35.48	74.4	Valve Adjustment: No Change,Valve at minimum position	
OXLCRS7B	9/15/2023 10:18	12.5	15.6	19.2	52.7	-35.33	60.9	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS7B	9/15/2023 10:19	3.1	8.5	19.0	69.4	-34.91	67.3	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS7B	9/27/2023 12:34	26.3	24.3	18.2	31.2	-35.87	85.2	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS7B	9/27/2023 12:37	0.4	1.8	20.4	77.4	-34.43	87.1	Valve Adjustment:NSPS,No Change	
OXLCRS7B	10/6/2023 9:17	7.2	6.9	16.6	69.3	-2.23	83.5	Valve Adjustment: NSPS/CAI,Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS7B	10/6/2023 9:20	7.3	7.6	16.4	68.7	-1.76	85.8	Valve Adjustment:NSPS,Valve at minimum position	
OXLCRS7B	10/12/2023 13:36	7.2	6.9	16.2	69.7	-2.05	84.8	Valve Adjustment: NSPS/CAI,Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS7B	10/12/2023 13:45	7.6	7.5	16.0	68.9	-1.71	87.8	Valve Adjustment: No Change,Valve at minimum position	
OXLCRS7B	10/13/2023 14:37	5.4	5.2	17.6	71.8	-3.01	70.5	Valve Adjustment: No Change,Valve at minimum position	
OXLCRS7B	10/13/2023 14:39	2.3	3.1	21.3	73.3	-2.23	70.8	Valve Adjustment:Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS7B	10/18/2023 15:28	2.2	3.0	20.6	74.2	0.00	96.7	Valve Adjustment: NSPS/CAI,No Change,Valve at minimum position	
OXLCRS7B	10/18/2023 15:30	0.8	1.7	20.8	76.7	0.00	96.9	Valve Adjustment: NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXLCRS7B	10/18/2023 15:31	0.1	0.9	20.3	78.7	-1.30	97.7	Valve Adjustment: No Change,Valve at minimum position	
OXLCRS7B	11/13/2023 14:38	7.8	11.5	19.1	61.6	-2.12	60.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXLCRS7B	11/13/2023 14:40	0.3	1.2	21.0	77.5	-1.27	61.2	Valve Adjustment:No Change,Valve at minimum position	
OXLCRS7B	11/15/2023 8:31	7.2	7.1	17.2	68.5	-1.52	60.0	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position	
OXLCRS7B	11/15/2023 8:41	6.9	6.6	17.3	69.2	-10.71	71.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXLCRS7B	11/22/2023 9:06	46.9	38.5	2.0	12.6	-10.01	78.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	106

Comments: An oxygen exceedance was detected at OXLCRS7B on August 8, 2023. 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 October 18, 2023, and a additional pressure exceedance was detected. 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 November 11, 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 in. wc.	Initial Temperature Deg. F.	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period Days
OXLCRS7B	12/21/2023 9:44	8.0	9.8	15.2	67.0	-10.09	65.7	Valve Adjustment: NSPS/CAI, Valve at minimum position	
OXLCRS7B	12/21/2023 9:46	0.2	1.6	22.2	76.0	-7.25	60.8	Valve Adjustment: NSPS, Valve at minimum position	
OXLCRS7B	1/2/2024 12:30	3.8	4.8	16.3	75.1	-6.40	65.9	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS7B	1/2/2024 12:31	3.8	4.9	15.9	75.4	-7.37	69.8	Valve Adjustment: NSPS, No Change	
OXLCRS7B	1/18/2024 10:52	53.1	35.3	0.3	11.3	-44.08	55.9	Valve Adjustment: No Change, Valve 10% open	28
Comments: An oxygen exceedance was detected at OXLCRS7B on December 21, 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 18, 2024, and no further exceedance was detected.									
OXLCRS7B	2/10/2024 10:45	0.3	0.9	21.3	77.5	-47.51	65.0	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS7B	2/10/2024 10:47	0.1	0.3	21.6	78.0	-47.67	64.1	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position	
OXLCRS7B	2/22/2024 15:26	14.0	12.1	14.4	59.5	-0.41	78.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn to 1 turn	
OXLCRS7B	2/22/2024 15:30	13.8	11.4	14.5	60.3	-0.27	78.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS7B	3/13/2024 9:40	59.5	37.5	3.0	0.0	-0.02	55.1	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	32
Comments: An oxygen exceedance was detected at OXLCRS7B on February 10, 2024. 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 March 13, 2024, and no further exceedance was detected.									
OXLCRS9A	11/21/2023 10:27	30.1	29.4	7.6	32.9	-4.71	89.4	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 15% open	
OXLCRS9A	11/21/2023 10:38	34.9	31.8	6.8	26.5	-8.56	89.9	Valve Adjustment: NSPS, Valve 20% open	
OXLCRS9A	12/1/2023 9:48	57.9	38.9	2.2	1.0	-2.15	89.8	Valve Adjustment: Opened valve 1/2 turn or less	10
Comments: An oxygen exceedance was detected at OXLCRS9A on November 21, 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 December 1, 2023, and no further exceedance was detected.									
OXLCRS9B	10/9/2023 11:35	33.1	28.0	8.6	30.3	-3.01	78.9	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXLCRS9B	10/9/2023 11:38	33.1	28.2	8.6	30.1	-1.90	80.0	Valve Adjustment: No Change, Valve at minimum position	
OXLCRS9B	10/12/2023 12:29	43.3	33.2	3.9	19.6	-0.71	82.8	Valve Adjustment: No Change, Valve at minimum position	3
Comments: An oxygen exceedance was detected at OXLCRS9B on October 9, 2023. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on October 12, 2023 and no further exceedance was detected.									
OXMEW113	11/11/2023 10:00	32.5	30.0	7.8	29.7	-4.73	81.8	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXMEW113	11/11/2023 10:05	35.3	32.7	6.5	25.5	-5.26	80.7	Valve Adjustment: NSPS, No Change	
OXMEW113	11/21/2023 12:23	51.8	39.2	0.6	8.4	-8.61	73.7	Valve Adjustment: Opened valve 1/2 turn or less	10
Comments: An oxygen exceedance was detected at OXMEW113 on November 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 November 21, 2023, and no further exceedance was detected.									
OXMEW156	11/17/2023 9:33	23.3	21.8	10.9	44.0	-5.42	66.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW156	11/17/2023 13:48	58.8	38.0	2.0	1.2	-2.25	65.2	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	<1
Comments: An oxygen exceedance was detected at OXMEW156 on November 17, 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
OXMEW156	12/4/2023 12:28	19.2	16.2	13.2	51.4	-0.23	69.2	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW156	12/4/2023 13:02	14.1	12.5	14.7	58.7	-3.28	63.4	Valve Adjustment: NSPS, Valve at minimum position	
OXMEW156	12/15/2023 12:49	56.1	40.2	0.1	3.6	-0.13	66.1	Valve Adjustment: No Change, Valve at minimum position	11
Comments: An oxygen exceedance was detected at OXMEW156 on December 4, 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 December 15, 2023, and no further exceedance was detected.									
OXMEW173	1/25/2024 10:45	15.0	10.0	13.9	61.1	-2.61	57.4	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXMEW173	1/25/2024 10:51	32.3	22.2	4.8	40.7	-2.59	57.3	Valve Adjustment: No Change	<1
Comments: An oxygen exceedance was detected at OXMEW173 on January 25, 2024. 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.									
OXMEW203	2/27/2024 13:49	0.4	3.8	18.5	77.3	-0.12	65.5	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXMEW203	2/27/2024 13:51	0.2	2.8	18.8	78.2	-5.15	71.4	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW203	3/7/2024 15:40	0.2	0.6	21.2	78.0	-1.35	67.3	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW203	3/7/2024 15:49	0.0	0.1	21.3	78.6	-0.25	70.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW203	3/27/2024 14:06	0.0	0.2	20.9	78.9	-4.99	53.8	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW203	3/27/2024 14:07	0.0	0.2	20.6	79.2	-1.83	53.5	Valve Adjustment: No Change, Valve at minimum position	33 (as of April 1, 2024)
Comments: An oxygen exceedance was detected at OXMEW203 on February 27, 2024. 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 remains in exceedance.									
OXMEW302	11/29/2023 9:15	40.4	27.0	5.7	26.9	-0.65	57.0	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXMEW302	11/29/2023 9:16	55.7	34.9	0.1	9.3	-2.03	63.7	Valve Adjustment: No Change	<1
Comments: An oxygen exceedance was detected at OXMEW302 on November 29, 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	9/14/2023 12:22	29.9	24.0	6.3	39.8	-0.03	95.7	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXSS2215	9/14/2023 12:26	27.5	22.8	7.2	42.5	-0.01	93.7	Valve Adjustment: No Change, Valve at minimum position	
OXSS2215	9/25/2023 9:10	24.1	26.7	16.4	32.8	-0.02	96.4	Valve Adjustment: NSPS/CAI, Valve at minimum position	
OXSS2215	9/25/2023 9:13	26.2	21.0	8.6	44.2	-0.07	95.4	Valve Adjustment: No Change, Valve at minimum position	
OXSS2215	10/9/2023 10:51	56.0	36.2	0.1	7.7	0.04	64.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less	
OXSS2215	10/9/2023 10:56	58.6	39.5	0.0	1.9	-0.03	81.6	Valve Adjustment: No Change	25
Comments: An oxygen exceedance was detected at OXSS2215 on September 14, 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 October 9, 2023, 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 exceedances were 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
OXSS2215	11/13/2023 8:59	29.9	25.7	7.3	37.1	-0.04	93.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXSS2215	11/13/2023 11:10	29.0	25.1	7.4	38.5	-0.04	95.3	Valve Adjustment: NSPS, Valve at minimum position	
OXSS2215	11/21/2023 14:24	51.6	46.0	2.4	0.0	-0.08	90.0	Valve Adjustment: No Change, Valve at minimum position	8
Comments: An oxygen exceedance was detected at OXSS2215 on November 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 November 21, 2023, and no further exceedance was detected.									
OXSS2215	12/13/2023 10:47	37.8	29.0	5.2	28.0	-0.08	84.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXSS2215	12/13/2023 10:51	37.6	29.2	5.2	28.0	-0.06	84.1	Valve Adjustment: NSPS, No Change, Valve at minimum position	
OXSS2215	12/21/2023 11:25	58.1	39.3	2.6	0.0	-0.19	76.1	Valve Adjustment: No Change, Valve at minimum position	8
Comments: An oxygen exceedance was detected at OXSS2215 on December 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 December 21, 2023, 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



## APPENDIX L

### MONTHLY LANDFILL GAS FLOW RATES

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**Yearly LFG for A-7, A-8, and A-9 Flares**

Month <sup>3</sup>	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)	Sum of A-7, A-8, and A-9 Total Flow Corrected to 50% CH <sub>4</sub> (scf)	Consecutive 12-Month Corrected to 50% CH <sub>4</sub> Total for A-7 Flare (scf)	Consecutive 12-Month Corrected to 50% CH <sub>4</sub> Total for A-8 Flare (scf)	Consecutive 12-Month Corrected to 50% CH <sub>4</sub> Total for A-9 Flare (scf)	Combined A-7, A-8 and A-9 Flares Corrected to 50% CH <sub>4</sub> 12-Month Throughput <sup>1</sup> (scf)	Annual Average Landfill Gas Generation Rate Corrected to 50% CH <sub>4</sub> <sup>2</sup> (scfm)
April-23	58,029,332.0	0.0	2,512,298.8	60,541,630.8	619,960,408.5	0.0	27,040,461.7	647,000,870.2	1,231.0
May-23	66,070,408.0	0.0	0.0	66,070,408.0	616,249,287.2	0.0	25,669,781.8	641,919,069.0	1,221.3
June-23	63,718,008.4	0.0	8,336,407.0	72,054,415.4	623,760,332.2	0.0	29,162,412.1	652,922,744.3	1,242.2
July-23	52,419,211.9	0.0	1,054,862.4	53,474,074.3	637,165,739.6	0.0	28,895,572.0	666,061,311.6	1,267.2
August-23	43,842,994.0	0.0	0.0	43,842,994.0	658,987,157.8	0.0	26,936,949.6	685,924,107.3	1,305.0
September-23	44,341,175.0	0.0	1,556,692.7	45,897,867.7	650,116,053.7	0.0	27,763,859.3	677,879,913.0	1,289.7
October-23	52,586,801.6	0.0	10,509,160.7	63,095,962.3	652,307,208.0	0.0	34,496,418.1	686,803,626.1	1,306.7
November-23	39,711,330.1	0.0	759,252.7	40,470,582.8	643,416,637.4	0.0	34,506,270.3	677,922,907.7	1,289.8
December-23	38,364,210.9	0.0	140,419.3	38,504,630.1	627,554,528.3	0.0	34,646,689.5	662,201,217.8	1,259.9
January-24	53,002,219.8	0.0	6,569,397.2	59,571,617.0	631,399,191.9	0.0	41,102,697.8	672,501,889.7	1,279.5
February-24	32,011,076.3	0.0	519,170.5	32,530,246.7	606,065,362.5	0.0	32,356,774.9	638,422,137.3	1,211.3
March-24	47,453,316.4	0.0	11,048,687.4	58,502,003.8	591,550,084.4	0.0	43,006,348.6	634,556,433.0	1,204.0

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 21, the annual average landfill gas generation rate shall not exceed 6,600 scfm.

<sup>3</sup>There were 721.00 hours in November 2023 and 743.00 hours available in March 2024 due to Daylight Savings Time.

scf= standard cubic feet

scfm= standard cubic feet per minute

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>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-23	744.00	104.47	639.53	1,605.6	41.9	61,947,430.0	52,586,801.6	25,955,973.2	26,293.4
November-23	721.00	157.87	563.13	1,381.0	41.9	46,780,081.0	39,711,330.1	19,600,853.9	19,855.7
December-23	744.00	189.67	554.33	1,366.3	41.9	45,193,170.0	38,364,210.9	18,935,938.2	19,182.1
January-24	744.00	67.07	676.93	1,534.1	41.9	62,436,794.0	53,002,219.8	26,161,016.7	26,501.1
February-24	696.00	240.33	455.67	1,376.7	41.9	37,709,156.0	32,011,076.3	15,800,136.4	16,005.5
March-24	743.00	156.27	586.73	1,569.5	41.9	55,900,167.0	47,453,316.4	23,422,170.0	23,726.7
<b>OCTOBER 1, 2023 THROUGH MARCH 31, 2024 TOTALS/AVERAGE:</b>	<b>4,392.00</b>	<b>915.67</b>	<b>3,476.33</b>	<b>1,472.2</b>	<b>41.9</b>	<b>309,966,798.0</b>	<b>263,128,955.0</b>	<b>129,876,088.4</b>	<b>131,564.5</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 41.9 percent was determined from the July 21, 2023 Source Test.

<sup>3</sup>Flare operation limited due to the operation of Ameresco engine plant.

<sup>4</sup>There were 743.00 hours available in March 2024 and 721.00 hours available in November 2023 due to Daylight Savings Time

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per square 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, 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-23	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
November-23	721.00	721.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
December-23	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
January-24	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
February-24	696.00	696.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
March-24	743.00	743.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
<b>OCTOBER 1, 2023 THROUGH MARCH 31, 2024 TOTALS/AVERAGE:</b>	<b>4,392.00</b>	<b>4,392.00</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 of 44.1 percent determined from the September 13, 2016 Source Test.

<sup>3</sup>The A-8 Flare is inoperable and is slated for decommission.

<sup>4</sup>There were 721.00 hours in November 2023 and 743.00 hours in March 2024 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, 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-23	744.00	629.40	114.60	1,559.2	50.2	10,332,963.0	10,509,160.7	5,187,147.4	5,254.6
November-23	721.00	713.13	7.87	1,631.1	50.2	751,021.0	763,827.4	377,012.5	381.9
December-23	744.00	742.57	1.43	1,344.6	50.2	138,065.0	140,419.3	69,308.6	70.2
January-24	744.00	689.07	54.93	1,926.5	50.2	6,459,254.0	6,569,397.2	3,242,545.5	3,284.7
February-24	696.00	692.20	3.80	2,238.9	50.2	510,466.0	519,170.5	256,253.9	259.6
March-24	743.00	639.10	103.90	1,527.2	50.2	10,863,444.0	11,048,687.4	5,453,448.9	5,524.3
<b>OCTOBER 1, 2023 THROUGH MARCH 31, 2024 TOTALS/AVERAGE:</b>	<b>4,392.00</b>	<b>4,105.46</b>	<b>286.54</b>	<b>1,704.6</b>	<b>50.2</b>	<b>29,055,213.0</b>	<b>29,550,662.5</b>	<b>14,585,716.9</b>	<b>14,775.3</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 50.2 percent was determined from the July 20, 2023 Source Test.

<sup>3</sup>Flare operation limited due to the operation of Ameresco engine plant.

<sup>4</sup>There were 721.0 hours available in November 2023 and 743.00 hours available in March 2024 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-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)
10/1/2023	24.00	41.9	1,401.5	2,018,119.0	1,713,169.1	845,591.9	1,013.0	856.6
10/2/2023	24.00	41.9	1,355.4	1,951,778.0	1,656,852.6	817,795.0	1,013.0	828.4
10/3/2023	23.47	41.9	1,754.5	2,470,349.0	2,097,064.4	1,035,076.2	1,013.0	1,048.5
10/4/2023	15.47	41.9	1,977.6	1,835,230.0	1,557,915.7	768,961.4	1,013.0	779.0
10/5/2023	14.57	41.9	1,697.4	1,483,529.0	1,259,358.9	621,598.7	1,013.0	629.7
10/6/2023	23.53	41.9	1,665.9	2,352,272.0	1,996,829.6	985,602.0	1,013.0	998.4
10/7/2023	21.47	41.9	1,934.6	2,491,776.0	2,115,253.7	1,044,054.1	1,013.0	1,057.6
10/8/2023	24.00	41.9	1,470.4	2,117,423.0	1,797,467.7	887,200.2	1,013.0	898.7
10/9/2023	23.83	41.9	1,656.3	2,368,488.0	2,010,595.3	992,396.5	1,013.0	1,005.3
10/10/2023	24.00	41.9	1,689.9	2,433,518.0	2,065,798.8	1,019,644.0	1,013.0	1,032.9
10/11/2023	23.57	41.9	1,777.8	2,513,743.0	2,133,901.4	1,053,258.3	1,013.0	1,067.0
10/12/2023	24.00	41.9	1,631.0	2,348,664.0	1,993,766.8	984,090.2	1,013.0	996.9
10/13/2023	23.23	41.9	1,381.7	1,926,112.0	1,635,064.9	807,040.9	1,013.0	817.5
10/14/2023	16.70	41.9	1,276.0	1,278,511.0	1,085,320.3	535,696.1	1,013.0	542.7
10/15/2023	15.97	41.9	1,329.5	1,273,678.0	1,081,217.6	533,671.1	1,013.0	540.6
10/16/2023	20.70	41.9	1,264.9	1,571,008.0	1,333,619.3	658,252.4	1,013.0	666.8
10/17/2023	16.17	41.9	1,552.7	1,506,139.0	1,278,552.4	631,072.2	1,013.0	639.3
10/18/2023	22.77	41.9	1,600.5	2,186,322.0	1,855,955.6	916,068.9	1,013.0	928.0
10/19/2023	23.97	41.9	1,387.4	1,995,095.0	1,693,624.2	835,944.8	1,013.0	846.8
10/20/2023	11.13	41.9	1,306.2	872,555.0	740,706.7	365,600.5	1,013.0	370.4
10/21/2023	5.47	41.9	1,293.6	424,298.0	360,184.0	177,780.9	1,013.0	180.1
10/22/2023	12.93	41.9	1,878.0	1,457,307.0	1,237,099.2	610,611.6	1,013.0	618.5
10/23/2023	24.00	41.9	2,071.3	2,982,683.0	2,531,981.7	1,249,744.2	1,013.0	<b>1,266.0</b>
10/24/2023	23.17	41.9	1,970.7	2,739,260.0	2,325,341.4	1,147,749.9	1,013.0	1,162.7
10/25/2023	24.00	41.9	1,568.9	2,259,228.0	1,917,845.1	946,616.5	1,013.0	958.9
10/26/2023	24.00	41.9	1,470.2	2,117,032.0	1,797,135.8	887,036.4	1,013.0	898.6
10/27/2023	17.97	41.9	1,856.6	2,001,390.0	1,698,968.0	838,582.4	1,013.0	849.5
10/28/2023	20.33	41.9	1,776.9	2,167,869.0	1,840,291.0	908,337.1	1,013.0	920.1
10/29/2023	24.00	41.9	1,700.9	2,449,298.0	2,079,194.4	1,026,255.9	1,013.0	1,039.6
10/30/2023	24.00	41.9	1,650.2	2,376,313.0	2,017,237.8	995,675.1	1,013.0	1,008.6
10/31/2023	23.13	41.9	1,425.4	1,978,443.0	1,679,488.4	828,967.6	1,013.0	839.7
<b>Totals/ Average:</b>	<b>639.53</b>	<b>41.9</b>	<b>1,605.6</b>	<b>61,947,430.0</b>	<b>52,586,801.6</b>	<b>25,955,973.2</b>	<b>1,013.0</b>	<b>26,293.4</b>
							<b>Maximum:</b>	<b>1,266.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 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-2023

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)
11/1/2023	24.00	41.9	1,448.1	2,085,289.0	1,770,189.3	873,736.1	1,013.0	885.1
11/2/2023	24.00	41.9	1,415.4	2,038,233.0	1,730,243.8	854,019.6	1,013.0	865.1
11/3/2023	24.00	41.9	1,392.1	2,004,670.0	1,701,752.3	839,956.7	1,013.0	850.9
11/4/2023	24.00	41.9	1,334.8	1,922,081.0	1,631,643.0	805,351.9	1,013.0	815.8
11/5/2023	25.00	41.9	1,284.6	1,926,884.0	1,635,720.3	807,364.4	1,013.0	817.9
11/6/2023	21.10	41.9	1,463.4	1,852,634.0	1,572,689.9	776,253.6	1,013.0	786.3
11/7/2023	10.53	41.9	1,276.1	806,485.0	684,620.3	337,917.2	1,013.0	342.3
11/8/2023	15.17	41.9	1,318.3	1,199,682.0	1,018,402.9	502,666.8	1,013.0	509.2
11/9/2023	11.23	41.9	1,350.9	910,536.0	772,948.5	381,514.6	1,013.0	386.5
11/10/2023	16.33	41.9	1,334.9	1,308,180.0	1,110,506.2	548,127.4	1,013.0	555.3
11/11/2023	20.67	41.9	1,542.2	1,912,267.0	1,623,312.0	801,239.9	1,013.0	811.7
11/12/2023	24.00	41.9	1,546.8	2,227,431.0	1,890,852.8	933,293.6	1,013.0	945.4
11/13/2023	20.87	41.9	1,527.2	1,912,047.0	1,623,125.2	801,147.7	1,013.0	811.6
11/14/2023	15.20	41.9	1,324.0	1,207,521.0	1,025,057.3	505,951.3	1,013.0	512.5
11/15/2023	15.60	41.9	1,460.2	1,366,731.0	1,160,209.7	572,660.3	1,013.0	580.1
11/16/2023	23.23	41.9	1,282.2	1,787,391.0	1,517,305.5	748,916.8	1,013.0	758.7
11/17/2023	24.00	41.9	1,343.5	1,934,646.0	1,642,309.4	810,616.7	1,013.0	821.2
11/18/2023	9.73	41.9	1,250.8	730,460.0	620,083.1	306,062.7	1,013.0	310.0
11/19/2023	0.00	41.9	0.0	0.0	0.0	0.0	1,013.0	0.0
11/20/2023	11.67	41.9	1,540.2	1,078,120.0	915,209.6	451,732.3	1,013.0	457.6
11/21/2023	24.00	41.9	1,378.8	1,985,417.0	1,685,408.6	831,889.7	1,013.0	842.7
11/22/2023	24.00	41.9	1,392.1	2,004,569.0	1,701,666.6	839,914.4	1,013.0	850.8
11/23/2023	24.00	41.9	1,414.5	2,036,885.0	1,729,099.5	853,454.8	1,013.0	864.5
11/24/2023	24.00	41.9	1,340.6	1,930,406.0	1,638,710.1	808,840.1	1,013.0	819.4
11/25/2023	24.00	41.9	1,338.6	1,927,543.0	1,636,279.7	807,640.5	1,013.0	818.1
11/26/2023	24.00	41.9	1,369.7	1,972,391.0	1,674,350.9	826,431.8	1,013.0	837.2
11/27/2023	17.30	41.9	1,273.9	1,322,313.0	1,122,503.6	554,049.1	1,013.0	561.3
11/28/2023	11.63	41.9	1,469.5	1,025,744.0	870,747.9	429,786.7	1,013.0	435.4
11/29/2023	15.70	41.9	1,339.9	1,262,208.0	1,071,480.8	528,865.2	1,013.0	535.7
11/30/2023	14.17	41.9	1,295.7	1,101,317.0	934,901.4	461,451.8	1,013.0	467.5
<b>Totals/ Average:</b>	<b>563.13</b>	<b>41.9</b>	<b>1,381.0</b>	<b>46,780,081.0</b>	<b>39,711,330.1</b>	<b>19,600,853.9</b>	<b>1,013.0</b>	<b>19,855.7</b>
							<b>Maximum:</b>	<b>945.4</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 Source Test.

<sup>2</sup>There were 721.00 hours available in November 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-7 Flare Heat Input Rate**

MONTH: December-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)
12/1/2023	10.20	41.9	1,563.4	956,775.0	812,200.6	400,888.7	1,013.0	406.1
12/2/2023	17.63	41.9	1,390.8	1,471,447.0	1,249,102.5	616,536.3	1,013.0	624.6
12/3/2023	24.00	41.9	1,294.2	1,863,633.0	1,582,026.9	780,862.2	1,013.0	791.0
12/4/2023	23.33	41.9	1,318.3	1,845,676.0	1,566,783.3	773,338.2	1,013.0	783.4
12/5/2023	19.27	41.9	1,326.9	1,533,907.0	1,302,124.4	642,707.0	1,013.0	651.1
12/6/2023	19.20	41.9	1,361.3	1,568,230.0	1,331,261.0	657,088.4	1,013.0	665.6
12/7/2023	16.50	41.9	1,355.8	1,342,256.0	1,139,433.1	562,405.3	1,013.0	569.7
12/8/2023	12.03	41.9	1,318.1	951,686.0	807,880.5	398,756.4	1,013.0	403.9
12/9/2023	7.77	41.9	1,325.6	617,743.0	524,398.3	258,834.3	1,013.0	262.2
12/10/2023	11.07	41.9	1,483.9	985,336.0	836,445.8	412,855.8	1,013.0	418.2
12/11/2023	24.00	41.9	1,307.8	1,883,203.0	1,598,639.7	789,062.1	1,013.0	799.3
12/12/2023	15.30	41.9	1,301.0	1,194,320.0	1,013,851.1	500,420.1	1,013.0	506.9
12/13/2023	14.20	41.9	1,550.3	1,320,839.0	1,121,252.3	553,431.5	1,013.0	560.6
12/14/2023	10.67	41.9	1,395.3	892,989.0	758,053.0	374,162.4	1,013.0	379.0
12/15/2023	16.37	41.9	1,336.8	1,312,693.0	1,114,337.2	550,018.4	1,013.0	557.2
12/16/2023	18.47	41.9	1,275.0	1,412,653.0	1,199,192.7	591,901.6	1,013.0	599.6
12/17/2023	15.87	41.9	1,340.5	1,276,185.0	1,083,345.8	534,721.5	1,013.0	541.7
12/18/2023	15.93	41.9	1,376.7	1,316,144.0	1,117,266.7	551,464.3	1,013.0	558.6
12/19/2023	24.00	41.9	1,426.1	2,053,542.0	1,743,239.5	860,434.1	1,013.0	871.6
12/20/2023	23.73	41.9	1,445.1	2,057,874.0	1,746,916.9	862,249.2	1,013.0	<b>873.5</b>
12/21/2023	16.60	41.9	1,366.1	1,360,593.0	1,154,999.2	570,088.5	1,013.0	577.5
12/22/2023	23.73	41.9	1,321.1	1,881,267.0	1,596,996.3	788,250.9	1,013.0	798.5
12/23/2023	24.00	41.9	1,359.4	1,957,508.0	1,661,716.8	820,195.9	1,013.0	830.9
12/24/2023	19.73	41.9	1,324.5	1,568,238.0	1,331,267.8	657,091.7	1,013.0	665.6
12/25/2023	20.20	41.9	1,321.6	1,601,770.0	1,359,732.9	671,141.6	1,013.0	679.9
12/26/2023	16.50	41.9	1,288.8	1,275,920.0	1,083,120.8	534,610.5	1,013.0	541.6
12/27/2023	16.33	41.9	1,463.3	1,433,991.0	1,217,306.4	600,842.2	1,013.0	608.7
12/28/2023	24.00	41.9	1,299.8	1,871,711.0	1,588,884.2	784,246.9	1,013.0	794.4
12/29/2023	23.77	41.9	1,321.5	1,884,414.0	1,599,667.7	789,569.5	1,013.0	799.8
12/30/2023	15.87	41.9	1,307.0	1,244,282.0	1,056,263.5	521,354.2	1,013.0	528.1
12/31/2023	14.07	41.9	1,488.6	1,256,345.0	1,066,503.7	526,408.6	1,013.0	533.3
<b>Totals/ Average:</b>	<b>554.33</b>	<b>41.9</b>	<b>1,366.3</b>	<b>45,193,170.0</b>	<b>38,364,210.9</b>	<b>18,935,938.2</b>	<b>1,013.0</b>	<b>19,182.1</b>
							<b>Maximum:</b>	<b>873.5</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 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-2024

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)
1/1/2024	24.00	41.9	1,323.7	1,906,193.0	1,618,155.8	798,694.9	1,013.0	809.1
1/2/2024	23.77	41.9	1,322.1	1,885,366.0	1,600,475.9	789,968.4	1,013.0	800.2
1/3/2024	16.73	41.9	1,622.5	1,628,989.0	1,382,839.0	682,546.4	1,013.0	691.4
1/4/2024	24.00	41.9	1,322.1	1,903,815.0	1,616,137.1	797,698.5	1,013.0	808.1
1/5/2024	24.00	41.9	1,345.0	1,936,781.0	1,644,121.8	811,511.2	1,013.0	822.1
1/6/2024	24.00	41.9	1,345.5	1,937,455.0	1,644,693.9	811,793.6	1,013.0	822.3
1/7/2024	22.00	41.9	1,458.9	1,925,757.0	1,634,763.6	806,892.2	1,013.0	817.4
1/8/2024	24.00	41.9	1,416.1	2,039,158.0	1,731,029.0	854,407.2	1,013.0	865.5
1/9/2024	23.40	41.9	1,475.7	2,071,888.0	1,758,813.3	868,121.1	1,013.0	879.4
1/10/2024	22.97	41.9	1,669.8	2,300,964.0	1,953,274.5	964,103.9	1,013.0	976.6
1/11/2024	24.00	41.9	1,707.9	2,459,383.0	2,087,755.5	1,030,481.5	1,013.0	1,043.9
1/12/2024	16.80	41.9	1,275.5	1,285,697.0	1,091,420.5	538,707.0	1,013.0	545.7
1/13/2024	17.43	41.9	1,998.9	2,090,837.0	1,774,899.0	876,060.7	1,013.0	887.4
1/14/2024	21.63	41.9	1,845.4	2,395,271.0	2,033,331.2	1,003,618.5	1,013.0	1,016.7
1/15/2024	23.00	41.9	1,886.0	2,602,679.0	2,209,398.6	1,090,522.5	1,013.0	<b>1,104.7</b>
1/16/2024	24.00	41.9	1,694.1	2,439,495.0	2,070,872.7	1,022,148.4	1,013.0	1,035.4
1/17/2024	24.00	41.9	1,662.7	2,394,302.0	2,032,508.6	1,003,212.5	1,013.0	1,016.3
1/18/2024	24.00	41.9	1,623.2	2,337,437.0	1,984,236.2	979,386.1	1,013.0	992.1
1/19/2024	24.00	41.9	1,735.2	2,498,720.0	2,121,148.4	1,046,963.7	1,013.0	1,060.6
1/20/2024	24.00	41.9	1,673.5	2,409,881.0	2,045,733.5	1,009,740.1	1,013.0	1,022.9
1/21/2024	24.00	41.9	1,640.3	2,362,079.0	2,005,154.7	989,711.1	1,013.0	1,002.6
1/22/2024	24.00	41.9	1,630.5	2,347,979.0	1,993,185.3	983,803.2	1,013.0	996.6
1/23/2024	24.00	41.9	1,632.1	2,350,293.0	1,995,149.6	984,772.8	1,013.0	997.6
1/24/2024	24.00	41.9	1,574.8	2,267,658.0	1,925,001.3	950,148.7	1,013.0	962.5
1/25/2024	20.23	41.9	1,341.9	1,629,013.0	1,382,859.4	682,556.4	1,013.0	691.4
1/26/2024	16.60	41.9	1,359.1	1,353,674.0	1,149,125.7	567,189.4	1,013.0	574.6
1/27/2024	24.00	41.9	1,342.6	1,933,282.0	1,641,151.5	810,045.2	1,013.0	820.6
1/28/2024	16.10	41.9	1,367.2	1,320,729.0	1,121,158.9	553,385.5	1,013.0	560.6
1/29/2024	15.60	41.9	1,458.1	1,364,812.0	1,158,580.7	571,856.2	1,013.0	579.3
1/30/2024	23.07	41.9	1,351.5	1,870,499.0	1,587,855.4	783,739.1	1,013.0	793.9
1/31/2024	13.60	41.9	1,454.3	1,186,708.0	1,007,389.3	497,230.7	1,013.0	503.7
<b>Totals/ Average:</b>	<b>676.93</b>	<b>41.9</b>	<b>1,534.1</b>	<b>62,436,794.0</b>	<b>53,002,219.8</b>	<b>26,161,016.7</b>	<b>1,013.0</b>	<b>26,501.1</b>
							<b>Maximum:</b>	<b>1,104.7</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 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-2024

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)
2/1/2024	13.67	41.9	1,346.9	1,104,422.0	937,537.2	462,752.8	1,013.0	468.8
2/2/2024	14.33	41.9	1,342.4	1,154,485.0	980,035.4	483,729.2	1,013.0	490.0
2/3/2024	22.70	41.9	1,390.2	1,893,443.0	1,607,332.4	793,352.6	1,013.0	803.7
2/4/2024	10.77	41.9	1,423.9	919,867.0	780,869.6	385,424.3	1,013.0	390.4
2/5/2024	9.67	41.9	1,333.1	773,225.0	656,386.1	323,981.3	1,013.0	328.2
2/6/2024	0.00	41.9	0.0	0.0	0.0	0.0	1,013.0	0.0
2/7/2024	0.00	41.9	0.0	0.0	0.0	0.0	1,013.0	0.0
2/8/2024	15.90	41.9	1,368.7	1,305,783.0	1,108,471.4	547,123.1	1,013.0	554.2
2/9/2024	24.00	41.9	1,299.0	1,870,586.0	1,587,929.2	783,775.5	1,013.0	794.0
2/10/2024	24.00	41.9	1,309.9	1,886,226.0	1,601,205.9	790,328.7	1,013.0	800.6
2/11/2024	12.20	41.9	1,297.0	949,399.0	805,939.1	397,798.2	1,013.0	403.0
2/12/2024	16.00	41.9	1,480.8	1,421,598.0	1,206,786.0	595,649.6	1,013.0	603.4
2/13/2024	17.23	41.9	1,305.4	1,349,771.0	1,145,812.5	565,554.0	1,013.0	572.9
2/14/2024	16.53	41.9	1,366.8	1,355,836.0	1,150,961.0	568,095.3	1,013.0	575.5
2/15/2024	23.50	41.9	1,324.3	1,867,220.0	1,585,071.9	782,365.2	1,013.0	792.5
2/16/2024	16.07	41.9	1,395.4	1,345,160.0	1,141,898.3	563,622.0	1,013.0	570.9
2/17/2024	24.00	41.9	1,464.6	2,109,083.0	1,790,387.9	883,705.8	1,013.0	895.2
2/18/2024	21.27	41.9	1,441.0	1,838,745.0	1,560,899.6	770,434.2	1,013.0	780.4
2/19/2024	5.70	41.9	1,467.6	501,913.0	426,070.9	210,301.5	1,013.0	213.0
2/20/2024	15.90	41.9	1,412.1	1,347,153.0	1,143,590.1	564,457.1	1,013.0	571.8
2/21/2024	24.00	41.9	1,485.5	2,139,191.0	1,815,946.4	896,321.0	1,013.0	<b>908.0</b>
2/22/2024	24.00	41.9	1,438.1	2,070,931.0	1,758,000.9	867,720.1	1,013.0	879.0
2/23/2024	19.93	41.9	1,307.3	1,563,548.0	1,327,286.5	655,126.6	1,013.0	663.6
2/24/2024	9.97	41.9	1,333.1	797,182.0	676,723.0	334,019.3	1,013.0	338.4
2/25/2024	4.17	41.9	1,356.6	339,149.0	287,901.6	142,103.4	1,013.0	144.0
2/26/2024	15.30	41.9	1,444.8	1,326,354.0	1,125,934.0	555,742.3	1,013.0	563.0
2/27/2024	24.00	41.9	1,452.9	2,092,241.0	1,776,090.8	876,649.0	1,013.0	888.0
2/28/2024	17.83	41.9	1,274.5	1,363,664.0	1,157,606.2	571,375.2	1,013.0	578.8
2/29/2024	13.03	41.9	1,308.2	1,022,981.0	868,402.4	428,629.0	1,013.0	434.2
<b>Totals/ Average:</b>	<b>455.67</b>	<b>41.9</b>	<b>1,376.7</b>	<b>37,709,156.0</b>	<b>32,011,076.3</b>	<b>15,800,136.4</b>	<b>1,013.0</b>	<b>16,005.5</b>
							<b>Maximum:</b>	<b>908.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 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-2024

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)
3/1/2024	12.93	41.9	1,292.7	1,003,143.0	851,562.1	420,316.9	1,013.0	425.8
3/2/2024	16.53	41.9	1,436.8	1,425,285.0	1,209,915.9	597,194.4	1,013.0	605.0
3/3/2024	13.93	41.9	1,322.7	1,105,791.0	938,699.3	463,326.4	1,013.0	469.3
3/4/2024	7.93	41.9	1,328.8	632,521.0	536,943.3	265,026.3	1,013.0	268.5
3/5/2024	14.70	41.9	1,346.8	1,187,837.0	1,008,347.7	497,703.7	1,013.0	504.2
3/6/2024	17.80	41.9	1,510.4	1,613,104.0	1,369,354.3	675,890.6	1,013.0	684.7
3/7/2024	20.97	41.9	1,382.4	1,739,115.0	1,476,324.3	728,689.2	1,013.0	738.2
3/8/2024	17.60	41.9	1,428.4	1,508,416.0	1,280,485.3	632,026.3	1,013.0	640.2
3/9/2024	24.00	41.9	1,307.8	1,883,183.0	1,598,622.7	789,053.7	1,013.0	799.3
3/10/2024	23.00	41.9	1,295.9	1,788,410.0	1,518,170.5	749,343.8	1,013.0	759.1
3/11/2024	16.37	41.9	1,421.6	1,395,987.0	1,185,045.0	584,918.6	1,013.0	592.5
3/12/2024	23.30	41.9	1,385.1	1,936,365.0	1,643,768.6	811,336.9	1,013.0	821.9
3/13/2024	24.00	41.9	1,394.6	2,008,187.0	1,704,737.9	841,430.4	1,013.0	852.4
3/14/2024	10.27	41.9	1,361.9	838,925.0	712,158.4	351,509.6	1,013.0	356.1
3/15/2024	13.87	41.9	1,334.0	1,109,857.0	942,150.9	465,030.1	1,013.0	471.1
3/16/2024	17.00	41.9	1,460.4	1,489,559.0	1,264,477.7	624,125.2	1,013.0	632.2
3/17/2024	24.00	41.9	1,324.9	1,907,825.0	1,619,541.2	799,378.7	1,013.0	809.8
3/18/2024	24.00	41.9	1,286.2	1,852,143.0	1,572,273.1	776,047.9	1,013.0	786.1
3/19/2024	22.30	41.9	1,335.7	1,787,164.0	1,517,112.8	748,821.7	1,013.0	758.6
3/20/2024	15.43	41.9	1,267.5	1,173,662.0	996,314.6	491,764.4	1,013.0	498.2
3/21/2024	15.23	41.9	2,069.1	1,891,172.0	1,605,404.6	792,401.1	1,013.0	802.7
3/22/2024	24.00	41.9	2,068.5	2,978,677.0	2,528,581.0	1,248,065.7	1,013.0	<b>1,264.3</b>
3/23/2024	24.00	41.9	2,050.9	2,953,335.0	2,507,068.4	1,237,447.4	1,013.0	1,253.5
3/24/2024	21.17	41.9	2,039.3	2,589,937.0	2,198,582.0	1,085,183.6	1,013.0	1,099.3
3/25/2024	17.13	41.9	1,784.8	1,834,752.0	1,557,510.0	768,761.1	1,013.0	778.8
3/26/2024	23.00	41.9	2,028.8	2,799,679.0	2,376,630.7	1,173,065.5	1,013.0	1,188.3
3/27/2024	23.73	41.9	2,065.7	2,941,581.0	2,497,090.5	1,232,522.4	1,013.0	1,248.5
3/28/2024	17.20	41.9	2,016.1	2,080,654.0	1,766,254.7	871,794.0	1,013.0	883.1
3/29/2024	24.00	41.9	1,583.2	2,279,811.0	1,935,317.9	955,240.8	1,013.0	967.7
3/30/2024	20.37	41.9	1,830.2	2,236,542.0	1,898,587.1	937,111.1	1,013.0	949.3
3/31/2024	16.97	41.9	1,893.5	1,927,548.0	1,636,283.9	807,642.6	1,013.0	818.1
<b>Totals/ Average:</b>	<b>586.73</b>	<b>41.9</b>	<b>1,569.5</b>	<b>55,900,167.0</b>	<b>47,453,316.4</b>	<b>23,422,170.0</b>	<b>1,013.0</b>	<b>23,726.7</b>
							<b>Maximum:</b>	<b>1,264.3</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 Source Test.

<sup>2</sup>There were 743.00 hours available in March 2024 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-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)
10/1/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/2/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/3/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/4/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/5/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/6/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/7/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/8/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/9/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/10/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/11/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/12/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/13/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/14/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/15/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/16/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/17/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/18/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/19/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/20/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/21/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/22/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/23/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/24/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/25/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/26/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/27/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/28/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/29/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/30/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/31/2023	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).

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-2023

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)
11/1/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/2/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/3/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/4/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/5/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/6/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/7/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/8/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/9/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/10/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/11/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/12/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/13/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/14/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/15/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/16/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/17/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/18/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/19/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/20/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/21/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/22/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/23/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/24/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/25/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/26/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/27/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/28/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/29/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/30/2023	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 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-8 Flare Heat Input Rate**

MONTH: December-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)
12/1/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/2/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/3/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/4/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/5/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/6/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/7/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/8/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/9/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/10/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/11/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/12/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/13/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/14/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/15/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/16/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/17/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/18/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/19/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/20/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/21/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/22/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/23/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/24/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/25/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/26/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/27/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/28/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/29/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/30/2023	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/31/2023	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).

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-2024

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)
1/1/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/2/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/3/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/4/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/5/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/6/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/7/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/8/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/9/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/10/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/11/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/12/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/13/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/14/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/15/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/16/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/17/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/18/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/19/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/20/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/21/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/22/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/23/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/24/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/25/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/26/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/27/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/28/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/29/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/30/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/31/2024	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: February-2024

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)
2/1/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/2/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/3/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/4/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/5/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/6/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/7/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/8/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/9/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/10/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/11/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/12/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/13/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/14/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/15/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/16/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/17/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/18/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/19/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/20/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/21/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/22/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/23/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/24/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/25/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/26/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/27/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/28/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/29/2024	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-2024

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)
3/1/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/2/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/3/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/4/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/5/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/6/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/7/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/8/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/9/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/10/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/11/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/12/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/13/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/14/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/15/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/16/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/17/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/18/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/19/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/20/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/21/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/22/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/23/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/24/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/25/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/26/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/27/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/28/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/29/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/30/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/31/2024	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 2024 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-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)
10/1/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/2/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/3/2023	6.40	50.2	1,843.2	707,779.0	719,848.0	355,305.1	1,013.0	359.9
10/4/2023	10.43	50.2	1,821.0	1,139,970.0	1,159,408.8	572,264.9	1,013.0	579.7
10/5/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/6/2023	4.87	50.2	1,385.3	404,508.0	411,405.7	203,063.0	1,013.0	205.7
10/7/2023	15.27	50.2	1,326.9	1,215,483.0	1,236,209.4	610,172.5	1,013.0	618.1
10/8/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/9/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/10/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/11/2023	1.83	50.2	1,754.6	193,010.0	196,301.2	96,891.0	1,013.0	98.2
10/12/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/13/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/14/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/15/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/16/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/17/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/18/2023	2.00	50.2	1,642.4	197,090.0	200,450.8	98,939.2	1,013.0	100.2
10/19/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/20/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/21/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/22/2023	7.57	50.2	1,317.0	597,927.0	608,122.9	300,159.4	1,013.0	304.1
10/23/2023	24.00	50.2	1,284.8	1,850,061.0	1,881,608.2	928,730.6	1,013.0	<b>940.8</b>
10/24/2023	17.80	50.2	1,321.8	1,411,711.0	1,435,783.5	708,678.9	1,013.0	717.9
10/25/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/26/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/27/2023	12.60	50.2	1,794.5	1,356,637.0	1,379,770.4	681,031.8	1,013.0	689.9
10/28/2023	10.73	50.2	1,810.3	1,165,837.0	1,185,716.9	585,250.2	1,013.0	592.9
10/29/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/30/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
10/31/2023	1.10	50.2	1,408.3	92,950.0	94,535.0	46,660.9	1,013.0	47.3
<b>Totals/ Average:</b>	<b>114.60</b>	<b>50.2</b>	<b>1,559.2</b>	<b>10,332,963.0</b>	<b>10,509,160.7</b>	<b>5,187,147.4</b>	<b>1,013.0</b>	<b>5,254.6</b>
							<b>Maximum:</b>	<b>940.8</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 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-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)
11/1/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/2/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/3/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/4/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/5/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/6/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/7/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/8/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/9/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/10/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/11/2023	5.50	50.2	1,676.6	553,264.0	562,698.3	277,738.5	1,013.0	<b>281.3</b>
11/12/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/13/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/14/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/15/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/16/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/17/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/18/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/19/2023	0.27	50.2	1,749.8	27,997.0	28,474.4	14,054.5	1,013.0	14.2
11/20/2023	1.70	50.2	1,223.2	124,767.0	126,894.5	62,633.0	1,013.0	63.4
11/21/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/22/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/23/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/24/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/25/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/26/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/27/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/28/2023	0.40	50.2	1,874.7	44,993.0	45,760.2	22,586.5	1,013.0	22.9
11/29/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
11/30/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>7.87</b>	<b>50.2</b>	<b>1,631.1</b>	<b>751,021.0</b>	<b>763,827.4</b>	<b>377,012.5</b>	<b>1,013.0</b>	<b>381.9</b>
							<b>Maximum:</b>	<b>281.3</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 Source Test.

<sup>2</sup>There were 721.00 hours available in November 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-9 Flare Heat Input Rate**

MONTH: December-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)
12/1/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/2/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/3/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/4/2023	0.37	50.2	810.7	17,835.0	18,139.1	8,953.2	1,013.0	9.1
12/5/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/6/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/7/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/8/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/9/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/10/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/11/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/12/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/13/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/14/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/15/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/16/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/17/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/18/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/19/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/20/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/21/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/22/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/23/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/24/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/25/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/26/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/27/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/28/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/29/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/30/2023	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
12/31/2023	1.07	50.2	1,878.6	120,230.0	122,280.2	60,355.5	1,013.0	61.1
<b>Totals/ Average:</b>	<b>1.43</b>	<b>50.2</b>	<b>1,344.6</b>	<b>138,065.0</b>	<b>140,419.3</b>	<b>69,308.6</b>	<b>1,013.0</b>	<b>70.2</b>
							<b>Maximum:</b>	<b>61.1</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 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-2024

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)
1/1/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/2/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/3/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/4/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/5/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/6/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/7/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/8/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/9/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/10/2024	6.23	50.2	1,810.8	677,237.0	688,785.2	339,973.0	1,013.0	344.4
1/11/2024	24.00	50.2	1,926.4	2,774,083.0	2,821,386.7	1,392,589.7	1,013.0	<b>1,410.7</b>
1/12/2024	17.57	50.2	2,091.5	2,204,489.0	2,242,079.9	1,106,653.5	1,013.0	1,121.0
1/13/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/14/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/15/2024	7.13	50.2	1,877.2	803,445.0	817,145.3	403,329.4	1,013.0	408.6
1/16/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/17/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/18/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/19/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/20/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/21/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/22/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/23/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/24/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/25/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/26/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/27/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/28/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/29/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/30/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
1/31/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>54.93</b>	<b>50.2</b>	<b>1,926.5</b>	<b>6,459,254.0</b>	<b>6,569,397.2</b>	<b>3,242,545.5</b>	<b>1,013.0</b>	<b>3,284.7</b>
							<b>Maximum:</b>	<b>1,410.7</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 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-2024

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)
2/1/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/2/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/3/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/4/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/5/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/6/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/7/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/8/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/9/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/10/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/11/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/12/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/13/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/14/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/15/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/16/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/17/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/18/2024	3.80	50.2	2,238.9	510,466.0	519,170.5	256,253.9	1,013.0	<b>259.6</b>
2/19/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/20/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/21/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/22/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/23/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/24/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/25/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/26/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/27/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/28/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
2/29/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>3.80</b>	<b>50.2</b>	<b>2,238.9</b>	<b>510,466.0</b>	<b>519,170.5</b>	<b>256,253.9</b>	<b>1,013.0</b>	<b>259.6</b>
							<b>Maximum:</b>	<b>259.6</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 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-2024

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)
3/1/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/2/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/3/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/4/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/5/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/6/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/7/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/8/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/9/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/10/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/11/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/12/2024	0.10	50.2	652.3	3,914.0	3,980.7	1,964.8	1,013.0	2.0
3/13/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/14/2024	0.33	50.2	563.3	11,265.0	11,457.1	5,655.0	1,013.0	5.7
3/15/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/16/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/17/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/18/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/19/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/20/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/21/2024	0.90	50.2	1,635.4	88,310.0	89,815.9	44,331.6	1,013.0	44.9
3/22/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/23/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/24/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/25/2024	5.70	50.2	1,670.0	571,131.0	580,869.9	286,707.8	1,013.0	290.4
3/26/2024	24.00	50.2	1,675.5	2,412,693.0	2,453,834.2	1,211,171.9	1,013.0	1,226.9
3/27/2024	24.00	50.2	1,669.3	2,403,752.0	2,444,740.8	1,206,683.5	1,013.0	1,222.4
3/28/2024	19.17	50.2	1,665.3	1,915,081.0	1,947,737.0	961,370.7	1,013.0	973.9
3/29/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
3/30/2024	5.70	50.2	2,377.5	813,090.0	826,954.8	408,171.2	1,013.0	413.5
3/31/2024	24.00	50.2	1,836.3	2,644,208.0	2,689,297.0	1,327,392.4	1,013.0	<b>1,344.6</b>
<b>Totals/ Average:</b>	<b>103.90</b>	<b>50.2</b>	<b>1,527.2</b>	<b>10,863,444.0</b>	<b>11,048,687.4</b>	<b>5,453,448.9</b>	<b>1,013.0</b>	<b>5,524.3</b>
							<b>Maximum:</b>	<b>1,344.6</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 Source Test.

<sup>2</sup>There were 743.00 hours available in March 2024 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-23	0.00	0.00
November-23	0.00	0.00
December-23	0.00	0.00
January-24	0.00	0.00
February-24	0.00	0.00
March-24	0.00	0.00

\*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.**

**2273 Lobert Street**

**Castro Valley, CA 94546**

*Phone (510) 525 1261*

*Cell (810) 923 3181*

*bluesky@blueskyenvironmental.com*

August 28, 2023

Republic Services

Ox Mountain (Los Trancos Canyon) Landfill

12310 San Mateo Road

Half Moon Bay, CA 94019

Attn: Ben Wade

**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 20 and 21, 2023.

**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 Jamie Rios, Kyle Anderson and Timothy Eandi representing 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 July 5, 2023 (NST# 8476 (A-7) and 8477 (A-9)). 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>	31.5	39	In Compliance
NO <sub>x</sub> , lb/MMBtu	0.041	0.052	In Compliance
CO, ppmvd @ 3% O <sub>2</sub>	7.0	184	In Compliance
CO, lb/MMBtu	0.006	0.15	In Compliance
NMOC, ppmvd @ 3% O <sub>2</sub> as CH <sub>4</sub>	<2.9	30*	In Compliance
NMOC Destruction Efficiency, %	98.404	>98%*	In Compliance
THC Destruction Efficiency, %	99.9999	>98%	In Compliance
CH <sub>4</sub> Destruction Efficiency, %	99.972	>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>	38.7	39	In Compliance
NO <sub>x</sub> , lb/MMBtu	0.050	0.052	In Compliance
CO, ppmvd @ 3% O <sub>2</sub>	84.3	184	In Compliance
CO, lb/MMBtu	0.067	0.15	In Compliance
NMOC, ppmvd @ 3% O <sub>2</sub> as CH <sub>4</sub>	<3.2	30*	In Compliance
NMOC Destruction Efficiency, %	98.336	>98%*	In Compliance
THC Destruction Efficiency, %	99.9999	>98%	In Compliance
CH <sub>4</sub> Destruction Efficiency, %	99.965	>99%	In Compliance

*\*>98% NMOC destruction efficiency or <30 ppm NMOC @ 3% O<sub>2</sub>*

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.





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. Also, as required, a landfill gas sample was analyzed for TAC concentrations using EPA Method TO-15. All constituents were found to be within the limits listed in permit Condition 10164, Part 23.b.

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.

Prepared by,

Jessica Morris

Reviewed by,

Gabe Lazar

TABLE #1

Ox Mountain (Los Trancos Canyon Landfill)  
Landfill Gas Flare A-7

Parameter	Run 1	Run 2	Run 3	Average Results	Permit Limits
Test Date	7/21/23	7/21/23	7/21/23		
Test Time	0815-0855	0916-0955	1012-1051		
Standard Temperature, °F	70	70	70		
<b>Process Parameters:</b>					
Flare Temperature, °F	1,615	1,616	1,618	1,616	
<b>Fuel Gas:</b>					
LFG Fuel Flow Rate, SCFM	1,366	1,338	1,350	1,351	
Total Fuel Heat Input, MMBtu/hr	34.7	37.0	34.1	35.2	
Total Reduced Sulfur Compounds as H <sub>2</sub> S, ppm	161	144	163	156	265
Inlet CH <sub>4</sub> , ppmvd	419,000	456,000	417,000	430,667	
Inlet CH <sub>4</sub> , lb/hr	1,421	1,515	1,397	1,444	
Inlet NMOC, ppmvd as CH <sub>4</sub> (EPA Method 25C)	849	893	813	852	
Inlet NMOC, lb/hr as CH <sub>4</sub>	2.88	2.97	2.72	2.86	
Inlet THC, ppm as CH <sub>4</sub>	419,849	456,893	417,813	431,518	
Inlet THC, lb/hr as CH <sub>4</sub>	1,424	1,518	1,400	1,447	
<b>Stack Gas:</b>					
Exhaust Flow Rate, DSCFM (EPA Method 19)	14,927	15,702	14,141	14,923	
Oxygen (O <sub>2</sub> ), % volume dry	13.3	13.2	13.0	13.1	
Carbon Dioxide (CO <sub>2</sub> ), % volume dry	6.5	6.7	6.9	6.7	
Moisture (H <sub>2</sub> O), % volume dry	8.3	8.9	7.7	8.3	
<b>NO<sub>x</sub> Emissions (reported as NO<sub>2</sub>):</b>					
NO <sub>x</sub> , ppmvd	13.4	14.1	13.4	13.6	
NO <sub>x</sub> , ppmvd @ 3% O <sub>2</sub>	31.5	32.7	30.3	31.5	39
NO <sub>x</sub> , lb/hr	1.43	1.58	1.35	1.45	
NO <sub>x</sub> , lb/MMBtu	0.041	0.043	0.040	0.041	0.052
<b>CO Emissions:</b>					
CO, ppmvd	5.5	3.0	0.5	3.0	
CO, ppmvd @ 3% O <sub>2</sub>	12.9	7.0	1.0	7.0	184
CO, lb/hr	0.35	0.21	0.03	0.20	
CO, lb/MMBtu	0.010	0.006	0.001	0.006	0.15
<b>Sulfur Dioxide (SO<sub>2</sub>) Emissions:</b>					
SO <sub>2</sub> , ppmvd (calculated)	14.73	12.27	15.56	14.19	
SO <sub>2</sub> , lb/hr	2.19	1.92	2.19	2.10	
<b>THC Emissions (reported as CH<sub>4</sub>):</b>					
THC, ppmvd (EPA Method ALT 097)	<10.9	<11.0	<10.8	<10.9	
THC, lb/hr	<0.404	<0.428	<0.380	<0.404	
THC Destruction Efficiency, %	99.9999%	99.9999%	99.9999%	99.9999%	98
<b>Methane (CH<sub>4</sub>) Emissions:</b>					
CH <sub>4</sub> , ppm wet (EPA Method ALT 097)	<10.0	<10.0	<10.0	<10.0	
CH <sub>4</sub> , ppmvd	<10.9	<11.0	<10.8	<10.9	
CH <sub>4</sub> , lb/hr	<0.40	<0.428	<0.380	<0.404	
CH <sub>4</sub> Destruction Efficiency, %	99.972%	99.972%	99.973%	99.972%	> 99%
<b>NMOC Emissions (reported as CH<sub>4</sub>):</b>					
NMOC, ppm wet (EPA Method ALT 097)	1.4	<1.0	<1.0	<1.1	
NMOC, ppmvd	1.5	<1.1	<1.1	<1.2	
NMOC, lb/hr as CH <sub>4</sub>	0.056	<0.043	<0.038	<0.046	
NMOC, ppm @ 3% O <sub>2</sub>	3.6	<2.5	<2.5	<2.9	30*
NMOC Destruction Efficiency, %	98.050%	98.558%	98.604%	98.404%	>98%*

\* >98% NMOC destruction efficiency or <30 ppm NMOC @ 3% O<sub>2</sub>

**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 foot per minute  
 NO<sub>x</sub> = oxides of nitrogen, reported as NO<sub>2</sub> (MW = 46)  
 CO = carbon monoxide (MW = 28)  
 THC = total hydrocarbons reported as methane (MW = 16)  
 NMOC = non-methane organic compounds, reported as methane  
 SO<sub>2</sub> = sulfur dioxide (MW = 64.1)

**CALCULATIONS,**

PPM @ 15% O<sub>2</sub> = ppm · 5.9 / (20.9 - %O<sub>2</sub>)  
 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/MMBtu = (lb/hr)/(MMBtu/hr)  
 lb/day = lb/hr · 24  
 Destruction Efficiency = (inlet lb/hr- outlet lb/hr) / inlet lb/hr  
 <Value = <2% of Analyzer Range  
 ppm dry = ppm wet · 100 / (100 - %H<sub>2</sub>O)  
 SO<sub>2</sub> emission ppm = H<sub>2</sub>S in fuel \* fuel flow rate / stack gas flow rate  
 NMOC, ppm as hexane = NMOC, ppm as CH<sub>4</sub> / 6

**TABLE #2**

Permit TACs - Conditon 10164 Part 23

**Ox Mountain (Los Trancos Canyon Landfill)  
Landfill Gas Flare A-7**

Compound	Method	Units	Landfill Gas Samples			Average Results	Permit Limits (ppbv)
			1-LFG-Flare (A-7)	2-LFG-Flare (A-7)	3-LFG-Flare (A-7)		
1,1,1-Trichloroethane	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	500
1,1,2,2-Tetrachloroethane	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	50
1,1-Dichloroethane (Ethylidene Dichloride)	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	50
1,1-Dichloroethene (Vinylidene Chloride)	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	500
1,2-Dichloroethane (Ethylene Dichloride)	EPA TO-15	ppb	58.7	74.6	64.0	65.8	400
2-Propanol (IPA)	EPA TO-15	ppb	920	1,130	1,010	1,020	60,000
Acrylonitrile	EPA TO-15	ppb	<45.9	<41.9	<40	<43	100
Carbon Disulfide	EPA TO-15	ppb	<183	<168	<160	<170	500
Carbon Tetrachloride	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	50
Chlorobenzene	EPA TO-15	ppb	45.9	41.9	40.0	42.6	500
Chloroethane (Ethyl Chloride)	EPA TO-15	ppb	79.8	83.0	102.0	88.3	1,000
Chloroform	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	50
1,4-Dichlorobenzene	EPA TO-15	ppb	413	542	435	463	900
Dichloromethane (Methylene Chloride)	EPA TO-15	ppb	<91.7	<83.8	<80.0	<85.2	1,000
Ethyl Benzene	EPA TO-15	ppb	2,550	3,000	2,710	2,753	7,000
1,2 Dibromoethane (Ethylene Dibromide)	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	50
Hexane	EPA TO-15	ppb	254	271	270	265	5,000
2-Butanone (MEK)	EPA TO-15	ppb	3,330	3,950	3,720	3,667	40,000
Tetrachloroethylene (Perchloroethylene)	EPA TO-15	ppb	<45.9	43.6	<40.0	<43.2	600
Trichloroethylene (TCE)	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	400
Toluene	EPA TO-15	ppb	3,260	3,880	3,530	3,557	30,000
Benzene	EPA TO-15	ppb	840	1,060	962	954	3,000
m,p-Xylene	EPA TO-15	ppb	3,390	4,170	3,750	3,770	
o-Xylene	EPA TO-15	ppb	1,320	1,620	1,450	1,463	
Xylenes	EPA TO-15	ppb	4,710	5,790	5,200	5,233	30,000
Vinyl Chloride	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	300

TABLE #3

Ox Mountain (Los Trancos Canyon Landfill)  
Landfill Gas Flare A-9

Parameter	Run 1	Run 2	Run 3	Average Results	Permit Limits
Test Date	7/20/23	7/20/23	7/20/23		
Test Time	1319-1358	1417-1455	1516-1553		
Standard Temperature, °F	70	70	70		
<b>Process Parameters:</b>					
Flare Temperature, °F	1,546	1,552	1,551	1,550	
<b>Fuel Gas:</b>					
LFG Fuel Flow Rate, SCFM	996	990	997	994	
Total Fuel Heat Input, MMBtu/hr	30.3	29.9	30.2	30.1	
Total Reduced Sulfur Compounds as H <sub>2</sub> S, ppm	184	202	242	209	265
Inlet CH <sub>4</sub> , ppmvd	502,000	499,000	501,000	500,667	
Inlet CH <sub>4</sub> , lb/hr	1,241	1,226	1,240	1,236	
Inlet NMOC, ppmvd as CH <sub>4</sub> (EPA Method 25C)	1,096	1,037	1,020	1,051	
Inlet NMOC, lb/hr as CH <sub>4</sub>	2.71	2.55	2.52	2.59	
Inlet THC, ppm as CH <sub>4</sub>	503,096	500,037	502,020	501,718	
Inlet THC, lb/hr as CH <sub>4</sub>	1,244	1,229	1,242	1,238	
<b>Stack Gas:</b>					
Exhaust Flow Rate, DSCFM (EPA Method 19)	15,027	14,599	13,967	14,531	
Oxygen (O <sub>2</sub> ), % volume dry	14.3	14.2	13.8	14.1	
Carbon Dioxide (CO <sub>2</sub> ), % volume dry	5.4	5.7	5.8	5.6	
Moisture (H <sub>2</sub> O), % volume dry	15.1	18.2	15.5	16.3	
<b>NO<sub>x</sub> Emissions (reported as NO<sub>2</sub>):</b>					
NO <sub>x</sub> , ppm	14.0	14.7	15.3	14.7	
NO <sub>x</sub> , ppm @ 3% O <sub>2</sub>	38.0	39.4	38.8	38.7	39
NO <sub>x</sub> , lb/hr	1.50	1.53	1.52	1.52	
NO <sub>x</sub> , lb/MMBtu	0.050	0.051	0.050	0.050	0.052
<b>CO Emissions:</b>					
CO, ppm	42.8	28.3	24.1	31.7	
CO, ppm @ 3% O <sub>2</sub>	116.1	75.7	61.0	84.3	184
CO, lb/hr	2.79	1.80	1.46	2.02	
CO, lb/MMBtu	0.092	0.060	0.048	0.067	0.15
<b>Sulfur Dioxide (SO<sub>2</sub>) Emissions:</b>					
SO <sub>2</sub> , ppm (calculated)	12.19	13.69	17.27	14.39	
SO <sub>2</sub> , lb/hr	1.822	1.988	2.400	2.070	
<b>THC Emissions (reported as CH<sub>4</sub>):</b>					
THC, ppm (EPA Method ALT 097)	<11.8	<12.2	<11.8	<11.9	
THC, lb/hr	0.439	<0.443	<0.410	<0.431	
THC Destruction Efficiency, %	99.9999%	99.9999%	99.9999%	99.9999%	98
<b>Methane (CH<sub>4</sub>) Emissions:</b>					
CH <sub>4</sub> , ppm wet (EPA Method ALT 097)	<10.0	<10.0	<10.0	<10.0	
CH <sub>4</sub> , ppmvd	<11.8	<12.2	<11.8	<11.9	
CH <sub>4</sub> , lb/hr	<0.439	<0.443	<0.410	<0.431	
CH <sub>4</sub> Destruction Efficiency, %	99.965%	99.964%	99.967%	99.965%	> 99%
<b>NMOC Emissions (reported as CH<sub>4</sub>):</b>					
NMOC, ppm wet (EPA Method ALT 097)	1.0	<1.0	<1.0	<1.0	
NMOC, ppmvd @ 3% O <sub>2</sub> as hexane (C <sub>6</sub> H <sub>14</sub> )	1.2	<1.2	<1.2	<1.2	
NMOC, lb/hr as CH <sub>4</sub>	0.044	<0.044	<0.041	<0.043	
NMOC, ppm @ 3% O <sub>2</sub>	3.2	<3.3	<3.0	<3.2	30 <sup>*</sup>
NMOC Destruction Efficiency, %	98.372%	98.261%	98.375%	98.336%	>98% <sup>*</sup>

\* >98% NMOC destruction efficiency or <30 ppm NMOC @ 3% O<sub>2</sub>

**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 foot per minute  
 NO<sub>x</sub> = oxides of nitrogen, reported as NO<sub>2</sub> (MW = 46)  
 CO = carbon monoxide (MW = 28)  
 THC = total hydrocarbons reported as methane (MW = 16)  
 NMOC = non-methane organic compounds, reported as methane  
 SO<sub>2</sub> = sulfur dioxide (MW = 64.1)

**CALCULATIONS,**

PPM @ 15% O<sub>2</sub> = ppm · 5.9 / (20.9 - %O<sub>2</sub>)  
 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/MMBtu = (lb/hr)/(MMBtu/hr)  
 lb/day = lb/hr · 24  
 Destruction Efficiency = (inlet lb/hr- outlet lb/hr) / inlet lb/hr  
 <Value = <2% of Analyzer Range  
 ppm dry = ppm wet · 100 / (100 - %H<sub>2</sub>O)  
 SO<sub>2</sub> emission ppm = H<sub>2</sub>S in fuel \* fuel flow rate / stack gas flow rate  
 NMOC, ppm as hexane = NMOC, ppm as CH<sub>4</sub> / 6

**TABLE #4**

Permit TACs - Conditon 10164 Part 23

**Ox Mountain (Los Trancos Canyon Landfill)  
Landfill Gas Flare A-9**

Compound	Method	Units	Landfill Gas Samples			Average Results	Permit Limits (ppbv)
			1-LFG-Flare A-9	2-LFG-Flare A-9	3-LFG-Flare A-9		
1,1,1-Trichloroethane	EPA TO-15	ppb	<45.2	<47.5	<45.7	<46.1	500
1,1,2,2-Tetrachloroethane	EPA TO-15	ppb	<45.2	<47.5	<45.7	<46.1	50
1,1-Dichloroethane (Ethylidene Dichloride)	EPA TO-15	ppb	<45.2	<47.5	<45.7	<46.1	50
1,1-Dichloroethene (Vinylidene Chloride)	EPA TO-15	ppb	<45.2	<47.5	<45.7	<46.1	500
1,2-Dichloroethane (Ethylene Dichloride)	EPA TO-15	ppb	141	137	129	136	400
2-Propanol (IPA)	EPA TO-15	ppb	5,500	5,440	5,120	5,353	60,000
Acrylonitrile	EPA TO-15	ppb	<45.2	<47.5	<45.7	<46.1	100
Carbon Disulfide	EPA TO-15	ppb	<181	<190	<183	<185	500
Carbon Tetrachloride	EPA TO-15	ppb	<45.2	<47.5	<45.7	<46.1	50
Chlorobenzene	EPA TO-15	ppb	<45.2	<47.5	<45.7	<46.1	500
Chloroethane (Ethyl Chloride)	EPA TO-15	ppb	<45.2	<47.5	<45.7	<46.1	1,000
Chloroform	EPA TO-15	ppb	<45.2	<57.5	<45.7	<49.5	50
1,4-Dichlorobenzene	EPA TO-15	ppb	492	514	503	503	900
Dichloromethane (Methylene Chloride)	EPA TO-15	ppb	<90.4	<94.9	<91.4	<92.2	1,000
Ethyl Benzene	EPA TO-15	ppb	2,590	2,610	2,500	2,567	7,000
1,2 Dibromoethane (Ethylene Dibromide)	EPA TO-15	ppb	<45.2	<47.5	<45.7	<46.1	50
Hexane	EPA TO-15	ppb	420	377	330	376	5,000
2-Butanone (MEK)	EPA TO-15	ppb	8,570	8,420	7,650	8,213	40,000
Tetrachloroethylene (Perchloroethylene)	EPA TO-15	ppb	76.8	75.0	77.7	76.5	600
Trichloroethylene (TCE)	EPA TO-15	ppb	60.6	62.6	63.1	62.1	400
Toluene	EPA TO-15	ppb	3,790	3,720	3,550	3,687	30,000
Benzene	EPA TO-15	ppb	917	908	866	897	3,000
m,p-Xylene	EPA TO-15	ppb	3,700	3,730	3,680	3,703	
o-Xylene	EPA TO-15	ppb	1,450	1,460	1,420	1,443	
Xylenes	EPA TO-15	ppb	5,150	5,190	5,100	5,147	30,000
Vinyl Chloride	EPA TO-15	ppb	50.6	48.4	47.5	48.8	300

Preliminary CEM System QA/QC Summary Sheet

Facility: Ox Mountain (Los Trancos Canyon Landfill)

7/21/23

Location: Landfill Gas Flare A-7

JS/TJE

Parameter	O2	CO2	NOx	CO		Comments
Analyzer	1400	1400	42C	48C		
Instrument Range	25	20	25	100		
Units	%	%	ppm	ppm		
EPA Range (high span)	20.59	18.24	23.06	85.62		
<b>Low Cal Value</b>	0	0	0	0		EPA 20 & 25A only
Cylinder #	-	-	-	-		
<b>Mid Cal Value</b>	10.44	9.61	12.87	45.01		
Cylinder #	CC762828	CC762828	CC743740	CC734187		
<b>High Cal Value</b>	20.59	18.24	23.06	85.62		
Cylinder #	EB0127497	EB0127497	EB0155892	ALM013305		

**LINEARITY**

<b>Low Cal (internal)</b>	0.05	0.00	-0.05	0.02		zero gas
Abs. Difference	0.05	0.00	-0.05	0.02		
% Linearity	<b>0.20</b>	<b>0.00</b>	<b>-0.20</b>	<b>0.02</b>		<2%
<b>Mid Cal (internal)</b>	10.44	9.67	12.82	44.71		set at mid
Abs. Difference	0.00	0.06	-0.05	-0.30		
% Linearity	<b>0.00</b>	<b>0.30</b>	<b>-0.20</b>	<b>-0.30</b>		<2%
<b>High Cal (internal)</b>	20.59	18.26	23.06	86.4		
Abs. Difference	0.00	0.02	0.00	0.75		
% Linearity	<b>0.00</b>	<b>0.10</b>	<b>0.00</b>	<b>0.75</b>		<2%

**Initial SYSTEM BIAS Check**

<b>Zero (internal)</b>	0.05	0.00	-0.05	0.02		
<b>Zero (external)</b>	0.06	0.03	0.03	0.06		
Abs. Difference	0.01	0.03	0.08	0.04		
Bias, % range	<b>0.04</b>	<b>0.15</b>	<b>0.32</b>	<b>0.04</b>		EPA 20/6C/7E (±5%)
<b>Cal (internal)</b>	10.44	9.67	12.82	44.71		
<b>Cal (external)</b>	10.56	9.63	12.75	44.69		
Abs. Difference	0.12	-0.04	-0.07	-0.02		
Bias, % range	<b>0.48</b>	<b>-0.20</b>	<b>-0.28</b>	<b>-0.02</b>		EPA 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			
Cal to Zero	60	60	60			

System Cal. Bias (Limit ± 5%) =  $\frac{100 \cdot (\text{External cal} - \text{Internal cal})}{\text{Span Range}}$

% Linearity (Limit ± 2%) =  $\frac{100 \cdot (\text{Cal Gas Value} - \text{Internal cal})}{\text{Span Range}}$

% Efficiency (Limit >95%) =  $\frac{100 \cdot \text{NO}_2 \text{ response}}{\text{NO}_2 \text{ cal gas value}}$


12.59 ppm
12.16 ppm
96.6%

**BLUE SKY ENVIRONMENTAL, INC**

**CEM Bias Correction Summary**

Facility:	<u>Ox Mountain (Los Trancos Canyon Landfill)</u>	<u>29.96</u>
Unit:	<u>Landfill Gas Flare A-7</u>	<u>OK</u>
Condition:	<u>1,616°F</u>	<u>OK</u>
Date:	<u>7/21/23</u>	<u>JS/TJE</u>

Parameter	O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO		
Analyzer	1400	1400	42C	48C		
Instrument Range	25	20	25	100		r
EPA Span	20.59	18.24	23.06	85.62		
Units	%	%	ppm	ppm		
<b>Span Gas Value</b>	<b>10.44</b>	<b>9.61</b>	<b>12.87</b>	<b>45.01</b>		<b>Ccal Primary</b>
Span Gas Value	10.44	9.61	23.06	45.0		Ccal Secondary

Initial Zero (internal)	0.05	0.00	-0.05	0.02		Analyzer Response, Ca
Initial High Cal (internal)	20.59	18.26	23.06	86.4		Analyzer Response, Ca
Initial Mid Cal (internal)	10.44	9.67	12.82	44.71		Analyzer Response, Ca
Initial Cal Run (internal)	10.44	9.67	12.82	44.71		Analyzer Response, Ca

<b>Run 1</b>		0.06	0.03	0.03	0.06		zero (initial), Cib
Test Time:		10.56	9.63	12.75	44.69		cal (initial), Cib
0815-0855		<b>13.31</b>	<b>6.50</b>	<b>13.28</b>	<b>5.51</b>		TEST AVG, Cavg
		0.09	0.01	0.05	0.12		zero (final), Cfb
		10.39	9.64	12.73	44.71		cal (final), Cfb
EPA	3%	0.1%	-0.1%	0.1%	0.1%		zero drift, % of Span
EPA	3%	-0.8%	0.1%	-0.1%	0.0%		cal drift % of Span
EPA	5%	0.2%	0.1%	0.4%	0.1%		% zero bias
EPA	5%	-0.2%	-0.2%	-0.4%	0.0%		% cal bias
		<b>13.28</b>	<b>6.47</b>	<b>13.41</b>	<b>5.47</b>		<b>Cgas</b>

<b>Run 2</b>		0.09	0.01	0.05	0.12		zero (initial), Cib
Test Time:		10.39	9.64	12.73	44.71		cal (initial), Cib
0916-0955		<b>13.03</b>	<b>6.69</b>	<b>13.99</b>	<b>3.10</b>		TEST AVG, Cavg
		0.09	0.01	0.05	0.06		zero (final), Cfb
		10.31	9.65	12.76	44.75		cal (final), Cfb
EPA	3%	0.0%	0.0%	0.0%	-0.1%		zero drift, % of Span
EPA	3%	-0.4%	0.1%	0.1%	0.0%		cal drift % of Span
EPA	5%	0.2%	0.1%	0.4%	0.0%		% zero bias
EPA	5%	-0.6%	-0.1%	-0.3%	0.0%		% cal bias
		<b>13.17</b>	<b>6.66</b>	<b>14.13</b>	<b>3.03</b>		<b>Cgas</b>

<b>Run 3</b>		0.09	0.01	0.05	0.06		zero (initial), Cib
Test Time:		10.31	9.65	12.76	44.75		cal (initial), Cib
1012-1051		<b>12.84</b>	<b>6.86</b>	<b>13.25</b>	<b>0.53</b>		TEST AVG, Cavg
		0.04	0.01	0.03	0.09		zero (final), Cfb
		10.35	9.59	12.72	44.61		cal (final), Cfb
EPA	3%	-0.2%	0.0%	-0.1%	0.0%		% zero drift
EPA	3%	0.2%	-0.3%	-0.2%	-0.2%		% cal drift
EPA	5%	0.0%	0.1%	0.3%	0.1%		% zero bias
EPA	5%	-0.4%	-0.4%	-0.4%	-0.1%		% cal bias
		<b>12.99</b>	<b>6.85</b>	<b>13.39</b>	<b>0.46</b>		<b>Cgas</b>

Pollutant Concentration (Cgas) = (Cavg - Co) · Ccal / (Ccal - Co)

Zero and Calibration Drift = 100 · (Cfb - Cib) / r

Bias = 100 · (Cfb - Ca) / r

Co = (Cib + Cfb) / 2 for zero gas

Ccal = (Cib + Cfb) / 2 for cal gas

Cib (CARB=Pre-first run) (EPA=Pre-run)

**BLUE SKY ENVIRONMENTAL**

**CEM Correction Summary**

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Condition: 1,616°F  
 Date: 7/21/23

Barometric: 29.96  
 Leak Check: OK  
 Strat. Check: OK  
 Personnel: JS/TJE

Parameter	CH <sub>4</sub>	Linearity	Error	NMOC	Linearity	Error	Comments
Analyzer	55C	55C	55C	55C	55C	55C	
Range	500	500		50	50		
Units	ppm	ppm	%	ppm	ppm	%	
<b>Span High Value</b>	<b>444.6</b>	444.87	0.06	<b>44.07</b>	43.61	-1.04	< 5%
Cylinder #	<b>CC34758</b>	-	-	<b>CC34758</b>	-	-	
<b>Span Mid Value</b>	248.1	245.67	-0.98	25.359	26.00	2.53	< 5%
Cylinder #	EB0117673	-	-	EB0117673	-	-	
<b>Span Low Value</b>	150.2	153.79	2.39	14.847	15.49	4.33	< 5%
Cylinder #	CC741885	-	-	CC741885	-	-	

<b>Run 1</b>		0.90			0.00		zero (initial), Zi
Test Time:		449.41			43.48		mid cal (initial), Si
0815-0855		<b>-0.59</b>			<b>1.39</b>		TEST AVG
		0.00			0.00		zero (final), Zf
		449.41			43.48		mid cal (final), Sf
EPA	3%	-0.2%			0.0%		zero drift
EPA	3%	0.0%			0.0%		cal drift

**CORRECTED AVG**

<b>Run 2</b>		0.00			0.00		zero (initial), Zi
Test Time:		449.41			43.48		mid cal (initial), Si
0916-0955		<b>-0.60</b>			<b>0.63</b>		TEST AVG
		0.86			0.69		zero (final), Zf
		447.89			42.85		mid cal (final), Sf
EPA	3%	0.2%			1.6%		zero drift
EPA	3%	-0.3%			-1.4%		cal drift

**CORRECTED AVG**

<b>Run 3</b>		0.86			0.69		zero (initial), Zi
Test Time:		447.89			42.85		mid cal (initial), Si
1012-1051		<b>-0.57</b>			<b>0.29</b>		TEST AVG
		0.94			0.56		zero (final), Zf
		445.88			43.07		mid cal (final), Sf
EPA	3%	0.0%			-0.3%		zero drift
EPA	3%	-0.5%			0.5%		cal drift

**CORRECTED AVG**

Calibration Error (Linearity), % =  $100 \cdot (\text{Measured Response} - \text{Span Gas Value}) / \text{Span Gas Value} - \text{LIMIT } 5\%$   
 Zero Drift, % =  $100 \cdot (Zf - Zi) / \text{Instrument Range} - \text{LIMIT } 3\%$   
 Span Drift, % =  $100 \cdot (Sf - Si) / \text{Instrument Range} - \text{LIMIT } 3\%$   
 Corrected Value =  $[\text{Test Avg.} - ((Zi+Zf) / 2)] \cdot \text{Span Gas Value} / [((Si+Sf) / 2) - ((Zi+Zf) / 2)]$



**Stack Moisture Determination**

**EPA Method 4**

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Condition: 1,616°F  
 Date: 7/21/23

	Run 1	Run 2	Run 3	
Test Time	0815-0856	0916-0955	1012-1052	
Uncorrected Meter Volume (Vm)	22.064	22.011	22.182	ft <sup>3</sup>
Meter Factor (Yd)	0.9645	0.9645	0.9645	
Barometric Pressure (Pb)	29.96	29.96	29.96	"Hg
Meter Pressure (ΔH)	1.70	1.70	1.70	"H <sub>2</sub> O
Meter Temperature (Tm)	63.8	70.8	73.3	°F
Standard Temperature (Tstd)	70	70	70	°F
Impinger H <sub>2</sub> O Gain (Vw imp)	37.0	38.5	36.0	g
Silica Gel Wt. Gain (Vw sg)	4.6	5.4	1.8	g
Total H <sub>2</sub> O Gain (Vw)	41.6	43.9	37.8	g
Moisture Vapor (Vw std)	1.968	2.076	1.788	ft <sup>3</sup>
<b>Standard Meter Volume (Vm std)</b>	<b>21.650</b>	<b>21.313</b>	<b>21.378</b>	<b>dscf</b>
<b>Percent of H<sub>2</sub>O in Stack</b>	<b>8.3</b>	<b>8.9</b>	<b>7.7</b>	<b>%</b>

**WHERE:**

ft<sup>3</sup> = cubic foot  
 H<sub>2</sub>O = water  
 Hg = mercury  
 °F = Fahrenheit  
 ml = milliliter  
 g = gram  
 % = percent

**CALCULATIONS:**

$$Vw\ std = 0.00267 \cdot Vw \cdot (Tstd + 460) / 29.92$$

$$Vm\ std = Vm \cdot Yd \cdot (Tstd + 460) \cdot (Pb + (\Delta H/13.6)) / (Tm + 460) / 29.92$$

$$\text{Stack moisture H}_2\text{O \%} = 100 \cdot Vw\ std / (Vw\ std + Vm\ std)$$

**Stack Gas Flow Rate Determination**

**EPA Method 19**

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Condition: 1,616°F  
 Date: 7/21/2023

	<b>Run 1</b>	<b>Run 2</b>	<b>Run 3</b>	
Test Time	0815-0855	0916-0955	1012-1051	
# cubic feet/rev	1,366.0	1,338.1	1,350.0	ft <sup>3</sup>
# of seconds/rev	60	60	60	seconds
Gas Line Pressure	0.0	0.0	0.0	PSI Gauge
Gas Line Pressure	14.7	14.7	14.7	PSI Absolute
Gross Calorific Value @ 60°F	431.5	469.2	429.0	Btu / ft <sup>3</sup>
Stack Oxygen	13.3	13.2	13.0	%
Gas Fd-Factor @ 60°F	9,227	9,257	9,237	DSCF/MMBtu
Gas Temperature	70	70	70	°F
Standard Temperature (Tstd)	70	70	70	°F
Realtime Fuel Rate	1,366	1,338	1,350	CFM
Corrected Fuel Rate @ Tstd	1,366	1,338	1,350	SCFM
Fuel Flow Rate	81,960	80,286	81,000	SCFH
Million Btu per minute	0.578	0.616	0.568	MMBtu/min
Heat Input	34.7	37.0	34.1	MMBtu/hr
<b>Stack Gas Flow Rate @ Tstd</b>	<b>14,927</b>	<b>15,702</b>	<b>14,141</b>	<b>DSCFM</b>

**WHERE:**

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)  
 MMBtu = Million Btu

**CALCULATIONS:**

$$\text{SCFM} = \text{CFM} \cdot 528 \cdot (\text{PSIA}) / 14.7 / (\text{gas}^\circ\text{F} + 460)$$

$$\text{SCFH} = \text{SCFM} \cdot 60$$

$$\text{MMBtu/min} = (\text{SCFM} \cdot \text{Btu/ft}^3) / 1,000,000$$

$$\text{MMBtu/hr heat input} = \text{MMBtu/min} \cdot 60$$

$$\text{DSCFM} = \text{Gas Fd-Factor} \cdot \text{MMBtu/min} \cdot 20.9 / (20.9 - \text{O}_2\%)$$

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Sample ID: 1-LFG-Flare (A-7)  
 Date: 7/21/23

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, Y <sub>bi</sub>	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, S <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, x <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, x <sub>i</sub> Y <sub>bi</sub>	x <sub>i</sub> MW	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	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000							
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.8	0.0180	0.0013	5.8	0.0000	0.0363							0.0000	
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	23.0	0.2300	0.2225	0.0	0.0038	6.4423	0.2286				0.2286		0.2286	3.0736
Oxygen	32.00	1.1053	0.0		11.819	4.5	0.0450	0.0497	0.0	0.0000	1.4400	0.0511			0.0511			0.0511	0.6040
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011			0.0020	0.0269
Carbon Dioxide‡	44.01	1.5194	0.0	0.0640	8.548	30.6	0.3060	0.4649	0.0	0.0196	13.4671	0.4779	0.1304	0.0000	0.3475			0.4779	4.0855
Methane	16.04	0.5539	1012.0	0.0436	23.565	41.9	0.4190	0.2321	424.0	0.0183	6.7208	0.2385	0.1786	0.0600				0.2385	5.6207
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	<4.6	0.000005	0.0000	0.0	0.0000	0.0001	0.0000	0.0000	0.0000				0.0000	0.0001
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	15.9	0.0000159	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000				0.0000	0.0002
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	6.1	0.0000061	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0001
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	3.1	0.0000031	0.0000	0.0	0.0000	0.0002	0.0000	0.0000	0.0000				0.0000	0.0000
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	7.0	0.0000070	0.0000	0.0	0.0000	0.0006	0.0000	0.0000	0.0000				0.0000	0.0001
C <sub>6</sub> + <b>Total</b>	86.17 1.0202	2.9753 0.973	4758.0 431.3	0.2830 SG	4.398 Btu/ft <sup>3</sup>	144.8	0.0001448	0.0004	0.7	0.0000 Σx <sub>i</sub> Y <sub>bi</sub>	0.0125 ΣxiMW	0.0004	0.0005	0.0001				0.0006	0.0019 13.41

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14) **1.744** **31.08%** **6.01%** **40.02%** **22.89%** **0.00%**

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F) **0.973**

Compressibility Factor (Z) **0.9995**

$$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2 \sum x_{H_2} \cdot x_{H_2}^2) (0.0005)]$$

Specific Gravity (corrected) **0.973**

Specific Volume, (SV) ft<sup>3</sup>/lb **13.41** ft<sup>3</sup>/lb

Gross Calorific Value (GCV) **431.5** Btu/ft<sup>3</sup> Gross @ 60°F

**425.0** Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV)  $Btu/lb = Btu/ft^3 * ft^3/lb$  **5,788** Btu/lb @ 68°F

Gross Calorific Value, wet (GCVw)  $GCV * (1-H_2O)$  (ASTM D-3588, eqn 14) **5,687** Btu/lb @ 68°F

Gas Fd-Factor (EPA Method 19, eqn 19-13) **9,369** DSCF/MMBtu @ 68°F

$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$  **9,227** DSCF/MMBtu @ 60°F

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Sample ID: 2-LFG-Flare (A-7)  
 Date: 7/21/23

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, A <sub>bi</sub>	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, s <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, s <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, s <sub>i</sub> A <sub>bi</sub>	s <sub>i</sub> MW	Weight Fraction, s <sub>i</sub> MW / Σs <sub>i</sub> MW	CARBON Weight Fraction	HYDROGE N Weight Fraction	OXYGE N Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb
Helium‡	4.00	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000							
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.7	0.0170	0.0012	5.5	0.0000	0.0343							0.0000	
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	18.1	0.1810	0.1751	0.0	0.0030	5.0698	0.1803				0.1803		0.1803	2.4233
Oxygen	32.00	1.1053	0.0		11.819	2.9	0.0290	0.0321	0.0	0.0000	0.9280	0.0330			0.0330			0.0330	0.3900
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011			0.0020	0.0269
Carbon Dioxide‡	44.01	1.5194	0.0	0.0640	8.548	33.4	0.3340	0.5075	0.0	0.0214	14.6993	0.5227	0.1426	0.0000	0.3800			0.5227	4.4676
Methane	16.04	0.5539	1012.0	0.0436	23.565	45.6	0.4560	0.2526	461.5	0.0199	7.3142	0.2601	0.1947	0.0654				0.2601	6.1285
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	<4.2	0.000004	0.0000	0.0	0.0000	0.0001	0.0000	0.0000	0.0000				0.0000	0.0001
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	18.7	0.0000187	0.0000	0.0	0.0000	0.0008	0.0000	0.0000	0.0000				0.0000	0.0002
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	7.1	0.0000071	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0001
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	5.5	0.0000055	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0001
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	6.9	0.0000069	0.0000	0.0	0.0000	0.0006	0.0000	0.0000	0.0000				0.0000	0.0001
C <sub>6</sub> +	86.17	2.9753	4758.0	0.2830	4.398	237.1	0.0002371	0.0007	1.1	0.0001	0.0204	0.0007	0.0008	0.0002				0.0010	0.0032
<b>Total</b>							1.0193	0.971 SG	468.9 Btu/ft <sup>3</sup>	0.0229 Σx <sub>i</sub> √b <sub>i</sub>	28.1245 ΣxiMW	0.9988	33.94%	6.56%	41.46%	18.04%	0.00%	0.9991	13.44 ft <sup>3</sup> /lb

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14)

1.744

33.94% 6.56% 41.46% 18.04% 0.00%

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F)

0.971

Compressibility Factor (Z)

0.9995

$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2x_{H_2O} \cdot x_{H_2O}^2) (0.0005)]$

Specific Gravity (corrected)

0.972

Specific Volume, (SV) ft<sup>3</sup>/lb

13.44 ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

469.2 Btu/ft<sup>3</sup> Gross @ 60°F

462.0 Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV)

$Btu/lb = Btu/ft^3 * ft^3 / lb$

6,305 Btu/lb @ 68°F

Gross Calorific Value, wet (GCVw)

$GCV * (1-H_2O)$  (ASTM D-3588, eqn 14)

6,195 Btu/lb @ 68°F

Gas Fd-Factor (EPA Method 19, eqn 19-13)

9,399 DSCF/MMBtu @ 68°F

$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$

9,257 DSCF/MMBtu @ 60°F

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Sample ID: 3-LFG-Flare (A-7)  
 Date: 7/21/23

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, A <sub>bi</sub>	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, s <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, s <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, s <sub>i</sub> A <sub>bi</sub>	s <sub>i</sub> MW	Weight Fraction, s <sub>i</sub> MW / Σs <sub>i</sub> MW	CARBON Weight Fraction	HYDROGE N Weight Fraction	OXYGE N Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb	
Helium‡	4.00	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000								
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.6	0.0160	0.0011	5.2	0.0000	0.0323							0.0000		
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	23.2	0.2320	0.2244	0.0	0.0038	6.4983	0.2305				0.2305		0.2305	0.2305	3.0992
Oxygen	32.00	1.1053	0.0		11.819	4.6	0.0460	0.0508	0.0	0.0000	1.4720	0.0522			0.0522			0.0522	0.0522	0.6172
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011			0.0020	0.0020	0.0268
Carbon Dioxide‡	44.01	1.5194	0.0	0.0640	8.548	30.5	0.3050	0.4634	0.0	0.0195	13.4231	0.4762	0.1300	0.0000	0.3463			0.4762	0.4762	4.0707
Methane	16.04	0.5539	1012.0	0.0436	23.565	41.7	0.4170	0.2310	422.0	0.0182	6.6887	0.2373	0.1777	0.0597				0.2373	0.2373	5.5919
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	<4.0	0.000004	0.0000	0.0	0.0000	0.0001	0.0000	0.0000	0.0000				0.0000	0.0001	0.0001
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	15.9	0.0000159	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000				0.0000	0.0002	0.0002
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	6.1	0.0000061	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0001	0.0001
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000	0.0000
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	3.3	0.0000033	0.0000	0.0	0.0000	0.0002	0.0000	0.0000	0.0000				0.0000	0.0000	0.0000
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000	0.0000
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	6.7	0.0000067	0.0000	0.0	0.0000	0.0006	0.0000	0.0000	0.0000				0.0000	0.0001	0.0001
C <sub>6</sub> +	86.17	2.9753	4758.0	0.2830	4.398	167.2	0.0001672	0.0005	0.8	0.0000	0.0144	0.0005	0.0006	0.0001				0.0007	0.0022	0.0022
<b>Total</b>							1.0182	<b>0.973</b> SG	<b>428.8</b> Btu/ft <sup>3</sup>	0.0220	28.1867	0.9989	0.3091	0.0598	0.3996	0.2305	0.0000	0.9991	<b>13.41</b> ft <sup>3</sup> /lb	
										Σx <sub>i</sub> √b <sub>i</sub>	ΣxiMW		<b>30.94%</b>	<b>5.98%</b>	<b>40.00%</b>	<b>23.08%</b>	<b>0.00%</b>			

%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)

0.973

Compressibility Factor (Z)

0.9995

$$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2x_{H_2O} \cdot x_{H_2O}^2) (0.0005)]$$

Specific Gravity (corrected)

0.974

Specific Volume, (SV) ft<sup>3</sup>/lb

13.41 ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

429.0 Btu/ft<sup>3</sup> Gross @ 60°F

422.5 Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV) Btu/lb = Btu/ft<sup>3</sup> \* ft<sup>3</sup>/lb

5,752 Btu/lb @ 68°F

Gross Calorific Value, wet (GCVw) GCV \* (1-H<sub>2</sub>O) (ASTM D-3588, eqn 14)

5,652 Btu/lb @ 68°F

Gas Fd-Factor (EPA Method 19, eqn 19-13)

9,379 DSCF/MMBtu @ 68°F

$$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$$

9,237 DSCF/MMBtu @ 60°F

Preliminary CEM System QA/QC Summary Sheet

Facility: Ox Mountain (Los Trancos Canyon Landfill)

7/20/23

Location: Landfill Gas Flare A-9

JS/TJE

Parameter	O2	CO2	NOx	CO	Comments
Analyzer	1400	1400	42C	48C	
Instrument Range	25	20	50	100	
Units	%	%	ppm	ppm	
EPA Range (high span)	20.59	18.24	23.06	85.62	
<b>Low Cal Value</b>	0	0	0	0	EPA 20 & 25A only
Cylinder #	-	-	-	-	
<b>Mid Cal Value</b>	10.44	9.610	12.87	45.01	
Cylinder #	CC762828	CC762828	CC743740	CC734187	
<b>High Cal Value</b>	20.59	18.24	23.06	85.6	
Cylinder #	EB0127497	EB0127497	EB0155892	ALM013305	

LINEARITY

<b>Low Cal (internal)</b>	0.04	-0.03	-0.06	0.69	zero gas
Abs. Difference	0.04	-0.03	-0.06	0.69	
% Linearity	<b>0.16</b>	<b>-0.15</b>	<b>-0.12</b>	<b>0.69</b>	<2%
<b>Mid Cal (internal)</b>	10.46	9.66	12.87	44.97	set at mid
Abs. Difference	0.02	0.05	0.00	-0.04	
% Linearity	<b>0.08</b>	<b>0.25</b>	<b>0.00</b>	<b>-0.04</b>	<2%
<b>High Cal (internal)</b>	20.55	18.21	23.05	86.3	
Abs. Difference	-0.04	-0.03	-0.01	0.67	
% Linearity	<b>-0.16</b>	<b>-0.15</b>	<b>-0.02</b>	<b>0.67</b>	<2%

Initial SYSTEM BIAS Check

<b>Zero (internal)</b>	0.04	-0.03	-0.06	0.69	
<b>Zero (external)</b>	0.07	-0.03	0.13	0.09	
Abs. Difference	0.03	0.00	0.19	-0.60	
Bias, % range	<b>0.12</b>	<b>0.00</b>	<b>0.38</b>	<b>-0.60</b>	EPA 20/6C/7E (±5%)
<b>Cal (internal)</b>	10.44	9.66	12.87	44.97	
<b>Cal (external)</b>	10.38	9.56	12.70	44.93	
Abs. Difference	-0.06	-0.10	-0.17	-0.04	
Bias, % range	<b>-0.24</b>	<b>-0.50</b>	<b>-0.34</b>	<b>-0.04</b>	EPA 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		
Cal to Zero	60	60	60		

System Cal. Bias (Limit ± 5%) =  $\frac{100 \cdot (\text{External cal} - \text{Internal cal})}{\text{Span Range}}$

% Linearity (Limit ± 2%) =  $\frac{100 \cdot (\text{Cal Gas Value} - \text{Internal cal})}{\text{Span Range}}$

% Efficiency (Limit >95%) =  $\frac{100 \cdot \text{NO}_2 \text{ response}}{\text{NO}_2 \text{ cal gas value}}$


12.59 ppm
12.16 ppm
96.6%

**BLUE SKY ENVIRONMENTAL, INC**

**CEM Bias Correction Summary**

Facility:	<u>Ox Mountain (Los Trancos Canyon Landfill)</u>	<u>30.10</u>
Unit:	<u>Landfill Gas Flare A-9</u>	<u>OK</u>
Condition:	<u>1,550°F</u>	<u>OK</u>
Date:	<u>7/20/23</u>	<u>JS/TJE</u>

Parameter	O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO		
Analyzer	1400	1400	42C	48C		
Instrument Range	25	20	25	100		r
EPA Span	20.59	18.24	23.06	85.62		
Units	%	%	ppm	ppm		
<b>Span Gas Value</b>	<b>10.44</b>	<b>9.61</b>	<b>12.87</b>	<b>45.01</b>		<b>Ccal Primary</b>
Span Gas Value	20.59	18.24	23.06	85.62		Ccal Secondary

Initial Zero (internal)	0.04	-0.03	-0.06	0.69		Analyzer Response, Ca
Initial High Cal (internal)	20.55	18.21	23.05	86.29		Analyzer Response, Ca
Initial Mid Cal (internal)	10.46	9.66	12.87	44.97		Analyzer Response, Ca
Initial Cal Run (internal)	10.44	9.66	12.87	44.97		Analyzer Response, Ca

<b>Run 1</b>		0.07	-0.03	0.13	0.09		zero (initial), Cib
Test Time:		10.38	9.56	12.70	44.93		cal (initial), Cib
1319-1358		<b>14.13</b>	<b>5.32</b>	<b>13.79</b>	<b>42.57</b>		TEST AVG, Cavg
		0.05	-0.04	0.09	0.14		zero (final), Cfb
		10.28	9.53	12.68	44.67		cal (final), Cfb
EPA	3%	-0.1%	-0.1%	-0.2%	0.1%		zero drift, % of Span
EPA	3%	-0.5%	-0.2%	-0.1%	-0.3%		cal drift % of Span
EPA	5%	0.0%	-0.1%	0.7%	-0.6%		% zero bias
EPA	5%	-0.8%	-0.7%	-0.8%	-0.4%		% cal bias
		<b>14.31</b>	<b>5.38</b>	<b>13.99</b>	<b>42.76</b>		<b>Cgas</b>

<b>Run 2</b>		0.05	-0.04	0.09	0.14		zero (initial), Cib
Test Time:		10.28	9.53	12.68	44.67		cal (initial), Cib
1417-1455		<b>13.92</b>	<b>5.62</b>	<b>14.53</b>	<b>28.12</b>		TEST AVG, Cavg
		0.00	-0.15	0.10	0.09		zero (final), Cfb
		10.19	9.41	12.73	44.62		cal (final), Cfb
EPA	3%	-0.2%	-0.6%	0.0%	-0.1%		zero drift, % of Span
EPA	3%	-0.4%	-0.7%	0.2%	-0.1%		cal drift % of Span
EPA	5%	-0.2%	-0.7%	0.7%	-0.7%		% zero bias
EPA	5%	-1.2%	-1.4%	-0.6%	-0.4%		% cal bias
		<b>14.21</b>	<b>5.74</b>	<b>14.73</b>	<b>28.30</b>		<b>Cgas</b>

<b>Run 3</b>		0.00	-0.15	0.10	0.09		zero (initial), Cib
Test Time:		10.19	9.41	12.73	44.62		cal (initial), Cib
1516-1553		<b>13.58</b>	<b>5.69</b>	<b>15.13</b>	<b>23.96</b>		TEST AVG, Cavg
		0.03	-0.08	0.08	0.00		zero (final), Cfb
		10.32	9.59	12.76	44.86		cal (final), Cfb
EPA	3%	0.1%	0.4%	-0.1%	-0.1%		% zero drift
EPA	3%	0.6%	1.0%	0.1%	0.3%		% cal drift
EPA	5%	0.0%	-0.3%	0.6%	-0.8%		% zero bias
EPA	5%	-0.6%	-0.4%	-0.5%	-0.1%		% cal bias
		<b>13.83</b>	<b>5.80</b>	<b>15.30</b>	<b>24.08</b>		<b>Cgas</b>

Pollutant Concentration (Cgas) = (Cavg - Co) · Ccal / (Ccal - Co)

Zero and Calibration Drift = 100 · (Cfb - Cib) / r

Bias = 100 · (Cfb - Ca) / r

Co = (Cib + Cfb) / 2 for zero gas

Cbcal = (Cib + Cfb) / 2 for cal gas

Cib (CARB=Pre-first run) (EPA=Pre-run)

**BLUE SKY ENVIRONMENTAL**

**CEM Correction Summary**

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Condition: 1,550°F  
 Date: 7/20/23

Barometric: 30.10  
 Leak Check: OK  
 Strat. Check: OK  
 Personnel: JS/TJE

Parameter	CH <sub>4</sub>	Linearity	Error	NMOC	Linearity	Error	Comments
Analyzer	55C	55C	55C	55C	55C	55C	
Range	500	500		50	50		
Units	ppm	ppm	%	ppm	ppm	%	
<b>Span High Value</b>	<b>444.6</b>	449.96	1.21	<b>44.07</b>	43.83	-0.54	< 5%
Cylinder #	<b>CC34758</b>	-	-	<b>CC34758</b>	-	-	
<b>Span Mid Value</b>	248.1	245.68	-0.98	25.359	25.06	-1.18	< 5%
Cylinder #	EB0117673	-	-	EB0117673	-	-	
<b>Span Low Value</b>	150.2	146.60	-2.40	14.847	15.10	1.70	< 5%
Cylinder #	CC741885	-	-	CC741885	-	-	

<b>Run 1</b>		-0.22			0.56		zero (initial), Zi
Test Time:		449.96			43.83		mid cal (initial), Si
1319-1358		<b>7.91</b>			<b>1.00</b>		TEST AVG
		0.97			1.07		zero (final), Zf
		455.30			43.92		mid cal (final), Sf
EPA	3%	0.3%			1.2%		zero drift
EPA	3%	1.2%			0.2%		cal drift

**CORRECTED AVG**

<b>Run 2</b>		0.97			1.07		zero (initial), Zi
Test Time:		455.30			43.92		mid cal (initial), Si
1417-1455		<b>2.22</b>			<b>0.56</b>		TEST AVG
		0.93			1.07		zero (final), Zf
		450.84			44.24		mid cal (final), Sf
EPA	3%	0.0%			0.0%		zero drift
EPA	3%	-1.0%			0.7%		cal drift

**CORRECTED AVG**

<b>Run 3</b>		0.93			1.07		zero (initial), Zi
Test Time:		450.84			44.24		mid cal (initial), Si
1516-1553		<b>2.78</b>			<b>2.56</b>		TEST AVG
		0.76			0.42		zero (final), Zf
		442.78			44.37		mid cal (final), Sf
EPA	3%	0.0%			-1.5%		zero drift
EPA	3%	-1.8%			0.3%		cal drift

**CORRECTED AVG**

Calibration Error (Linearity), % = 100 · (Measured Response - Span Gas Value) / Span Gas Value - LIMIT 5%

Zero Drift, % = 100 · (Zf - Zi) / Instrument Range - LIMIT 3%

Span Drift, % = 100 · (Sf - Si) / Instrument Range - LIMIT 3%

Corrected Value = [Test Avg. - ((Zi+Zf) / 2)] · Span Gas Value / [(Si+Sf) / 2] - ((Zi+Zf) / 2)]



**Stack Moisture Determination**

**EPA Method 4**

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Condition: 1,550°F  
 Date: 7/20/23

	Run 1	Run 2	Run 3	
Test Time	1320-1350	1418-1448	1517-1547	
Uncorrected Meter Volume (Vm)	21.459	21.200	21.905	ft <sup>3</sup>
Meter Factor (Yd)	0.9645	0.9645	0.9645	
Barometric Pressure (Pb)	30.10	30.10	30.10	"Hg
Meter Pressure (ΔH)	1.8	1.8	1.8	"H <sub>2</sub> O
Meter Temperature (Tm)	77.2	77.5	78.2	°F
Standard Temperature (Tstd)	70	70	70	°F
Impinger H <sub>2</sub> O Gain (Vw imp)	68.5	86.5	73.5	g
Silica Gel Wt. Gain (Vw sg)	8.8	9.5	8.0	g
Total H <sub>2</sub> O Gain (Vw)	77.3	96.0	81.5	g
Moisture Vapor (Vw std)	3.656	4.540	3.855	ft <sup>3</sup>
<b>Standard Meter Volume (Vm std)</b>	<b>20.634</b>	<b>20.373</b>	<b>21.024</b>	<b>dscf</b>
<b>Percent of H<sub>2</sub>O in Stack</b>	<b>15.1</b>	<b>18.2</b>	<b>15.5</b>	<b>%</b>

**WHERE:**

ft<sup>3</sup> = cubic foot  
 H<sub>2</sub>O = water  
 Hg = mercury  
 °F = Fahrenheit  
 ml = milliliter  
 g = gram  
 % = percent

**CALCULATIONS:**

$$Vw\ std = 0.00267 \cdot Vw \cdot (Tstd + 460) / 29.92$$

$$Vm\ std = Vm \cdot Yd \cdot (Tstd + 460) \cdot (Pb + (\Delta H/13.6)) / (Tm + 460) / 29.92$$

$$\text{Stack moisture H}_2\text{O \%} = 100 \cdot Vw\ std / (Vw\ std + Vm\ std)$$

## Stack Gas Flow Rate Determination

### EPA Method 19

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Condition: 1,550°F  
 Date: 7/20/2023

	Run 1	Run 2	Run 3	
Test Time	1319-1358	1417-1455	1516-1553	
# cubic feet/rev	995.9	989.7	997.0	ft <sup>3</sup>
# of seconds/rev	60	60	60	seconds
Gas Line Pressure	0.0	0.0	0.0	PSI Gauge
Gas Line Pressure	14.7	14.7	14.7	PSI Absolute
Gross Calorific Value @ 60°F	516.3	513.2	514.9	Btu / ft <sup>3</sup>
Stack Oxygen	14.3	14.2	13.8	%
Gas Fd-Factor @ 60°F	9,218	9,207	9,198	DSCF/MMBtu
Gas Temperature	70	70	70	°F
Standard Temperature (Tstd)	70	70	70	°F
Realtime Fuel Rate	996	990	997	CFM
Corrected Fuel Rate @ Tstd	996	990	997	SCFM
Fuel Flow Rate	59,754	59,382	59,820	SCFH
Million Btu per minute	0.504	0.498	0.504	MMBtu/min
Heat Input	30.3	29.9	30.2	MMBtu/hr
<b>Stack Gas Flow Rate @ Tstd</b>	<b>15,027</b>	<b>14,599</b>	<b>13,967</b>	<b>DSCFM</b>

**WHERE:**

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)  
 MMBtu = Million Btu

**CALCULATIONS:**

$$\text{SCFM} = \text{CFM} \cdot 528 \cdot (\text{PSIA}) / 14.7 / (\text{gas}^\circ\text{F} + 460)$$

$$\text{SCFH} = \text{SCFM} \cdot 60$$

$$\text{MMBtu/min} = (\text{SCFM} \cdot \text{Btu/ft}^3) / 1,000,000$$

$$\text{MMBtu/hr heat input} = \text{MMBtu/min} \cdot 60$$

$$\text{DSCFM} = \text{Gas Fd-Factor} \cdot \text{MMBtu/min} \cdot 20.9 / (20.9 - \text{O}_2\%)$$

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Sample ID: 1-LFG-Flare A-9  
 Date: 7/20/23

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, A <sub>bi</sub>	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, S <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, x <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, x <sub>i</sub> A <sub>bi</sub>	x <sub>i</sub> MW	Weight Fraction, %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	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000							
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.8	0.0180	0.0013	5.8	0.0000	0.0363							0.0000	
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	12.5	0.1250	0.1209	0.0	0.0021	3.5013	0.1257				0.1257		0.1257	1.6899
Oxygen	32.00	1.1053	0.0		11.819	1.6	0.0160	0.0177	0.0	0.0000	0.5120	0.0184			0.0184			0.0184	0.2173
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011			0.0020	0.0272
Carbon Dioxide‡	44.01	1.5194	0.0	0.0640	8.548	35.6	0.3560	0.5409	0.0	0.0228	15.6676	0.5625	0.1535	0.0000	0.4090			0.5625	4.8086
Methane	16.04	0.5539	1012.0	0.0436	23.565	50.2	0.5020	0.2781	508.0	0.0219	8.0521	0.2891	0.2165	0.0727				0.2891	6.8128
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	<4.5	0.000005	0.0000	0.0	0.0000	0.0001	0.0000	0.0000	0.0000				0.0000	0.0001
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	23.2	0.0000232	0.0000	0.1	0.0000	0.0010	0.0000	0.0000	0.0000				0.0000	0.0003
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	9.0	0.0000090	0.0000	0.0	0.0000	0.0005	0.0000	0.0000	0.0000				0.0000	0.0001
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	15.7	0.0000157	0.0000	0.1	0.0000	0.0011	0.0000	0.0000	0.0000				0.0000	0.0002
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	20.7	0.0000207	0.0001	0.1	0.0000	0.0018	0.0001	0.0001	0.0000				0.0001	0.0003
C <sub>6</sub> +	86.17	2.9753	4758.0	0.2830	4.398	251.8	0.0002518	0.0007	1.2	0.0001	0.0217	0.0008	0.0009	0.0002				0.0010	0.0034
<b>Total</b>							1.0193	<b>0.962</b> SG	<b>516.0</b> Btu/ft <sup>3</sup>	0.0240 Σx <sub>i</sub> A <sub>bi</sub>	27.8515 Σx <sub>i</sub> MW	0.9987	0.3719	0.0729	0.4286	0.1257	0.0000	0.9990	<b>13.56</b> ft <sup>3</sup> /lb

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14) **1.744** **37.22%** **7.29%** **42.90%** **12.58%** **0.00%**

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F) **0.962**

Compressibility Factor (Z) **0.9994**

$$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2 \sum x_{H_2} \cdot x_{H_2}^2) (0.0005)]$$

Specific Gravity (corrected) **0.962**

Specific Volume, (SV) ft<sup>3</sup>/lb **13.56** ft<sup>3</sup>/lb

Gross Calorific Value (GCV) **516.3** Btu/ft<sup>3</sup> Gross @ 60°F

**508.5** Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV)  $Btu/lb = Btu/ft^3 * ft^3/lb$  **7,001** Btu/lb @ 68°F

Gross Calorific Value, wet (GCVw)  $GCV * (1-H_2O)$  (ASTM D-3588, eqn 14) **6,879** Btu/lb @ 68°F

Gas Fd-Factor (EPA Method 19, eqn 19-13) **9,360** DSCF/MMBtu @ 68°F

$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$  **9,218** DSCF/MMBtu @ 60°F

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Sample ID: 2-LFG-Flare A-9  
 Date: 7/20/23

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, A <sub>bi</sub>	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, S <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, x <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, x <sub>i</sub> A <sub>bi</sub>	x <sub>i</sub> MW	Weight Fraction, w <sub>i</sub> MW / Σx <sub>i</sub> MW	CARBON Weight Fraction	HYDROGE N Weight Fraction	OXYGE N Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb	
Helium‡	4.00	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000								
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.9	0.0190	0.0013	6.2	0.0000	0.0383							0.0000		
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	12.9	0.1290	0.1248	0.0	0.0021	3.6133	0.1295				0.1295			0.1295	1.7411
Oxygen	32.00	1.1053	0.0		11.819	1.7	0.0170	0.0188	0.0	0.0000	0.5440	0.0195			0.0195				0.0195	0.2305
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011				0.0020	0.0271
Carbon Dioxide‡	44.01	1.5194	0.0	0.0640	8.548	35.5	0.3550	0.5394	0.0	0.0227	15.6236	0.5600	0.1528	0.0000	0.4072				0.5600	4.7870
Methane	16.04	0.5539	1012.0	0.0436	23.565	49.9	0.4990	0.2764	505.0	0.0218	8.0040	0.2869	0.2148	0.0721					0.2869	6.7607
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	<4.7	0.000005	0.0000	0.0	0.0000	0.0001	0.0000	0.0000	0.0000					0.0000	0.0001
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	22.1	0.0000221	0.0000	0.1	0.0000	0.0010	0.0000	0.0000	0.0000					0.0000	0.0003
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	8.3	0.0000083	0.0000	0.0	0.0000	0.0005	0.0000	0.0000	0.0000					0.0000	0.0001
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	12.5	0.0000125	0.0000	0.1	0.0000	0.0009	0.0000	0.0000	0.0000					0.0000	0.0002
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	16.9	0.0000169	0.0001	0.1	0.0000	0.0015	0.0001	0.0000	0.0000					0.0001	0.0002
C <sub>6</sub> +	86.17	2.9753	4758.0	0.2830	4.398	180.4	0.0001804	0.0005	0.9	0.0001	0.0155	0.0006	0.0006	0.0001					0.0007	0.0025
<b>Total</b>							1.0212	<b>0.963 SG</b>	<b>512.9 Btu/ft<sup>3</sup></b>	0.0239	27.8986	0.9986	36.97%	7.23%	42.83%	12.97%	0.00%	0.9988	<b>13.55 ft<sup>3</sup>/lb</b>	

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14)

1.744

36.97% 7.23% 42.83% 12.97% 0.00%

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F)

0.963

Compressibility Factor (Z)

0.9994

$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2x_{H_2O} \cdot x_{H_2O}^2) (0.0005)]$

Specific Gravity (corrected)

0.964

Specific Volume, (SV) ft<sup>3</sup>/lb

13.55 ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

513.2 Btu/ft<sup>3</sup> Gross @ 60°F  
 505.4 Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV)

$Btu/lb = Btu/ft^3 * ft^3/lb$

6,953 Btu/lb @ 68°F

Gross Calorific Value, wet (GCVw)

$GCV * (1-H_2O)$  (ASTM D-3588, eqn 14)

6,832 Btu/lb @ 68°F

Gas Fd-Factor (EPA Method 19, eqn 19-13)

9,348 DSCF/MMBtu @ 68°F

$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$

9,207 DSCF/MMBtu @ 60°F

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Sample ID: 3-LFG-Flare A-9  
 Date: 7/20/23

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, A <sub>bi</sub>	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, S <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, x <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, x <sub>i</sub> A <sub>bi</sub>	x <sub>i</sub> MW	Weight Fraction, w <sub>i</sub> MW / Σx <sub>i</sub> MW	CARBON Weight Fraction	HYDROGE N Weight Fraction	OXYGE N Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb	
Helium‡	4.00	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000								
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.8	0.0180	0.0013	5.8	0.0000	0.0363							0.0000		
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	12.7	0.1270	0.1228	0.0	0.0021	3.5573	0.1274				0.1274			0.1274	1.7130
Oxygen	32.00	1.1053	0.0		11.819	1.7	0.0170	0.0188	0.0	0.0000	0.5440	0.0195			0.0195				0.0195	0.2303
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011				0.0020	0.0271
Carbon Dioxide‡	44.01	1.5194	0.0	0.0640	8.548	35.6	0.3560	0.5409	0.0	0.0228	15.6676	0.5612	0.1532	0.0000	0.4081				0.5612	4.7974
Methane	16.04	0.5539	1012.0	0.0436	23.565	50.1	0.5010	0.2775	507.0	0.0218	8.0360	0.2879	0.2155	0.0724					0.2879	6.7834
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	<4.6	0.000005	0.0000	0.0	0.0000	0.0001	0.0000	0.0000	0.0000					0.0000	0.0001
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	21.4	0.0000214	0.0000	0.1	0.0000	0.0009	0.0000	0.0000	0.0000					0.0000	0.0003
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	7.4	0.0000074	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000					0.0000	0.0001
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	10.3	0.0000103	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000					0.0000	0.0001
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	16.8	0.0000168	0.0000	0.1	0.0000	0.0014	0.0001	0.0000	0.0000					0.0001	0.0002
C <sub>6</sub> +	86.17	2.9753	4758.0	0.2830	4.398	181.1	0.0001811	0.0005	0.9	0.0001	0.0156	0.0006	0.0006	0.0001					0.0007	0.0025
<b>Total</b>							1.0212	<b>0.964 SG</b>	<b>514.6 Btu/ft<sup>3</sup></b>	0.0240	27.9165	0.9987	0.3703	0.0725	0.4287	0.1274	0.0000	0.9989	<b>13.55 ft<sup>3</sup>/lb</b>	
									Σx <sub>i</sub> √b <sub>i</sub>		Σx <sub>i</sub> MW		<b>37.07%</b>	<b>7.26%</b>	<b>42.92%</b>	<b>12.76%</b>	<b>0.00%</b>			

%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)

0.964

Compressibility Factor (Z)

0.9994

$$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2x_{H_2O} \cdot x_{H_2O}^2) (0.0005)]$$

Specific Gravity (corrected)

0.964

Specific Volume, (SV) ft<sup>3</sup>/lb

13.55 ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

514.9 Btu/ft<sup>3</sup> Gross @ 60°F  
 507.1 Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV)

$$Btu/lb = Btu/ft^3 * ft^3 / lb$$

6,979 Btu/lb @ 68°F

Gross Calorific Value, wet (GCVw)

$$GCV * (1-H_2O) \quad (ASTM D-3588, eqn 14)$$

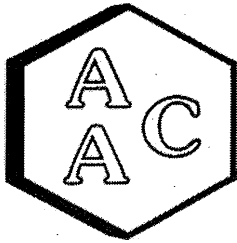
6,857 Btu/lb @ 68°F

Gas Fd-Factor (EPA Method 19, eqn 19-13)

9,339 DSCF/MMBtu @ 68°F

$$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$$

9,198 DSCF/MMBtu @ 60°F



## Atmospheric Analysis & Consulting, Inc.

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CLIENT : Blue Sky Environmental, Inc.  
PROJECT NAME : OX Mountain Flare (A-7)  
AAC PROJECT NO. : 231460  
REPORT DATE : 08/ 11/2023

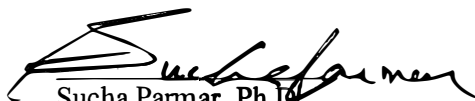
On July 25<sup>th</sup> 2023, Atmospheric Analysis & Consulting, Inc. received three (3) Six-Liter Silonite Canisters for TNMOC analysis by EPA 25C, Total Reduced Sulfur analysis by ASTM D-5504, and ASTM D-1945 analysis. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
1-LFG-Flare ( A-7)	231460-47085	556.3
2-LFG-Flare ( A-7)	231460-47086	609.3
3-LFG-Flare ( A-7)	231460-47087	639.5

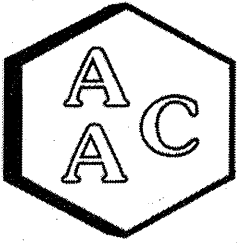
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at [www.aacalab.com](http://www.aacalab.com).

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.

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## *Laboratory Analysis Report*

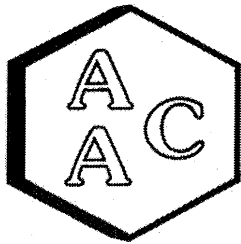
CLIENT : Blue Sky Environmental, Inc.  
 PROJECT NO. : 231460  
 MATRIX : Air

SAMPLING DATE : 07/21/2023  
 RECEIVING DATE : 07/25/2023  
 ANALYSIS DATE : 08/07-11/2023  
 REPORT DATE : 08/11/2023

### *ASTM D-1945*

Client ID	1-LFG-Flare ( A-7)	2-LFG-Flare ( A-7)	3-LFG-Flare ( A-7)
AAC ID	231460-47085	231460-47086	231460-47087
Can Dilution Factor	1.83	1.68	1.60
Analyte	Result	Result	Result
H <sub>2</sub>	< 1.8 %	< 1.7 %	< 1.6 %
O <sub>2</sub>	4.5 %	2.9 %	4.6 %
N <sub>2</sub>	23.0 %	18.1 %	23.2 %
CO	< 0.2 %	< 0.2 %	< 0.2 %
CO <sub>2</sub>	30.6 %	33.4 %	30.5 %
CH <sub>4</sub>	41.9 %	45.6 %	41.7 %
C <sub>2</sub> (as Ethane)	< 4.6 ppmV	< 4.2 ppmV	< 4.0 ppmV
C <sub>3</sub> (as Propane)	15.9 ppmV	18.7 ppmV	15.9 ppmV
C <sub>4</sub> (as Butane)	6.1 ppmV	7.1 ppmV	6.1 ppmV
C <sub>5</sub> (as Pentane)	3.1 ppmV	5.5 ppmV	3.3 ppmV
C <sub>6</sub> (as Hexane)	7.0 ppmV	6.9 ppmV	6.7 ppmV
C <sub>6</sub> + (as Hexane)	144.8 ppmV	237.1 ppmV	167.2 ppmV
THC (as Methane)	419,636 ppmC	457,233 ppmC	417,747 ppmC
TNMHC (as Methane)	993 ppmC	1,576 ppmC	1,126 ppmC
TNMNEHC (as Methane)	993 ppmC	1,568 ppmC	1,126 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.

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## Laboratory Analysis Report

Client : Blue Sky Environmental, Inc.  
Project No. : 231460  
Matrix : AIR  
Units : ppmC

Sampling Date : 07/21/2023  
Receiving Date : 07/25/2023  
Analysis Date : 08/07/2023  
Report Date : 08/11/2023

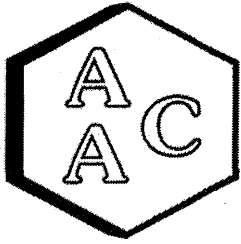
### EPA 25C

Reporting Limit: 3.0 ppmC		Canister Dilution Factor	Analysis Dilution Factor	TNMOC*	SRL (RL x DF's)
Client Sample ID	AAC ID				
1-LFG-Flare (A-7)	231460-47085	1.8	1.0	849	5.5
2-LFG-Flare (A-7)	231460-47086	1.7	1.0	893	5.0
3-LFG-Flare (A-7)	231460-47087	1.6	1.0	813	4.8

Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac x Canister Dil. Fac.

\*Total Non-Methane Organic Carbon





# Atmospheric Analysis & Consulting, Inc

## LABORATORY ANALYSIS REPORT

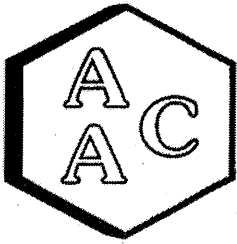
CLIENT : Blue Sky Environmental  
 PROJECT NO. : 231460  
 MATRIX : AIR  
 UNITS : ppmv

SAMPLING DATE : 07/21/2023  
 RECEIVING DATE : 07/25/2023  
 ANALYSIS DATE : 07/27-28/2023  
 REPORT DATE : 08/11/2023

### Total Reduced Sulfur Compounds by ASTM D-5504

Client ID	1-LFG-Flare ( A-7)	2-LFG-Flare ( A-7)	3-LFG-Flare ( A-7)
AAC ID	231460-47085	231460-47086	231460-47087
Canister Dil. Fac.	1.8	1.7	1.6
Analyte	Result	Result	Result
Hydrogen Sulfide	156	139	159
COS / SO2	< 0.092	< 0.084	< 0.080
Methyl Mercaptan	0.968	1.22	0.845
Ethyl Mercaptan	< 0.092	< 0.084	< 0.080
Dimethyl Sulfide	0.537	0.750	0.869
Carbon Disulfide	0.214	0.155	0.263
Isopropyl Mercaptan	0.753	0.902	0.289
tert-Butyl Mercaptan	< 0.092	< 0.084	< 0.080
n-Propyl Mercaptan	< 0.092	< 0.084	< 0.080
Methylethylsulfide	< 0.092	< 0.084	< 0.080
sec-Butyl Mercaptan / Thiophene	1.01	1.23	1.02
iso-Butyl Mercaptan	< 0.092	< 0.084	< 0.080
Diethyl Sulfide	< 0.092	< 0.084	< 0.080
n-Butyl Mercaptan	< 0.092	< 0.084	< 0.080
Dimethyl Disulfide	< 0.092	< 0.084	< 0.080
2-Methylthiophene	0.496	0.472	0.427
3-Methylthiophene	0.253	< 0.084	< 0.080
Tetrahydrothiophene	< 0.092	< 0.084	< 0.080
Bromothiophene	< 0.092	< 0.084	< 0.080
Thiophenol	< 0.092	< 0.084	< 0.080
Diethyl Disulfide	< 0.092	< 0.084	< 0.080
Total Unidentified Sulfur	< 0.092	< 0.084	< 0.080
Total Reduced Sulfurs	161	144	163

All unidentified compound's concentrations expressed in terms of H<sub>2</sub>S  
 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 : 08/07/2023  
 Analyst : KM/RW  
 Units : %

Instrument ID : GC-TCA #2  
 Calb Date : 03/22/2023  
 Reporting Limit : 0.1%

### I - Opening Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
CCV	Spike Conc	10.0	10.2	20.5	10.0	10.0	10.0
	Result	10.8	10.8	21.2	9.9	9.4	9.8
	% Rec *	107.6	106.0	103.5	99.3	94.5	97.3

### II - Method Blank - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
MB	Concentration	ND	ND	ND	ND	ND	ND

### III - Laboratory Control Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	9.8	11.0	21.1	9.5	9.5	9.6
	LCS Result	10.3	10.8	20.9	9.8	9.5	9.9
	LCSD Result	10.3	10.8	20.8	9.8	9.5	9.8
	LCS % Rec *	105.9	98.4	99.1	103.4	100.7	103.0
	LCSD % Rec *	105.8	98.9	98.4	102.9	100.3	102.4
	% RPD ***	0.1	0.5	0.7	0.5	0.4	0.6

### IV - Sample & Sample Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
220954-30872	Sample	0.0	3.0	14.6	32.4	0.0	26.1
	Sample Dup	0.0	3.0	14.4	32.1	0.0	25.9
	Mean	0.0	3.0	14.5	32.3	0.0	26.0
	% RPD ***	0.0	0.7	0.9	1.0	0.0	1.0

### V - Matrix Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	H2	N2	CH4	CO	CO2
220954-30872	Sample Conc	0.0	7.3	16.1	0.0	13.0
	Spike Conc	10.0	10.0	10.0	10.0	10.0
	MS Result	10.3	18.2	25.9	9.5	22.7
	MSD Result	10.8	17.7	25.9	9.7	22.7
	MS % Rec **	103.1	109.3	97.5	95.1	96.3
	MSD % Rec **	108.1	104.8	98.0	97.1	97.2
	% RPD ***	4.7	4.2	0.5	2.1	0.9

### VI - Closing Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
CCV	Spike Conc	10.0	10.2	20.5	10.0	10.0	10.0
	Result	10.2	10.6	21.1	9.6	9.2	9.5
	% Rec *	102.2	103.7	103.4	96.1	92.2	95.1

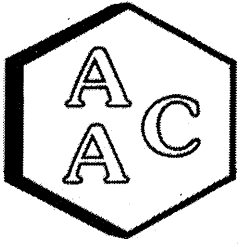
\* Must be 85-115%

\*\* 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 : 08/07/2023  
 Analyst : KM/RW  
 Units : ppmv

Instrument ID: : GCTCA#2-FID  
 Calibration Date: : 03/29/2023

### I - Opening Calibration Verification Standard - Method 25C

Analyte	xRF	DRF	%RPD*
Propane	312922	288215	8.2

### II - TNMOC Response Factor - Method 25C

Analyte	xRF	CV RF	CV dp RF	CV tp RF	Average RF	% RPD***
Propane	312922	288215	294225	289717	290719	7.4

### 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	50.6	47.53	46.80	94.0	92.6	1.5

### V - Closing Calibration Verification Standard - Method 25C

Analyte	xCF	dCF	%RPD*
Propane	312922	299399	4.4

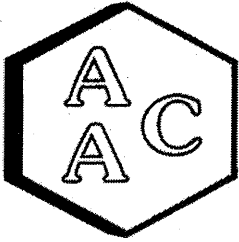
*xCF - Average Calibration Factor from Initial Calibration Curve*

*dCF - Daily Calibration Factor*

\* Must be <15%

\*\* Must be 90-110 %

\*\*\* Must be <20%



# Atmospheric Analysis & Consulting, Inc

## Quality Control/Quality Assurance Report ASTM D-5504

Date Analyzed: 7/27/2023  
Analyst: ZD  
Units: ppbV

Instrument ID: SCD#10  
Calb. Date: : 07/11/2022

### Opening Calibration Verification Standard

499.8 ppbV H<sub>2</sub>S (SS1289)

H <sub>2</sub> S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1824	495	99.0	0.4
Duplicate	1837	498	99.7	1.2
Triplicate	1787	485	97.0	1.6

547.5 ppbV H<sub>2</sub>S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2302	534	97.5	2.0
Duplicate	2417	561	102.4	2.9
Triplicate	2327	540	98.6	0.9

479.0 ppbV H<sub>2</sub>S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2556	483	100.9	0.1
Duplicate	2596	491	102.5	1.7
Triplicate	2509	474	99.0	1.7

### Method Blank

Analyte	Result
H <sub>2</sub> S	<PQL
MeSH	<PQL
DMS	<PQL

### Duplicate Analysis

Sample ID 220521-28941

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H <sub>2</sub> S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

### Matrix Spike & Duplicate

Sample ID 220521-28941

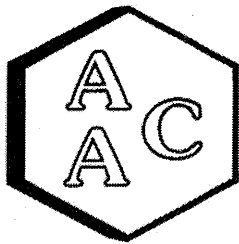
Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H <sub>2</sub> S	<PQL	249.9	230.3	229.1	92.2	91.7	0.6
MeSH	<PQL	273.8	258.3	284.6	94.4	104.0	9.7
DMS	<PQL	239.5	236.8	253.7	98.9	105.9	6.9

### Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H <sub>2</sub> S	499.8	502.7	100.6
MeSH	547.5	559.7	102.2
DMS	479.0	515.3	107.6

\* Must be 95-105%, \*\* Must be 90-110%, \*\*\* Must be < 10%, \*\*\*\* Must be < 5% RPD from Mean result.

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV  
DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



# Atmospheric Analysis & Consulting, Inc

## Quality Control/Quality Assurance Report ASTM D-5504

Date Analyzed: 7/28/2023  
Analyst: ZD  
Units: ppbV

Instrument ID: SCD#10  
Calb. Date: 07/11/2022

### Opening Calibration Verification Standard

499.8 ppbV H<sub>2</sub>S (SSI289)

H <sub>2</sub> S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1784	484	96.8	0.4
Duplicate	1776	482	96.4	0.1
Triplicate	1772	481	96.2	0.3

547.5 ppbV H<sub>2</sub>S (SSI289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2321	538	98.3	0.3
Duplicate	2335	541	98.9	0.9
Triplicate	2284	530	96.7	1.3

479.0 ppbV H<sub>2</sub>S (SSI289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2636	498	104.0	3.3
Duplicate	2547	482	100.5	0.2
Triplicate	2474	468	97.6	3.1

### Method Blank

Analyte	Result
H <sub>2</sub> S	<PQL
MeSH	<PQL
DMS	<PQL

### Duplicate Analysis Sample ID 220521-28941

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H <sub>2</sub> S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

### Matrix Spike & Duplicate Sample ID 220521-28941

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H <sub>2</sub> S	<PQL	249.9	235.3	228.6	94.2	91.5	2.9
MeSH	<PQL	273.8	260.9	254.4	95.3	92.9	2.5
DMS	<PQL	239.5	240.7	246.9	100.5	103.1	2.5

### Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H <sub>2</sub> S	499.8	485.4	97.1
MeSH	547.5	585.2	106.9
DMS	479.0	513.6	107.2

\* Must be 95-105%, \*\* Must be 90-110%, \*\*\* Must be < 10%, \*\*\*\* Must be < 5% RPD from Mean result.

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV  
DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



BLUE SKY ENVIRONMENTAL, INC  
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 Contact: John Yokoyama  
 E-Mail: yokoyama.j@nclab.com

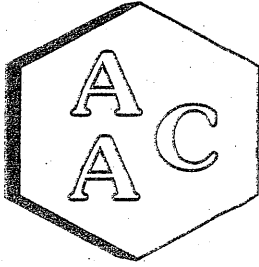
**CHAIN OF CUSTODY RECORD**

					Analysis Requested							
					ASTM 1915	25C	TO-15	ASTM 5504	INITIAL VAC	FINAL VAC		
SAMPLE Date	SAMPLE Time	Sample ID (Method-Run-Fraction)	CANISTER NUMBER	Type/Size of container								
Project Name: OX Mountain Flare (A-7)												
Project #: 231460												
7/21/23	0815-0845	1-LFG-Flare (A-7) 47085	2658	6L SILCO	X	X	X	X		28.48	8.16	
7/21/23	0916-0946	2-LFG-Flare (A-7) 47086	2600	6L SILCO	X	X	X	X		30.33	5.95	
7/21/23	1012-1042	3-LFG-Flare (A-7) 47087	2598	6L SILCO	X	X	X	X		28.22	4.75	

All samples submitted to laboratories are accepted on a custodial basis only. Ownership of sample remains with the client submitting the sample. Samples should be held for 90+ days. The laboratory reserves the right to return unused sample portions.

COMMENTS:

Relinquished by: <u>Jaime Rios</u>	Date: <u>07-24-23</u>	Time: <u>10:15</u>	Received by: <u>[Signature]</u>	Date: <u>7/25/23</u>	Time: <u>1503</u>
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:



# Atmospheric Analysis & Consulting, Inc.

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CLIENT : Blue Sky Environmental  
PROJECT NAME : OX Mountain Flare (A-7)  
AAC PROJECT NO. : 231460  
REPORT DATE : 07/31/2023

On July 25, 2023, Atmospheric Analysis & Consulting, Inc. received three (3) 6.0-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:

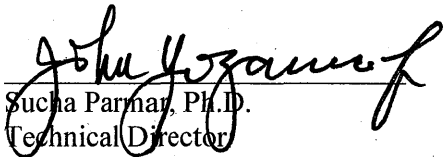
Client ID	Lab ID	Return Pressure (mmHg)
1-LFG-Flare (A-7)	231460-47085	556.3
2-LFG-Flare (A-7)	231460-47086	609.3
3-LFG-Flare (A-7)	231460-47087	639.5

**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.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 designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

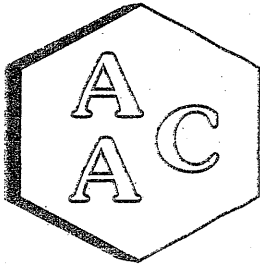
If you have any questions or require further explanation of data results, please contact the undersigned.

  
Sucha Parmar, Ph.D.  
Technical Director

This report consists of 10 pages.

Page 1





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

**CLIENT :** Blue Sky Environmental  
**PROJECT NO :** 231460  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

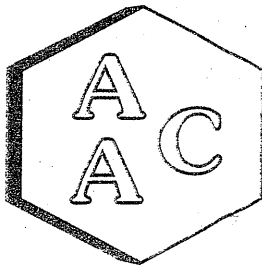
**DATE RECEIVED :** 07/25/2023  
**DATE REPORTED :** 07/31/2023  
**ANALYST :** DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID	1-LFG-Flare (A-7)			Sample Reporting Limit (SRL) (MRLxDF's)	2-LFG-Flare (A-7)			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
231460-47085									
Date Sampled	07/21/2023				07/21/2023				
Date Analyzed	07/28/2023				07/28/2023				
Can Dilution Factor	1.83				1.68				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	59.6		50	45.9	74.6		50	41.9	0.50
Propene	5720		50	91.7	6500		50	83.8	1.00
Dichlorodifluoromethane	51.4		50	45.9	66.2		50	41.9	0.50
Chloromethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Dichlorotetrafluoroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Vinyl Chloride	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Methanol	610		50	459	686		50	419	5.00
1,3-Butadiene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Bromomethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Chloroethane	79.8		50	45.9	83.0		50	41.9	0.50
Dichlorofluoromethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Ethanol	1720		50	183	2090		50	168	2.00
Vinyl Bromide	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Acetone	3180		50	183	3840		50	168	2.00
Trichlorofluoromethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
2-Propanol (IPA)	920		50	183	1130		50	168	2.00
Acrylonitrile	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,1-Dichloroethene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Methylene Chloride (DCM)	<SRL	U	50	91.7	<SRL	U	50	83.8	1.00
Allyl Chloride	<SRL	U	50	91.7	<SRL	U	50	83.8	1.00
Carbon Disulfide	<SRL	U	50	183	<SRL	U	50	168	2.00
Trichlorotrifluoroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
trans-1,2-Dichloroethene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,1-Dichloroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Vinyl Acetate	<SRL	U	50	91.7	<SRL	U	50	83.8	1.00
2-Butanone (MEK)	3330		50	91.7	3950		50	83.8	1.00
cis-1,2-Dichloroethene	64.2		50	45.9	79.6		50	41.9	0.50
Hexane	254		50	45.9	271		50	41.9	0.50
Chloroform	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Ethyl Acetate	253		50	45.9	315		50	41.9	0.50
Tetrahydrofuran	889		50	45.9	1110		50	41.9	0.50
1,2-Dichloroethane	58.7		50	45.9	74.6		50	41.9	0.50
1,1,1-Trichloroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Benzene	840		50	45.9	1060		50	41.9	0.50







# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

**CLIENT :** Blue Sky Environmental  
**PROJECT NO :** 231460  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

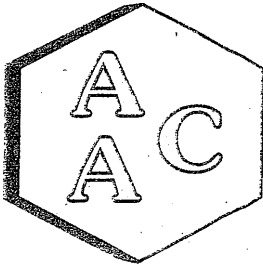
**DATE RECEIVED :** 07/25/2023  
**DATE REPORTED :** 07/31/2023  
**ANALYST :** DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	1-LFG-Flare (A-7)			Sample Reporting Limit (SRL) (MRLxDF's)	2-LFG-Flare (A-7)			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
	AAC ID	Result	Qualifier		AAC ID	Result	Qualifier		
Date Sampled	07/21/2023				07/21/2023				
Date Analyzed	07/28/2023				07/28/2023				
Can Dilution Factor	1.83				1.68				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Cyclohexane	228		50	45.9	299		50	41.9	0.50
1,2-Dichloropropane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Bromodichloromethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,4-Dioxane	<SRL	U	50	91.7	<SRL	U	50	83.8	1.00
Trichloroethene (TCE)	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
2,2,4-Trimethylpentane	96.3		50	45.9	113		50	41.9	0.50
Hentane	492		50	45.9	627		50	41.9	0.50
cis-1,3-Dichloropropene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
4-Methyl-2-pentanone (MiBK)	212		50	45.9	268		50	41.9	0.50
trans-1,3-Dichloropropene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,1,2-Trichloroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Toluene	3260		50	45.9	3880		50	41.9	0.50
2-Hexanone (MBK)	<SRL	U	50	91.7	<SRL	U	50	83.8	1.00
Dibromochloromethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,2-Dibromoethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Tetrachloroethene (PCE)	<SRL	U	50	45.9	43.6		50	41.9	0.50
Chlorobenzene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Ethylbenzene	2550		50	45.9	3000		50	41.9	0.50
m & p-Xylene	3390		50	91.7	4170		50	83.8	1.00
Bromoform	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Styrene	207		50	45.9	262		50	41.9	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
o-Xylene	1320		50	45.9	1620		50	41.9	0.50
4-Ethyltoluene	632		50	45.9	850		50	41.9	0.50
1,3,5-Trimethylbenzene	372		50	45.9	479		50	41.9	0.50
1,2,4-Trimethylbenzene	841		50	45.9	1010		50	41.9	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,3-Dichlorobenzene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,4-Dichlorobenzene	413		50	45.9	542		50	41.9	0.50
1,2-Dichlorobenzene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,2,4-Trichlorobenzene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Hexachlorobutadiene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
BPB-Surrogate Std. % Recovery		101%				102%			70-130%

U - Compound was not detected at or above the SRL.





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

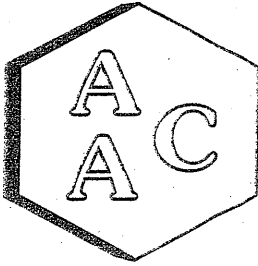
**CLIENT :** Blue Sky Environmental  
**PROJECT NO :** 231460  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

**DATE RECEIVED :** 07/25/2023  
**DATE REPORTED :** 07/31/2023  
**ANALYST :** DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>	3-LFG-Flare (A-7)			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
<i>AAC ID</i>	231460-47087				
<i>Date Sampled</i>	07/21/2023				
<i>Date Analyzed</i>	07/28/2023				
<i>Can Dilution Factor</i>	1.60				
<i>Compound</i>	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	66.4		50	40.0	0.50
Propene	6380		50	80.0	1.00
Dichlorodifluoromethane	57.6		50	40.0	0.50
Chloromethane	<SRL	U	50	40.0	0.50
Dichlorotetrafluoroethane	<SRL	U	50	40.0	0.50
Vinyl Chloride	<SRL	U	50	40.0	0.50
Methanol	590		50	400	5.00
1,3-Butadiene	<SRL	U	50	40.0	0.50
Bromomethane	<SRL	U	50	40.0	0.50
Chloroethane	102		50	40.0	0.50
Dichlorofluoromethane	<SRL	U	50	40.0	0.50
Ethanol	1750		50	160	2.00
Vinyl Bromide	<SRL	U	50	40.0	0.50
Acetone	3390		50	160	2.00
Trichlorofluoromethane	<SRL	U	50	40.0	0.50
2-Propanol (IPA)	1010		50	160	2.00
Acrylonitrile	<SRL	U	50	40.0	0.50
1,1-Dichloroethene	<SRL	U	50	40.0	0.50
Methylene Chloride (DCM)	<SRL	U	50	80.0	1.00
Allyl Chloride	<SRL	U	50	80.0	1.00
Carbon Disulfide	<SRL	U	50	160	2.00
Trichlorotrifluoroethane	<SRL	U	50	40.0	0.50
trans-1,2-Dichloroethene	<SRL	U	50	40.0	0.50
1,1-Dichloroethane	<SRL	U	50	40.0	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	40.0	0.50
Vinyl Acetate	<SRL	U	50	80.0	1.00
2-Butanone (MEK)	3720		50	80.0	1.00
cis-1,2-Dichloroethene	71.2		50	40.0	0.50
Hexane	270		50	40.0	0.50
Chloroform	<SRL	U	50	40.0	0.50
Ethyl Acetate	284		50	40.0	0.50
Tetrahydrofuran	996		50	40.0	0.50
1,2-Dichloroethane	64.0		50	40.0	0.50
1,1,1-Trichloroethane	<SRL	U	50	40.0	0.50
Benzene	962		50	40.0	0.50





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

**CLIENT :** Blue Sky Environmental  
**PROJECT NO :** 231460  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

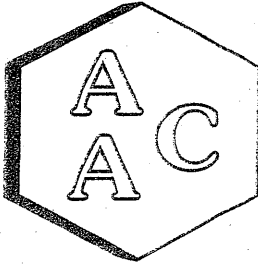
**DATE RECEIVED :** 07/25/2023  
**DATE REPORTED :** 07/31/2023  
**ANALYST :** DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>	3-LFG-Flare (A-7)			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
<i>AAC ID</i>	231460-47087				
<i>Date Sampled</i>	07/21/2023				
<i>Date Analyzed</i>	07/28/2023				
<i>Can Dilution Factor</i>	1.60			(MRL×DF's)	(MRL)
<i>Compound</i>	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	50	40.0	0.50
Cyclohexane	262		50	40.0	0.50
1,2-Dichloropropane	<SRL	U	50	40.0	0.50
Bromodichloromethane	<SRL	U	50	40.0	0.50
1,4-Dioxane	<SRL	U	50	80.0	1.00
Trichloroethene (TCE)	<SRL	U	50	40.0	0.50
2,2,4-Trimethylpentane	110		50	40.0	0.50
Heptane	562		50	40.0	0.50
cis-1,3-Dichloropropene	<SRL	U	50	40.0	0.50
4-Methyl-2-pentanone (MIBK)	250		50	40.0	0.50
trans-1,3-Dichloropropene	<SRL	U	50	40.0	0.50
1,1,2-Trichloroethane	<SRL	U	50	40.0	0.50
Toluene	3530		50	40.0	0.50
2-Hexanone (MBK)	<SRL	U	50	80.0	1.00
Dibromochloromethane	<SRL	U	50	40.0	0.50
1,2-Dibromoethane	<SRL	U	50	40.0	0.50
Tetrachloroethene (PCE)	<SRL	U	50	40.0	0.50
Chlorobenzene	<SRL	U	50	40.0	0.50
Ethylbenzene	2710		50	40.0	0.50
m & p-Xylene	3750		50	80.0	1.00
Bromoform	<SRL	U	50	40.0	0.50
Styrene	224		50	40.0	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	50	40.0	0.50
o-Xylene	1450		50	40.0	0.50
4-Ethyltoluene	738		50	40.0	0.50
1,3,5-Trimethylbenzene	417		50	40.0	0.50
1,2,4-Trimethylbenzene	887		50	40.0	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	40.0	0.50
1,3-Dichlorobenzene	<SRL	U	50	40.0	0.50
1,4-Dichlorobenzene	435		50	40.0	0.50
1,2-Dichlorobenzene	<SRL	U	50	40.0	0.50
1,2,4-Trichlorobenzene	<SRL	U	50	40.0	0.50
Hexachlorobutadiene	<SRL	U	50	40.0	0.50
BFB-Surrogate Std. % Recovery		101%			70-130%

U - Compound was not detected at or above the SRL.





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/28/2023

MATRIX : High Purity N<sub>2</sub>

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02

CALIBRATION STD ID : MSI-042023-02

ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 06/19/2023 Calibration

Analyte Compounds	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
4-BFB (surrogate standard)	9.60	9.48	99
Chlorodifluoromethane	10.40	10.75	103
Propene	10.60	10.25	97
Dichlorodifluoromethane	10.40	11.76	113
Dimethyl Ether	10.20	10.42	102
Chloromethane	10.40	10.29	99
Dichlorotetrafluoroethane	10.30	10.93	106
Vinyl Chloride	10.50	10.55	100
Acetaldehyde	21.10	25.29	120
Methanol	18.80	18.81	100
1,3-Butadiene	10.60	10.96	103
Bromomethane	10.40	10.81	104
Chloroethane	10.30	10.38	101
Dichlorofluoromethane	10.20	10.98	108
Ethanol	11.20	10.93	98
Vinyl Bromide	10.10	10.32	102
Acrolein	11.10	10.12	91
Acetone	10.60	10.78	102
Trichlorofluoromethane	10.50	11.35	108
2-Propanol (IPA)	11.00	11.25	102
Acrylonitrile	11.20	10.83	97
1,1-Dichloroethene	10.40	10.57	102
Methylene Chloride (DCM)	10.50	10.40	99
TertButanol (TBA)	11.10	11.18	101
Allyl Chloride	10.20	10.12	99
Carbon Disulfide	10.50	9.31	89
Trichlorotrifluoroethane	10.40	10.99	106
trans-1,2-Dichloroethene	10.60	9.72	92
1,1-Dichloroethane	10.50	10.04	96
Methyl Tert Butyl Ether (MTBE)	10.50	9.41	90
Vinyl Acetate	11.00	10.63	97
2-Butanone (MEK)	10.60	10.55	100
cis-1,2-Dichloroethene	10.50	9.88	94
Hexane	10.70	10.31	96
Chloroform	10.60	10.27	97
Ethyl Acetate	10.60	10.30	97
Tetrahydrofuran	10.20	9.26	91
1,2-Dichloroethane	10.50	9.98	95
1,1,1-Trichloroethane	10.40	9.87	95
Benzene	10.60	10.09	95
Carbon Tetrachloride	10.20	9.90	97
Cyclohexane	10.50	10.02	95

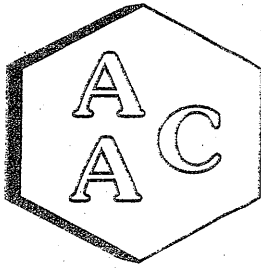
Analyte Compounds (Continued)	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
1,2-Dichloropropane	10.50	10.28	98
Bromodichloromethane	10.40	10.48	101
1,4-Dioxane	10.40	10.25	99
Trichloroethene (TCE)	10.40	9.66	93
2,2,4-Trimethylpentane	10.00	9.74	97
Methyl Methacrylate	11.00	10.49	95
Heptane	10.50	10.14	97
cis-1,3-Dichloropropene	10.40	9.86	95
4-Methyl-2-pentanone (MiBK)	10.40	10.17	98
trans-1,3-Dichloropropene	10.50	10.04	96
1,1,2-Trichloroethane	10.50	10.19	97
Toluene	10.60	10.51	99
2-Hexanone (MBK)	10.50	10.29	98
Dibromochloromethane	10.30	10.17	99
1,2-Dibromoethane	10.60	10.27	97
Tetrachloroethene (PCE)	10.40	10.50	101
Chlorobenzene	10.60	10.66	101
Ethylbenzene	10.50	11.18	106
m & p-Xylene	21.00	21.97	105
Bromoform	10.50	11.56	110
Styrene	10.50	10.89	104
1,1,2,2-Tetrachloroethane	10.50	12.07	115
o-Xylene	10.50	11.30	108
1,2,3-Trichloropropane	11.00	10.94	99
Isopropylbenzene (Cumene)	10.30	11.05	107
α-Pinene	10.70	9.68	90
2-Chlorotoluene	10.30	10.51	102
n-Propylbenzene	10.10	11.69	116
4-Ethyltoluene	10.30	11.42	111
1,3,5-Trimethylbenzene	10.30	11.14	108
β-Pinene	11.00	10.27	93
1,2,4-Trimethylbenzene	10.30	11.14	108
Benzyl Chloride (a-Chlorotoluene)	10.40	10.06	97
1,3-Dichlorobenzene	10.40	11.38	109
1,4-Dichlorobenzene	10.30	11.17	108
Sec-ButylBenzene	10.10	11.12	110
1,2-Dichlorobenzene	10.60	11.26	106
n-ButylBenzene	10.20	11.16	109
1,2-Dibromo-3-Chloropropane	10.10	10.34	102
1,2,4-Trichlorobenzene	11.00	11.49	104
Naphthalene	11.50	11.35	99
Hexachlorobutadiene	11.00	11.93	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 : 07/28/2023  
 MATRIX : High Purity N<sub>2</sub>  
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02  
 CALIBRATION STD ID : MS1-042023-02  
 ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

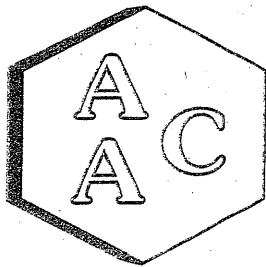
<i>System Monitoring Compounds</i>	<i>Sample Concentration</i>	<i>Spike Added</i>	<i>LCS<sup>1</sup> Recovery</i>	<i>LCSD<sup>1</sup> Recovery</i>	<i>LCS<sup>1</sup> % Recovery<sup>2</sup></i>	<i>LCSD<sup>1</sup> % Recovery<sup>2</sup></i>	<i>RPD<sup>3</sup></i>
4-BFB (surrogate standard)	0.0	9.60	9.48	9.31	99	97	1.8
1,1-Dichloroethene	0.0	10.40	10.57	10.08	102	97	4.7
Methylene Chloride (DCM)	0.0	10.50	10.40	10.23	99	97	1.6
Benzene	0.0	10.60	10.09	9.87	95	93	2.2
Trichloroethene (TCE)	0.0	10.40	9.66	9.64	93	93	0.2
Toluene	0.0	10.60	10.51	10.32	99	97	1.8
Tetrachloroethene (PCE)	0.0	10.40	10.50	10.31	101	99	1.8
Chlorobenzene	0.0	10.60	10.66	10.36	101	98	2.9
Ethylbenzene	0.0	10.50	11.18	10.75	106	102	3.9
m & p-Xylene	0.0	21.00	21.97	21.19	105	101	3.6
o-Xylene	0.0	10.50	11.30	10.91	108	104	3.5

<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 : 07/28/2023

INSTRUMENT ID : GC/MS-02

MATRIX : High Purity He or N<sub>2</sub>

ANALYST : DL

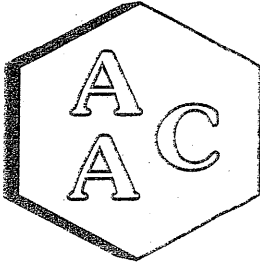
UNITS : PPB (v/v)

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 072823	Reporting Limit (RL)	Analyte Compounds (Continued)	MB 072823	Reporting Limit (RL)
4-BFB (surrogate standard)	87%	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	1.0	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	Bromoform	<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	0.5
Cyclohexane	<RL	0.5	Hexachlorobutadiene	<RL	0.5





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/28/2023  
 MATRIX : Air  
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02  
 ANALYST : DL  
 DILUTION FACTOR<sup>1</sup> : x10.91

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231434-46968

Analyte Compounds	Sample	Duplicate	RPD <sup>2</sup>
4-BFB (surrogate standard)	8.82	8.98	1.8
Chlorodifluoromethane	<SRL	<SRL	NA
Propene	13.9	13.0	6.5
Dichlorodifluoromethane	<SRL	<SRL	NA
Dimethyl Ether	<SRL	<SRL	NA
Chloromethane	<SRL	<SRL	NA
Dichlorotetrafluoroethane	<SRL	<SRL	NA
Vinyl Chloride	<SRL	<SRL	NA
Acetaldehyde	<SRL	<SRL	NA
Methanol	75.8	72.6	4.4
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	139	136	2.1
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	26.4	30.6	14.6
Trichlorofluoromethane	<SRL	<SRL	NA
2-Propanol (IPA)	<SRL	<SRL	NA
Acrylonitrile	<SRL	<SRL	NA
1,1-Dichloroethene	<SRL	<SRL	NA
Methylene Chloride (DCM)	<SRL	<SRL	NA
TertButanol (TBA)	<SRL	<SRL	NA
Allyl Chloride	<SRL	<SRL	NA
Carbon Disulfide	23.4	22.7	2.8
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)	<SRL	<SRL	NA
cis-1,2-Dichloroethene	<SRL	<SRL	NA
Hexane	<SRL	<SRL	NA
Chloroform	<SRL	<SRL	NA
Ethyl Acetate	<SRL	<SRL	NA
Tetrahydrofuran	<SRL	<SRL	NA
1,2-Dichloroethane	<SRL	<SRL	NA
1,1,1-Trichloroethane	<SRL	<SRL	NA
Benzene	<SRL	<SRL	NA
Carbon Tetrachloride	<SRL	<SRL	NA
Cyclohexane	<SRL	<SRL	NA

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	<SRL	<SRL	NA
Methyl Methacrylate	<SRL	<SRL	NA
Heptane	<SRL	<SRL	NA
cis-1,3-Dichloropropene	<SRL	<SRL	NA
4-Methyl-2-pentanone (MiBK)	<SRL	<SRL	NA
trans-1,3-Dichloropropene	<SRL	<SRL	NA
1,1,2-Trichloroethane	<SRL	<SRL	NA
Toluene	<SRL	<SRL	NA
2-Hexanone (MBK)	<SRL	<SRL	NA
Dibromochloromethane	<SRL	<SRL	NA
1,2-Dibromoethane	<SRL	<SRL	NA
Tetrachloroethene (PCE)	<SRL	<SRL	NA
Chlorobenzene	<SRL	<SRL	NA
Ethylbenzene	<SRL	<SRL	NA
m & p-Xylene	<SRL	<SRL	NA
Bromoform	<SRL	<SRL	NA
Styrene	<SRL	<SRL	NA
1,1,2,2-Tetrachloroethane	<SRL	<SRL	NA
o-Xylene	<SRL	<SRL	NA
1,2,3-Trichloropropane	<SRL	<SRL	NA
Isopropylbenzene (Cumene)	<SRL	<SRL	NA
α-Pinene	<SRL	<SRL	NA
2-Chlorotoluene	<SRL	<SRL	NA
n-Propylbenzene	<SRL	<SRL	NA
4-Ethyltoluene	<SRL	<SRL	NA
1,3,5-Trimethylbenzene	<SRL	<SRL	NA
β-Pinene	<SRL	<SRL	NA
1,2,4-Trimethylbenzene	<SRL	<SRL	NA
Benzyl Chloride (a-Chlorotoluene)	<SRL	<SRL	NA
1,3-Dichlorobenzene	<SRL	<SRL	NA
1,4-Dichlorobenzene	<SRL	<SRL	NA
Sec-ButylBenzene	<SRL	<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	<SRL	<SRL	NA
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)





**BLUE SKY ENVIRONMENTAL, INC**  
 2273 Lobert Street  
 Castro Valley, CA, 94546  
 510.525.1261 ph

Contact: Jeramie Richardson (810) 923-3181  
 E-Mail: jrichardson@blueskyenvironmental.com

LAB: AAC  
 ADDRESS: 2225 Sperry Avenue  
 Ventura, CA 93003  
 ph/fax 805 650 1642, fax -1644  
 Contact: John Yokoyama  
 E-Mail: jyokoyama@aaclab.com

**CHAIN OF CUSTODY RECORD**

**Analysis Requested**

Project Name:

OX Mountain Flare (A-7)

Project #:

231460

SAMPLE Date	SAMPLE Time	Sample ID (Method-Run-Fraction)	CANISTER NUMBER	Type/Size of container	Analysis Requested					
					ASTM 1945	25C	TO-15	ASTM 5504	INITIAL VAC	FINAL VAC
7/21/23	0815-0845	1-LFG- Flare (A-7) 47085	2658	6L SILCO	X	X	X	X	28.48	8.16
7/21/23	0916-0946	2-LFG-Flare (A-7) 47086	2600	6L SILCO	X	X	X	X	30.33	5.95
7/21/23	1012-1042	3-LFG-Flare (A-7) 47087	2598	6L SILCO	X	X	X	X	28.22	4.75

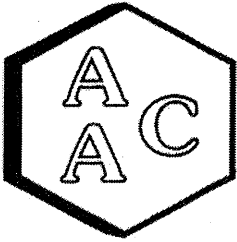
All samples submitted to laboratories are accepted on a custodial basis only. Ownership of sample remains with the client submitting the sample. Samples should be held for 90+ days. The laboratory reserves the right to return unused sample portions.

COMMENTS:

Email results to [bluesky@blueskyenvironmental.com](mailto:bluesky@blueskyenvironmental.com)

Relinquished by: <u>Jaimie Rios</u>	Date: <u>07-24-23</u>	Time: <u>10:15</u>	Received by: <u>[Signature]</u>	Date: <u>7/25/23</u>	Time: <u>1503</u>
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:





## Atmospheric Analysis & Consulting, Inc.

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CLIENT : Blue Sky Environmental, Inc.  
PROJECT NAME : OX Mountain Flare (A-9)  
AAC PROJECT NO. : 231459  
REPORT DATE : 08/11/2023


On July 25<sup>th</sup> 2023, Atmospheric Analysis & Consulting, Inc. received three (3) Six-Liter Silonite Canisters for TNMOC analysis by EPA 25C, Total Reduced Sulfur 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)
1-LFG-Flare (A-9)	231459-47082	566.8
2-LFG-Flare (A-9)	231459-47083	537.7
3-LFG-Flare (A-9)	231459-47084	560.6

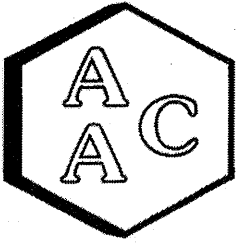
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at [www.aacalab.com](http://www.aacalab.com).

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*

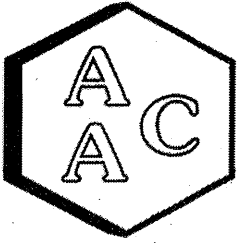
CLIENT : Blue Sky Environmental, Inc.  
 PROJECT NO. : 231459  
 MATRIX : Air

SAMPLING DATE : 07/20/2023  
 RECEIVING DATE : 07/25/2023  
 ANALYSIS DATE : 08/02-11/2023  
 REPORT DATE : 08/11/2023

### *ASTM D-1945*

Client ID	1-LFG-Flare (A-9)	2-LFG-Flare (A-9)	3-LFG-Flare (A-9)
AAC ID	231459-47082	231459-47083	231459-47084
Can Dilution Factor	1.81	1.90	1.83
Analyte	Result	Result	Result
H <sub>2</sub>	< 1.8 %	< 1.9 %	< 1.8 %
O <sub>2</sub>	1.6 %	1.7 %	1.7 %
N <sub>2</sub>	12.5 %	12.9 %	12.7 %
CO	< 0.2 %	< 0.2 %	< 0.2 %
CO <sub>2</sub>	35.6 %	35.5 %	35.6 %
CH <sub>4</sub>	50.2 %	49.9 %	50.1 %
C <sub>2</sub> (as Ethane)	< 4.5 ppmV	< 4.7 ppmV	< 4.6 ppmV
C <sub>3</sub> (as Propane)	23.2 ppmV	22.1 ppmV	21.4 ppmV
C <sub>4</sub> (as Butane)	9.0 ppmV	8.3 ppmV	7.4 ppmV
C <sub>5</sub> (as Pentane)	15.7 ppmV	12.5 ppmV	10.3 ppmV
C <sub>6</sub> (as Hexane)	20.7 ppmV	16.9 ppmV	16.8 ppmV
C <sub>6</sub> + (as Hexane)	251.8 ppmV	180.4 ppmV	181.1 ppmV
THC (as Methane)	503,782 ppmC	500,308 ppmC	501,923 ppmC
TNMHC (as Methane)	1,811 ppmC	1,340 ppmC	1,327 ppmC
TNMNEHC (as Methane)	1,811 ppmC	1,340 ppmC	1,327 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.

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## Laboratory Analysis Report

Client : Blue Sky Environmental, Inc.  
Project No. : 231459  
Matrix : AIR  
Units : ppmC

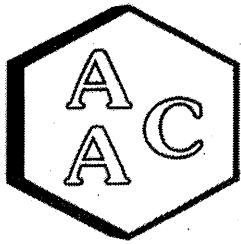
Sampling Date : 07/20/2023  
Receiving Date : 07/25/2023  
Analysis Date : 08/02/2023  
Report Date : 08/11/2023

### EPA 25C

<i>Reporting Limit: 3.0 ppmC</i>		<i>Canister</i>	<i>Analysis</i>	<i>TNMOC*</i>	<i>SRL (RL x DF's)</i>
<i>Client Sample ID</i>	<i>AAC ID</i>	<i>Dilution Factor</i>	<i>Dilution Factor</i>		
1-LFG-Flare (A-9)	231459-47082	1.8	1.0	1096	5.4
2-LFG-Flare (A-9)	231459-47083	1.9	1.0	1037	5.7
3-LFG-Flare (A-9)	231459-47084	1.8	1.0	1020	5.5

*Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac x Canister Dil. Fac.*

*\*Total Non-Methane Organic Carbon*



# Atmospheric Analysis & Consulting, Inc.

## LABORATORY ANALYSIS REPORT

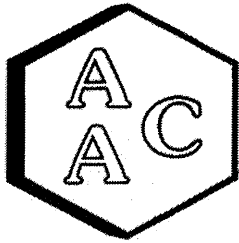
CLIENT : Blue Sky Environmental, Inc.  
 PROJECT NO. : 231459  
 MATRIX : AIR  
 UNITS : ppmv

SAMPLING DATE : 07/20/2023  
 RECEIVING DATE : 07/25/2023  
 ANALYSIS DATE : 07/26/2023  
 REPORT DATE : 08/11/2023

### Total Reduced Sulfur Compounds by ASTM D-5504

Client ID	1-LFG-Flare (A-9)	2-LFG-Flare (A-9)	3-LFG-Flare (A-9)
AAC ID	231459-47082	231459-47083	231459-47084
Canister Dil. Fac.	1.8	1.9	1.8
Analyte	Result	Result	Result
Hydrogen Sulfide	175	196	235
COS / SO2	< 0.090	< 0.095	< 0.091
Methyl Mercaptan	1.82	1.90	1.74
Ethyl Mercaptan	0.441	< 0.095	0.265
Dimethyl Sulfide	1.17	0.995	1.19
Carbon Disulfide	0.177	0.149	0.299
Isopropyl Mercaptan	1.16	1.21	1.16
tert-Butyl Mercaptan	< 0.090	< 0.095	< 0.091
n-Propyl Mercaptan	< 0.090	< 0.095	< 0.091
Methylethylsulfide	< 0.090	< 0.095	< 0.091
sec-Butyl Mercaptan / Thiophene	1.31	1.56	1.44
iso-Butyl Mercaptan	< 0.090	< 0.095	< 0.091
Diethyl Sulfide	< 0.090	< 0.095	< 0.091
n-Butyl Mercaptan	< 0.090	< 0.095	< 0.091
Dimethyl Disulfide	< 0.090	< 0.095	< 0.091
2-Methylthiophene	0.483	0.413	0.465
3-Methylthiophene	< 0.090	< 0.095	< 0.091
Tetrahydrothiophene	< 0.090	< 0.095	< 0.091
Bromothiophene	< 0.090	< 0.095	< 0.091
Thiophenol	< 0.090	< 0.095	< 0.091
Diethyl Disulfide	< 0.090	< 0.095	< 0.091
Total Unidentified Sulfur	1.64	< 0.095	< 0.091
<b>Total Reduced Sulfurs</b>	<b>184</b>	<b>202</b>	<b>242</b>

All unidentified compound's concentrations expressed in terms of H<sub>2</sub>S  
 Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



# Atmospheric Analysis & Consulting, Inc.

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## Quality Control/Quality Assurance Report

Analysis Date : 08/02/2023  
 Analyst : KM/RW  
 Units : ppmv

Instrument ID: : GCTCA#2-FID  
 Calibration Date: : 03/29/2023

### I - Opening Calibration Verification Standard - Method 25C

Analyte	xRF	DRF	%RPD*
Propane	312922	309493	1.1

### II - TNMOC Response Factor - Method 25C

Analyte	xRF	CV RF	CV dp RF	CV tp RF	Average RF	% RPD***
Propane	312922	287547	294504	286563	289538	7.8

### 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	50.6	47.58	46.29	94.1	91.6	2.7

### V - Closing Calibration Verification Standard - Method 25C

Analyte	xCF	dCF	%RPD*
Propane	312922	290868	7.3

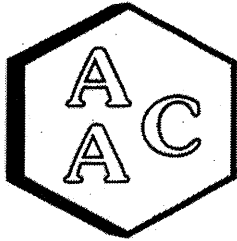
*xCF - Average Calibration Factor from Initial Calibration Curve*

*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 : 08/02/2023  
 Analyst : KM/RW  
 Units : %

Instrument ID : GC-TCA #2  
 Calb Date : 03/22/2023  
 Reporting Limit : 0.1%

### I - Opening Continuing Calibration Verification - SCAQMD 25.1,25.3

AAC ID	Analyte	O <sub>2</sub>	N <sub>2</sub>	CH <sub>4</sub>	CO	CO <sub>2</sub>
CCV	Spike Conc	10.2	20.5	10.0	10.0	10.0
	Result	10.9	21.6	10.0	9.6	9.9
	% Rec *	106.2	105.5	99.7	96.6	99.0

### II - Method Blank - SCAQMD 25.1,25.3

AAC ID	Analyte	O <sub>2</sub>	N <sub>2</sub>	CH <sub>4</sub>	CO	CO <sub>2</sub>
MB	Concentration	ND	ND	ND	ND	ND

### III - Laboratory Control Spike & Duplicate - SCAQMD 25.1,25.3

AAC ID	Analyte	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
	Spike Conc	11.0	21.1	9.5	9.5	9.6
	LCS Result	10.7	21.1	10.0	9.6	9.9
	LCSD Result	10.8	21.1	9.9	9.5	9.7
	LCS % Rec *	97.7	99.9	105.9	101.2	102.9
	LCSD % Rec *	98.8	100.0	104.2	99.9	101.8
	% RPD ***	1.1	0.0	1.6	1.3	1.1

### IV - Sample & Sample Duplicate - SCAQMD 25.1,25.3

AAC ID	Analyte	O <sub>2</sub>	N <sub>2</sub>	CH <sub>4</sub>	CO	CO <sub>2</sub>
231379-46758	Sample	10.7	38.9	0.0	0.0	0.3
	Sample Dup	10.7	39.0	0.0	0.0	0.3
	Mean	10.7	38.9	0.0	0.0	0.3
	% RPD ***	0.2	0.2	0.0	0.0	0.9

### V - Matrix Spike & Duplicate - SCAQMD 25.1,25.3

AAC ID	Analyte	N <sub>2</sub>	CH <sub>4</sub>	CO	CO <sub>2</sub>
231379-46758	Sample Conc	19.5	0.0	0.0	0.2
	Spike Conc	10.0	10.0	10.0	10.0
	MS Result	29.5	10.3	9.8	10.2
	MSD Result	29.4	10.0	9.5	10.0
	MS % Rec **	100.6	102.6	98.2	100.5
	MSD % Rec **	99.5	99.5	95.6	98.0
	% RPD ***	1.1	3.1	2.7	2.5

### VI - Closing Continuing Calibration Verification - SCAQMD 25.1,25.3

AAC ID	Analyte	O <sub>2</sub>	N <sub>2</sub>	CH <sub>4</sub>	CO	CO <sub>2</sub>
CCV	Spike Conc	10.2	20.5	10.0	10.0	10.0
	Result	10.2	20.3	10.2	9.7	10.0
	% Rec *	99.8	99.5	102.0	97.7	100.2

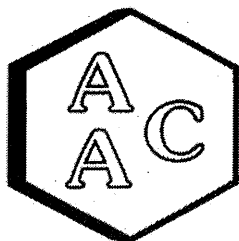
\* Must be 85-115%

\*\* 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 : 08/11/2023  
 Analyst : NR/RW  
 Units : ppmv

Instrument ID : FID #3  
 Calb Date : 01/16/23  
 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	99.7	98.2	100.0	99.6	99.9	100.1
	Result	105.1	107.6	105.1	109.2	110.8	113.0
	% Rec *	105.5	109.6	105.2	109.6	110.9	112.9

### 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	99.7	98.2	100.0	99.6	99.9	100.1
	LCS Result	104.9	106.5	104.4	108.8	110.6	110.4
	LCSD Result	96.1	98.6	97.0	100.8	102.7	103.0
	LCS % Rec *	105.2	108.4	104.5	109.2	110.8	110.4
	LCSD % Rec *	96.4	100.4	97.0	101.2	102.9	102.9
	% RPD ***	8.8	7.7	7.4	7.6	7.4	7.0

### IV - Sample & Sample Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
231220-29434	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
231220-29434	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	49.8	49.1	50.0	49.8	49.9	50.0
	MS Result	44.1	43.9	43.2	45.0	45.8	46.5
	MSD Result	47.3	47.2	46.2	48.4	49.2	49.2
	MS % Rec **	88.5	89.3	86.4	90.4	91.6	93.0
	MSD % Rec **	94.8	96.1	92.5	97.3	98.6	98.4
	% RPD ***	7.0	7.4	6.8	7.3	7.3	5.6

### VI - Closing Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	99.7	98.2	100.0	99.6	99.9	100.1
	Result	101.7	103.7	102.5	106.1	107.1	109.1
	% Rec *	102.0	105.6	102.6	106.6	107.2	109.0

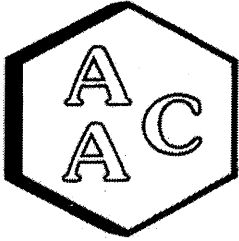
\* Must be 85-115%

\*\* 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: 7/26/2023  
 Analyst: ZD  
 Units: ppbV

Instrument ID: SCD#10  
 Calb. Date: : 07/11/2022

### Opening Calibration Verification Standard

*499.8 ppbV H<sub>2</sub>S (SS1289)*

H <sub>2</sub> S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1780	483	96.6	1.3
Duplicate	1819	493	98.7	0.8
Triplicate	1813	492	98.4	0.5

*547.5 ppbV H<sub>2</sub>S (SS1289)*

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2325	539	98.5	0.4
Duplicate	2318	538	98.2	0.1
Triplicate	2301	534	97.5	0.6

*479.0 ppbV H<sub>2</sub>S (SS1289)*

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2537	480	100.1	0.9
Duplicate	2510	475	99.1	0.1
Triplicate	2494	471	98.4	0.8

### Method Blank

Analyte	Result
H <sub>2</sub> S	<PQL
MeSH	<PQL
DMS	<PQL

### Duplicate Analysis

Sample ID 220521-28941

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H <sub>2</sub> S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

### Matrix Spike & Duplicate

Sample ID 220521-28941

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H <sub>2</sub> S	<PQL	249.9	239.7	254.7	95.9	101.9	6.1
MeSH	<PQL	273.8	271.5	272.1	99.2	99.4	0.2
DMS	<PQL	239.5	243.4	245.8	101.6	102.6	1.0

### Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H <sub>2</sub> S	499.8	517.1	103.5
MeSH	547.5	564.0	103.0
DMS	479.0	508.0	106.0

\* Must be 95-105%, \*\* Must be 90-110%, \*\*\* Must be < 10%, \*\*\*\* Must be < 5% RPD from Mean result.

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV  
 DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV





BLUE SKY ENVIRONMENTAL, INC  
 2273 Lobert Street  
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Contact: *Jeramie Richardson (810) 923-3181*  
 E-Mail

LAB: AAC

ADDRESS: 2225 Sperry Avenue  
 Ventura, CA 93003

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Contact: John Yokoyama

E-Mail: [john.yokoyama@blue-sky.com](mailto:john.yokoyama@blue-sky.com)

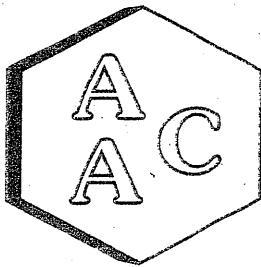
**CHAIN OF CUSTODY RECORD**

					Type/Size of container	Analysis Requested								
						ASTM 1945	25C	TO-15	ASTM 5504		INITIAL VAC	FINAL VAC		
Project Name: OX Mountain Flare (A-9)						6L SILCO								
Project #: 231459														
SAMPLE Date	SAMPLE Time	Sample ID (Method-Run-Fraction)	CANISTER NUMBER											
7/20/23	1320-1350	1-LFG-Flare (A-9) 47082	2803				X	X	X	X		29.67	6.53	
7/20/23	1418-1448	2-LFG-Flare (A-9) 47083	2654		X	X	X	X		29.77	7.65			
7/20/23	1517-1547	3-LFG-Flare (A-9) 47084	2602		X	X	X	X		29.74	6.73			

All samples submitted to laboratories are accepted on a custodial basis only. Ownership of sample remains with the client submitting the sample. Samples should be held for 90+ days. The laboratory reserves the right to return unused sample portions.

COMMENTS:

Relinquished by: <i>Jaime Elias</i>	Date: <i>07-24-23</i>	Time: <i>10:00</i>	Received by: <i>[Signature]</i>	Date: <i>7/25/23</i>	Time: <i>1:50</i>
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:



# Atmospheric Analysis & Consulting, Inc.

CLIENT : Blue Sky Environmental  
PROJECT NAME : OX Mountain Flare (A-9)  
AAC PROJECT NO. : 231459  
REPORT DATE : 08/01/2023

On July 25, 2023, Atmospheric Analysis & Consulting, Inc. received three (3) 6.0-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:

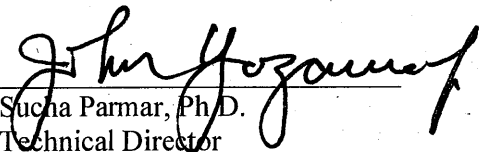
Client ID	Lab ID	Return Pressure (mmHga)
1-LFG-Flare (A-9)	231459-47082	566.8
2-LFG-Flare (A-9)	231459-47083	537.7
3-LFG-Flare (A-9)	231459-47084	560.6

**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.

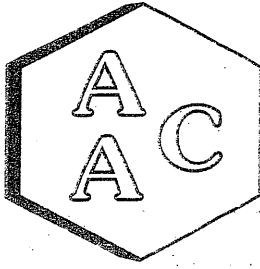
The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

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 10 pages.





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

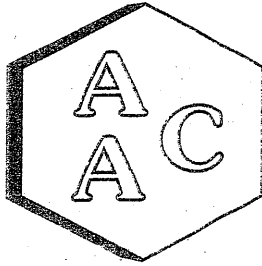
**CLIENT :** Blue Sky Environmental  
**PROJECT NO :** 231459  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

**DATE RECEIVED :** 07/25/2023  
**DATE REPORTED :** 08/01/2023  
**ANALYST :** DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	1-LFG-Flare (A-9)			Sample Reporting Limit (SRL)	2-LFG-Flare (A-9)			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
	AAC ID	Result	Qualifier		AAC ID	Result	Qualifier		
	231459-47082				231459-47083				
Date Sampled	07/20/2023				07/20/2023				
Date Analyzed	07/28/2023				07/28/2023				
Can Dilution Factor	1.81				1.90				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	378		50	45.2	361		50	47.5	0.50
Propene	7780		50	90.4	7330		50	94.9	1.00
Dichlorodifluoromethane	83.1		50	45.2	82.6		50	47.5	0.50
Chloromethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Dichlorotetrafluoroethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Vinyl Chloride	50.6		50	45.2	48.4		50	47.5	0.50
Methanol	4320		50	45.2	4260		50	47.5	5.00
1,3-Butadiene	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Bromomethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Chloroethane	172		50	45.2	165		50	47.5	0.50
Dichlorofluoromethane	51.5		50	45.2	50.3		50	47.5	0.50
Ethanol	9590		500	181.0	9540		500	190.0	2.00
Vinyl Bromide	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Acetone	5340		50	181	5210		50	190	2.00
Trichlorofluoromethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
2-Propanol (IPA)	5500		50	181	5440		50	190	2.00
Acrylonitrile	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
1,1-Dichloroethene	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Methylene Chloride (DCM)	<SRL	U	50	90.4	<SRL	U	50	94.9	1.00
Allyl Chloride	<SRL	U	50	90.4	<SRL	U	50	94.9	1.00
Carbon Disulfide	<SRL	U	50	181	<SRL	U	50	190	2.00
Trichlorotrifluoroethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
trans-1,2-Dichloroethene	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
1,1-Dichloroethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Vinyl Acetate	<SRL	U	50	90.4	<SRL	U	50	94.9	1.00
2-Butanone (MEK)	8570		50	90.4	8420		50	94.9	1.00
cis-1,2-Dichloroethene	104		50	45.2	107		50	47.5	0.50
Hexane	420		50	45.2	377		50	47.5	0.50
Chloroform	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Ethyl Acetate	1290		50	45.2	1230		50	47.5	0.50
Tetrahydrofuran	1670		50	45.2	1640		50	47.5	0.50
1,2-Dichloroethane	141		50	45.2	137		50	47.5	0.50
1,1,1-Trichloroethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Benzene	917		50	45.2	908		50	47.5	0.50





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : Blue Sky Environmental  
 PROJECT NO : 231459  
 MATRIX : AIR  
 UNITS : PPB (v/v)

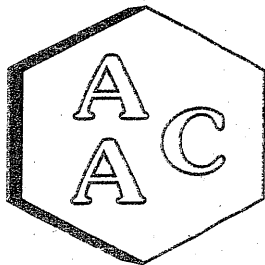
DATE RECEIVED : 07/25/2023  
 DATE REPORTED : 08/01/2023  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	1-LFG-Flare (A-9)			Sample Reporting Limit (SRL) (MRLxDF's)	2-LFG-Flare (A-9)			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
	AAC ID	Result	Qualifier		AAC ID	Result	Qualifier		
Date Sampled	07/20/2023				07/20/2023				
Date Analyzed	07/28/2023				07/28/2023				
Can Dilution Factor	1.81				1.90				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Cyclohexane	378		50	45.2	375		50	47.5	0.50
1,2-Dichloropropane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Bromodichloromethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
1,4-Dioxane	<SRL	U	50	90.4	<SRL	U	50	94.9	1.00
Trichloroethene (TCE)	60.6		50	45.2	62.6		50	47.5	0.50
2,2,4-Trimethylpentane	154		50	45.2	151		50	47.5	0.50
Heptane	754		50	45.2	752		50	47.5	0.50
cis-1,3-Dichloropropene	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
4-Methyl-2-pentanone (MiBK)	372		50	45.2	364		50	47.5	0.50
trans-1,3-Dichloropropene	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
1,1,2-Trichloroethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Toluene	3790		50	45.2	3720		50	47.5	0.50
2-Hexanone (MBK)	<SRL	U	50	90.4	<SRL	U	50	94.9	1.00
Dibromochloromethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
1,2-Dibromoethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Tetrachloroethene (PCE)	76.8		50	45.2	75.0		50	47.5	0.50
Chlorobenzene	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Ethylbenzene	2590		50	45.2	2610		50	47.5	0.50
m & p-Xylene	3700		50	90.4	3730		50	94.9	1.00
Bromoform	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Styrene	292		50	45.2	294		50	47.5	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
o-Xylene	1450		50	45.2	1460		50	47.5	0.50
4-Ethyltoluene	627		50	45.2	657		50	47.5	0.50
1,3,5-Trimethylbenzene	367		50	45.2	383		50	47.5	0.50
1,2,4-Trimethylbenzene	877		50	45.2	899		50	47.5	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
1,3-Dichlorobenzene	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
1,4-Dichlorobenzene	492		50	45.2	514		50	47.5	0.50
1,2-Dichlorobenzene	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
1,2,4-Trichlorobenzene	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
Hexachlorobutadiene	<SRL	U	50	45.2	<SRL	U	50	47.5	0.50
BFB-Surrogate Std. % Recovery		101%				103%			70-130%

U - Compound was not detected at or above the SRL.





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

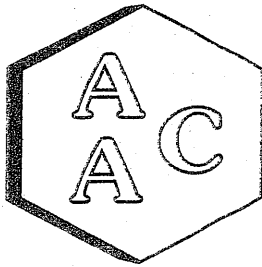
CLIENT : Blue Sky Environmental  
 PROJECT NO : 231459  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2023  
 DATE REPORTED : 08/01/2023  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>		3-LFG-Flare (A-9)			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
<i>AAC ID</i>		231459-47084				
<i>Date Sampled</i>		07/20/2023				
<i>Date Analyzed</i>		07/28/2023				
<i>Can Dilution Factor</i>		1.83				
<i>Compound</i>	Result	Qualifier	Analysis DF			
Chlorodifluoromethane	326		50	45.7	0.50	
Propene	6670		50	91.4	1.00	
Dichlorodifluoromethane	80.5		50	45.7	0.50	
Chloromethane	<SRL	U	50	45.7	0.50	
Dichlorotetrafluoroethane	<SRL	U	50	45.7	0.50	
Vinyl Chloride	47.5		50	45.7	0.50	
Methanol	3980		50	45.7	5.00	
1,3-Butadiene	<SRL	U	50	45.7	0.50	
Bromomethane	<SRL	U	50	45.7	0.50	
Chloroethane	158		50	45.7	0.50	
Dichlorofluoromethane	48.5		50	45.7	0.50	
Ethanol	11100		500	1830	2.00	
Vinyl Bromide	<SRL	U	50	45.7	0.50	
Acetone	4850		50	183	2.00	
Trichlorofluoromethane	<SRL	U	50	45.7	0.50	
2-Propanol (IPA)	5120		50	183	2.00	
Acrylonitrile	<SRL	U	50	45.7	0.50	
1,1-Dichloroethene	<SRL	U	50	45.7	0.50	
Methylene Chloride (DCM)	<SRL	U	50	91.4	1.00	
Allyl Chloride	<SRL	U	50	91.4	1.00	
Carbon Disulfide	<SRL	U	50	183	2.00	
Trichlorotrifluoroethane	<SRL	U	50	45.7	0.50	
trans-1,2-Dichloroethene	<SRL	U	50	45.7	0.50	
1,1-Dichloroethane	<SRL	U	50	45.7	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	45.7	0.50	
Vinyl Acetate	<SRL	U	50	91.4	1.00	
2-Butanone (MEK)	7650		50	91.4	1.00	
cis-1,2-Dichloroethene	103		50	45.7	0.50	
Hexane	330		50	45.7	0.50	
Chloroform	<SRL	U	50	45.7	0.50	
Ethyl Acetate	1140		50	45.7	0.50	
Tetrahydrofuran	1520		50	45.7	0.50	
1,2-Dichloroethane	129		50	45.7	0.50	
1,1,1-Trichloroethane	<SRL	U	50	45.7	0.50	
Benzene	866		50	45.7	0.50	





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

**CLIENT :** Blue Sky Environmental  
**PROJECT NO :** 231459  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

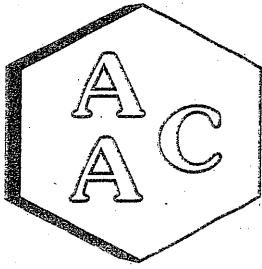
**DATE RECEIVED :** 07/25/2023  
**DATE REPORTED :** 08/01/2023  
**ANALYST :** DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>		3-LFG-Flare (A-9)			<b>Sample Reporting Limit (SRL)</b> (MRLxDF's)	<b>Method Reporting Limit (MRL)</b>
<i>AAC ID</i>		231459-47084				
<i>Date Sampled</i>		07/20/2023				
<i>Date Analyzed</i>		07/28/2023				
<i>Can Dilution Factor</i>		1.83				
<i>Compound</i>	<b>Result</b>	<b>Qualifier</b>	<b>Analysis DF</b>			
Carbon Tetrachloride	<SRL	U	50	45.7	0.50	
Cyclohexane	365		50	45.7	0.50	
1,2-Dichloropropane	<SRL	U	50	45.7	0.50	
Bromodichloromethane	<SRL	U	50	45.7	0.50	
1,4-Dioxane	<SRL	U	50	91.4	1.00	
Trichloroethene (TCE)	63.1		50	45.7	0.50	
2,2,4-Trimethylpentane	147		50	45.7	0.50	
Heptane	714		50	45.7	0.50	
cis-1,3-Dichloropropene	<SRL	U	50	45.7	0.50	
4-Methyl-2-pentanone (MiBK)	343		50	45.7	0.50	
trans-1,3-Dichloropropene	<SRL	U	50	45.7	0.50	
1,1,2-Trichloroethane	<SRL	U	50	45.7	0.50	
Toluene	3550		50	45.7	0.50	
2-Hexanone (MBK)	<SRL	U	50	91.4	1.00	
Dibromochloromethane	<SRL	U	50	45.7	0.50	
1,2-Dibromoethane	<SRL	U	50	45.7	0.50	
Tetrachloroethene (PCE)	77.7		50	45.7	0.50	
Chlorobenzene	<SRL	U	50	45.7	0.50	
Ethylbenzene	2500		50	45.7	0.50	
m & p-Xylene	3680		50	91.4	1.00	
Bromoform	<SRL	U	50	45.7	0.50	
Styrene	291		50	45.7	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	50	45.7	0.50	
o-Xylene	1420		50	45.7	0.50	
4-Ethyltoluene	686		50	45.7	0.50	
1,3,5-Trimethylbenzene	373		50	45.7	0.50	
1,2,4-Trimethylbenzene	861		50	45.7	0.50	
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	45.7	0.50	
1,3-Dichlorobenzene	<SRL	U	50	45.7	0.50	
1,4-Dichlorobenzene	503		50	45.7	0.50	
1,2-Dichlorobenzene	<SRL	U	50	45.7	0.50	
1,2,4-Trichlorobenzene	<SRL	U	50	45.7	0.50	
Hexachlorobutadiene	<SRL	U	50	45.7	0.50	
<b>BFB-Surrogate Std. % Recovery</b>			104%			70-130%

U - Compound was not detected at or above the SRL.





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/28/2023  
 MATRIX : High Purity N<sub>2</sub>  
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02  
 CALIBRATION STD ID : MS1-042023-02  
 ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15 Continuing Calibration Verification of the 06/19/2023 Calibration

Analyte Compounds	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
4-BFB (surrogate standard)	9.60	9.48	99
Chlorodifluoromethane	10.40	10.75	103
Propene	10.60	10.25	97
Dichlorodifluoromethane	10.40	11.76	113
Dimethyl Ether	10.20	10.42	102
Chloromethane	10.40	10.29	99
Dichlorotetrafluoroethane	10.30	10.93	106
Vinyl Chloride	10.50	10.55	100
Acetaldehyde	21.10	25.29	120
Methanol	18.80	18.81	100
1,3-Butadiene	10.60	10.96	103
Bromomethane	10.40	10.81	104
Chloroethane	10.30	10.38	101
Dichlorofluoromethane	10.20	10.98	108
Ethanol	11.20	10.93	98
Vinyl Bromide	10.10	10.32	102
Acrolein	11.10	10.12	91
Acetone	10.60	10.78	102
Trichlorofluoromethane	10.50	11.35	108
2-Propanol (IPA)	11.00	11.25	102
Acrylonitrile	11.20	10.83	97
1,1-Dichloroethene	10.40	10.57	102
Methylene Chloride (DCM)	10.50	10.40	99
TertButanol (TBA)	11.10	11.18	101
Allyl Chloride	10.20	10.12	99
Carbon Disulfide	10.50	9.31	89
Trichlorotrifluoroethane	10.40	10.99	106
trans-1,2-Dichloroethene	10.60	9.72	92
1,1-Dichloroethane	10.50	10.04	96
Methyl Tert Butyl Ether (MTBE)	10.50	9.41	90
Vinyl Acetate	11.00	10.63	97
2-Butanone (MEK)	10.60	10.55	100
cis-1,2-Dichloroethene	10.50	9.88	94
Hexane	10.70	10.31	96
Chloroform	10.60	10.27	97
Ethyl Acetate	10.60	10.30	97
Tetrahydrofuran	10.20	9.26	91
1,2-Dichloroethane	10.50	9.98	95
1,1,1-Trichloroethane	10.40	9.87	95
Benzene	10.60	10.09	95
Carbon Tetrachloride	10.20	9.90	97
Cyclohexane	10.50	10.02	95

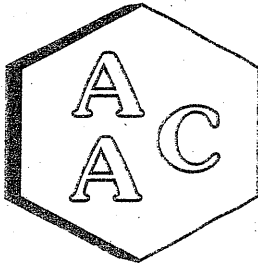
Analyte Compounds (Continued)	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
1,2-Dichloropropane	10.50	10.28	98
Bromodichloromethane	10.40	10.48	101
1,4-Dioxane	10.40	10.25	99
Trichloroethene (TCE)	10.40	9.66	93
2,2,4-Trimethylpentane	10.00	9.74	97
Methyl Methacrylate	11.00	10.49	95
Heptane	10.50	10.14	97
cis-1,3-Dichloropropene	10.40	9.86	95
4-Methyl-2-pentanone (MiBK)	10.40	10.17	98
trans-1,3-Dichloropropene	10.50	10.04	96
1,1,2-Trichloroethane	10.50	10.19	97
Toluene	10.60	10.51	99
2-Hexanone (MBK)	10.50	10.29	98
Dibromochloromethane	10.30	10.17	99
1,2-Dibromoethane	10.60	10.27	97
Tetrachloroethene (PCE)	10.40	10.50	101
Chlorobenzene	10.60	10.66	101
Ethylbenzene	10.50	11.18	106
m & p-Xylene	21.00	21.97	105
Bromoform	10.50	11.56	110
Styrene	10.50	10.89	104
1,1,2,2-Tetrachloroethane	10.50	12.07	115
o-Xylene	10.50	11.30	108
1,2,3-Trichloropropane	11.00	10.94	99
Isopropylbenzene (Cumene)	10.30	11.05	107
α-Pinene	10.70	9.68	90
2-Chlorotoluene	10.30	10.51	102
n-Propylbenzene	10.10	11.69	116
4-Ethyltoluene	10.30	11.42	111
1,3,5-Trimethylbenzene	10.30	11.14	108
β-Pinene	11.00	10.27	93
1,2,4-Trimethylbenzene	10.30	11.14	108
Benzyl Chloride (a-Chlorotoluene)	10.40	10.06	97
1,3-Dichlorobenzene	10.40	11.38	109
1,4-Dichlorobenzene	10.30	11.17	108
Sec-ButylBenzene	10.10	11.12	110
1,2-Dichlorobenzene	10.60	11.26	106
n-ButylBenzene	10.20	11.16	109
1,2-Dibromo-3-Chloropropane	10.10	10.34	102
1,2,4-Trichlorobenzene	11.00	11.49	104
Naphthalene	11.50	11.35	99
Hexachlorobutadiene	11.00	11.93	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 : 07/28/2023

MATRIX : High Purity N<sub>2</sub>

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02

CALIBRATION STD ID : MS1-042023-02

ANALYST : 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	9.48	9.31	99	97	1.8
1,1-Dichloroethene	0.0	10.40	10.57	10.08	102	97	4.7
Methylene Chloride (DCM)	0.0	10.50	10.40	10.23	99	97	1.6
Benzene	0.0	10.60	10.09	9.87	95	93	2.2
Trichloroethene (TCE)	0.0	10.40	9.66	9.64	93	93	0.2
Toluene	0.0	10.60	10.51	10.32	99	97	1.8
Tetrachloroethene (PCE)	0.0	10.40	10.50	10.31	101	99	1.8
Chlorobenzene	0.0	10.60	10.66	10.36	101	98	2.9
Ethylbenzene	0.0	10.50	11.18	10.75	106	102	3.9
m & p-Xylene	0.0	21.00	21.97	21.19	105	101	3.6
o-Xylene	0.0	10.50	11.30	10.91	108	104	3.5

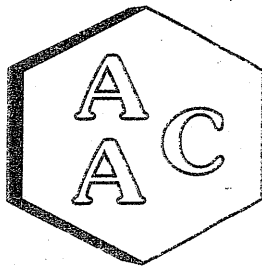
<sup>1</sup> Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

<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 : 07/28/2023

INSTRUMENT ID : GC/MS-02

MATRIX : High Purity He or N<sub>2</sub>

ANALYST : DL

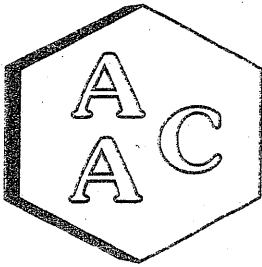
UNITS : PPB (v/v)

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 072823	Reporting Limit (RL)	Analyte Compounds (Continued)	MB 072823	Reporting Limit (RL)
4-BFB (surrogate standard)	87%	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	1.0	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	Bromoform	<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	0.5
Cyclohexane	<RL	0.5	Hexachlorobutadiene	<RL	0.5





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/28/2023

MATRIX : Air

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02

ANALYST : DL

DILUTION FACTOR<sup>1</sup> : x10.91

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231434-46968

Analyte Compounds	Sample	Duplicate	RPD <sup>2</sup>
4-BFB (surrogate standard)	8.82	8.98	1.8
Chlorodifluoromethane	<SRL	<SRL	NA
Propene	13.9	13.0	6.5
Dichlorodifluoromethane	<SRL	<SRL	NA
Dimethyl Ether	<SRL	<SRL	NA
Chloromethane	<SRL	<SRL	NA
Dichlorotetrafluoroethane	<SRL	<SRL	NA
Vinyl Chloride	<SRL	<SRL	NA
Acetaldehyde	<SRL	<SRL	NA
Methanol	75.8	72.6	4.4
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	139	136	2.1
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	26.4	30.6	14.6
Trichlorofluoromethane	<SRL	<SRL	NA
2-Propanol (IPA)	<SRL	<SRL	NA
Acrylonitrile	<SRL	<SRL	NA
1,1-Dichloroethene	<SRL	<SRL	NA
Methylene Chloride (DCM)	<SRL	<SRL	NA
TertButanol (TBA)	<SRL	<SRL	NA
Allyl Chloride	<SRL	<SRL	NA
Carbon Disulfide	23.4	22.7	2.8
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)	<SRL	<SRL	NA
cis-1,2-Dichloroethene	<SRL	<SRL	NA
Hexane	<SRL	<SRL	NA
Chloroform	<SRL	<SRL	NA
Ethyl Acetate	<SRL	<SRL	NA
Tetrahydrofuran	<SRL	<SRL	NA
1,2-Dichloroethane	<SRL	<SRL	NA
1,1,1-Trichloroethane	<SRL	<SRL	NA
Benzene	<SRL	<SRL	NA
Carbon Tetrachloride	<SRL	<SRL	NA
Cyclohexane	<SRL	<SRL	NA

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	<SRL	<SRL	NA
Methyl Methacrylate	<SRL	<SRL	NA
Heptane	<SRL	<SRL	NA
cis-1,3-Dichloropropene	<SRL	<SRL	NA
4-Methyl-2-pentanone (MiBK)	<SRL	<SRL	NA
trans-1,3-Dichloropropene	<SRL	<SRL	NA
1,1,2-Trichloroethane	<SRL	<SRL	NA
Toluene	<SRL	<SRL	NA
2-Hexanone (MBK)	<SRL	<SRL	NA
Dibromochloromethane	<SRL	<SRL	NA
1,2-Dibromoethane	<SRL	<SRL	NA
Tetrachloroethene (PCE)	<SRL	<SRL	NA
Chlorobenzene	<SRL	<SRL	NA
Ethylbenzene	<SRL	<SRL	NA
m & p-Xylene	<SRL	<SRL	NA
Bromoform	<SRL	<SRL	NA
Styrene	<SRL	<SRL	NA
1,1,2,2-Tetrachloroethane	<SRL	<SRL	NA
o-Xylene	<SRL	<SRL	NA
1,2,3-Trichloropropane	<SRL	<SRL	NA
Isopropylbenzene (Cumene)	<SRL	<SRL	NA
α-Pinene	<SRL	<SRL	NA
2-Chlorotoluene	<SRL	<SRL	NA
n-Propylbenzene	<SRL	<SRL	NA
4-Ethyltoluene	<SRL	<SRL	NA
1,3,5-Trimethylbenzene	<SRL	<SRL	NA
β-Pinene	<SRL	<SRL	NA
1,2,4-Trimethylbenzene	<SRL	<SRL	NA
Benzyl Chloride (α-Chlorotoluene)	<SRL	<SRL	NA
1,3-Dichlorobenzene	<SRL	<SRL	NA
1,4-Dichlorobenzene	<SRL	<SRL	NA
Sec-ButylBenzene	<SRL	<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	<SRL	<SRL	NA
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)





BLUE SKY ENVIRONMENTAL, INC

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Contact: Jeramie Richardson (810) 923-3181

E.Mail jrichardson@blueskyenvironmental.com

LAB: AAC

ADDRESS: 2225 Sperry Avenue

Ventura, CA 93003

ph/fax 805 650 1642, fax -1644

Contact: John Yokoyama

E.Mail jyokoyama@aacfab.com

### CHAIN OF CUSTODY RECORD

#### Analysis Requested

Project Name: OX Mountain Flare (A-9)					Type/Size of container	Analysis Requested					
Project #: 231459						ASTM 1945	25C	TO-15	ASTM 5504	INITIAL VAC	FINAL VAC
SAMPLE Date	SAMPLE Time	Sample ID (Method-Run-Fraction)		CANISTER NUMBER							
7/20/23	1320-1350	1-LFG- Flare (A-9) 47082		2803	6L SILCO	X	X	X	X	29.67	6.53
7/20/23	1418-1448	2-LFG-Flare (A-9) 47083		2654	6L SILCO	X	X	X	X	29.77	7.65
7/20/23	1517-1547	3-LFG-Flare (A-9) 47084		2602	6L SILCO	X	X	X	X	29.74	6.73

All samples submitted to laboratories are accepted on a custodial basis only. Ownership of sample remains with the client submitting the sample. Samples should be held for 90+ days. The laboratory reserves the right to return unused sample portions.

COMMENTS:

Email results to bluesky@blueskyenvironmental.com

Relinquished by: Jaime Elos	Date: 07-24-23	Time: 10:00	Received by: 	Date: 7/25/23	Time: 1503
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

DATE	TIME	O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC	ZERO
		%	%	PPM	PPM	PPM	PPM	SPAN
7/21/2023	7:21:08	0.05	0.00	-0.05	0.02	0.90	0.00	
7/21/2023	7:27:09	20.75	18.26	23.06	86.37			
7/21/2023	7:31:10	10.49	9.67	12.82	44.71			INTERNAL LINEARITY
7/21/2023	7:28:10					444.87	43.61	
7/21/2023	7:32:10					245.67	26.00	
7/21/2023	7:40:12					153.79	15.49	
7/21/2023	8:08:17			11.85				
7/21/2023	8:09:17			11.84				NO <sub>2</sub> CHECK
7/21/2023	8:10:17			11.86				
7/21/2023	8:11:17			12.08				
7/21/2023	8:12:17			12.00				
7/21/2023	8:13:17			12.16				
7/21/2023	7:53:14	10.56	9.63	0.03	0.06			EXTERNAL BIAS
7/21/2023	7:50:13	0.06	0.03	12.75				
7/21/2023	7:47:13				44.69			

# Ox Mountain (Los Trancos Canyon Landfill)

## Landfill Gas Flare A-7

RUN 1		O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC
DATE	TIME	%	%	PPM	PPM	PPM	PPM
7/21/2023	8:15:18	13.83	6.25	12.32	13.09	-0.59	-0.07
7/21/2023	8:16:18	13.20	6.58	12.41	15.36	-0.26	-0.01
7/21/2023	8:17:18	13.24	6.49	12.11	10.42	-0.33	0.11
7/21/2023	8:18:18	13.16	6.64	12.30	12.79	-0.54	0.40
7/21/2023	8:19:19	13.00	6.81	12.73	4.83	-0.53	-0.06
7/21/2023	8:20:19	13.07	6.70	12.75	5.86	-0.51	0.66
7/21/2023	8:21:19	13.43	6.31	12.40	2.37	-0.57	0.32
7/21/2023	8:22:19	13.53	6.29	12.15	2.59	-0.60	0.39
7/21/2023	8:23:19	13.52	6.30	12.33	2.55	-0.79	1.09
7/21/2023	8:24:19	13.59	6.18	12.12	3.46	-0.60	1.63
7/21/2023	8:25:20	13.70	6.13	12.05	3.55	-0.59	1.15
7/21/2023	8:26:20	13.62	6.23	12.09	3.38	-0.68	0.45
7/21/2023	8:27:20	13.60	6.17	11.97	4.91	-0.54	0.49
7/21/2023	8:28:20	13.66	6.11	11.30	6.85	-0.55	0.39
7/21/2023	8:29:20	13.31	6.47	11.66	5.22	-0.53	0.79
7/21/2023	8:30:20	13.26	6.49	11.54	4.61	-0.65	0.79
7/21/2023	8:31:21	13.31	6.39	11.52	4.09	-0.65	0.71
7/21/2023	8:32:21	13.28	6.46	12.64	2.92	-0.60	1.03
PORT CHANGE							
7/21/2023	8:38:22	14.07	5.99	11.65	22.35	-0.66	2.80
7/21/2023	8:39:22	13.59	6.19	12.85	30.17	-0.77	0.95
7/21/2023	8:40:22	13.46	6.37	13.74	14.04	-0.63	1.16
7/21/2023	8:41:22	13.53	6.30	14.59	9.60	-0.51	0.04
7/21/2023	8:42:23	13.20	6.52	15.53	6.45	-0.61	1.75
7/21/2023	8:43:23	13.49	6.37	15.61	1.54	-0.67	1.60
7/21/2023	8:44:23	13.06	6.64	15.53	1.31	-0.49	1.53
7/21/2023	8:45:23	13.27	6.58	15.24	0.36	-0.61	1.44
7/21/2023	8:46:23	13.08	6.73	14.76	0.39	-0.59	0.98
7/21/2023	8:47:23	13.07	6.76	15.90	0.45	-0.53	0.51
7/21/2023	8:48:24	13.08	6.68	15.00	0.40	-0.52	0.68
7/21/2023	8:49:24	12.96	6.82	14.90	0.26	-0.69	0.76
7/21/2023	8:50:24	12.80	6.98	15.33	0.21	-0.58	1.24
7/21/2023	8:51:24	12.96	6.88	14.87	0.24	-0.61	6.37
7/21/2023	8:52:24	12.94	6.88	14.20	0.22	-0.65	4.48
7/21/2023	8:53:24	12.97	6.85	13.47	0.24	-0.59	6.18
7/21/2023	8:54:25	12.89	6.92	13.91	0.25	-0.60	4.85
7/21/2023	8:55:25	13.37	6.44	12.47	1.08	-0.71	2.41
<b>AVERAGE</b>		<b>13.31</b>	<b>6.50</b>	<b>13.28</b>	<b>5.51</b>	<b>-0.59</b>	<b>1.39</b>

7/21/2023	9:05:27					449.41	43.48
7/21/2023	9:07:27				44.71		
7/21/2023	9:10:27	0.09	0.01	12.73			
7/21/2023	9:13:28	10.39	9.64	0.05	0.12	0.86	0.69

RUN 2		O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC
TIME	%	%	PPM	PPM	PPM	PPM	PPM
9:16:28	13.23	6.50	13.11	0.66	-0.70	0.28	
9:17:29	13.34	6.40	12.43	1.15	-0.52	-0.05	
9:18:29	13.20	6.54	12.93	0.95	-0.60	-0.05	
9:19:29	13.25	6.46	14.61	0.43	-0.62	-0.05	
9:20:29	12.76	6.92	15.64	0.27	-0.58	-0.06	
9:21:29	12.85	6.87	15.27	0.28	-0.62	-0.05	
9:22:29	12.92	6.81	14.23	0.24	-0.62	-0.04	
9:23:30	13.08	6.70	13.27	0.34	-0.54	-0.06	
9:24:30	12.82	6.86	13.59	0.27	-0.49	-0.05	
9:25:30	12.64	7.06	14.39	0.25	-0.57	-0.04	
9:26:30	12.58	7.09	14.93	0.24	-0.60	-0.05	
9:27:30	12.68	7.06	14.15	0.25	-0.54	0.54	
9:28:30	12.56	7.18	15.87	0.23	-0.61	1.01	
9:29:31	12.70	7.02	16.15	0.22	-0.59	0.96	
9:30:31	12.58	7.10	14.99	0.22	-0.62	1.00	
9:31:31	12.72	6.99	12.80	0.62	-0.49	1.31	
9:32:31	12.66	7.06	12.74	0.59	-0.56	1.29	
9:33:31	12.66	7.03	12.88	0.62	-0.55	1.26	
PORT CHANGE							
9:38:32	13.53	6.25	12.19	26.56	-0.67	0.97	
9:39:32	13.56	6.20	11.94	43.86	-0.60	1.26	
9:40:33	13.43	6.27	13.32	10.03	-0.52	0.29	
9:41:33	13.41	6.25	13.67	9.56	-0.69	0.65	
9:42:33	13.38	6.32	14.63	4.81	-0.69	1.25	
9:43:33	13.13	6.58	14.96	1.34	-0.58	1.18	
9:44:33	13.12	6.52	14.82	0.60	-0.64	1.12	
9:45:33	13.00	6.70	14.84	0.59	-0.72	0.75	
9:46:34	13.00	6.74	16.01	0.40	-0.53	0.53	
9:47:34	12.95	6.79	14.90	0.36	-0.58	0.61	
9:48:34	13.19	6.52	14.62	0.31	-0.56	0.09	
9:49:34	12.81	6.93	15.08	0.32	-0.62	1.00	
9:50:34	13.03	6.73	13.60	0.24	-0.62	0.11	
9:51:35	12.98	6.72	13.57	0.32	-0.62	1.22	
9:52:35	13.03	6.67	14.20	0.27	-0.58	1.46	
9:53:35	13.38	6.34	12.48	0.91	-0.73	0.99	
9:54:35	13.40	6.34	12.55	1.05	-0.57	0.85	
9:55:35	13.46	6.30	12.30	2.13	-0.57	1.37	
<b>AVERAGE</b>		<b>13.03</b>	<b>6.69</b>	<b>13.99</b>	<b>3.10</b>	<b>-0.60</b>	<b>0.63</b>

10:00:36						447.89	42.85
10:05:37	0.09	0.01	12.76				
10:03:37				44.75			
10:08:37	10.31	9.65	0.05	0.06	0.71	0.51	

RUN 3		O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC
TIME	%	%	PPM	PPM	PPM	PPM	PPM
10:12:38	13.49	6.22	11.50	5.54	-0.59	0.00	
10:13:38	12.99	6.71	13.22	2.95	-0.55	0.44	
10:14:39	13.18	6.48	13.89	0.37	-0.44	0.04	
10:15:39	12.86	6.86	14.08	0.25	-0.44	-0.05	
10:16:39	12.95	6.74	14.88	0.28	-0.54	-0.05	
10:17:39	12.93	6.74	14.17	0.26	-0.56	-0.05	
10:18:39	12.91	6.77	14.69	0.34	-0.68	-0.06	
10:19:39	12.78	6.91	15.25	0.24	-0.65	-0.05	
10:20:40	12.84	6.89	14.67	0.20	-0.53	-0.06	
10:21:40	12.80	6.90	15.21	0.17	-0.54	0.29	
10:22:40	13.08	6.65	13.59	0.33	-0.64	1.13	
10:23:40	13.02	6.76	14.30	0.28	-0.61	0.39	
10:24:40	13.24	6.49	13.30	0.41	-0.50	-0.06	
10:25:40	13.31	6.41	12.80	0.48	-0.61	0.26	
10:26:41	13.14	6.52	13.13	0.44	-0.54	0.65	
10:27:41	13.06	6.68	12.39	0.29	-0.74	0.43	
10:28:41	12.96	6.72	11.97	0.24	-0.59	0.70	
10:29:41	13.28	6.63	12.33	0.24	-0.62	0.03	
PORT CHANGE							
10:34:42	12.76	7.01	12.67	1.05	-0.58	-0.05	
10:35:42	12.82	6.98	12.33	0.33	-0.60	-0.01	
10:36:42	12.92	6.89	12.01	0.47	-0.61	0.36	
10:37:43	12.82	6.95	11.82	0.54	-0.62	0.11	
10:38:43	12.33	7.28	12.47	0.44	-0.56	0.66	
10:39:43	12.39	7.28	13.34	0.19	-0.51	0.22	
10:40:43	12.37	7.28	13.03	0.27	-0.56	0.25	
10:41:43	12.32	7.31	13.15	0.18	-0.55	0.44	
10:42:43	12.62	7.08	13.53	0.32	-0.67	0.33	
10:43:44	12.42	7.23	13.23	0.30	-0.60	0.45	
10:44:44	12.58	7.07	12.71	0.27	-0.68	0.55	
10:45:44	12.97	6.74	12.41	0.24	-0.60	0.47	
10:46:44	12.80	6.85	12.36	0.36	-0.59	0.57	
10:47:44	12.59	7.10	13.06	0.19	-0.53	0.48	
10:48:44	12.56	7.13	13.67	0.25	-0.49	0.32	
10:49:45	12.56	7.16	13.22	0.19	-0.58	0.30	
10:50:45	12.68	6.97	13.32	0.16	-0.49	0.47	
10:51:45	12.95	6.72	13.46	0.17	-0.50	0.62	
<b>AVERAGE</b>		<b>12.84</b>	<b>6.86</b>	<b>13.25</b>	<b>0.53</b>	<b>-0.57</b>	<b>0.29</b>

11:00:47						445.88	43.07
11:03:47				44.61			
11:06:48	0.04	0.01	12.72				
11:09:48	10.35	9.59	0.03	0.09	0.94	0.56	

# (BAAQMD ST-23, CARB/EPA Method 4) Moisture Sampling Data Sheet

Facility:	PS Halfmoon Bay Hare (A-7)	Meter #:	CM-2010-7	Phar:	29.96
Location:	Flute	Yd:	0.96845	% O <sub>2</sub> :	—
Date:	07/21/23	Pyrometer #:	CM-2010-7	% CO <sub>2</sub> :	—
Personnel:	JR/KH			% H <sub>2</sub> O:	—

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter	Imp.		
08:15	0	700.214	61	48	4.0	1.70
	5	704.216	62	48	4.0	1.70
	10	707.623	63	47	4.0	1.70
	15	710.965	64	48	4.0	1.70
	20	714.515	66	49	4.0	1.70
	25	717.603	67	50	4.0	1.70
08:56	30	722.278	—	—	—	—
TOTAL/AVG		22.064	63.8			

Initial Leak Check 0.002 CFM 10 "Hg  
 Final Leak Check 0.002 CFM 10 "Hg

	Initial	Final	Net
Impinger #1:	700.0	736.1	36.1
Impinger #2:	667.7	668.3	0.6
Impinger #3:	555.8	556.1	0.3
Silica Gel:	820.6	825.2	4.6
Total Net:			41.6
% Moisture			8.3

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter	Imp.		
09:16	0	722.602	70	51	4.0	1.70
	5	725.844	70	50	4.0	1.70
	10	729.100	71	50	4.0	1.70
	15	732.512	71	51	4.0	1.70
	20	736.105	71	51	4.0	1.70
	25	739.740	72	52	4.0	1.70
09:55	30	744.613	—	—	—	—
TOTAL/AVG		20.011	70.8			

Initial Leak Check 0.002 CFM 10 "Hg  
 Final Leak Check 0.002 CFM 10 "Hg

	Initial	Final	Net
Impinger #1:	736.1	772.1	36.0
Impinger #2:	668.3	669.6	1.3
Impinger #3:	556.1	557.3	1.2
Silica Gel:	825.2	830.6	5.4
Total Net:			43.9
% Moisture			8.9

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter	Imp.		
10:12	0	744.880	72	52	4.0	1.70
	5	748.681	72	52	4.0	1.70
	10	752.246	73	53	4.0	1.70
	15	755.900	73	53	4.0	1.70
	20	759.593	75	54	4.0	1.70
	25	763.354	75	54	4.0	1.70
10:52	30	767.062	—	—	—	—
TOTAL/AVG		22.182	73.7			

Initial Leak Check 0.002 CFM 10 "Hg  
 Final Leak Check 0.002 CFM 10 "Hg

	Initial	Final	Net
Impinger #1:	772.1	807.1	35
Impinger #2:	669.0	670.2	0.6
Impinger #3:	557.3	557.7	0.4
Silica Gel:	830.6	832.4	1.8
Total Net:			37.8
% Moisture			7.7

Comments: \*H<sub>2</sub>O runs pause halfway through to port + change  
 Field Balance Calibration Check (500 g ± 0.5 g) 500.0  
 $V_m \text{ std} = V_m \cdot Y_d \cdot (T_{\text{std}} + 460) \cdot (P_b + (\Delta H / 13.6)) / (T_m + 460) \cdot 29.92$   
 Stack Moisture H<sub>2</sub>O % =  $100 \cdot V_w \text{ std} / (V_w \text{ std} + V_m \text{ std})$

DATE	TIME	O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC	ZERO
		%	%	PPM	PPM	PPM	PPM	SPAN
7/20/2023	12:12:44	0.04	-0.03	-0.06	0.69	-0.22	0.56	INTERNAL LINEARITY
7/20/2023	12:37:49	20.55	18.21	23.05	86.29			
7/20/2023	12:45:50	10.46	9.66	12.87	44.97			
7/20/2023	12:54:51					449.96	43.83	
7/20/2023	12:58:52					245.68	25.06	
7/20/2023	13:01:53					146.60	15.10	NO <sub>2</sub> CHECK
7/21/2023	8:08:17			11.85				
7/21/2023	8:09:17			11.84				
7/21/2023	8:10:17			11.86				
7/21/2023	8:11:17			12.08				
7/21/2023	8:12:17			12.00				EXTERNAL BIAS
7/21/2023	8:13:17			12.16				
7/20/2023	13:16:55	10.38	9.56	0.13	0.09			
7/20/2023	13:08:54	0.07	-0.03	12.70				
7/20/2023	13:04:53				44.93			

# Ox Mountain (Los Trancos Canyon Landfill)

## Landfill Gas Flare A-9

RUN 1		O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC
DATE	TIME	%	%	PPM	PPM	PPM	PPM
7/20/2023	13:19:56	14.39	5.20	13.61	42.92	3.97	0.39
7/20/2023	13:20:56	14.36	5.27	13.87	41.00	0.98	0.02
7/20/2023	13:21:56	14.42	5.15	13.61	44.38	2.97	0.55
7/20/2023	13:22:56	14.45	5.14	13.69	42.54	5.59	0.60
7/20/2023	13:23:57	14.54	5.05	13.67	46.94	6.45	0.76
7/20/2023	13:24:57	14.68	4.89	12.90	57.42	9.97	0.74
7/20/2023	13:25:57	14.60	4.93	13.00	59.94	19.41	0.87
7/20/2023	13:26:57	14.65	4.85	12.96	59.23	14.33	0.98
7/20/2023	13:27:57	14.83	4.86	12.83	63.96	21.19	0.99
7/20/2023	13:28:57	15.12	4.76	12.64	66.25	29.10	1.12
7/20/2023	13:29:58	14.69	4.86	13.11	64.39	20.06	1.36
7/20/2023	13:30:58	14.62	4.98	13.23	62.57	10.02	0.98
7/20/2023	13:31:58	14.01	5.53	13.62	58.88	7.09	0.65
7/20/2023	13:32:58	13.38	6.26	17.01	10.62	6.99	0.74
7/20/2023	13:33:58	14.14	5.52	15.06	22.68	-0.42	0.38
7/20/2023	13:34:58	14.33	5.22	13.80	42.47	-0.20	-0.05
7/20/2023	13:35:59	14.24	5.34	14.13	44.83	4.38	0.08
7/20/2023	13:36:59	14.48	5.10	13.47	58.27	9.04	0.52

PORT CHANGE

7/20/2023	13:40:59	13.03	5.57	5.25	13.09	4.39	0.26
7/20/2023	13:42:00	14.01	5.46	13.09	47.76	3.93	1.12
7/20/2023	13:43:00	13.95	5.54	13.08	43.06	17.02	1.83
7/20/2023	13:44:00	13.57	5.91	14.59	33.61	14.05	0.91
7/20/2023	13:45:00	13.24	6.29	17.35	9.39	1.82	0.85
7/20/2023	13:46:00	13.96	5.56	14.78	25.80	-0.14	-0.05
7/20/2023	13:47:01	14.07	5.43	13.62	43.46	4.16	-0.04
7/20/2023	13:48:01	14.04	5.44	13.40	44.14	5.36	0.53
7/20/2023	13:49:01	14.16	5.34	13.45	43.97	1.61	2.04
7/20/2023	13:50:01	14.60	4.89	12.37	61.56	6.41	3.12
7/20/2023	13:51:01	14.67	4.72	11.84	63.24	16.43	2.43
7/20/2023	13:52:01	14.05	5.38	13.23	56.67	16.82	0.73
7/20/2023	13:53:02	14.12	5.36	13.67	52.21	9.58	0.88
7/20/2023	13:54:02	13.24	6.17	15.99	32.85	2.55	0.81
7/20/2023	13:55:02	13.73	5.80	16.48	15.69	1.17	2.05
7/20/2023	13:56:02	13.75	5.70	14.68	27.62	3.97	2.30
7/20/2023	13:57:02	13.35	6.08	16.08	21.78	5.29	2.36
7/20/2023	13:58:02	13.38	6.12	17.16	7.19	-0.56	2.36
<b>AVERAGE</b>		<b>14.13</b>	<b>5.32</b>	<b>13.79</b>	<b>42.57</b>	<b>7.91</b>	<b>1.00</b>

7/20/2023	14:05:04					455.30	43.92
7/20/2023	14:07:04				44.67		
7/20/2023	14:09:04	0.05	-0.04	12.68			
7/20/2023	14:16:06	10.28	9.53	0.09	0.14	0.97	0.82

RUN 2		O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC
TIME	%	%	PPM	PPM	PPM	PPM	PPM
14:17:06	13.35	6.33	6.27	12.91	12.91	0.79	0.81
14:18:06	14.02	5.42	13.86	38.26	1.25	0.35	
14:19:06	13.88	5.61	14.54	34.58	7.48	0.27	
14:20:06	13.92	5.57	14.75	31.85	2.65	0.75	
14:21:06	13.89	5.62	15.32	27.54	3.29	0.41	
14:22:07	13.81	5.70	15.41	26.02	2.78	0.54	
14:23:07	13.89	5.62	15.31	26.43	1.65	0.59	
14:24:07	13.73	5.75	15.03	23.66	1.83	0.09	
14:25:07	13.80	5.72	15.11	22.46	3.02	0.28	
14:26:07	13.81	5.73	14.81	25.63	3.14	0.20	
14:27:07	13.73	5.74	15.09	23.58	0.39	-0.07	
14:28:08	13.70	5.73	15.30	21.48	-0.53	-0.03	
14:29:08	13.72	5.72	15.03	22.39	-0.67	-0.05	
14:30:08	13.69	5.84	15.34	20.80	-0.28	-0.04	
14:31:08	13.71	5.80	15.51	23.50	1.32	-0.05	
14:32:08	13.68	5.74	15.06	23.91	2.28	0.21	
14:33:09	13.60	5.82	15.42	18.49	0.61	0.07	
14:34:09	13.46	6.03	16.54	11.34	0.03	-0.05	

PORT CHANGE

14:38:09	14.23	5.53	12.30	29.73	1.92	1.36	
14:39:10	14.48	5.32	12.34	37.64	2.49	0.03	
14:40:10	14.02	5.49	13.05	35.04	4.29	0.53	
14:41:10	13.97	5.49	14.04	32.31	4.68	0.59	
14:42:10	14.09	5.33	13.59	35.15	7.04	0.62	
14:43:10	14.04	5.35	14.01	35.66	-0.04	1.17	
14:44:10	14.21	5.37	14.01	34.28	2.73	1.78	
14:45:11	13.96	5.51	14.16	32.09	1.38	0.52	
14:46:11	14.11	5.48	14.97	29.01	1.44	2.25	
14:47:11	14.06	5.65	14.49	38.30	1.14	2.29	
14:48:11	13.34	6.09	16.60	12.30	0.27	0.60	
14:49:11	13.56	5.92	16.83	12.72	-0.17	1.27	
14:50:11	14.35	5.80	16.10	19.21	-0.52	1.14	
14:51:12	14.11	5.42	14.90	29.61	-0.49	-0.04	
14:52:12	14.22	5.29	14.27	39.53	7.46	0.11	
14:53:12	14.15	5.29	14.41	41.38	6.12	0.91	
14:54:12	14.38	5.31	14.72	40.58	3.36	0.70	
14:55:12	14.37	5.28	14.51	42.82	5.71	0.04	
<b>AVERAGE</b>	<b>13.92</b>	<b>5.62</b>	<b>14.53</b>	<b>28.12</b>	<b>2.22</b>	<b>0.56</b>	

15:07:14						450.84	44.24
15:12:15	0.00	-0.15	12.73				
15:09:15				44.62			
15:15:16	10.19	9.41	0.10	0.09	0.93		1.07

RUN 3		O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC
TIME	%	%	PPM	PPM	PPM	PPM	PPM
15:16:16	13.00	6.63	4.62	14.23	0.93	1.03	
15:17:16	13.78	5.55	14.19	41.17	8.36	1.30	
15:18:16	13.03	6.33	17.35	7.18	5.03	1.11	
15:19:17	13.31	6.00	16.75	8.90	-0.51	2.24	
15:20:17	13.35	6.01	16.94	8.55	-0.63	0.82	
15:21:17	13.54	5.78	16.28	9.98	-0.69	-0.05	
15:22:17	13.65	5.75	16.05	12.35	-0.63	0.87	
15:23:17	13.99	5.34	14.72	30.99	2.66	2.19	
15:24:17	14.00	5.30	14.35	41.37	3.05	0.60	
15:25:18	14.01	5.29	14.47	43.46	3.37	2.50	
15:26:18	14.09	5.27	14.21	46.32	2.74	1.04	
15:27:18	14.05	5.29	14.23	48.29	2.36	2.32	
15:28:18	14.06	5.20	14.14	47.50	3.46	1.42	
15:29:18	14.22	5.08	14.10	51.50	5.57	0.72	
15:30:18	14.34	4.95	13.97	63.16	8.31	0.93	
15:31:19	14.25	5.05	13.71	60.59	16.01	1.15	
15:32:19	14.13	5.12	13.86	48.03	18.01	1.40	
15:33:19	14.07	5.14	13.77	47.02	8.96	1.40	

PORT CHANGE

15:36:19	13.51	5.58	10.33	8.61	2.88	1.56	
15:37:20	13.08	6.16	16.66	12.24	-0.56	2.42	
15:38:20	13.08	6.19	16.41	9.97	-0.60	3.74	
15:39:20	13.20	6.04	16.67	11.02	-0.66	5.96	
15:40:20	13.16	6.09	16.54	11.59	-0.62	4.05	
15:41:20	12.61	6.63	18.06	8.09	-0.50	3.54	
15:42:21	12.52	6.73	19.02	3.81	-0.60	3.07	
15:43:21	12.84	6.39	18.14	3.46	-0.63	2.86	
15:44:21	12.93	6.32	17.46	4.72	-0.54	2.18	
15:45:21	13.62	5.69	15.87	12.34	-0.59	2.15	
15:46:21	14.20	4.98	13.79	19.93	-0.60	2.57	
15:47:21	14.66	4.55	12.35	34.37	-0.24	3.46	
15:48:22	14.78	4.34	11.70	40.25	7.79	12.76	
15:49:22	14.20	4.98	12.75	36.91	7.93	4.30	
15:50:22	12.67	6.44	17.91	8.72	2.81	4.13	
15:51:22	12.81	6.49	18.89	1.27	-0.72	3.79	
15:52:22	13.07	6.23	17.57	2.02	-0.42	3.48	
15:53:22	13.24	6.00	16.92	2.61	-0.57	3.21	
<b>AVERAGE</b>	<b>13.58</b>	<b>5.69</b>	<b>15.13</b>	<b>23.96</b>	<b>2.78</b>	<b>2.56</b>	

16:01:24					442.78	44.37	
16:02:24							

BLUE SKY ENVIRONMENTAL, INC

(BAAQMD ST-23, CARB/EPA Method 4) Moisture Sampling Data Sheet

Facility: OX MPT AMERICA Meter #: CM-290-7 Pts: 20.16  
 Location: Top Floor A-9 Yd: 0.965745 % O<sub>2</sub>: —  
 Date: 7-20-23 Pyrometer #: CM-290-7 % CO<sub>2</sub>: —  
 Personnel: SJE % H<sub>2</sub>O: —

Point	Time	Meter Vol. Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter	Imp.		
6	15:20	633.000	78	32	3	1.8
5	5	636.65	77	36	3	1.8
4	10	646.27	77	37	3	1.8
3	15	644.000	79	38	3	1.8
2	20	647.46	77	38	3	1.8
1	25	651.1	77	39	3	1.8
E	30	654.459	—	—	—	—

TOTAL/AVG 830.5 77.2  
21.459

Initial Leak Check 0.002 CFM 14 %  
Final Leak Check 0.001 CFM 7 %

	Initial	Final	Net	
Impinger #1	646.6	711.6	65	65.0
Impinger #2	660.0	662.0	2	2.0
Impinger #3	552.0	553.5	1.5	1.5
Silica Gel	830.5	837.7	7.2	8.8
Total Net			77.3	
% Moisture			15.1	

Point	Time	Meter Vol. Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter	Imp.		
6	14:18	656.000	77	36	4	1.8
5	5	659.52	77	38	4	1.8
4	10	665.11	77	39	4	1.8
3	15	666.61	78	39	4	1.8
2	20	670.15	78	39	4	1.8
1	25	673.78	78	40	4	1.8
E	30	677.200	—	—	—	—

TOTAL/AVG 21.200 77.5

Initial Leak Check 0.001 CFM 11 %  
Final Leak Check 0.001 CFM 8 %

	Initial	Final	Net	
Impinger #1	711.6	771.6	60	80.0
Impinger #2	662.0	667.0	5	7.0
Impinger #3	553.5	553.5	0	-0.5
Silica Gel	851.3	858.8	7.5	9.5
Total Net			72.5	
% Moisture			18.3	

Point	Time	Meter Vol. Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter	Imp.		
6	15:17	678.010	78	37	4	1.8
5	5	682.5	78	38	4	1.8
4	10	685.3	78	39	4	1.8
3	15	689.00	78	40	4	1.8
2	20	692.16	78	40	4	1.8
1	25	696.2	79	41	4	1.8
E	30	699.915	—	—	—	—

TOTAL/AVG 21.905 78.2

Initial Leak Check 0.002 CFM 12 %  
Final Leak Check 0.002 CFM 9 %

	Initial	Final	Net	
Impinger #1	791.6	862.6	71	71.0
Impinger #2	667.0	670.0	3	3.0
Impinger #3	553.0	552.5	-0.5	-0.5
Silica Gel	848.8	856.8	8	8.0
Total Net			81.5	
% Moisture			15.5	

Comments:

Field Balance Calibration Check (500g ± 0.5g) 500.0

$Vm\ std = Vm * Yd * (Tstd + 460) / (Pb + (\Delta H / 13.6))$  (Tm 460) 29.92  
 $Stack\ Moisture\ H_2O\ % = 100 * Vw\ std / (Vw\ std + Vm\ std)$

**Ox Mountain Landfill  
Half-Moon Bay, CA  
A-7**

Date	Time	CH02 1 SCFM		CH05 1 Deg. F	
		MIN	MAX	MIN	MAX
<b>Flare A-7 Run #1</b>					
2023/07/21	08:16:00	1,368	1,410	1,586	1,601
2023/07/21	08:18:00	1,370	1,401	1,591	1,606
2023/07/21	08:20:00	1,358	1,395	1,601	1,617
2023/07/21	08:22:00	1,361	1,396	1,613	1,620
2023/07/21	08:24:00	1,355	1,393	1,612	1,634
2023/07/21	08:26:00	1,355	1,390	1,625	1,634
2023/07/21	08:28:00	1,353	1,390	1,624	1,627
2023/07/21	08:30:00	1,360	1,392	1,620	1,625
2023/07/21	08:32:00	1,363	1,400	1,614	1,627
2023/07/21	08:34:00	1,367	1,411	1,605	1,617
2023/07/21	08:36:00	1,357	1,407	1,599	1,608
2023/07/21	08:38:00	1,361	1,403	1,607	1,650
2023/07/21	08:40:00	1,358	1,400	1,607	1,650
2023/07/21	08:42:00	1,334	1,383	1,592	1,607
2023/07/21	08:44:00	1,313	1,374	1,596	1,600
2023/07/21	08:46:00	1,328	1,367	1,596	1,609
2023/07/21	08:48:00	1,309	1,364	1,601	1,617
2023/07/21	08:50:00	1,300	1,361	1,614	1,634
2023/07/21	08:52:00	1,306	1,351	1,622	1,628
2023/07/21	08:54:00	1,323	1,370	1,623	1,632
<b>Average</b>		<b>1,366</b>		<b>1,615</b>	
<b>Flare A-7 Run #2</b>					
2023/07/21	09:16:00	1,316	1,370	1,603	1,623
2023/07/21	09:18:00	1,325	1,370	1,613	1,620
2023/07/21	09:20:00	1,310	1,363	1,609	1,620
2023/07/21	09:22:00	1,304	1,361	1,604	1,612
2023/07/21	09:24:00	1,288	1,354	1,588	1,604
2023/07/21	09:26:00	1,295	1,345	1,594	1,630
2023/07/21	09:28:00	1,310	1,351	1,601	1,628
2023/07/21	09:30:00	1,319	1,358	1,601	1,622
2023/07/21	09:32:00	1,324	1,365	1,622	1,636
2023/07/21	09:34:00	1,321	1,369	1,631	1,639
2023/07/21	09:36:00	1,313	1,372	1,625	1,644
2023/07/21	09:38:00	1,339	1,372	1,613	1,625
2023/07/21	09:40:00	1,337	1,377	1,613	1,639
2023/07/21	09:42:00	1,325	1,368	1,604	1,627
2023/07/21	09:44:00	1,325	1,367	1,595	1,604
2023/07/21	09:46:00	1,307	1,361	1,593	1,607
2023/07/21	09:48:00	1,305	1,358	1,591	1,608
2023/07/21	09:50:00	1,306	1,349	1,604	1,609
2023/07/21	09:52:00	1,301	1,351	1,609	1,638
2023/07/21	09:54:00	1,313	1,360	1,628	1,651
<b>Average</b>		<b>1,338</b>		<b>1,616</b>	
<b>Flare A-7 Run #3</b>					
2023/07/21	10:12:00	1,314	1,363	1,623	1,628
2023/07/21	10:14:00	1,317	1,369	1,621	1,634
2023/07/21	10:16:00	1,317	1,370	1,599	1,627
2023/07/21	10:18:00	1,323	1,360	1,580	1,607
2023/07/21	10:20:00	1,325	1,358	1,586	1,604
2023/07/21	10:22:00	1,296	1,353	1,604	1,627
2023/07/21	10:24:00	1,307	1,354	1,617	1,639
2023/07/21	10:26:00	1,317	1,370	1,626	1,640
2023/07/21	10:28:00	1,335	1,372	1,625	1,642
2023/07/21	10:30:00	1,333	1,373	1,610	1,632
2023/07/21	10:32:00	1,336	1,376	1,609	1,620
2023/07/21	10:34:00	1,346	1,383	1,605	1,622
2023/07/21	10:36:00	1,355	1,392	1,617	1,629
2023/07/21	10:38:00	1,347	1,387	1,629	1,636
2023/07/21	10:40:00	1,355	1,384	1,613	1,634
2023/07/21	10:42:00	1,336	1,376	1,593	1,614
2023/07/21	10:44:00	1,332	1,378	1,591	1,620
2023/07/21	10:46:00	1,333	1,370	1,620	1,637
2023/07/21	10:48:00	1,323	1,368	1,624	1,636
2023/07/21	10:50:00	1,324	1,358	1,587	1,629
<b>Average</b>		<b>1,350</b>		<b>1,618</b>	



**Ox Mountain Landfill  
Half-Moon Bay, CA  
A-9**

Date	Time	CH02 1 SCFM		CH05 1 Deg. F	
		MIN	MAX	MIN	MAX
<b>Flare A-9 Run #1</b>					
2023/07/20	13:20:00	974	1,023	1,550	1,555
2023/07/20	13:22:00	969	1,025	1,549	1,553
2023/07/20	13:24:00	981	1,022	1,550	1,553
2023/07/20	13:26:00	966	1,023	1,542	1,553
2023/07/20	13:28:00	969	1,025	1,542	1,546
2023/07/20	13:30:00	964	1,024	1,541	1,543
2023/07/20	13:32:00	957	1,020	1,530	1,542
2023/07/20	13:34:00	950	1,010	1,529	1,556
2023/07/20	13:36:00	969	1,016	1,550	1,556
2023/07/20	13:38:00	959	1,021	1,547	1,554
2023/07/20	13:40:00	959	1,023	1,541	1,547
2023/07/20	13:42:00	970	1,023	1,541	1,543
2023/07/20	13:44:00	970	1,032	1,537	1,542
2023/07/20	13:46:00	980	1,040	1,536	1,561
2023/07/20	13:48:00	981	1,031	1,555	1,558
2023/07/20	13:50:00	979	1,039	1,552	1,556
2023/07/20	13:52:00	976	1,024	1,534	1,553
2023/07/20	13:54:00	968	1,022	1,531	1,541
2023/07/20	13:56:00	958	1,016	1,531	1,546
2023/07/20	13:58:00	953	1,023	1,537	1,550
<b>Average</b>		<b>996</b>		<b>1,546</b>	
<b>Flare A-9 Run #2</b>					
2023/07/20	14:18:00	950	1,011	1,558	1,567
2023/07/20	14:20:00	949	1,004	1,547	1,561
2023/07/20	14:22:00	954	1,006	1,546	1,549
2023/07/20	14:24:00	957	1,005	1,549	1,555
2023/07/20	14:26:00	966	1,024	1,550	1,557
2023/07/20	14:28:00	958	1,019	1,550	1,553
2023/07/20	14:30:00	968	1,025	1,548	1,552
2023/07/20	14:32:00	973	1,019	1,550	1,564
2023/07/20	14:34:00	973	1,026	1,550	1,561
2023/07/20	14:36:00	961	1,014	1,550	1,553
2023/07/20	14:38:00	955	1,010	1,546	1,551
2023/07/20	14:40:00	957	1,008	1,543	1,550
2023/07/20	14:42:00	954	1,006	1,545	1,555
2023/07/20	14:44:00	955	1,010	1,543	1,554
2023/07/20	14:46:00	967	1,022	1,541	1,546
2023/07/20	14:48:00	972	1,029	1,535	1,547
2023/07/20	14:50:00	981	1,034	1,547	1,566
2023/07/20	14:52:00	977	1,031	1,561	1,569
2023/07/20	14:54:00	976	1,027	1,554	1,561
<b>Average</b>		<b>990</b>		<b>1,552</b>	
<b>Flare A-9 Run #3</b>					
2023/07/20	15:16:00	962	1,004	1,530	1,540
2023/07/20	15:18:00	947	1,010	1,524	1,535
2023/07/20	15:20:00	965	1,005	1,535	1,557
2023/07/20	15:22:00	965	1,019	1,555	1,565
2023/07/20	15:24:00	983	1,034	1,561	1,567
2023/07/20	15:26:00	981	1,035	1,558	1,561
2023/07/20	15:28:00	985	1,038	1,557	1,563
2023/07/20	15:30:00	976	1,036	1,553	1,557
2023/07/20	15:32:00	968	1,031	1,549	1,553
2023/07/20	15:34:00	963	1,014	1,539	1,549
2023/07/20	15:36:00	962	1,018	1,539	1,545
2023/07/20	15:38:00	970	1,020	1,541	1,549
2023/07/20	15:40:00	959	1,015	1,544	1,549
2023/07/20	15:42:00	962	1,010	1,539	1,554
2023/07/20	15:44:00	973	1,026	1,554	1,567
2023/07/20	15:46:00	983	1,034	1,562	1,565
2023/07/20	15:48:00	987	1,039	1,555	1,565
2023/07/20	15:50:00	974	1,026	1,539	1,555
2023/07/20	15:52:00	968	1,033	1,537	1,557
<b>Average</b>		<b>997</b>		<b>1,551</b>	



WestAir Gases & Equipment, Inc.  
 3001 E. Miraloma Avenue  
 Anaheim, CA 92806  
 Telephone: (714) 860-4830  
 ISO 17025:2017 Accredited Company  
 EPA PGVP ID# W12023

# EPA PROTOCOL

## CERTIFICATE OF ANALYSIS

**CUSTOMER NAME:** Blue Sky  
**ADDRESS:** 2312 American Ave  
 Hayward, CA 94545

**DATE ISSUED:** 2/28/2023  
**ORDER NUMBER:** 2148525  
**CYLINDER SIZE:** DA  
**VALVE CONNECTION:** CGA 590  
**VOLUME:** 140 scf  
**LOT NUMBER:** 00021623C50  
**FILL PRESSURE :** 2000 psig at 70° F.  
**PART NUMBER:** NI 15E11-DA  
**BARCODE:** WGE000176141

**PURCHASE ORDER #:**  
**CERTIFIED DATE:** 2/27/2023  
**EXPIRATION DATE:** 2/28/2031  
**SHELF LIFE (YEARS):** 8

ANALYSIS RESULTS					
ANALYZED CYLINDER SERIAL NUMBER	COMPONENT	REQUESTED CONCENTRATION	CERTIFIED CONCENTRATION	EXPANDED UNCERTAINTY	ASSAY DATES
CC762828	Carbon Dioxide	9.5 %	9.61 %	±0.08 % Abs.	02/28/2023
	Oxygen	10.5 %	10.44 %	±0.08 % Abs.	02/27/2023
	Nitrogen	BALANCE	BALANCE	—	—

**Method:** This standard was analyzed according to EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards, EPA 600/R-12/531, May 2012, Procedure G1.

**DO NOT USE THIS STANDARD WHEN CYLINDER PRESSURE IS BELOW 100 PSIG.**

**REFERENCE STANDARDS**

TYPE / SRM, GMIS, PRM	STANDARD	SERIAL NO.	CONCENTRATION	LOT NO.	EXPIRATION
GMIS	Carbon Dioxide	CC720705	10.01 % ±0.07 % Abs.	00050319B50	12/24/2030
GMIS	Oxygen	CC720741	20.99 % ±0.05 % Abs.	00050719C50	11/20/2030
<b>GMIS TRACEABLE TO:</b>					
PRM	Carbon Dioxide	D791384	18.023 % ±0.018 % Abs.	C1688310.04	5/29/2024
SRM 2659a	Oxygen	FF60997	20.753 % ±0.021 % Abs.	71-F-38	2/27/2026

**INSTRUMENTATION INFORMATION**

INSTRUMENT / MODEL	SERIAL NUMBER	CALIBRATION DATE	ANALYTICAL PRINCIPLE
Horiba VA-5001	ECLG4BAU	2/7/2023	NDIR
Horiba VA-5006	NU3PUVL2	2/27/2023	Paramagnetic

**PRINCIPAL ANALYST:** Miguel Calvillo

*(Handwritten Signature)*

2/28/2023

**SIGNATURE**

**DATE**

*The product furnished under the stated reference lot number has been tested and found to contain the component concentrations listed above. All values are reported in mol/mol basis gas phase. WestAir Gases & Equipment, Inc. warrants that the above product conforms, at the time of shipment, to the above description. WestAir Gases & Equipment, Inc. liability does not exceed the value of the product purchased. Specifications are reviewed annually and are subject to change without notice. This certificate of analysis applies only to the item described and shall not be reproduced, other than in full, without written approval from WestAir Gases & Equipment, Inc. Please do not use cylinder below 100 psig. Note: ppm = µmol/mol.*



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 3001 E. Miraloma Avenue  
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 Telephone: (714) 860-4830  
 ISO 17025:2017 Accredited Company  
 EPA PGVP ID# W12022

# EPA PROTOCOL

## CERTIFICATE OF ANALYSIS

**CUSTOMER NAME:** Blue Sky Environmental  
**ADDRESS:** 2312 American Ave  
 Hayward, CA 94545

**DATE ISSUED:** 12/14/2022  
**ORDER NUMBER:** 2100352  
**CYLINDER SIZE:** DA  
**VALVE CONNECTION:** CGA 590  
**VOLUME:** 140 scf  
**LOT NUMBER:** 00120622C50  
**FILL PRESSURE :** 2000 psig at 70° F.  
**PART NUMBER:** NI 15E10-DA  
**BARCODE:** WGE000112480

**PURCHASE ORDER #:**  
**CERTIFIED DATE:** 12/12/2022  
**EXPIRATION DATE:** 12/13/2030  
**SHELF LIFE (YEARS):** 8

ANALYSIS RESULTS					
ANALYZED CYLINDER SERIAL NUMBER	COMPONENT	REQUESTED CONCENTRATION	CERTIFIED CONCENTRATION	EXPANDED UNCERTAINTY	ASSAY DATES
EB0127497	Carbon Dioxide	18.5 %	18.24 %	±0.12 % Abs.	12/12/2022
	Oxygen	20.5 %	20.59 %	±0.07 % Abs.	12/12/2022
	Nitrogen	BALANCE	BALANCE	—	—

**Method:** This standard was analyzed according to EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards, EPA 600/R-12/531, May 2012, Procedure G1.

DO NOT USE THIS STANDARD WHEN CYLINDER PRESSURE IS BELOW 100 PSIG.

**REFERENCE STANDARDS**

TYPE / SRM, GMIS, PRM	STANDARD	SERIAL NO.	CONCENTRATION	LOT NO.	EXPIRATION
GMIS	Carbon Dioxide	CC720807	18.08 % ±0.08 % Abs.	00050319C50	12/2/2030
GMIS	Oxygen	CC720741	20.99 % ±0.05 % Abs.	00050719C50	11/20/2030
<b>GMIS TRACEABLE TO:</b>					
PRM	Carbon Dioxide	D791384	18.023 % ±0.018 % Abs.	C1688310.04	5/29/2024
SRM 2659a	Oxygen	FF60997	20.753 % ±0.021 % Abs.	71-F-38	2/27/2026

**INSTRUMENTATION INFORMATION**

INSTRUMENT / MODEL	SERIAL NUMBER	CALIBRATION DATE	ANALYTICAL PRINCIPLE
Horiba VA-5001	ECLG4BAU	12/12/2022	NDIR
Horiba VA-5006	NU3PUVL2	11/22/2022	Paramagnetic

PRINCIPAL ANALYST:

Eliza Gomez

SIGNATURE

DATE

12/14/22

The product furnished under the stated reference lot number has been tested and found to contain the component concentrations listed above. All values are reported in mol/mol basis gas phase. WestAir Gases & Equipment, Inc. warrants that the above product conforms, at the time of shipment, to the above description. WestAir Gases & Equipment, Inc. liability does not exceed the value of the product purchased. Specifications are reviewed annually and are subject to change without notice.

This certificate of analysis applies only to the item described and shall not be reproduced, other than in full, without written approval from WestAir Gases & Equipment, Inc. Please do not use cylinder below 100 psig. Note: ppm = μmol/mol.

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI99E15A1274	Reference Number: 153-402412587-1
Cylinder Number: CC743740	Cylinder Volume: 144.0 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72022	Valve Outlet: 660
Gas Code: CO,NO,NOX,BALN	Certification Date: Apr 27, 2022

**Expiration Date: Apr 27, 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. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. 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	12.87 PPM	G1	+/- 1.4% NIST Traceable	04/20/2022, 04/27/2022
CARBON MONOXIDE	12.50 PPM	12.44 PPM	G1	+/- 1.1% NIST Traceable	04/20/2022
NITRIC OXIDE	12.50 PPM	12.71 PPM	G1	+/- 1.4% NIST Traceable	04/20/2022, 04/27/2022
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)	Apr 19, 2022
Thermo 42i-LS 1123749327 NO	Chemiluminescence (Mason)	Apr 04, 2022
Thermo 42i-LS 1123749327 NOx	Chemiluminescence (Mason)	Apr 04, 2022

Triad Data Available Upon Request



Signature on file

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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI99E15AC356	Reference Number:	153-402647570-1
Cylinder Number:	EB0155892	Cylinder Volume:	144.0 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72023	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	Feb 06, 2023

**Expiration Date: Feb 06, 2026**

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. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. 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	23.06 PPM	G1	+/- 1.1% NIST Traceable	01/30/2023, 02/06/2023
CARBON MONOXIDE	22.50 PPM	22.42 PPM	G1	+/- 0.7% NIST Traceable	01/31/2023
NITRIC OXIDE	22.50 PPM	23.01 PPM	G1	+/- 1.1% NIST Traceable	01/30/2023, 02/06/2023
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12011221	KAL004127	49.24 PPM CARBON MONOXIDE/NITROGEN	0.6%	Aug 31, 2024
NTRM	12010507	KAL004854	20.00 PPM NITRIC OXIDE/NITROGEN	1.1%	Feb 13, 2024
NTRM	12010507	KAL004854-NOX	20.00 PPM NOX/NITROGEN	1.1%	Feb 13, 2024

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet iS50 AUP2110269 CO LCO	FTIR	Jan 17, 2023
Thermo 42i-LS 1123749327 NO	Chemiluminescence (Mason)	Jan 09, 2023
Thermo 42i-LS 1123749327 NOx	Chemiluminescence (Mason)	Jan 09, 2023

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI99E15A0259	Reference Number: 153-402660074-1
Cylinder Number: CC734187	Cylinder Volume: 144.3 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72023	Valve Outlet: 660
Gas Code: CO,NO,NOX,BALN	Certification Date: Feb 17, 2023

**Expiration Date: Feb 17, 2026**

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. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. 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	45.00 PPM	44.88 PPM	G1	+/- 1.4% NIST Traceable	02/10/2023, 02/17/2023
CARBON MONOXIDE	45.00 PPM	45.01 PPM	G1	+/- 0.7% NIST Traceable	02/10/2023
NITRIC OXIDE	45.00 PPM	44.79 PPM	G1	+/- 1.4% NIST Traceable	02/10/2023, 02/17/2023
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12011203	KAL003147	49.24 PPM CARBON MONOXIDE/NITROGEN	0.6%	Aug 31, 2024
PRM	12409	D913660	15.01 PPM NITROGEN DIOXIDE/AIR	1.5%	Feb 17, 2023
NTRM	21060713	CC708049	48.41 PPM NITRIC OXIDE/NITROGEN	1.2%	Sep 24, 2025
GMIS	1534012021103	ND73012	4.956 PPM NITROGEN DIOXIDE/NITROGEN	1.6%	Jun 15, 2025

The SRM, NTRM, 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	Feb 01, 2023
Nicolet iS50 AUP2010228 NO LNO	FTIR	Jan 25, 2023
Nicolet iS50 AUP2010228 NO2 impurity	FTIR NO2 impurity	Jan 25, 2023

Triad Data Available Upon Request



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI99E15A0457	Reference Number: 153-402195231-1
Cylinder Number: ALM013305	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: Aug 30, 2021

**Expiration Date: Aug 30, 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	86.14 PPM	G1	+/- 1.3% NIST Traceable	08/23/2021, 08/30/2021
CARBON MONOXIDE	85.00 PPM	85.62 PPM	G1	+/- 0.7% NIST Traceable	08/23/2021
NITRIC OXIDE	85.00 PPM	85.89 PPM	G1	+/- 1.1% NIST Traceable	08/23/2021, 08/30/2021
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	09010206	KAL004743	98.48 PPM CARBON MONOXIDE/NITROGEN	0.5%	Oct 16, 2024
PRM	12386	D685025	9.91 PPM NITROGEN DIOXIDE/AIR	2.0%	Feb 20, 2020
NTRM	20061044	CC733405	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 AUP2110269 CO LCO	FTIR	Aug 11, 2021
Nicolet iS50 AUP2110269 NO LNO	FTIR	Aug 25, 2021
Nicolet iS50 AUP2110269 NO2 impurity	FTIR NO2 impurity	Aug 26, 2021

**Triad Data Available Upon Request**



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# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number:	E03AI99E15A0082	Reference Number:	153-401926038-1
Cylinder Number:	CC34758	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	15.00 PPM	14.69 PPM x 3 = 44.07	G1	+/- 1.0% NIST Traceable	10/12/2020
METHANE	450.0 PPM	444.6 PPM	G1	+/- 0.9% NIST Traceable	10/12/2020
AIR	Balance				

### 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 STANDARD

Part Number:	E03AI99E15A0080	Reference Number:	153-402016119-1
Cylinder Number:	CC741885	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

**Expiration Date: Feb 02, 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. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. 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	4.949 PPM	G1	+/- 1.4% NIST Traceable	02/02/2021
METHANE	150.0 PPM	150.2 PPM	G1	+/- 0.8% 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 STANDARD

Part Number: E03AI99E15A0081	Reference Number: 153-402016140-1
Cylinder Number: EB0117673	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

**Expiration Date: Feb 02, 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. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. 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	8.453 PPM	G1	+/- 1.4% NIST Traceable	02/02/2021
METHANE	250.0 PPM	248.1 PPM	G1	+/- 0.8% 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	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	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:	E03NI99E15W0021	Reference Number:	54-401857825-1
Cylinder Number:	CC503108	Cylinder Volume:	144.4 Cubic Feet
Laboratory:	124 - Chicago (SAP) - IL	Cylinder Pressure:	2015 PSIG
PGVP Number:	B12020	Valve Outlet:	660
Gas Code:	NO2,O2,BALN	Certification Date:	Jul 24, 2020

**Expiration Date: Jul 24, 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	+/- 2.5% NIST Traceable	07/17/2020, 07/24/2020
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	Jul 10, 2020

Triad Data Available Upon Request



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## 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.

PERSONNEL: **TJE**  
 DATE: **6/26/23**  
 TIME: **13:00**  
 METER PART #: **CM-2010-7**

METER SERIAL #: **3477761**  
 CRITICAL ORIFICE SET SERIAL #: **1380S**

BAROMETRIC PRESSURE (in Hg):  
 INITIAL: **30.09**      FINAL: **30.05**      AVG (P<sub>bar</sub>): **30.07**

IF Y VARIATION EXCEEDS 2.00%,  
 ORIFICE SHOULD BE RECALIBRATED

ORIFICE #	RUN #	K' FACTOR (AVG)	TESTED VACUUM (in Hg)	DGM READINGS (FT <sup>3</sup> )			NET (V <sub>m</sub> )	TEMPERATURES °F			ELAPSED TIME (MIN) θ	DGM ΔH (in H <sub>2</sub> O)	(1) V <sub>m</sub> (STD)	(2) V <sub>cr</sub> (STD)	(3) Y	Y VARIATION (%)	ΔH <sub>@</sub>			
				DGM READINGS (FT <sup>3</sup> )		DGM AVG		AMBIENT	DGM INLET											
				INITIAL	FINAL				INITIAL	FINAL										
16	1	0.4258	25	405.60	411.356	5.756	74	74	74	74.0	10.00	0.95	5.7342	5.5424	0.9665	1.7330				
	2	0.4258	25	411.356	417.127	5.771	74	74	74	74.0	10.00	0.95	5.7491	5.5424	0.9640	1.7330				
	3	0.4258	25	417.127	425.493	8.366	74	74	74	74.0	14.50	0.95	8.3343	8.0364	0.9643	1.7330				
															AVG =	0.9649	0.05			
22	1	0.5856	23	425.493	431.812	6.319	74	74	74	74.0	8.00	2.00	6.3112	6.0979	0.9662	1.9339				
	2	0.5856	23	431.812	438.919	7.107	74	74	74	74.0	9.00	2.00	7.0982	6.8601	0.9665	1.9339				
	3	0.5856	23	438.919	445.268	6.349	74	74	74	74.0	8.00	2.00	6.3411	6.0979	0.9616	1.9339				
															AVG =	0.9648	0.03			
25	1	0.6767	21	445.268	452.122	6.854	74	74	74	74.0	7.50	2.50	6.8538	6.6061	0.9639	1.8125				
	2	0.6767	21	452.122	458.517	6.395	72	73	73	73.0	7.00	2.50	6.4069	6.1773	0.9642	1.8091				
4	3	0.6767	21	458.517	464.925	6.408	72	74	73	73.5	7.00	2.50	6.4139	6.1773	0.9631	1.8074				
															AVG =	0.9637	-0.08			

**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.

**AVERAGE DRY GAS METER CALIBRATION FACTOR, Y =** **0.9645**

**PREVIOUS AVERAGE DRY GAS METER CALIBRATION FACTOR, Y =** **0.9731**      **0.89**      **PASS**  
**AVERAGE ΔH<sub>@</sub> =** **1.8255**

(1)  $V_{m(std)} = K_1 * V_m * \frac{Pbar + (\Delta H / 13.6)}{T_m}$       = 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)  $V_{cr(std)} = K' * \frac{Pbar * \Theta}{\sqrt{T_{amb}}}$       = 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)  $Y = \frac{V_{cr(std)}}{V_{m(std)}}$       = DGM calibration factor

$$\Delta H_{@} = \left( \frac{0.75 \theta}{V_{cr(std)}} \right)^2 \Delta H \left( \frac{V_{m(std)}}{V_m} \right)$$

**BLUE SKY ENVIRONMENTAL, INC**

**Thermometer/Thermocouple Calibration**

Item **CM-2010-7 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 62  
 Boiling Water 212

CALIBRATION DATE	T/C IDENTIFICATION	REFERENCE READING	DEVICE READING	°F DIFFERENCE <400°F	% DIFFERENCE >400°F	CALIBRATED BY
6/20/2023	STACK	32	33	-1		TJ E
		212	213	-1		
		932	932	0	0.00	
		1832	1832	0	0.00	
6/20/2023	PROBE	32	33	-1		TJ E
		212	213	-1		
		932	933	-1	-0.11	
		1832	1832	0	0.00	
6/20/2023	FILTER	32	34	-2		TJ E
		212	213	-1		
		932	933	-1	-0.11	
		1832	1833	-1	-0.05	
6/20/2023	DRYER	32	33	-1		TJ E
		212	212	0		
		932	932	0	0.00	
		1832	1832	0	0.00	
6/20/2023	AUX	32	33	-1		TJ E
		212	213	-1		
		932	932	0	0.00	
		1832	1832	0	0.00	
6/20/2023	TC OUT	Ice Water 32	32			TJ E
		Ambient 63	63			
		Boiling Water 212	213			

40CFR60, Appendix, Method 2

Tolerance Limits: +/- 4 °F for <400°F

Tolerance Limits: +/- 1.5% for >400°F

Calibration Frequency: 6 mo.

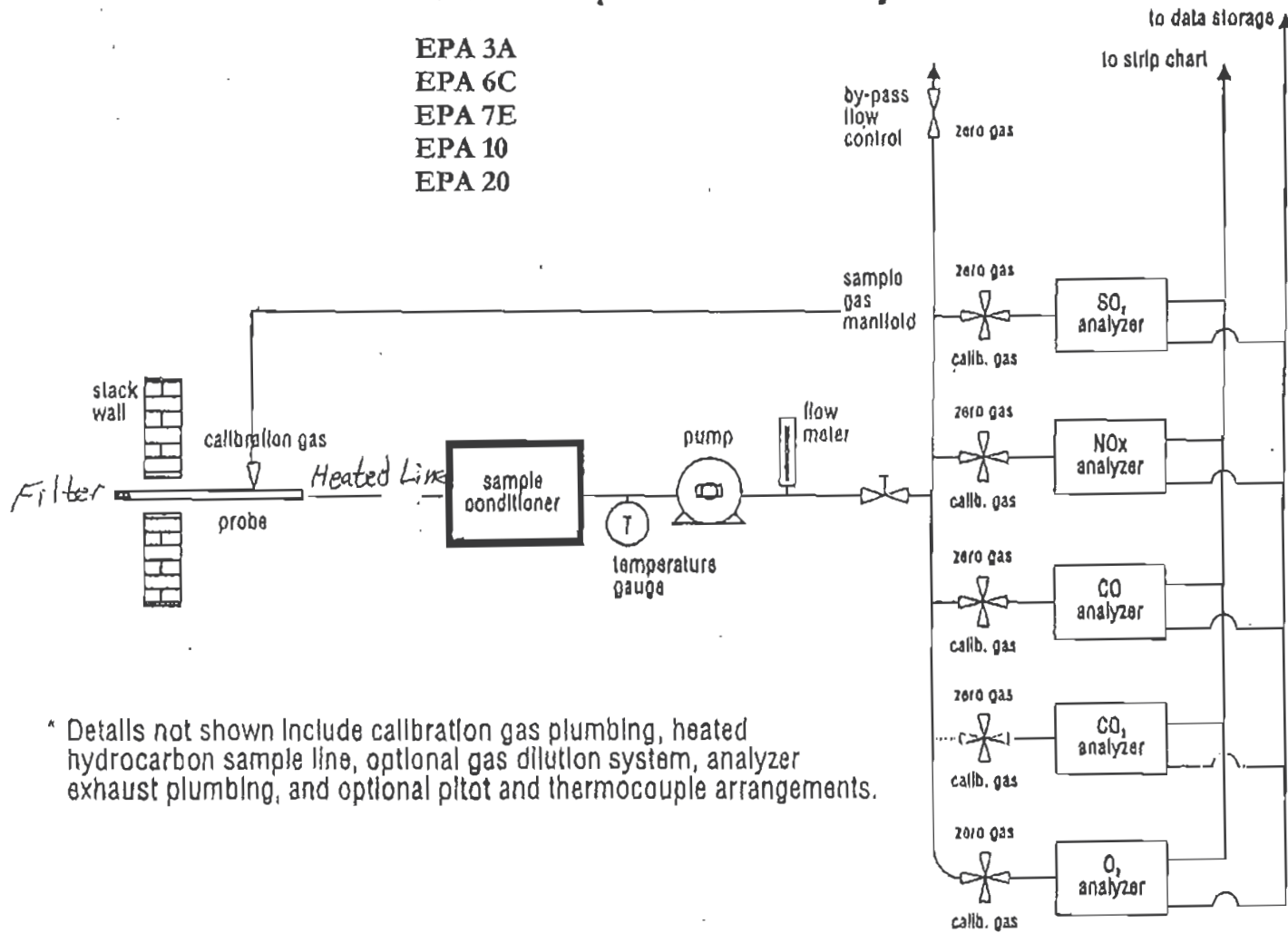


BFI Ox Mtn Flare A-7



Ox Mtn Flare A-9

## Method 100 Sample Train Assembly







**Blue Sky Environmental, Inc**

**2273 Lobert Street**

**Castro Valley, California 94546**

Office (510) 525-1261

Mobile (810) 923-3181

bluesky@blueskyenvironmental.com

July 5, 2023

Attn.: Gloria Espena/Marco Hernandez  
Bay Area Air Quality Management District  
Technical Services Division, Source Test Section  
375 Beale St #600  
San Francisco, CA 94105

Source Test Plan  
Plant # 2266 Condition 10164  
Sources A-7 & A-9  
Test Dates: July 20 & 21, 2022

Re: Source Test Plan (STP) for compliance emissions testing of the gas flares (A-7 and A-9) at Ox Mountain (Los Trancos Canyon Landfill), located at 12310 San Mateo Drive, Half-Moon Bay, California.

BAAQMD Source	Test Parameters/Limits
Flare (A-7 & 9) Compliance Tests	Exhaust, THC, CH <sub>4</sub> , NMOC, NO <sub>x</sub> , CO, CO <sub>2</sub> , O <sub>2</sub> ≤39 ppmvd NO <sub>x</sub> @ 3% O <sub>2</sub> or <0.052 lb/MMBtu NO <sub>x</sub> (Part 29)
Condition 10164 & Reg 8 Rule 34	≤184 ppm CO @ 3% O <sub>2</sub> and <0.15 lb/MMBtu CO (Part 30) ≤30 ppmvd NMOC as Methane @ 3% O <sub>2</sub> (Reg. 8 Rule 34) >98 % NMOC Destruction (Reg. 8 Rule 34) >99% CH <sub>4</sub> Destruction (Reg. 8 Rule 34) LFG- NMOC, CH <sub>4</sub> , Fixed Gases, VOC species & TRS as H <sub>2</sub> S (Part 32)

Blue Sky Environmental is pleased to present this Source Test Plan for the above referenced sampling project. Testing will include the following:

1. At each flare exhaust, triplicate 30+-minute tests will be performed to determine compliance with the BAAQMD Permit and Reg 8 Rule 34 conditions listed in the Table above, and according to 40 CFR 60.8 and 60.752(b)(2)(iii)(B) using methods identified in 40 CFR 60.754(d).
2. Testing will use EPA methods to measure NO<sub>x</sub> (EPA 7E), CO (EPA 10), TNMHC (NMOC, POC) by (ALT 097 with at least 30 readings per test) or (EPA 25A, with or without M18 for Methane & Ethane), CO<sub>2</sub> (EPA 3A) and O<sub>2</sub> (EPA 3A). Tests will be 30+ minutes in duration. If the THC reading is above the detection limit (~2% of scale, or above 20% of the NMOC Permit Limit adjusted to 3% O<sub>2</sub>) Methane may be determined by EPA Method 18 analysis from integrated Tedlar bag samples collected from the THC analyzer bypass.
3. Moisture will be determined by EPA Method 4. These will used to correct wet THC to dry THC.

4. Integrated samples of the Landfill Gas (LFG) will be collected during each test run, and will be analyzed for %CH<sub>4</sub>, %CO<sub>2</sub>, %N<sub>2</sub>, %O<sub>2</sub>, BTU and F-factor by ASTM D-1945 and D-3588, and by ASTM-D5504 or Modified EPA 15 for Sulfur Species. Samples collected in Tedlar bags will be analyzed within 24 hours. Samples collected in SILCO SUMMA canisters will be analyzed within 7 days.
5. The landfill gas analysis will be used to determine CH<sub>4</sub>, THC and NMOC Destruction/Removal Efficiency (DRE)
6. During each run an integrated SILCO SUMMA sample of the LFG will be collected and analyzed by EPA 25C for non-methane hydrocarbons and for Organics (Toxic Air Contaminants) by TO-15 as listed in the Permit.
7. Emission Flowrates will be determined by EPA Method 19 calculation and measurement using the Facility fuel flow data, fuel analysis and exhaust oxygen content. In order to get an accurate exhaust flow by Method 19 calculations the accuracy of the fuel meter is a requirement. The BAAQMD is requesting current fuel flow meter calibrations to be included in the source test report.
8. Facility Fuel Flow and Flare temperature records will be provided by the facility and documented in the report. Current fuel meter calibration records will be provided by the facility.
9. The status of each flare will be determined on-site and conveyed to TetraTech or Republic personnel engaged in the project the same day.
10. A digital copy (pdf) of the compliance test report will be submitted to the client within four weeks of completion of the test program and due to the BAAQMD within 45 days of test completion. The report will include a test description and tables presenting concentrations (ppm), emission rates (lbs/hr) for all sampling parameters. All supporting documents (e.g., strip charts, process data, field data sheets, calibrations, calculations, etc.) will also be included.

The facility contact is Ben Wade who may be reached at (650) 713-3632. If you have any questions, please contact Anne Richardson at (810) 923-1198, Jessica Morris at (510) 566-3271 or Jeramie Richardson (810) 923-3181.

## 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-23	2,276.60	<b>6,058.3</b>
May-23		
June-23		
July-23		
August-23		
September-23		
October-23	3,362.20	<b>5,638.8</b>
November-23		
December-23		
January-24		
February-24		
March-24		

**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>23339</u> Test Date: <u>10-13-23</u>  Test Times: Run A: <u>1054-1059</u> Run B: <u>—</u> Run C: <u>—</u>
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Source Information		Facility Parameters	
GDF Name and Address <u>REPUBLIC SERVICES OX MTN</u> <u>12210 SAN MATEO RD</u> <u>HALF MOON BAY</u> <u>CA</u>	GDF Representative and Title <u>KELLY McDONNELL</u> <u>ENVIRONMENTAL MGR</u> GDF Phone No. <u>(650) 713-3632</u>  Source: GDF Vapor Recovery System BAAQMD GDF # <u>2266</u> BAAQMD A/C # <u>5229</u>	Compartment Size, Gallons  COMPARTMENT #1 <u>1000</u> COMPARTMENT #2 <u>—</u> COMPARTMENT #3 <u>—</u>  Manifolder? Y or <u>(N)</u>	
Permit Conditions <u>ST-38</u>			
Operating Parameters:  Make and Model of Tank <u>CONVAULT</u> Phase II System Type <u>FILLRATE</u> Number of Gasoline Nozzles <u>1</u> Make and Model of P/V Valve <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(1033)</u>			
3. Gasoline Volume, Gallons <u>22 x 28.7 GAL/IN</u>	<u>631</u>			
4. Ullage, gallons (#2 -#3)	<u>369</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>1.8</u>			
8. Pressure After 2 Minutes, Inches H <sub>2</sub> O	<u>1.6</u>			
9. Pressure After 3 Minutes, Inches H <sub>2</sub> O	<u>1.4</u>			
10. Pressure After 4 Minutes, Inches H <sub>2</sub> O	<u>1.2</u>			
11. Final Pressure After 5 Minutes, Inches H <sub>2</sub> O	<u>0.95</u>			
12. Allowable Final Pressure from Table 38-I	<u>0.30</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>2273 LOBERT ST</u> City <u>CASTRO VALLEY CA 94546</u>	Date and Time of Test: <u>1054-1059</u> <u>10-13-23</u>
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## APPENDIX P

### MONTHLY TOTAL REDUCED SULFUR (TRS) CONCENTRATIONS

**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 Flow Average for A-7 Flare (ppmv)	Consecutive 12-Month Flow Average for A-8 Flare (ppmv)	Consecutive 12-Month Flow Average for A-9 Flare (ppmv)	Combined A-7, A-8 and A-9 Flares Corrected 12-Month Average (ppmv) <sup>1</sup>
April-23	84.0	0.0	147.0	103.3	NA	138.3	120.8
May-23	105.0	0.0	84.0	102.4	NA	131.7	117.0
June-23	115.5	0.0	115.5	101.5	NA	128.6	115.1
July-23	126.0	0.0	126.0	103.3	NA	126.9	115.1
August-23	126.0	0.0	136.5	105.0	NA	127.8	116.4
September-23	126.0	0.0	115.5	109.4	NA	125.1	117.3
October-23	126.0	0.0	105.0	114.6	NA	125.1	119.9
November-23	136.5	0.0	126.0	117.3	NA	123.4	120.3
December-23	147.0	0.0	131.3	120.8	NA	122.9	121.8
January-24	147.0	0.0	147.0	122.5	NA	124.7	123.6
February-24	157.5	0.0	157.5	105.0	NA	127.8	116.4
March-24	105.0	0.0	115.5	125.1	NA	125.6	125.3

**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

**October 1, 2023 through March 31, 2024 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-23	120	NA	NA	NA	NA	NA	NA	126.0	NA
November-23	130	NA	NA	NA	NA	NA	NA	136.5	NA
December-23	140	NA	NA	NA	NA	NA	NA	147.0	NA
January-24	140	NA	NA	NA	NA	NA	NA	147.0	NA
February-24	150	NA	NA	NA	NA	NA	NA	157.5	NA
March-24	100	NA	NA	NA	NA	NA	NA	105.0	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



**October 1, 2023 through March 31, 2024 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-23	0.0	NA	NA	NA	NA	NA	NA	0.0	NA
November-23	0.0	NA	NA	NA	NA	NA	NA	0.0	NA
December-23	0.0	NA	NA	NA	NA	NA	NA	0.0	NA
January-24	0.0	NA	NA	NA	NA	NA	NA	0.0	NA
February-24	0.0	NA	NA	NA	NA	NA	NA	0.0	NA
March-24	0.0	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

**October 1, 2023 through March 31, 2024 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-23	100	NA	NA	NA	NA	NA	NA	105.0	NA
November-23	120	NA	NA	NA	NA	NA	NA	126.0	NA
December-23	125	NA	NA	NA	NA	NA	NA	131.3	NA
January-24	140	NA	NA	NA	NA	NA	NA	147.0	NA
February-24	150	NA	NA	NA	NA	NA	NA	157.5	NA
March-24	110	NA	NA	NA	NA	NA	NA	115.5	NA

**NOTES:**

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

## 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)	Waste-In-Place (WIP) <sup>3</sup> (Tons) MINUS FIRE DEBRIS	Comments	Days per Month	Ave. Daily tons (6 days a week)
April-22	45,177.8	0.0	0.0	27,955,009	27,913,560	WIP for the Semi-Annual Period of: April 1, 2022 through September 30, 2022.	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				27.00	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	28,187,401	28,145,952	WIP for Semi-Annual Period of: October 1, 2022 through March 31, 2023.	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				24.00	1439.43
March-23	43,315.8	0.0	0.0				27.00	1604.29
April-23	39,342.0	0.0	0.0	28,429,565	28,388,116	WIP for Semi-Annual Period of: April 1, 2023 through September 30, 2023.	26.00	1513.15
May-23	39,706.0	0.0	0.0				26.00	1527.15
June-23	41,683.0	0.0	0.0				27.00	1543.81
July-23	38,686.0	0.0	0.0				26.00	1487.92
August-23	43,597.0	0.0	0.0				24.00	1816.54
September-23	39,150.0	0.0	0.0				27.00	1450.00
October-23	52,498.6	0.0	0.0	28,682,453	28,641,004	WIP for Semi-Annual Period of: October 1, 2023 through March 31, 2024.	26.00	2019.18
November-23	43,918.6	0.0	0.0				26.00	1689.18
December-23	42,464.4	0.0	0.0				27.00	1572.76
January-24	42,356.1	0.0	0.0				26.00	1629.08
February-24	39,716.3	0.0	0.0				24.00	1654.85
March-24	31,934.2	0.0	0.0				27.00	1182.75
<b>Total Waste-in-Place October 2023 through March 2024</b>	<b>252,888.2</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.