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April 30, 2020

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

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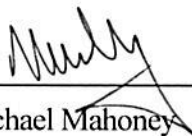
SUBJECT: Combined Title V Semi-Annual and Partial 8-34 Annual Report  
40 CFR 63 Subpart AAAA Semi-Annual Report Browning-  
Ferris Industries of CA, Inc.  
12310 San Mateo Road  
Half Moon Bay, California 94019  
Facility Number A2266

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, 2019 through March 31, 2020 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.

  
\_\_\_\_\_  
Michael Mahoney  
Responsible Official

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

Ox Mountain Landfill

Facility Number A2266

October 1, 2019 through March 31, 2020

April 30, 2020

## PRESENTED TO

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

12310 San Mateo Road  
Half Moon Bay, CA 94019

## PRESENTED BY

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

Prepared by:



4/30/2020

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Date

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4/30/2020

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Date

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## 1.0 INTRODUCTION

### 1.1 PURPOSE

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This document is a Combined Semi-Annual Title V and Partial 8-34 Annual Report (Semi-Annual Report [SAR]) for Browning-Ferries Industries of California, Inc. (BFI) Ox Mountain Sanitary Landfill (Ox Mountain) pursuant to Title V Permit Standard Condition 1.F and Condition Number 10164 Part 33. This 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. This Combined Report meets the requirements of Title V Standard Condition 1.F, BAAQMD Rule 8-34-411 and 40 CFR §60.757(f) and covers compliance activities conducted from October 1, 2019 through March 31, 2020. 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 both BAAQMD 8-34-411 and 40 CFR §60.757(f). 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), and Title V Permit Condition Number 10164 Part 30. Section 4 of this Combined Report includes the Semi-Annual Report of the SSM Plan activities pursuant to the NESHAP, 40 CFR Part 63, Subpart AAAA for Landfills.

### 1.2 RECORD KEEPING AND REPORTING

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

### 1.3 REPORT PREPARATION

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This Combined Report has been prepared by Tetra Tech (formerly known as Cornerstone) as authorized by BFI.

### 1.4 MAJOR FACILITY REVIEW PERMIT RENEWAL

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The current Major Facility Review Permit for BFI, Title V Permit Number A2266, was issued on March 14, 2014, and expired on March 13, 2019. An application for the renewal of the Major Facility Review Permit was submitted to the BAAQMD on September 12, 2018. However, issuance of a new permit had not occurred prior to the time of this submittal. Therefore, the permit that expired March 13, 2019 is still in effect due to a permit shield, which will remain in effect until a new permit is issued.

## 2.0 COMBINED MONITORING REPORT

In accordance with Title V Permit Standard Condition 1.F, BAAQMD Rule 8-34-411 and §60.757(f) in the NSPS, this report is a Combined Semi-Annual Title V Report and Partial 8-34 Annual Report that is required to be submitted by BFI. 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, 2019 through March 31, 2020. 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)	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)	All emission control system downtime and the reason for the shutdown.	Section 2.2, Appendix D
8-34-501.3, 8-34-507, §60.757(f)(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)	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)	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)	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	The records required above shall be made available and retained for a period of five years.	Section 1.2
§60.757(f)(1)	Value and length of time for exceedance of parameters monitored per §60.756(a), (b), or (d).	Section 2.3

§60.757(f)(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)	Description and duration of all periods when control devices were not operating for more than 1 hour §60.756.	Section 2.2, Appendix D
§60.757(f)(4)	All periods when collection system was not operating for more than 5 days.	Section 2.2
§60.757(f)(5)	Location of each surface emission excess and all re-monitoring dates and concentration.	Section 2.7, Appendix H
§60.757(f)(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))

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

During the period covered in this report, the GCCS was not shut down for more than five days on any one occasion. There were 71.93 hours of GCCS downtime for the reporting period of October 1, 2019 through March 31, 2020. The total downtime for 2019, as of December 31, 2019, was 91.20 hours, out of an allowable 240 hours.

Appendix D contains the A-7, A-8, and A-9 Flares and the Ameresco Internal Combustion (IC) engines Downtime Reports as provided by Ameresco, and list dates, times, and lengths of shutdowns for the reporting period. Appendix E contains the GCCS Downtime.

### 2.1.2 Well Start-Up & Disconnection Log

There were six wellfield SSM events that occurred during the reporting period. A total of three vertical LFG extraction wells and one leachate cleanout riser system (LCRS) were decommissioned, and one new vertical LFG extraction well and one horizontal collector were started up pursuant to BAAQMD Regulation 8-34-117. Well Startup and Decommissioning Notification Letters were submitted on behalf of BFI to the BAAQMD and are included in Appendix B. See Appendix C, Wellfield SSM Log for details.

## 2.2 EMISSION CONTROL DEVICE DOWNTIME (BAAQMD 8-34-501.2 & §60.757(f)(3))

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. The control system was not bypassed at any time during the reporting period. Raw LFG was not emitted during the reporting period. The SSM Logs for the A-7, A-8, and A-9 Flares and the IC Engines are located in Appendix D.

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### 2.2.1 LFG Bypass Operations (§60.757(f)(2))

Title 40 CFR §60.757(f)(2) is not applicable at Ox Mountain because a bypass line has not been installed. LFG cannot be diverted from the control equipment.

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

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The combustion zone temperatures of the flares are monitored with Thermo-Electric Thermocouples. The temperature is displayed with a Yokogawa digital recorder, which is downloaded and archived. There were no temperature deviations during the reporting period. Appendix F contains the Flare Flow and Temperature Deviation/ Inoperative Monitor/ Missing Data Reports for October 1, 2019 through March 31, 2020.

### 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 1 and 3, 2019;
- November 1, 4, 5, 8, 12, 13, 14, 15, 20, 21, 22, 23, 26, and 27, 2019;
- December 5, 9, and 11, 2019;
- January 9 and 23, 2019;
- February 6 and 17, 2020; and
- March 30, 2020.

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

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

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Ox Mountain does not 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.

### 2.6 COMPLIANCE WITH TITLE V PERMIT CONDITION 10164 PART 18(d)(i)

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On October 22, 2015, BFI submitted a request to the BAAQMD for approval to operate the following wells under 8-34-404: 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 BFI, responded to the BAAQMD on May 24, 2016 that the provided language was acceptable. BFI 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, Ox Mountain submitted a request to the BAAQMD for approval to operate the following wells under 8-34-404: 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.



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## **2.7 SURFACE EMISSIONS MONITORING (BAAQMD 8-34-501.6, 8-34-506, §60.757(f)(5) & CALIFORNIA CODE OF REGULATIONS (CCR) §95469(a))**

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Fourth Quarter 2019 and First Quarter 2020 Instantaneous and Integrated Surface Emission Monitoring (SEM) events were completed by a third-party. Refer to the Fourth Quarter 2019 SEM Report located in Appendix H, for detailed results. The First Quarter 2020 SEM Report was not available at the time of the submittal and will be included in the next Semi-Annual Report. The Third Quarter 2019 SEM Report was not available at the time of the last Semi-Annual Report submission and is included in this one.

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

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

- Fourth Quarter 2019 – October 1, 2019 and December 28, 2019; and
- First Quarter 2020 – February 11, 24, 25, and 28 2020.

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 2019 and First Quarter 2020 as it was not in operation.

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

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

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The amount of waste accepted during the reporting period of October 1, 2019 through March 31, 2020 was approximately 284,332 tons. The current Waste-In-Place (WIP) as of March 31, 2020 is approximately 26,597,529 tons. 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). Tetra Tech is in the process of reexamining the assumptions used to determine this older waste volume to ensure total WIP estimates given above and in prior submittals are reasonable. The results of this volume assessment, along with any adjustments of WIP volumes, will be provided to BAAQMD in May 2020.

In September 2017, a change in permit application was submitted to update the maximum design capacity for Ox Mountain (Application Number 28882). The application is still under review by the BAAQMD and includes an increase in the permitted maximum design capacity from 49.0 million cubic yards (CY) to 60.5 million CY as well the associated increase in the WIP tonnage limitation. As of the date of this submittal, BFI has not received the revised permit addressing these changes; however, Tetra Tech did receive email confirmation from the BAAQMD permit engineer (Mr. Davis Zhu) on April 17, 2020 that he is currently processing the application and will be submitting for additional reviews when complete. We have and will continue to work with him via email due to the shelter-in-place (SIP) restrictions of the COVID-19 pandemic. According to the BAAQMD website, A/N 28882 is noted as "Complete – Application Under Evaluation". BFI continues to operate Ox Mountain under the permit shield provided by this application.

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

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The site does not currently contain an industrial waste facility that accepts friable asbestos and non-degradable materials. As such, the GCCS Design Plan for Ox Mountain does not exclude non-degradable waste areas from the collection system. Therefore, BAAQMD Regulation 8-34-501.8 is not applicable.

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## 2.11 WELLHEAD MONITORING DATA (BAAQMD 8-34-501.4 & 8-34-505)

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Wellhead monitoring was performed on a monthly basis pursuant to 8-34-505. The well readings for October 1, 2019 through March 31, 2020 are included in Appendix J. Each well was monitored in accordance with the following requirements:

- 8-34-305.1 – Each wellhead shall operate under a vacuum;
- 8-34-305.2 – The LFG temperature in each wellhead shall be less than 55 degrees Celsius (°C) (131 degrees Fahrenheit [°F]); and
- 8-34-305.4 – The oxygen concentration in each wellhead shall be less than five percent by volume.

Wellhead monitoring was performed on the following dates:

- October 1, 2, 4, 7, 9, 11, 22, 24, 25, and 29 and 30, 2019;
- November 1, 4, 8, 12, 13, 14, 19, 20, 21, 22, and 23, 2019;
- December 2, 3, 4, 6, 10, 12, 16, 18, 19, 20, 21, 23, and 31, 2019;
- January 2, 7, 9, 10, 15, 17, 20, 21, 22, 23, 24, 29, and 30, 2020;
- February 5, 6, 7, 10, 12, 13, 19, 21, 24, 25, and 27, 2020; and
- March 3, 6, 10, 11, 12, 21, 23, 24, 26, and 27, 2020.

### 2.11.1 Wellhead Deviations (BAAQMD 8-34-501.9 & §60.757(F)(1))

There were 67 wells with readings that exceeded the limits set forth in BAAQMD Regulation 8-34-305 during the reporting period. Corrective action was initiated within the required five-day time period and re-monitoring was completed within 15 days of the deviation pursuant to BAAQMD Regulation 8-34-414. 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 Oxygen HOV Wells

Pursuant to Permit Condition 10164, Part 18(b)(i), the oxygen concentration limit does not apply to wells OXMEW-W17 and HC-F06, provided that the oxygen concentration in the LFG at the main header does not exceed 15 percent oxygen by volume (dry basis).

#### 2.11.2.2 Oxygen and Pressure HOV Wells

Pursuant to the notification and requests for HOVs sent to the BAAQMD on November 3, 2015 and June 15, 2017, the wells noted below may operate at 15 percent oxygen or less. The BAAQMD responded to the initial request submitted on November 3, 2015 on May 6, 2016 by providing language to the current Title V Permit that wells LTS-1 through LTS-12 may operate under LTCO. Tetra Tech, on behalf of BFI, responded to the BAAQMD on May 24, 2016 that the provided language was acceptable. The BAAQMD issued a revised Title V permit on September 22, 2016 approving the HOV wells. On June 15, 2017, Ox Mountain submitted a request to the BAAQMD for approval to operate wells LTS-13 through LTS-20 under 8-34-404. 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 wells LTS-13 through LTS-20, 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.

Pursuant to Permit Condition 10164 Part 18(d)(iii), components that are connected to the vacuum system may be disconnected from the vacuum system if the oxygen content is equal to or greater than 15 percent or if the temperature is equal to or greater than 131 °F. Therefore, when the following wells are connected to the vacuum system, they may operate up to 15 percent oxygen. The wells to which these HOV values apply are as follows: LTS-1, LTS-2, LTS-3, LTS-4, LTS-5, LTS-6, LTS-7, LTS-8, LTS-9, LTS-10, LTS-11, LTS-12, LTS-13, LTS-14, LTS-15, LTS-16, LTS-17, LTS-18, LTS-19, and LTS-20.

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

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

The LFG flow rate is measured with a flow meter. The data panel displays the LFG flow and the digital Yokogawa data recorder records LFG flow every two minutes. The flow meter at each flare meets the requirements of BAAQMD Regulation 8-34-508 by recording data at least once every 15 minutes. The flow meter is 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, 2019 through March 31, 2020. There were no issues encountered during the reporting period.

## **2.13 COMPLIANCE WITH §60.757(f)(6)**

*"The date of installation and the location of each well or collection system expansion added pursuant to (a)(3), (b), (c)(4) of §60.755."*

There were no improvements made to the GCCS pursuant to Title V Permit Number A2266 during the reporting period.

A total of three vertical LFG extraction wells and one leachate cleanout riser system (LCRS) were decommissioned, and one new vertical LFG extraction well and one horizontal collector were started up during the reporting period pursuant to Permit Condition 10164, Part 17b(i). Well Startup and Decommissioning Notification Letters were submitted on behalf of BFI to the BAAQMD, and are included in Appendix B.

At the time of this submittal, Permit Condition 10164, Part 17b(i) still allows for the replacement of an unlimited number of vertical wells, installation of up to 26 new vertical wells, installation of up to 17 new horizontal collectors, the decommissioning of up to 90 vertical wells, and the decommissioning of up to 8 horizontal collectors.

As of March 31, 2020, Ox Mountain consists of 182 vertical wells, seven horizontal collectors, six leachate collection risers, and one trench collector.

## **2.14 COMPLIANCE WITH 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 COMPLIANCE WITH TITLE V PERMIT CONDITION NUMBER 10164, PART 6

Ten mile per hour (mph) speed limit signs are posted on sections of unpaved roads.

## 2.16 COMPLIANCE WITH 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, 2019 through March 31, 2020 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 COMPLIANCE WITH 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 COMPLIANCE WITH 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 2-2. 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 COMPLIANCE WITH 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 COMPLIANCE WITH TITLE V PERMIT CONDITION NUMBER 10164, PART 13**

No contaminated soil containing volatile organic compound (VOC) concentrations greater than 50 ppmv was received during this reporting period. BFI confirmed that VOC-laden soil (containing less than 50 ppmv of VOCs) was received during this reporting period. No deviations from the conditions outlined in Permit Condition 10164, Part 13 have been noted for this reporting period.

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

Appendix N contains monthly and 12-month rolling records of the amount of yard and green waste received for this reporting period. These records are maintained at Ox Mountain and are available upon request.

## **2.22 COMPLIANCE WITH 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 performed on October 16, 2019, and a copy is included in the last Semi-Annual report.

## **2.23 COMPLIANCE WITH DRAFT 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 L. These records are maintained at Ox Mountain and are available upon request.

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. On June 11, 2018, Tetra Tech submitted an application for a change of permit conditions (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, BFI is currently awaiting a response from the BAAQMD on these two COPC applications.

## **2.24 COMPLIANCE WITH DRAFT TITLE V PERMIT CONDITION NUMBER 10164, PART 21**

Pursuant to Title V Permit Condition Number 10164 Part 21, 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 COMPLIANCE WITH DRAFT TITLE V PERMIT CONDITION NUMBER 10164, PART 22**

Pursuant to Title V Permit Condition Number 10164 Part 22, 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 22(b). The A-7 and A-8 Flares 2016 Source Tests were performed on September 13, 2016 and was included in Appendix N of the April 1, 2016 through September 30, 2016 report submitted to the BAAQMD and the United States Environmental Protection Agency (USEPA) Region IX on October 31, 2016. Due to non-operation and ongoing maintenance on the A-7 and A-8 Flares, the 2017 Source Test was not performed by September 13, 2017. On October 27, 2017, a COPC Application was submitted to the BAAQMD requesting that Title V Permit Condition Number 10164, Part 30 be changed to include language allowing the extension of the annual source test deadlines during times of prolonged inoperation or maintenance.

The 2019 Source Test was performed at the A-7 and A-9 Flares on August 29, 2019. A copy of this report was included in Appendix N of the last SAR report.

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

The following Notices of Violation (NOV) were issued to BFI-Ox Mountain during this reporting period.

### **Issued October 10, 2019**

- NOV A58226: GCCS shutdown due to Pacific Gas and Electric (PG&E) Public Safety Power Shutoff (PSPS);

On November 1, 2019, BFI submitted a 10-day NOV Response to the BAAQMD for NOV Number A58226.

## **3.0 PERFORMANCE TEST REPORT**

In accordance with BAAQMD Rule 8-34-413 and 40 CFR §60.757(g) in the NSPS, a Performance Test Report is required to be submitted from affected facilities containing performance and monitoring data for the operation of the GCCS. The operational records listed in Table 3-1 have been reviewed, summarized, and are included in the following table.

**Table 3-1. Performance Test Requirements.**

Rule	Requirement	Location in Report
8-34-412, §60.8, §60.752(b)(2)(iii)(B), §60.754(d)	Compliance Demonstration Test	Section 3.1,
§60.757(g)(1)	A diagram of the collection system showing collection system positioning including all wells, horizontal collectors, surface collectors, or other gas extraction devices, including the locations of any areas excluded from collection and the proposed sites for future collection system expansion.	Section 3.2, Appendix A
§60.757(g)(2)	The data upon which the sufficient density of wells, horizontal collectors, surface collectors, or other gas extraction devices and the gas mover equipment sizing are based.	Section 3.3
§60.757(g)(3)	The documentation of the presence of asbestos or non-degradable material for each area from which collection wells have been excluded based on the presence of asbestos or non-degradable material.	Section 3.4
§60.757(g)(4)	The sum of the gas generation flow rates for all areas from which collection wells have been excluded based on non-productivity and the calculations of gas generation flow rate for each excluded area.	Section 3.5
§60.757(g)(5)	The provisions for increasing gas mover equipment capacity with increased gas generation flow rate, if the present gas mover equipment is inadequate to move the maximum flow rate expected over the life of the landfill.	Section 3.6
§60.757(g)(6)	The provisions for the control of off-site migration.	Section 3.7, Appendix M

### **3.1 FLARE (A-7, A-8, AND A-9) COMPLIANCE DEMONSTRATION TEST RESULTS BAAQMD 8-34-412)**

The A-7 and A-9 Flares 2018 Source Tests were performed on August 29, 2019 and the results were included in Appendix N of the last SAR.

On October 27, 2017, a COPC Application was submitted to the BAAQMD requesting that Title V Permit Condition Number 10164, Part 30 be changed to include language allowing the extension of the annual source test deadlines during times of prolonged inoperation or maintenance. The same COPC Application requested that the A-8 Flare be removed from the Title V Permit.

Due to the non-operation of the A-8 Flare in 2018, it was not source tested. Additionally, the A-8 Flare is scheduled to be decommissioned and will not operate again.

### **3.2 COMPLIANCE WITH §60.757(g)(1)**

*“A diagram of the collection system showing collection system positioning including wells, horizontal collectors...”*

A map of the LFG collection system showing the location of all vertical wells, horizontal collectors, and other LFG extraction devices is included in Appendix A.

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### 3.3 COMPLIANCE WITH §60.757(g)(2)

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*“The data upon which the sufficient density of wells, horizontal collectors, surface collectors, or other gas extraction devices and the gas mover equipment sizing are based.”*

The existing GCCS consists of LFG wells and collectors spaced in accordance with standard industry practices. Based on continuous compliance and operational experience the installed collector density appears adequate for controlling surface emissions and subsurface LFG migration.

The landfill operator will conduct routine monitoring in accordance with NSPS requirements. If the GCCS at the landfill does not meet the measures of performance set forth in the NSPS, the GCCS will be adjusted or modified as required.

The existing GCCS conveyance piping and emission control devices have sufficient capacity to handle all current and future LFG flow rates (based on quarterly SEM results and monthly wellhead readings). New emission control devices will be designed and permitted as appropriate for future LFG generation rates.

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### 3.4 COMPLIANCE WITH §60.757(g)(3)

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*“The documentation of the presence of asbestos or non-degradable material for each area from which collection wells have been excluded based on the presence of asbestos or non-degradable material.”*

Segregated areas or accumulations of asbestos material were not documented for the site in the GCCS Design Plan. Therefore, §60.757(g)(3) is not applicable.

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### 3.5 COMPLIANCE WITH §60.757(g)(4)

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*“The sum of the gas generation flow rates for all areas from which collection wells have been excluded based on non-productivity and the calculations of gas generation flow rate for each excluded area.”*

There are no non-productive areas that have been excluded from the coverage of the GCCS. Therefore, §60.757(g)(4) is not applicable.

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### 3.6 COMPLIANCE WITH §60.757(g)(5)

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*“The provisions for increasing gas mover equipment capacity with increased gas generation flow rate, if the present gas mover equipment is inadequate to move the maximum flow rate expected over the life of the landfill.”*

The existing GCCS conveyance piping and emission control devices have sufficient capacity to handle all current and future LFG flow rates. New emission control devices will be designed and permitted as appropriate for future LFG generation rates.

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### 3.7 COMPLIANCE WITH §60.757(g)(6)

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*“The provisions for the control of off-site migration.”*

Quarterly LFG migration monitoring, including all probes and on-site buildings, occurred on the following dates:

- Fourth Quarter 2019 – October 7, 14, and 21, 2019; November 1, 4, 15, 18, and 25, 2019; and December 4, 10, 16, 23, and 30, 2019.
- First Quarter 2020 – January 7, 14, 20, and 30, 2020; February 11, 17, and 26, 2020; and March 2, 12, 16, 26, and 30, 2020.



Exceedances of the five-percent by volume methane limit were detected at six probes (OXPGP16B, OXPGP16C, OXPGP17A, OXPGP17B, OXPGP17C, and OXPGP6RB) during the Fourth Quarter 2019. Exceedances of the five percent by volume methane limit were detected at five probes (OXMNTMP4, OXPGP16B, OXPGP16C, OXPGP17B, OXPGP17C, and OXPGP6RB) during the First Quarter 2020. On February 11, 2020, Tetra Tech submitted a Notification for Methane Exceedance to the LEA regarding elevated methane levels detected at perimeter gas probe OXMNTMP4 that were initially detected on February 5, 2020.

On July 3, 2018, Tetra Tech submitted a notification to the LEA regarding elevated methane levels detected at OXPGP09A, OXPGP09B, and OXPGP09C on June 27, 2018. A Remediation Plan was due for submittal to the LEA within 60 days of the initial detection (August 7, 2018 and August 26, 2018, respectively).

On August 3, 2018, Tetra Tech submitted the Remediation Plan to the LEA for OXPGP09A, OXPGP09C and OXPGP17C. Probes OXPGP6RA, OXPGP6RB, and OXPGP09B were found to be no longer in exceedance of the five-percent by volume methane limit at the end of the reporting period. However, Probes OXPGP09A, OXPGP17A, OXPGP17B, and OXPGP17C remained in exceedance.

On September 14, 2018, a seven-day notification was submitted to the LEA for Probes OXPGP6RA, OXPGP6RB, OXPGP17A, and OXPGP17B for additional exceedances detected. Probe 6RA was in compliance during re-monitoring on September 10, 2018.

On October 5, 2018, Tetra Tech submitted a Request for Limited Exemption from Regulation 8, Rule 34, Section 303 (118 Plan) to the BAAQMD regarding the anticipated installation of new vertical LFG extraction wells near these aforementioned probes, to assist with mitigating the migration of methane at these probes.

On November 6, 2018, a Probe Remediation Plan was submitted to the LEA regarding seven new vertical LFG extraction wells being installed to assist with the migration of methane. However, on March 5, 2019, the LEA notified BFI that the remediation plan was deemed insufficient to address the migration of methane at the probes.

On March 25, 2019, Tetra Tech submitted another notification for methane exceedances during the First Quarter 2019 Perimeter Probe monitoring event for Probes OXMNTMP4, OXPGP16B, and OXPGP16C. On May 2, 2019, Tetra Tech submitted a revised probe remediation plan to the LEA. On May 9, 2019, the LEA notified BFI that the remediation plan was deemed adequate and was approved. The remediation plan consists of the decommissioning and replacement of underperforming extraction wells, the installation of new LFG extraction wells, and improvements to system pumps and piping. A Request for Limited Exemption from Regulation 8, Rule 34, Section 303 (Landfill Surface Emissions [118 Plan]) was submitted to the BAAQMD on June 6, 2019. Construction activities started on June 12, 2019 and concluded on July 3, 2019.

On November 5, 2019, Browning-Ferris Industries of California, Inc. (BFI) received a copy of a letter dated October 29, 2019 from the LEA via e-mail. The letter requested a third Remediation Plan be submitted for review in relation to Gas Probes OXPGP6RB, OXPGP16B, OXPGP16C, OXPGP17B, and OXPGP17C since it had been five months since the implementation of the original Remediation Plan and these probes have remained in exceedance. On December 27, 2019, the third Probe Remediation Plan was submitted to the LEA and CalRecycle. Additionally, a revised Landfill Gas Monitoring Plan (LGMP) was also submitted to the LEA and CalRecycle on January 7, 2020 for review and approval.

On February 5, 2020, during the First Quarter 2020 Perimeter Probe monitoring event, perimeter gas Probe MP4 indicated a concentration of methane slightly above the five-percent by volume in air requirement. Two readings were taken, an initial reading and a follow-up to confirm the exceedance. The probe readings were 5.7 percent and 5.1 percent methane. On February 11, 2020, Tetra Tech submitted a Notification for Methane Exceedance to the LEA

The LFG Probe and In-Structure Monitoring Reports are included in Appendix M.

The Landfill operator will continue surface and perimeter monitoring in accordance with the approved monitoring plans. If the GCCS at the landfill does not meet the measures of performance set forth in the NSPS, the GCCS will be adjusted or modified in accordance with the NSPS requirements.

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

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

The NESHAP contained in 40 CFR Part 63, AAAA for MSW landfills include the regulatory requirements for submittal of a semi-annual report (under 40 CFR §63.10(d)(5) of the general provisions) if an SSM event occurred during the reporting period. The reports required by §63.1980(a) of the NESHAP and §60.757(f) of the NSPS summarize the GCCS exceedances. These two semi-annual reports 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. Those SSM events that occurred during the NSPS semi-annual reporting period are reported in this section (October 1, 2019 through March 31, 2020). The following information is included as required:

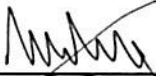
- During the reporting period, there were 104 SSM events at the A-7 Flare. Additional details are available in the SSM log for the A-7 Flare located in Appendix D, Flare SSM Log.
- During the reporting period, the A-8 Flare did not operate therefore there were no SSM events. Additional details are available in the SSM log for the A-8 Flare located in Appendix D, Flare SSM Log.
- During the reporting period, 46 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, six SSM events occurred in the wellfield. Details are included in Appendix C, Well SSM Log.
- There were 156 events in total. In all 156 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)).

**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**

4/30/2020

**Date**

**Michael Mahoney**

**Name of Responsible Official**

## 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 Environmental Group, LLC 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

# PLANS FOR THE 2019 PHASE III GCCS IMPROVEMENTS

## PREPARED FOR OX MOUNTAIN LANDFILL SAN MATEO COUNTY, CALIFORNIA

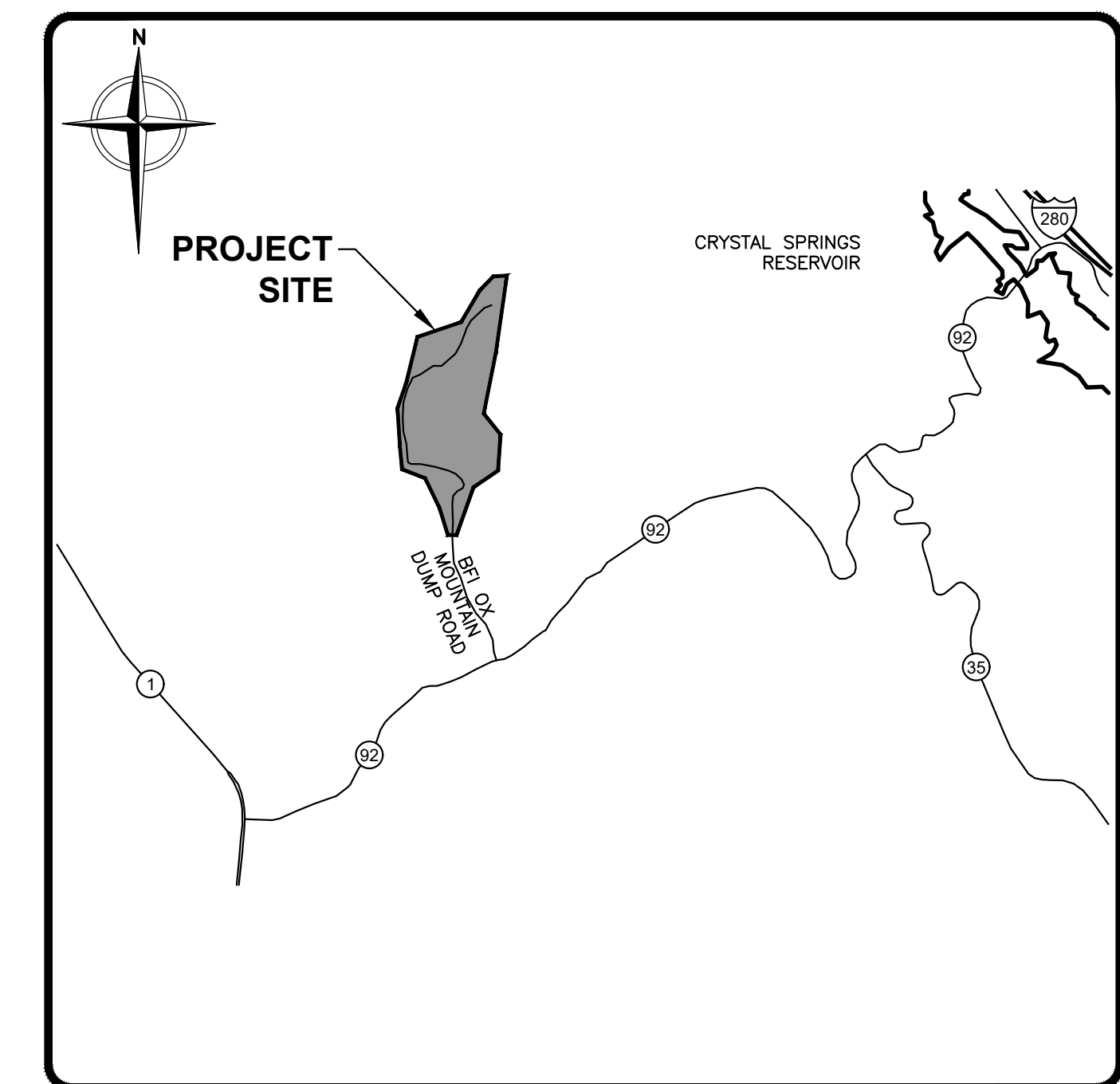
DECEMBER 2019



7600 Dublin Boulevard  
Suite 200  
Dublin, CA 94568  
Tel: (877) 633-5520  
Fax (845) 560-9879

### SHEET INDEX

1	GCCS AS-BUILT SITE PLAN
2	GCCS CONSTRUCTION SITE PLAN
DS1	WELL SCHEDULE/LFG DETAILS
DS2	LANDFILL GAS DETAILS
DS3	LANDFILL GAS DETAILS
DS4	LANDFILL GAS DETAILS
DS5	LANDFILL GAS DETAILS
DS6	LANDFILL GAS DETAILS



SCALE: 1"=10 MILES  
SOURCE: YAHOO MAPS

### LOCATION MAP

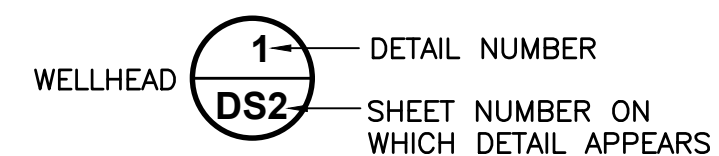
PRELIMINARY - NOT FOR CONSTRUCTION

PAUL J. STOUT, P.E.

P.E. Lic. No. C05827 Date

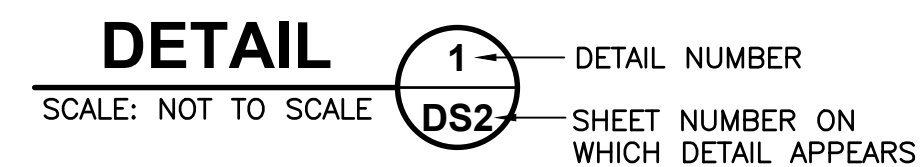
### DETAIL INDICATOR

#### SHEET ON WHICH DETAIL IS REFERENCED



#### SHEET ON WHICH DETAIL APPEARS

WELLHEAD

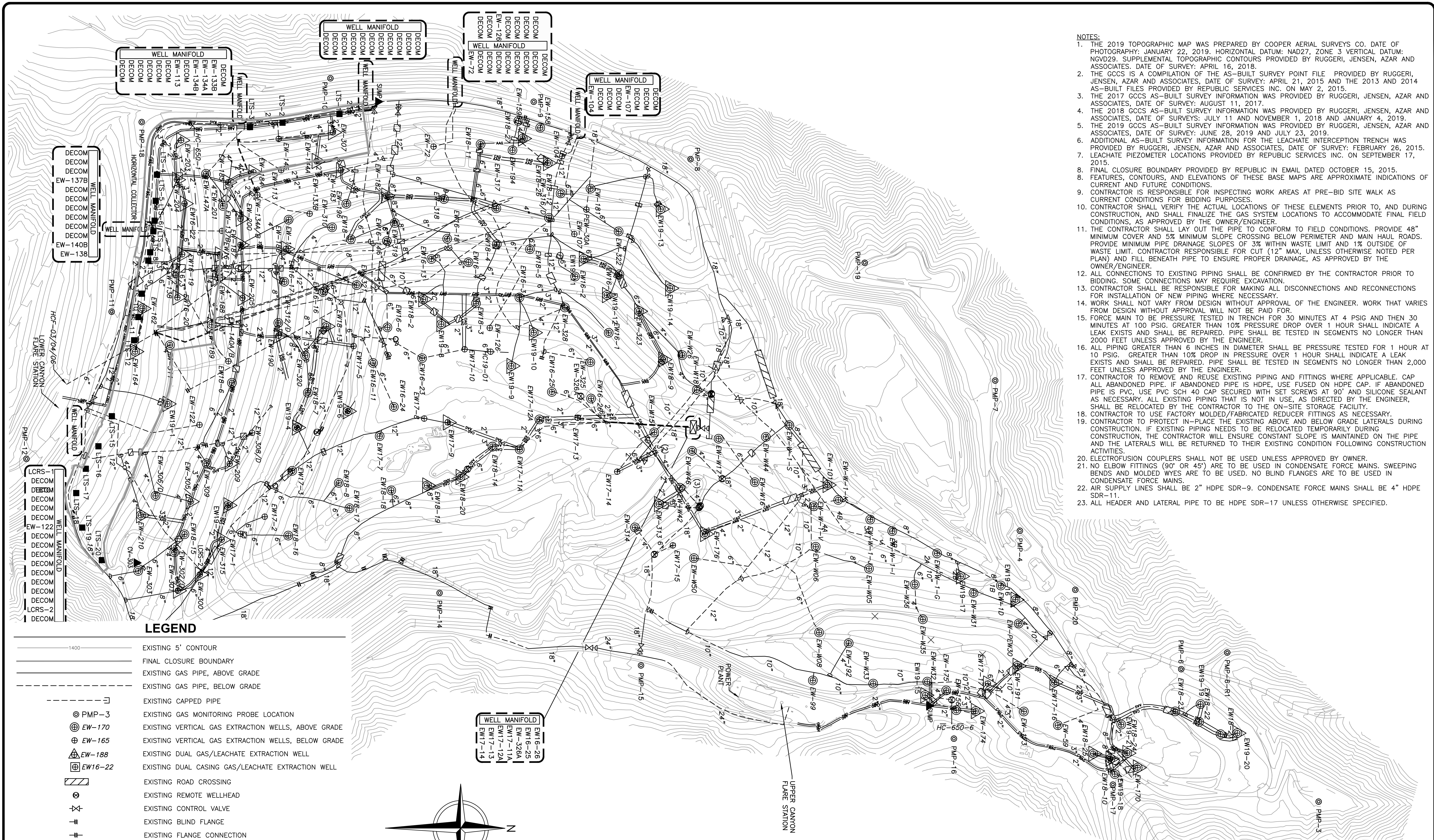


NOTE:  
THE EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE, AND UTILITY LINES MAY EXIST WHERE NONE ARE SHOWN. SOME INFORMATION MAY HAVE BEEN DERIVED FROM INFORMATION PROVIDED TO THE ENGINEER BY OTHERS. SUCH INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. CONTACT DIG ALERT AT 1-811-227-2600 AND ANY NON-PARTICIPATING UTILITY COMPANIES AT LEAST 48 HOURS BEFORE CONSTRUCTION. THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF PERTINENT UTILITIES, LANDFILL LINERS, AND OTHER EXISTING FEATURES IN OR NEAR THE AREA OF WORK, WHETHER INDICATED ON THESE DRAWINGS OR NOT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS SOON AS POSSIBLE. THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DISTURBING ANY UNDERGROUND UTILITIES. THE CONTRACTOR SHALL COORDINATE ANY POTENTIAL DISRUPTIONS IN UTILITY SERVICE WITH THE UTILITY COMPANIES AFFECTED AT LEAST 24 HOURS PRIOR TO THE DISRUPTION. THE CONTRACTOR SHALL REPAIR DAMAGE TO EXISTING UTILITIES AT THE CONTRACTOR'S EXPENSE.

1" 1/2" 0"  
 File: K:\PROJECTS\OX MOUNTAIN\190886 - 2019 PHASE III GCCS DESIGN\Project Drawings\190886-2019 GCCS IMPROVEMENTS PHASE III.dwg Layout: TITLE User: SAMAOUNGIN Dec 26, 2019 - 4:12pm

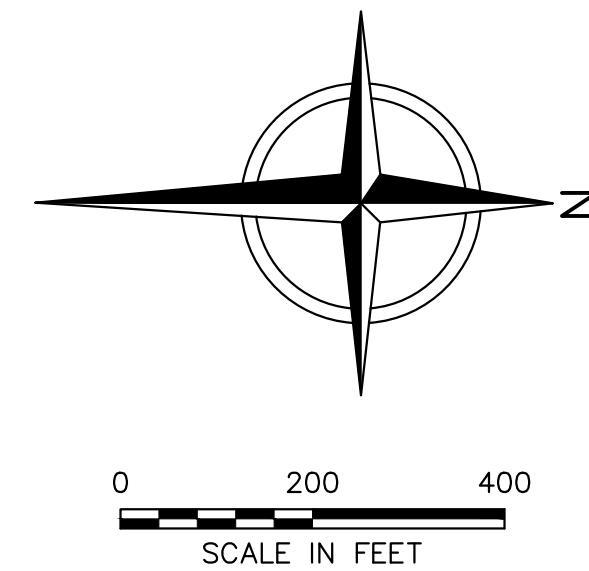
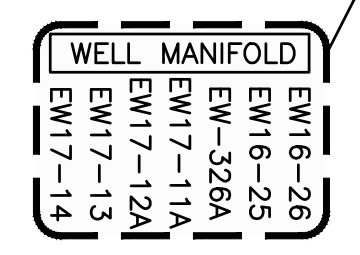
This drawing represents intellectual property of Tetra Tech. Any modification to the original by other than Tetra Tech personnel violates its original purpose and as such is rendered void. Tetra Tech will not be held liable for any changes made to this document without express written consent of the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

- NOTES:**
- THE 2019 TOPOGRAPHIC MAP WAS PREPARED BY COOPER AERIAL SURVEYS CO. DATE OF PHOTOGRAPHY: JANUARY 22, 2019. HORIZONTAL DATUM: NAD27, ZONE 3 VERTICAL DATUM: NGVD29. SUPPLEMENTAL TOPOGRAPHIC CONTOURS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES. DATE OF SURVEY: APRIL 16, 2018.
  - 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.
  - THE 2017 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES. DATE OF SURVEY: AUGUST 11, 2017.
  - 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.
  - THE 2019 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES. DATE OF SURVEY: JUNE 28, 2019 AND JULY 23, 2019.
  - ADDITIONAL AS-BUILT SURVEY INFORMATION FOR THE LEACHATE INTERCEPTION TRENCH WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES. DATE OF SURVEY: FEBRUARY 26, 2015.
  - LEACHATE PIEZOMETER LOCATIONS PROVIDED BY REPUBLIC SERVICES INC. ON SEPTEMBER 17, 2015.
  - FINAL CLOSURE BOUNDARY PROVIDED BY REPUBLIC IN EMAIL DATED OCTOBER 15, 2015.
  - FEATURES, CONTOURS, AND ELEVATIONS OF THESE BASE MAPS ARE APPROXIMATE INDICATIONS OF CURRENT AND FUTURE CONDITIONS.
  - CONTRACTOR IS RESPONSIBLE FOR INSPECTING WORK AREAS AT PRE-BID SITE WALK AS CURRENT CONDITIONS FOR BIDDING PURPOSES.
  - CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS OF THESE ELEMENTS PRIOR TO, AND DURING CONSTRUCTION, AND SHALL FINALIZE THE GAS SYSTEM LOCATIONS TO ACCOMMODATE FINAL FIELD CONDITIONS, AS APPROVED BY THE OWNER/ENGINEER.
  - THE CONTRACTOR SHALL LAY OUT THE PIPE TO CONFORM TO FIELD CONDITIONS. PROVIDE 48" MINIMUM COVER AND 5% MINIMUM SLOPE CROSSING BELOW PERIMETER AND MAIN HAUL ROADS. PROVIDE MINIMUM PIPE DRAINAGE SLOPES OF 3% WITHIN WASTE LIMIT AND 1% OUTSIDE OF WASTE LIMIT. CONTRACTOR RESPONSIBLE FOR CUT (12" MAX, UNLESS OTHERWISE NOTED PER PLAN) AND FILL BENEATH PIPE TO ENSURE PROPER DRAINAGE, AS APPROVED BY THE OWNER/ENGINEER.
  - ALL CONNECTIONS TO EXISTING PIPING SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO BIDDING. SOME CONNECTIONS MAY REQUIRE EXCAVATION.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL DISCONNECTIONS AND RECONNECTIONS FOR INSTALLATION OF NEW PIPING WHERE NECESSARY.
  - WORK SHALL NOT VARY FROM DESIGN WITHOUT APPROVAL OF THE ENGINEER. WORK THAT VARIES FROM DESIGN WITHOUT APPROVAL WILL NOT BE PAID FOR.
  - FORCE MAIN TO BE PRESSURE TESTED IN TRENCH FOR 30 MINUTES AT 4 PSIG AND THEN 30 MINUTES AT 100 PSIG. GREATER THAN 10% PRESSURE DROP OVER 1 HOUR SHALL INDICATE A LEAK EXISTS AND SHALL BE REPAIRED. PIPE SHALL BE TESTED IN SEGMENTS NO LONGER THAN 2000 FEET UNLESS APPROVED BY THE ENGINEER.
  - ALL PIPING GREATER THAN 6 INCHES IN DIAMETER SHALL BE PRESSURE TESTED FOR 1 HOUR AT 10 PSIG. GREATER THAN 10% DROP IN PRESSURE OVER 1 HOUR SHALL INDICATE A LEAK EXISTS AND SHALL BE REPAIRED. PIPE SHALL BE TESTED IN SEGMENTS NO LONGER THAN 2,000 FEET UNLESS APPROVED BY THE ENGINEER.
  - CONTRACTOR TO REMOVE AND REUSE EXISTING PIPING AND FITTINGS WHERE APPLICABLE. CAP ALL ABANDONED PIPE. IF ABANDONED PIPE IS HDPE, USE FUSED ON HDPE CAP. IF ABANDONED PIPE IS PVC, USE PVC SCH 40 CAP SECURED WITH SET SCREWS AT 90° AND SILICONE SEALANT AS NECESSARY. ALL EXISTING PIPING THAT IS NOT IN USE, AS DIRECTED BY THE ENGINEER, SHALL BE RELOCATED BY THE CONTRACTOR TO THE ON-SITE STORAGE FACILITY.
  - CONTRACTOR TO USE FACTORY MOLDED/FABRICATED REDUCER FITTINGS AS NECESSARY.
  - CONTRACTOR TO PROTECT IN-PLACE THE EXISTING ABOVE AND BELOW GRADE LATERALS DURING CONSTRUCTION. IF EXISTING PIPING NEEDS TO BE RELOCATED TEMPORARILY DURING CONSTRUCTION, THE CONTRACTOR WILL ENSURE CONSTANT SLOPE IS MAINTAINED ON THE PIPE AND THE LATERALS WILL BE RETURNED TO THEIR EXISTING CONDITION FOLLOWING CONSTRUCTION ACTIVITIES.
  - ELECTROFUSION COUPLERS SHALL NOT BE USED UNLESS APPROVED BY OWNER.
  - NO ELBOW FITTINGS (90° OR 45°) ARE TO BE USED IN CONDENSATE FORCE MAINS. SWEEPING BENDS AND MOLDED WYES ARE TO BE USED. NO BLIND FLANGES ARE TO BE USED IN CONDENSATE FORCE MAINS.
  - AIR SUPPLY LINES SHALL BE 2" HDPE SDR-9. CONDENSATE FORCE MAINS SHALL BE 4" HDPE SDR-11.
  - ALL HEADER AND LATERAL PIPE TO BE HDPE SDR-17 UNLESS OTHERWISE SPECIFIED.



**LEGEND**

- 1400 — EXISTING 5' CONTOUR
- FINAL CLOSURE BOUNDARY
- EXISTING GAS PIPE, ABOVE GRADE
- EXISTING GAS PIPE, BELOW GRADE
- EXISTING CAPPED PIPE
- ⊙ PMP-3 EXISTING GAS MONITORING PROBE LOCATION
- ⊕ EW-170 EXISTING VERTICAL GAS EXTRACTION WELLS, ABOVE GRADE
- ⊖ EW-165 EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE
- ⊕ EW-188 EXISTING DUAL GAS/LEACHATE EXTRACTION WELL
- ⊕ EW16-22 EXISTING DUAL CASING GAS/LEACHATE EXTRACTION WELL
- ▨ EXISTING ROAD CROSSING
- ⊙ EXISTING REMOTE WELLHEAD
- ⊗ EXISTING CONTROL VALVE
- ⊕ EXISTING BLIND FLANGE
- ⊕ EXISTING FLANGE CONNECTION
- ⊕ EXISTING REDUCER FITTING
- ▲ SUMP EXISTING CONDENSATE PUMP STATION
- LTS-12 EXISTING LEACHATE INTERCEPTION TRENCH SUMP
- CAG — EXISTING CONDENSATE PIPE, ABOVE GRADE
- CBG — EXISTING CONDENSATE PIPE, BELOW GRADE
- AAG — EXISTING AIR PIPE, ABOVE GRADE
- ABG — EXISTING AIR PIPE, BELOW GRADE



**PRELIMINARY - NOT FOR CONSTRUCTION**

REV	DATE	DESCRIPTION	OWN BY	DES BY	CHK BY	APP BY
DATE OF ISSUE	12/26/2019	DRAWN BY SEY DESIGNED BY GLC	CHECKED BY HLV APPROVED BY PJS			

**TETRA TECH**  
REGISTERED PROFESSIONAL ENGINEERING FIRM

OX MOUNTAIN LANDFILL  
 SAN MATEO COUNTY, CALIFORNIA  
**2019 PHASE III GCCS IMPROVEMENTS**  
**GCCS AS-BUILT SITE PLAN**

SHEET NO.  
**1**  
 PROJECT NO.  
 190686





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## 1.0 INTRODUCTION

### 1.1 PURPOSE

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This document is a Combined Semi-Annual Title V and Partial 8-34 Annual Report (Semi-Annual Report [SAR]) for Browning-Ferries Industries of California, Inc. (BFI) Ox Mountain Sanitary Landfill (Ox Mountain) pursuant to Title V Permit Standard Condition 1.F and Condition Number 10164 Part 33. This 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. This Combined Report meets the requirements of Title V Standard Condition 1.F, BAAQMD Rule 8-34-411 and 40 CFR §60.757(f) and covers compliance activities conducted from October 1, 2019 through March 31, 2020. 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 both BAAQMD 8-34-411 and 40 CFR §60.757(f). 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), and Title V Permit Condition Number 10164 Part 30. Section 4 of this Combined Report includes the Semi-Annual Report of the SSM Plan activities pursuant to the NESHAP, 40 CFR Part 63, Subpart AAAA for Landfills.

### 1.2 RECORD KEEPING AND REPORTING

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

### 1.3 REPORT PREPARATION

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This Combined Report has been prepared by Tetra Tech (formerly known as Cornerstone) as authorized by BFI.

### 1.4 MAJOR FACILITY REVIEW PERMIT RENEWAL

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The current Major Facility Review Permit for BFI, Title V Permit Number A2266, was issued on March 14, 2014, and expired on March 13, 2019. An application for the renewal of the Major Facility Review Permit was submitted to the BAAQMD on September 12, 2018. However, issuance of a new permit had not occurred prior to the time of this submittal. Therefore, the permit that expired March 13, 2019 is still in effect due to a permit shield, which will remain in effect until a new permit is issued.

## 2.0 COMBINED MONITORING REPORT

In accordance with Title V Permit Standard Condition 1.F, BAAQMD Rule 8-34-411 and §60.757(f) in the NSPS, this report is a Combined Semi-Annual Title V Report and Partial 8-34 Annual Report that is required to be submitted by BFI. 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, 2019 through March 31, 2020. 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)	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)	All emission control system downtime and the reason for the shutdown.	Section 2.2, Appendix D
8-34-501.3, 8-34-507, §60.757(f)(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)	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)	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)	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	The records required above shall be made available and retained for a period of five years.	Section 1.2
§60.757(f)(1)	Value and length of time for exceedance of parameters monitored per §60.756(a), (b), or (d).	Section 2.3

§60.757(f)(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)	Description and duration of all periods when control devices were not operating for more than 1 hour §60.756.	Section 2.2, Appendix D
§60.757(f)(4)	All periods when collection system was not operating for more than 5 days.	Section 2.2
§60.757(f)(5)	Location of each surface emission excess and all re-monitoring dates and concentration.	Section 2.7, Appendix H
§60.757(f)(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))

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

During the period covered in this report, the GCCS was not shut down for more than five days on any one occasion. There were 71.93 hours of GCCS downtime for the reporting period of October 1, 2019 through March 31, 2020. The total downtime for 2019, as of December 31, 2019, was 91.20 hours, out of an allowable 240 hours.

Appendix D contains the A-7, A-8, and A-9 Flares and the Ameresco Internal Combustion (IC) engines Downtime Reports as provided by Ameresco, and list dates, times, and lengths of shutdowns for the reporting period. Appendix E contains the GCCS Downtime.

### 2.1.2 Well Start-Up & Disconnection Log

There were six wellfield SSM events that occurred during the reporting period. A total of three vertical LFG extraction wells and one leachate cleanout riser system (LCRS) were decommissioned, and one new vertical LFG extraction well and one horizontal collector were started up pursuant to BAAQMD Regulation 8-34-117. Well Startup and Decommissioning Notification Letters were submitted on behalf of BFI to the BAAQMD and are included in Appendix B. See Appendix C, Wellfield SSM Log for details.

## 2.2 EMISSION CONTROL DEVICE DOWNTIME (BAAQMD 8-34-501.2 & §60.757(f)(3))

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. The control system was not bypassed at any time during the reporting period. Raw LFG was not emitted during the reporting period. The SSM Logs for the A-7, A-8, and A-9 Flares and the IC Engines are located in Appendix D.

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### **2.2.1 LFG Bypass Operations (§60.757(f)(2))**

Title 40 CFR §60.757(f)(2) is not applicable at Ox Mountain because a bypass line has not been installed. LFG cannot be diverted from the control equipment.

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

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The combustion zone temperatures of the flares are monitored with Thermo-Electric Thermocouples. The temperature is displayed with a Yokogawa digital recorder, which is downloaded and archived. There were no temperature deviations during the reporting period. Appendix F contains the Flare Flow and Temperature Deviation/ Inoperative Monitor/ Missing Data Reports for October 1, 2019 through March 31, 2020.

### **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 1 and 3, 2019;
- November 1, 4, 5, 8, 12, 13, 14, 15, 20, 21, 22, 23, 26, and 27, 2019;
- December 5, 9, and 11, 2019;
- January 9 and 23, 2019;
- February 6 and 17, 2020; and
- March 30, 2020.

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

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

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Ox Mountain does not 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.

### **2.6 COMPLIANCE WITH TITLE V PERMIT CONDITION 10164 PART 18(d)(i)**

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On October 22, 2015, BFI submitted a request to the BAAQMD for approval to operate the following wells under 8-34-404: 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 BFI, responded to the BAAQMD on May 24, 2016 that the provided language was acceptable. BFI 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, Ox Mountain submitted a request to the BAAQMD for approval to operate the following wells under 8-34-404: 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.

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## **2.7 SURFACE EMISSIONS MONITORING (BAAQMD 8-34-501.6, 8-34-506, §60.757(f)(5) & CALIFORNIA CODE OF REGULATIONS (CCR) §95469(a))**

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Fourth Quarter 2019 and First Quarter 2020 Instantaneous and Integrated Surface Emission Monitoring (SEM) events were completed by a third-party. Refer to the Fourth Quarter 2019 SEM Report located in Appendix H, for detailed results. The First Quarter 2020 SEM Report was not available at the time of the submittal and will be included in the next Semi-Annual Report. The Third Quarter 2019 SEM Report was not available at the time of the last Semi-Annual Report submission and is included in this one.

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

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

- Fourth Quarter 2019 – October 1, 2019 and December 28, 2019; and
- First Quarter 2020 – February 11, 24, 25, and 28 2020.

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 2019 and First Quarter 2020 as it was not in operation.

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

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

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The amount of waste accepted during the reporting period of October 1, 2019 through March 31, 2020 was approximately 284,332 tons. The current Waste-In-Place (WIP) as of March 31, 2020 is approximately 26,597,529 tons. 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). Tetra Tech is in the process of reexamining the assumptions used to determine this older waste volume to ensure total WIP estimates given above and in prior submittals are reasonable. The results of this volume assessment, along with any adjustments of WIP volumes, will be provided to BAAQMD in May 2020.

In September 2017, a change in permit application was submitted to update the maximum design capacity for Ox Mountain (Application Number 28882). The application is still under review by the BAAQMD and includes an increase in the permitted maximum design capacity from 49.0 million cubic yards (CY) to 60.5 million CY as well the associated increase in the WIP tonnage limitation. As of the date of this submittal, BFI has not received the revised permit addressing these changes; however, Tetra Tech did receive email confirmation from the BAAQMD permit engineer (Mr. Davis Zhu) on April 17, 2020 that he is currently processing the application and will be submitting for additional reviews when complete. We have and will continue to work with him via email due to the shelter-in-place (SIP) restrictions of the COVID-19 pandemic. According to the BAAQMD website, A/N 28882 is noted as “Complete – Application Under Evaluation”. BFI continues to operate Ox Mountain under the permit shield provided by this application.

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

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The site does not currently contain an industrial waste facility that accepts friable asbestos and non-degradable materials. As such, the GCCS Design Plan for Ox Mountain does not exclude non-degradable waste areas from the collection system. Therefore, BAAQMD Regulation 8-34-501.8 is not applicable.

## 2.11 WELLHEAD MONITORING DATA (BAAQMD 8-34-501.4 & 8-34-505)

Wellhead monitoring was performed on a monthly basis pursuant to 8-34-505. The well readings for October 1, 2019 through March 31, 2020 are included in Appendix J. Each well was monitored in accordance with the following requirements:

- 8-34-305.1 – Each wellhead shall operate under a vacuum;
- 8-34-305.2 – The LFG temperature in each wellhead shall be less than 55 degrees Celsius (°C) (131 degrees Fahrenheit [°F]); and
- 8-34-305.4 – The oxygen concentration in each wellhead shall be less than five percent by volume.

Wellhead monitoring was performed on the following dates:

- October 1, 2, 4, 7, 9, 11, 22, 24, 25, and 29 and 30, 2019;
- November 1, 4, 8, 12, 13, 14, 19, 20, 21, 22, and 23, 2019;
- December 2, 3, 4, 6, 10, 12, 16, 18, 19, 20, 21, 23, and 31, 2019;
- January 2, 7, 9, 10, 15, 17, 20, 21, 22, 23, 24, 29, and 30, 2020;
- February 5, 6, 7, 10, 12, 13, 19, 21, 24, 25, and 27, 2020; and
- March 3, 6, 10, 11, 12, 21, 23, 24, 26, and 27, 2020.

### 2.11.1 Wellhead Deviations (BAAQMD 8-34-501.9 & §60.757(F)(1))

There were 67 wells with readings that exceeded the limits set forth in BAAQMD Regulation 8-34-305 during the reporting period. Corrective action was initiated within the required five-day time period and re-monitoring was completed within 15 days of the deviation pursuant to BAAQMD Regulation 8-34-414. 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 Oxygen HOV Wells

Pursuant to Permit Condition 10164, Part 18(b)(i), the oxygen concentration limit does not apply to wells OXMEW-W17 and HC-F06, provided that the oxygen concentration in the LFG at the main header does not exceed 15 percent oxygen by volume (dry basis).

#### 2.11.2.2 Oxygen and Pressure HOV Wells

Pursuant to the notification and requests for HOVs sent to the BAAQMD on November 3, 2015 and June 15, 2017, the wells noted below may operate at 15 percent oxygen or less. The BAAQMD responded to the initial request submitted on November 3, 2015 on May 6, 2016 by providing language to the current Title V Permit that wells LTS-1 through LTS-12 may operate under LTCO. Tetra Tech, on behalf of BFI, responded to the BAAQMD on May 24, 2016 that the provided language was acceptable. The BAAQMD issued a revised Title V permit on September 22, 2016 approving the HOV wells. On June 15, 2017, Ox Mountain submitted a request to the BAAQMD for approval to operate wells LTS-13 through LTS-20 under 8-34-404. 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 wells LTS-13 through LTS-20, 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.

Pursuant to Permit Condition 10164 Part 18(d)(iii), components that are connected to the vacuum system may be disconnected from the vacuum system if the oxygen content is equal to or greater than 15 percent or if the temperature is equal to or greater than 131 °F. Therefore, when the following wells are connected to the vacuum system, they may operate up to 15 percent oxygen. The wells to which these HOV values apply are as follows: LTS-1, LTS-2, LTS-3, LTS-4, LTS-5, LTS-6, LTS-7, LTS-8, LTS-9, LTS-10, LTS-11, LTS-12, LTS-13, LTS-14, LTS-15, LTS-16, LTS-17, LTS-18, LTS-19, and LTS-20.

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

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

The LFG flow rate is measured with a flow meter. The data panel displays the LFG flow and the digital Yokogawa data recorder records LFG flow every two minutes. The flow meter at each flare meets the requirements of BAAQMD Regulation 8-34-508 by recording data at least once every 15 minutes. The flow meter is 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, 2019 through March 31, 2020. There were no issues encountered during the reporting period.

## **2.13 COMPLIANCE WITH §60.757(f)(6)**

*"The date of installation and the location of each well or collection system expansion added pursuant to (a)(3), (b), (c)(4) of §60.755."*

There were no improvements made to the GCCS pursuant to Title V Permit Number A2266 during the reporting period.

A total of three vertical LFG extraction wells and one leachate cleanout riser system (LCRS) were decommissioned, and one new vertical LFG extraction well and one horizontal collector were started up during the reporting period pursuant to Permit Condition 10164, Part 17b(i). Well Startup and Decommissioning Notification Letters were submitted on behalf of BFI to the BAAQMD, and are included in Appendix B.

At the time of this submittal, Permit Condition 10164, Part 17b(i) still allows for the replacement of an unlimited number of vertical wells, installation of up to 26 new vertical wells, installation of up to 17 new horizontal collectors, the decommissioning of up to 90 vertical wells, and the decommissioning of up to 8 horizontal collectors.

As of March 31, 2020, Ox Mountain consists of 182 vertical wells, seven horizontal collectors, six leachate collection risers, and one trench collector.

## **2.14 COMPLIANCE WITH 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 COMPLIANCE WITH TITLE V PERMIT CONDITION NUMBER 10164, PART 6

Ten mile per hour (mph) speed limit signs are posted on sections of unpaved roads.

## 2.16 COMPLIANCE WITH 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, 2019 through March 31, 2020 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 COMPLIANCE WITH 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 COMPLIANCE WITH 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 2-2. 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 COMPLIANCE WITH 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 COMPLIANCE WITH TITLE V PERMIT CONDITION NUMBER 10164, PART 13**

No contaminated soil containing volatile organic compound (VOC) concentrations greater than 50 ppmv was received during this reporting period. BFI confirmed that VOC-laden soil (containing less than 50 ppmv of VOCs) was received during this reporting period. No deviations from the conditions outlined in Permit Condition 10164, Part 13 have been noted for this reporting period.

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

Appendix N contains monthly and 12-month rolling records of the amount of yard and green waste received for this reporting period. These records are maintained at Ox Mountain and are available upon request.

## **2.22 COMPLIANCE WITH 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 performed on October 16, 2019, and a copy is included in the last Semi-Annual report.

## **2.23 COMPLIANCE WITH DRAFT 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 L. These records are maintained at Ox Mountain and are available upon request.

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. On June 11, 2018, Tetra Tech submitted an application for a change of permit conditions (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, BFI is currently awaiting a response from the BAAQMD on these two COPC applications.

## **2.24 COMPLIANCE WITH DRAFT TITLE V PERMIT CONDITION NUMBER 10164, PART 21**

Pursuant to Title V Permit Condition Number 10164 Part 21, 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 COMPLIANCE WITH DRAFT TITLE V PERMIT CONDITION NUMBER 10164, PART 22**

Pursuant to Title V Permit Condition Number 10164 Part 22, 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 22(b). The A-7 and A-8 Flares 2016 Source Tests were performed on September 13, 2016 and was included in Appendix N of the April 1, 2016 through September 30, 2016 report submitted to the BAAQMD and the United States Environmental Protection Agency (USEPA) Region IX on October 31, 2016. Due to non-operation and ongoing maintenance on the A-7 and A-8 Flares, the 2017 Source Test was not performed by September 13, 2017. On October 27, 2017, a COPC Application was submitted to the BAAQMD requesting that Title V Permit Condition Number 10164, Part 30 be changed to include language allowing the extension of the annual source test deadlines during times of prolonged inoperation or maintenance.

The 2019 Source Test was performed at the A-7 and A-9 Flares on August 29, 2019. A copy of this report was included in Appendix N of the last SAR report.

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

The following Notices of Violation (NOV) were issued to BFI-Ox Mountain during this reporting period.

### **Issued October 10, 2019**

- NOV A58226: GCCS shutdown due to Pacific Gas and Electric (PG&E) Public Safety Power Shutoff (PSPS);

On November 1, 2019, BFI submitted a 10-day NOV Response to the BAAQMD for NOV Number A58226.

## **3.0 PERFORMANCE TEST REPORT**

In accordance with BAAQMD Rule 8-34-413 and 40 CFR §60.757(g) in the NSPS, a Performance Test Report is required to be submitted from affected facilities containing performance and monitoring data for the operation of the GCCS. The operational records listed in Table 3-1 have been reviewed, summarized, and are included in the following table.

**Table 3-1. Performance Test Requirements.**

Rule	Requirement	Location in Report
8-34-412, §60.8, §60.752(b)(2)(iii)(B), §60.754(d)	Compliance Demonstration Test	Section 3.1,
§60.757(g)(1)	A diagram of the collection system showing collection system positioning including all wells, horizontal collectors, surface collectors, or other gas extraction devices, including the locations of any areas excluded from collection and the proposed sites for future collection system expansion.	Section 3.2, Appendix A
§60.757(g)(2)	The data upon which the sufficient density of wells, horizontal collectors, surface collectors, or other gas extraction devices and the gas mover equipment sizing are based.	Section 3.3
§60.757(g)(3)	The documentation of the presence of asbestos or non-degradable material for each area from which collection wells have been excluded based on the presence of asbestos or non-degradable material.	Section 3.4
§60.757(g)(4)	The sum of the gas generation flow rates for all areas from which collection wells have been excluded based on non-productivity and the calculations of gas generation flow rate for each excluded area.	Section 3.5
§60.757(g)(5)	The provisions for increasing gas mover equipment capacity with increased gas generation flow rate, if the present gas mover equipment is inadequate to move the maximum flow rate expected over the life of the landfill.	Section 3.6
§60.757(g)(6)	The provisions for the control of off-site migration.	Section 3.7, Appendix M

### **3.1 FLARE (A-7, A-8, AND A-9) COMPLIANCE DEMONSTRATION TEST RESULTS BAAQMD 8-34-412)**

The A-7 and A-9 Flares 2018 Source Tests were performed on August 29, 2019 and the results were included in Appendix N of the last SAR.

On October 27, 2017, a COPC Application was submitted to the BAAQMD requesting that Title V Permit Condition Number 10164, Part 30 be changed to include language allowing the extension of the annual source test deadlines during times of prolonged inoperation or maintenance. The same COPC Application requested that the A-8 Flare be removed from the Title V Permit.

Due to the non-operation of the A-8 Flare in 2018, it was not source tested. Additionally, the A-8 Flare is scheduled to be decommissioned and will not operate again.

### **3.2 COMPLIANCE WITH §60.757(g)(1)**

*“A diagram of the collection system showing collection system positioning including wells, horizontal collectors...”*

A map of the LFG collection system showing the location of all vertical wells, horizontal collectors, and other LFG extraction devices is included in Appendix A.

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### 3.3 COMPLIANCE WITH §60.757(g)(2)

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*“The data upon which the sufficient density of wells, horizontal collectors, surface collectors, or other gas extraction devices and the gas mover equipment sizing are based.”*

The existing GCCS consists of LFG wells and collectors spaced in accordance with standard industry practices. Based on continuous compliance and operational experience the installed collector density appears adequate for controlling surface emissions and subsurface LFG migration.

The landfill operator will conduct routine monitoring in accordance with NSPS requirements. If the GCCS at the landfill does not meet the measures of performance set forth in the NSPS, the GCCS will be adjusted or modified as required.

The existing GCCS conveyance piping and emission control devices have sufficient capacity to handle all current and future LFG flow rates (based on quarterly SEM results and monthly wellhead readings). New emission control devices will be designed and permitted as appropriate for future LFG generation rates.

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### 3.4 COMPLIANCE WITH §60.757(g)(3)

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*“The documentation of the presence of asbestos or non-degradable material for each area from which collection wells have been excluded based on the presence of asbestos or non-degradable material.”*

Segregated areas or accumulations of asbestos material were not documented for the site in the GCCS Design Plan. Therefore, §60.757(g)(3) is not applicable.

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### 3.5 COMPLIANCE WITH §60.757(g)(4)

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*“The sum of the gas generation flow rates for all areas from which collection wells have been excluded based on non-productivity and the calculations of gas generation flow rate for each excluded area.”*

There are no non-productive areas that have been excluded from the coverage of the GCCS. Therefore, §60.757(g)(4) is not applicable.

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### 3.6 COMPLIANCE WITH §60.757(g)(5)

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*“The provisions for increasing gas mover equipment capacity with increased gas generation flow rate, if the present gas mover equipment is inadequate to move the maximum flow rate expected over the life of the landfill.”*

The existing GCCS conveyance piping and emission control devices have sufficient capacity to handle all current and future LFG flow rates. New emission control devices will be designed and permitted as appropriate for future LFG generation rates.

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### 3.7 COMPLIANCE WITH §60.757(g)(6)

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*“The provisions for the control of off-site migration.”*

Quarterly LFG migration monitoring, including all probes and on-site buildings, occurred on the following dates:

- Fourth Quarter 2019 – October 7, 14, and 21, 2019; November 1, 4, 15, 18, and 25, 2019; and December 4, 10, 16, 23, and 30, 2019.
- First Quarter 2020 – January 7, 14, 20, and 30, 2020; February 11, 17, and 26, 2020; and March 2, 12, 16, 26, and 30, 2020.

Exceedances of the five-percent by volume methane limit were detected at six probes (OXPGP16B, OXPGP16C, OXPGP17A, OXPGP17B, OXPGP17C, and OXPGP6RB) during the Fourth Quarter 2019. Exceedances of the five percent by volume methane limit were detected at five probes (OXMNTMP4, OXPGP16B, OXPGP16C, OXPGP17B, OXPGP17C, and OXPGP6RB) during the First Quarter 2020. On February 11, 2020, Tetra Tech submitted a Notification for Methane Exceedance to the LEA regarding elevated methane levels detected at perimeter gas probe OXMNTMP4 that were initially detected on February 5, 2020.

On July 3, 2018, Tetra Tech submitted a notification to the LEA regarding elevated methane levels detected at OXPGP09A, OXPGP09B, and OXPGP09C on June 27, 2018. A Remediation Plan was due for submittal to the LEA within 60 days of the initial detection (August 7, 2018 and August 26, 2018, respectively).

On August 3, 2018, Tetra Tech submitted the Remediation Plan to the LEA for OXPGP09A, OXPGP09C and OXPGP17C. Probes OXPGP6RA, OXPGP6RB, and OXPGP09B were found to be no longer in exceedance of the five-percent by volume methane limit at the end of the reporting period. However, Probes OXPGP09A, OXPGP17A, OXPGP17B, and OXPGP17C remained in exceedance.

On September 14, 2018, a seven-day notification was submitted to the LEA for Probes OXPGP6RA, OXPGP6RB, OXPGP17A, and OXPGP17B for additional exceedances detected. Probe 6RA was in compliance during re-monitoring on September 10, 2018.

On October 5, 2018, Tetra Tech submitted a Request for Limited Exemption from Regulation 8, Rule 34, Section 303 (118 Plan) to the BAAQMD regarding the anticipated installation of new vertical LFG extraction wells near these aforementioned probes, to assist with mitigating the migration of methane at these probes.

On November 6, 2018, a Probe Remediation Plan was submitted to the LEA regarding seven new vertical LFG extraction wells being installed to assist with the migration of methane. However, on March 5, 2019, the LEA notified BFI that the remediation plan was deemed insufficient to address the migration of methane at the probes.

On March 25, 2019, Tetra Tech submitted another notification for methane exceedances during the First Quarter 2019 Perimeter Probe monitoring event for Probes OXMNTMP4, OXPGP16B, and OXPGP16C. On May 2, 2019, Tetra Tech submitted a revised probe remediation plan to the LEA. On May 9, 2019, the LEA notified BFI that the remediation plan was deemed adequate and was approved. The remediation plan consists of the decommissioning and replacement of underperforming extraction wells, the installation of new LFG extraction wells, and improvements to system pumps and piping. A Request for Limited Exemption from Regulation 8, Rule 34, Section 303 (Landfill Surface Emissions [118 Plan]) was submitted to the BAAQMD on June 6, 2019. Construction activities started on June 12, 2019 and concluded on July 3, 2019.

On November 5, 2019, Browning-Ferris Industries of California, Inc. (BFI) received a copy of a letter dated October 29, 2019 from the LEA via e-mail. The letter requested a third Remediation Plan be submitted for review in relation to Gas Probes OXPGP6RB, OXPGP16B, OXPGP16C, OXPGP17B, and OXPGP17C since it had been five months since the implementation of the original Remediation Plan and these probes have remained in exceedance. On December 27, 2019, the third Probe Remediation Plan was submitted to the LEA and CalRecycle. Additionally, a revised Landfill Gas Monitoring Plan (LGMP) was also submitted to the LEA and CalRecycle on January 7, 2020 for review and approval.

On February 5, 2020, during the First Quarter 2020 Perimeter Probe monitoring event, perimeter gas Probe MP4 indicated a concentration of methane slightly above the five-percent by volume in air requirement. Two readings were taken, an initial reading and a follow-up to confirm the exceedance. The probe readings were 5.7 percent and 5.1 percent methane. On February 11, 2020, Tetra Tech submitted a Notification for Methane Exceedance to the LEA

The LFG Probe and In-Structure Monitoring Reports are included in Appendix M.

The Landfill operator will continue surface and perimeter monitoring in accordance with the approved monitoring plans. If the GCCS at the landfill does not meet the measures of performance set forth in the NSPS, the GCCS will be adjusted or modified in accordance with the NSPS requirements.

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

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

The NESHAP contained in 40 CFR Part 63, AAAA for MSW landfills include the regulatory requirements for submittal of a semi-annual report (under 40 CFR §63.10(d)(5) of the general provisions) if an SSM event occurred during the reporting period. The reports required by §63.1980(a) of the NESHAP and §60.757(f) of the NSPS summarize the GCCS exceedances. These two semi-annual reports 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. Those SSM events that occurred during the NSPS semi-annual reporting period are reported in this section (October 1, 2019 through March 31, 2020). The following information is included as required:

- During the reporting period, there were 104 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, 46 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, six SSM events occurred in the wellfield. Details are included in Appendix C, Well SSM Log.
- There were 156 events in total. In all 156 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)).

*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**

\_\_\_\_\_  
Michael Mahoney  
**Name of Responsible Official**

## 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 Environmental Group, LLC 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

# PLANS FOR THE 2019 PHASE III GCCS IMPROVEMENTS

## PREPARED FOR OX MOUNTAIN LANDFILL SAN MATEO COUNTY, CALIFORNIA

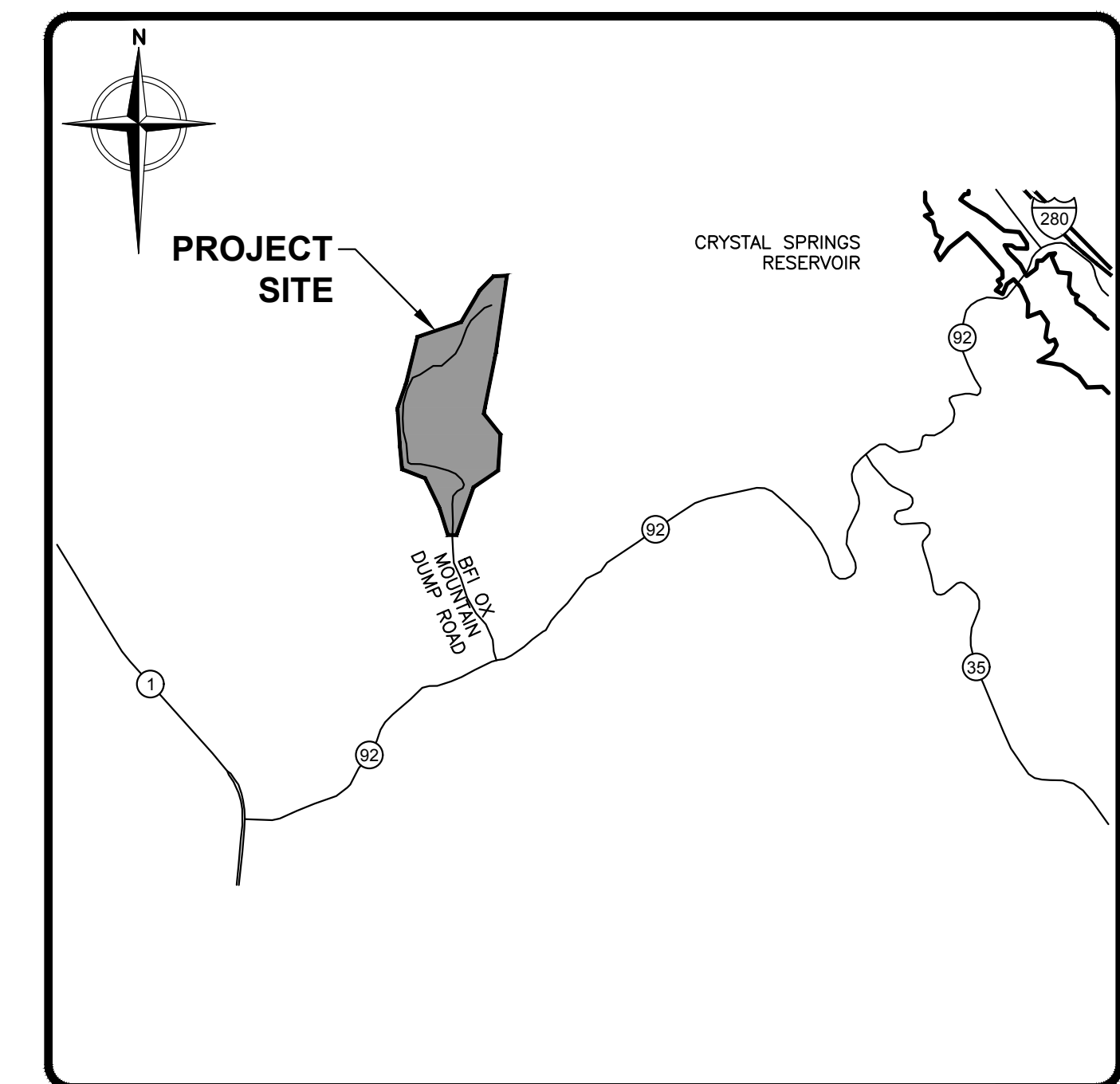
DECEMBER 2019



7600 Dublin Boulevard  
Suite 200  
Dublin, CA 94568  
Tel: (877) 633-5520  
Fax (845) 560-9879

### SHEET INDEX

1	GCCS AS-BUILT SITE PLAN
2	GCCS CONSTRUCTION SITE PLAN
DS1	WELL SCHEDULE/LFG DETAILS
DS2	LANDFILL GAS DETAILS
DS3	LANDFILL GAS DETAILS
DS4	LANDFILL GAS DETAILS
DS5	LANDFILL GAS DETAILS
DS6	LANDFILL GAS DETAILS



### LOCATION MAP

SCALE: 1"=10 MILES  
SOURCE: YAHOO MAPS

PRELIMINARY - NOT FOR CONSTRUCTION

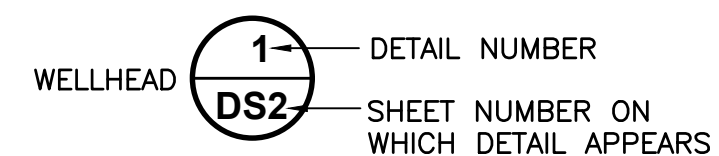
PAUL J. STOUT, P.E.

P.E. Lic. No. C05827 Date

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.

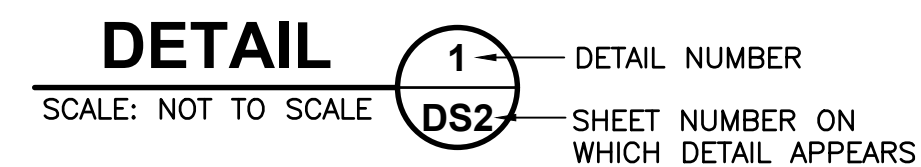
### DETAIL INDICATOR

#### SHEET ON WHICH DETAIL IS REFERENCED



#### SHEET ON WHICH DETAIL APPEARS

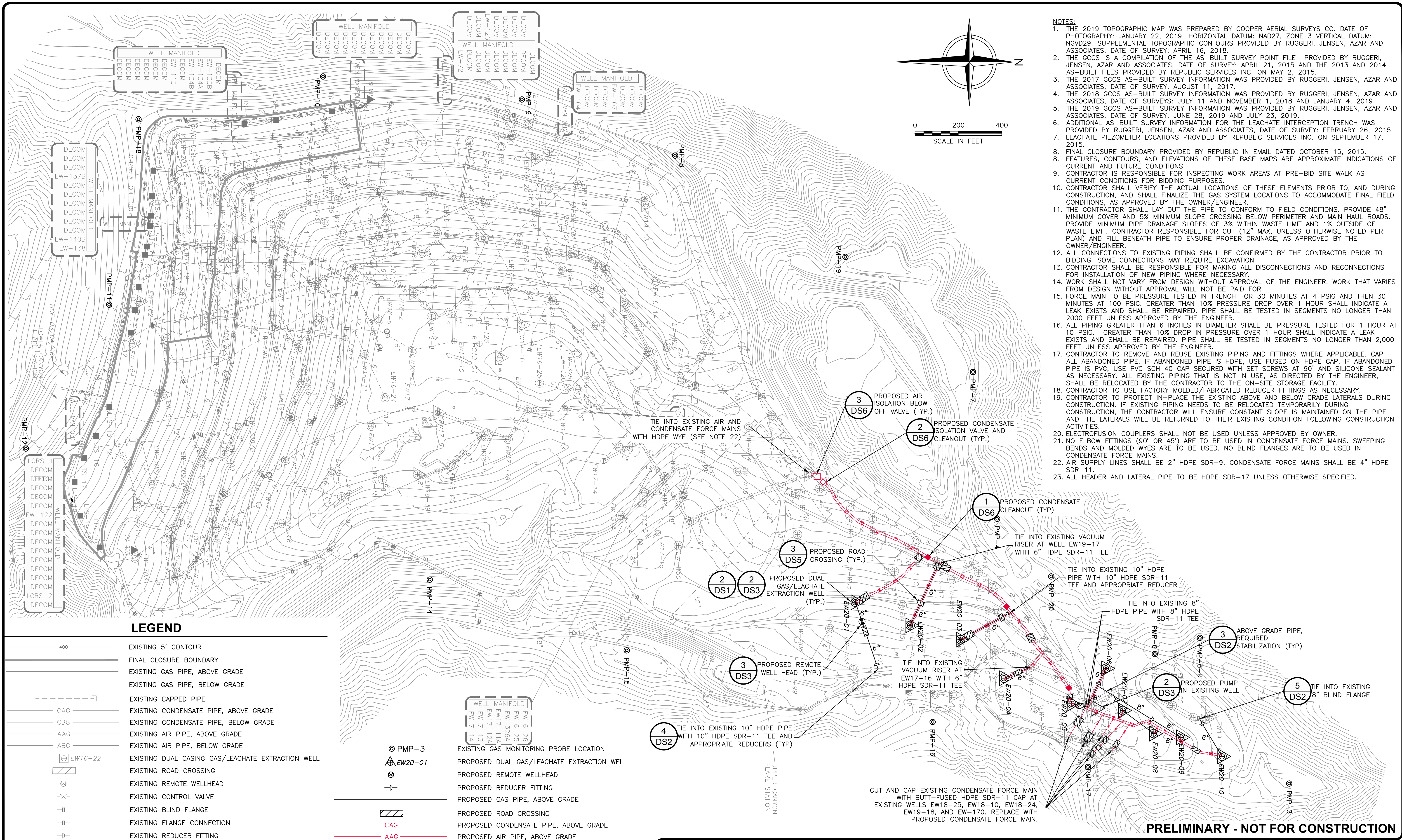
WELLHEAD



NOTE:  
THE EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE, AND UTILITY LINES MAY EXIST WHERE NONE ARE SHOWN. SOME INFORMATION MAY HAVE BEEN DERIVED FROM INFORMATION PROVIDED TO THE ENGINEER BY OTHERS. SUCH INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. CONTACT DIG ALERT AT 1-811-227-2600 AND ANY NON-PARTICIPATING UTILITY COMPANIES AT LEAST 48 HOURS BEFORE CONSTRUCTION. THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF PERTINENT UTILITIES, LANDFILL LINERS, AND OTHER EXISTING FEATURES IN OR NEAR THE AREA OF WORK, WHETHER INDICATED ON THESE DRAWINGS OR NOT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS SOON AS POSSIBLE. THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DISTURBING ANY UNDERGROUND UTILITIES. THE CONTRACTOR SHALL COORDINATE ANY POTENTIAL DISRUPTIONS IN UTILITY SERVICE WITH THE UTILITY COMPANIES AFFECTED AT LEAST 24 HOURS PRIOR TO THE DISRUPTION. THE CONTRACTOR SHALL REPAIR DAMAGE TO EXISTING UTILITIES AT THE CONTRACTOR'S EXPENSE.

1" 1/2" 0"  
 File: K:\PROJECTS\OX MOUNTAIN\190886 - 2019 PHASE III GCCS DESIGN\Project Drawings\190886-2019 GCCS IMPROVEMENTS PHASE III.dwg Layout: TITLE User: SAMYOUNG\N Dec 26, 2019 - 4:12pm





- NOTES:**
1. THE 2019 TOPOGRAPHIC MAP WAS PREPARED BY COOPER AERIAL SURVEYS CO. DATE OF PHOTOGRAPHY: JANUARY 22, 2019. HORIZONTAL DATUM: NAD27, ZONE 3 VERTICAL DATUM: NGVD29. SUPPLEMENTAL TOPOGRAPHIC CONTOURS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES. DATE OF SURVEY: APRIL 16, 2018.
  2. 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.
  3. THE 2017 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES. DATE OF SURVEY: AUGUST 11, 2017.
  4. 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.
  5. THE 2019 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES. DATE OF SURVEY: JUNE 28, 2019 AND JULY 23, 2019.
  6. ADDITIONAL AS-BUILT SURVEY INFORMATION FOR THE LEACHATE INTERCEPTION TRENCH WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES. DATE OF SURVEY: FEBRUARY 26, 2015.
  7. LEACHATE PIEZOMETER LOCATIONS PROVIDED BY REPUBLIC SERVICES INC. ON SEPTEMBER 17, 2015.
  8. FINAL CLOSURE BOUNDARY PROVIDED BY REPUBLIC IN EMAIL DATED OCTOBER 15, 2015.
  9. FEATURES, CONTOURS, AND ELEVATIONS OF THESE BASE MAPS ARE APPROXIMATE INDICATIONS OF CURRENT AND FUTURE CONDITIONS.
  10. CONTRACTOR IS RESPONSIBLE FOR INSPECTING WORK AREAS AT PRE-BID SITE WALK AS CURRENT CONDITIONS FOR BIDDING PURPOSES.
  11. CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS OF THESE ELEMENTS PRIOR TO, AND DURING CONSTRUCTION, AND SHALL FINALIZE THE GAS SYSTEM LOCATIONS TO ACCOMMODATE FINAL FIELD CONDITIONS, AS APPROVED BY THE OWNER/ENGINEER.
  12. THE CONTRACTOR SHALL LAY OUT THE PIPE TO CONFORM TO FIELD CONDITIONS. PROVIDE 48" MINIMUM COVER AND 5% MINIMUM SLOPE CROSSING BELOW PERIMETER AND MAIN HAUL ROADS. PROVIDE MINIMUM PIPE DRAINAGE SLOPES OF 3% WITHIN WASTE LIMIT AND 1% OUTSIDE OF WASTE LIMIT. CONTRACTOR RESPONSIBLE FOR CUT (12" MAX), UNLESS OTHERWISE NOTED PER PLAN AND FILL BENEATH PIPE TO ENSURE PROPER DRAINAGE, AS APPROVED BY THE OWNER/ENGINEER.
  13. ALL CONNECTIONS TO EXISTING PIPING SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO BIDDING. SOME CONNECTIONS MAY REQUIRE EXCAVATION.
  14. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL DISCONNECTIONS AND RECONNECTIONS FOR INSTALLATION OF NEW PIPING WHERE NECESSARY.
  15. WORK SHALL NOT VARY FROM DESIGN WITHOUT APPROVAL OF THE ENGINEER. WORK THAT VARIES FROM DESIGN WITHOUT APPROVAL WILL NOT BE PAID FOR.
  16. FORCE MAIN TO BE PRESSURE TESTED IN TRENCH FOR 30 MINUTES AT 4 PSIG AND THEN 30 MINUTES AT 100 PSIG. GREATER THAN 10% PRESSURE DROP OVER 1 HOUR SHALL INDICATE A LEAK EXISTS AND SHALL BE REPAIRED. PIPE SHALL BE TESTED IN SEGMENTS NO LONGER THAN 2000 FEET UNLESS APPROVED BY THE ENGINEER.
  17. ALL PIPING GREATER THAN 6 INCHES IN DIAMETER SHALL BE PRESSURE TESTED FOR 1 HOUR AT 10 PSIG. GREATER THAN 10% DROP IN PRESSURE OVER 1 HOUR SHALL INDICATE A LEAK EXISTS AND SHALL BE REPAIRED. PIPE SHALL BE TESTED IN SEGMENTS NO LONGER THAN 2,000 FEET UNLESS APPROVED BY THE ENGINEER.
  18. CONTRACTOR TO REMOVE AND REUSE EXISTING PIPING AND FITTINGS WHERE APPLICABLE. CAP ALL ABANDONED PIPE. IF ABANDONED PIPE IS HDPE, USE FUSED ON HDPE CAP. IF ABANDONED PIPE IS PVC, USE PVC SCH 40 CAP SECURED WITH SET SCREWS AT 90° AND SILICONE SEALANT AS NECESSARY. ALL EXISTING PIPING THAT IS NOT IN USE, AS DIRECTED BY THE ENGINEER, SHALL BE RELOCATED BY THE CONTRACTOR TO THE ON-SITE STORAGE FACILITY.
  19. CONTRACTOR TO USE FACTORY MOLDED/FABRICATED REDUCER FITTINGS AS NECESSARY.
  20. CONTRACTOR TO PROTECT IN-PLACE THE EXISTING ABOVE AND BELOW GRADE LATERALS DURING CONSTRUCTION. IF EXISTING PIPING NEEDS TO BE RELOCATED TEMPORARILY DURING CONSTRUCTION, THE CONTRACTOR WILL ENSURE CONSTANT SLOPE IS MAINTAINED ON THE PIPE AND THE LATERALS WILL BE RETURNED TO THEIR EXISTING CONDITION FOLLOWING CONSTRUCTION ACTIVITIES.
  21. ELECTROFUSION COUPLERS SHALL NOT BE USED UNLESS APPROVED BY OWNER.
  22. NO ELBOW FITTINGS (90° OR 45°) ARE TO BE USED IN CONDENSATE FORCE MAINS. SWEEPING BENDS AND MOLDED WYES ARE TO BE USED. NO BLIND FLANGES ARE TO BE USED IN CONDENSATE FORCE MAINS.
  23. AIR SUPPLY LINES SHALL BE 2" HDPE SDR-9. CONDENSATE FORCE MAINS SHALL BE 4" HDPE SDR-11.
  24. ALL HEADER AND LATERAL PIPE TO BE HDPE SDR-17 UNLESS OTHERWISE SPECIFIED.

**LEGEND**

- |          |   |           |  |
|----------|---|-----------|--|
| — 1400 — | EXISTING 5' CONTOUR                                 | ⊙ PMP-3   | EXISTING GAS MONITORING PROBE LOCATION           |
| —        | FINAL CLOSURE BOUNDARY                              | ▲ EW20-01 | PROPOSED DUAL GAS/LEACHATE EXTRACTION WELL       |
| —        | EXISTING GAS PIPE, ABOVE GRADE                      | ⊙         | PROPOSED REMOTE WELLHEAD                         |
| —        | EXISTING GAS PIPE, BELOW GRADE                      | —         | PROPOSED REDUCER FITTING                         |
| —        | EXISTING CAPPED PIPE                                | —         | PROPOSED GAS PIPE, ABOVE GRADE                   |
| CAG      | EXISTING CONDENSATE PIPE, ABOVE GRADE               | —         | PROPOSED ROAD CROSSING                           |
| CBG      | EXISTING CONDENSATE PIPE, BELOW GRADE               | —         | PROPOSED CONDENSATE PIPE, ABOVE GRADE            |
| AAG      | EXISTING AIR PIPE, ABOVE GRADE                      | —         | PROPOSED AIR PIPE, ABOVE GRADE                   |
| ABG      | EXISTING AIR PIPE, BELOW GRADE                      | —         | PROPOSED AIR ISOLATION AND BLOW OFF VALVE        |
| EW-22    | EXISTING DUAL CASING GAS/LEACHATE EXTRACTION WELL   | —         | PROPOSED CONDENSATE ISOLATION VALVE AND CLEANOUT |
| —        | EXISTING ROAD CROSSING                              | —         | PROPOSED CONDENSATE CLEANOUT                     |
| ⊙        | EXISTING REMOTE WELLHEAD                            | —         | PROPOSED PUMP INSTALLED IN EXISTING WELL         |
| —        | EXISTING CONTROL VALVE                              | —         |  |
| —        | EXISTING BLIND FLANGE                               | —         |  |
| —        | EXISTING FLANGE CONNECTION                          | —         |  |
| —        | EXISTING REDUCER FITTING                            | —         |  |
| ▲ SUMP   | EXISTING CONDENSATE PUMP STATION                    | —         |  |
| ■ LTS-12 | EXISTING LEACHATE INTERCEPTION TRENCH SUMP          | —         |  |
| ⊙ EW-170 | EXISTING VERTICAL GAS EXTRACTION WELLS, ABOVE GRADE | —         |  |
| ⊕ EW-165 | EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE | —         |  |
| ▲ EW-188 | EXISTING DUAL GAS/LEACHATE EXTRACTION WELL          | —         |  |

CUT AND CAP EXISTING CONDENSATE FORCE MAIN WITH BUTT-FUSED HDPE SDR-11 CAP AT EXISTING WELLS EW18-25, EW18-10, EW18-24, EW19-18, AND EW-170. REPLACE WITH PROPOSED CONDENSATE FORCE MAIN.

**PRELIMINARY - NOT FOR CONSTRUCTION**

REV	DATE	DESCRIPTION	OWN	DES	CHK	APP

DATE OF ISSUE	DRAWN BY	SEY	CHECKED BY	HLV
12/26/2019	DESIGNED BY	GLC	APPROVED BY	PJS



OX MOUNTAIN LANDFILL  
SAN MATEO COUNTY, CALIFORNIA

**2019 PHASE III GCCS IMPROVEMENTS  
GCCS CONSTRUCTION SITE PLAN**

SHEET NO.  
**2**  
PROJECT NO.  
190686

File: \\PROJECTS\OX MOUNTAIN\190686 - 2019 PHASE III GCCS DESIGN\Project Drawings\190686-2019 GCCS IMPROVEMENTS PHASE III.dwg  
 User: SAM\GONNOR Dec 26, 2019 - 4:13pm  
 1" = 1/2" 0"

## **APPENDIX B**

### **BAAQMD CORRESPONDENCE**



October 10, 2019

Ms. Nimrat Sandhu  
Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Well Decommissioning Notification  
Ox Mountain Landfill, Facility A2266  
Title V Permit Condition Number 10164, Part 17

Dear Ms. Sandhu:

Cornerstone Environmental Group, LLC, a Tetra Tech Company (Cornerstone) submits this letter on behalf of Browning-Ferris Industries of California, Inc. (BFI) to notify the Bay Area Air Quality Management District (BAAQMD) of the decommissioning of one vertical landfill gas (LFG) extraction well and one leachate cleanout riser system (LCRS) at the Ox Mountain Landfill (Ox Mountain) pursuant to the Title V Facility Number A2266, Permit Condition Number 10164, Part 17 and Change of Permit Conditions Application Number (A/N) 27710.

In accordance with the approved A/N 27710, Ox Mountain is approved for the installation of up to 100 new vertical LFG extraction wells, 20 horizontal collectors, the decommissioning of up to 150 vertical LFG extraction wells and 15 horizontal collectors, and unlimited vertical well replacements. This notification is being made pursuant to Title V Permit Condition Number 10164, Part 17(b)(iv), which states that the permit holder shall submit notification to the BAAQMD at least three days prior to the startup of a component connected to the gas collection and control system (GCCS) and within three days after the decommissioning of a component connected to the GCCS.

Pursuant to A/N 27710, the following table is a summation of the well actions detailed in this notification letter:

Well ID	Well Action	Date/Time Action Taken
OXEW1708	Vertical Well Decommissioning	October 7, 2019 at 12:45
OXLCRS01	LCRS Decommissioning	October 9, 2019 at 14:32

In accordance with Title V Permit Condition Number 10164 Part 17(b)(vii), if the Permit Holder has a net reduction of more than five components within a 120-day period, the Permit Holder shall submit a more comprehensive decommissioning notification to the BAAQMD. With the decommissioning of the one vertical well and one LCRS, the GCCS at Ox Mountain has not had a net reduction of five or more components within the previous 120-days of these well actions. Therefore, no further details are required with this submittal.

Ms. Nimrat Sandhu  
October 10, 2019

The following table shows the status of decommissions and installations for A/N 27710.

Action	Permitted Actions Per Application Number 27710	Remaining Actions Per Application Number 27710
Vertical Gas Extraction Well Installations	100	26
Horizontal Collector Installations	20	18
Vertical Gas Extraction Well Decommissions	150	92
Horizontal Collector Decommissions	15	9
Vertical Well Replacements	Unlimited	Unlimited

Please note that the number of LCRS connected to the GCCS is not limited by A/N 27710, therefore there is no count of the number of allowable LCRS actions in the above table.

With the decommissioning of one vertical LFG extraction well and one LCRS, there are currently 184 vertical LFG extraction wells, 18 vertical LFG extraction wells that operate less than continuously (LTCO), six horizontal collectors, and six leachate clean-out risers (LCRS) connected to the GCCS at Ox Mountain.

If you have any questions regarding this notification, please do not hesitate to call Suzan Pankenier at (925) 241-1070 or by email at [suzan.pankenier@tetrattech.com](mailto:suzan.pankenier@tetrattech.com).

Sincerely,

**CORNERSTONE ENVIRONMENTAL GROUP, LLC – A TETRA TECH COMPANY**



Meng Yuan  
Environmental Scientist



Suzan Pankenier  
Client Manager

cc: Agustin Moreno, BFI  
Kieran Carroll, BFI  
Jennifer Baker, BEL Engineering

## 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 Source Test Results</b>	Report No.: _____ Test Date: <u>10/16/2019</u> Test Times: Run A: <u>9:30 am</u> Run B: _____ Run C: _____
---	---	---

Source Information		Facility Parameters
<b>GDF Name and Address</b> Ox Mountain Landfill 12310 San Mateo Road Half Moon Bay, CA 94019  <b>Permit Conditions</b> _____	<b>GDF Representative and Title</b>  <b>GDF Phone No.</b>  <b>Source: GDF Vapor Recovery System</b> <b>BAAQMD GDF #</b> _____ <b>BAAQMD A/C #</b> _____	<b>Compartment Size, gallons</b> Compartment #1 <u>1,000</u> Compartment #2 _____ Compartment #3 _____ Manifolder?    Y <input type="checkbox"/> N <input checked="" type="checkbox"/>
<b>Operating Parameters:</b>		
Make and Model of Tank    _____    ConVault	Phase II System Type    _____    Balanced	
Number of Gasoline Nozzles    _____    1	Make and Model of P/V Valve    _____    Husky 5885	
<b>Applicable Regulations: BAAQMD REGULATION 8, RULE 7</b>		FOR OFFICE USE ONLY:

**Source Test Results and Comments:**

**COMPARTMENT #:**

	1	2	3	TOTAL
1. Product Grade	87			
2. Actual Tank Capacity gallons	1,000			
3. Gasoline Volume Gallons	615			
4. Ullage gallons (#2 -#3)	386			
5. Phase I System Type	2 pts			
6. Initial Test Pressure, Inches H <sub>2</sub> O (2.0)	2.00			
7. Pressure After 1 Minute, Inches H <sub>2</sub> O	1.99			
8. Pressure After 2 Minutes, Inches H <sub>2</sub> O	1.98			
9. Pressure After 3 Minutes, Inches H <sub>2</sub> O	1.97			
10. Pressure After 4 Minutes, Inches H <sub>2</sub> O	1.96			
11. Final Pressure After 5 Minutes, Inches H <sub>2</sub> O	1.95			
12. Allowable Final Pressure from Table 38-I	1.12			
13. Test Status [Pass or Fail]	Pass			

Test Conducted by: <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">Adrian Perez</div>	Test Company Name:            TEC ACCUTITE Address:        262 Michelle Court City:            South San Francisco, CA 94080	Date and Time of Test: <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">10/16/2019 @ 9:30 am</div>
--	---	--





October 18, 2019

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

Re: 10/30-Day Title V Follow-Up Notification to Breakdown Relief Request  
Reportable Compliance Activity ID 07P25  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFI), the owner and operator of the Ox Mountain Landfill (Ox Mountain) (Facility Number A2266), submits this 10/30-Day Title V Report as a follow-up to Breakdown Relief Request to the Bay Area Air Quality Management District (BAAQMD) per the requirements of BAAQMD Compliance and Enforcement Breakdown Guidelines Section 1, Part C (Written Report Requirements). On October 9, 2019, there was a site-wide power outage due to the planned Pacific Gas & Electric (PG&E) public safety power shutoff. As a result of the PG&E power outage, all abatement devices onsite were shut down. Pursuant to Title V Permit Condition Number 818 Part 3(a), the GCCS shall remain in continuous operation.

Cornerstone Environmental Group, LLC, a Tetra Tech Company (Cornerstone) personnel notified the BAAQMD of the event upon discovery via phone call to the reporting hotline, followed by the submittal of a Reportable Compliance Activity (RCA) form via email to [rca@baaqmd.gov](mailto:rca@baaqmd.gov) on October 10, 2019. On the same day, the BAAQMD assigned this RCA event identification number 07P25. Please note that at the time of the submittal of the aforementioned form, Yokogawa data for the A-7 and A-9 Flares was not yet available via the remote access system. Once data became available for review, Cornerstone confirmed both of the flares were offline from October 10, 2019 at approximately 00:28 until October 10, 2019 at approximately 18:42. Refer to the attached amended RCA Form for further information.

On October 9, 2019 at approximately 02:00, PG&E requested the shutdown of the Ameresco engine plant; both the A-7 and A-9 Flares were still operating at this time. Both Flares were offline due to the power outage on October 10, 2019 at approximately 00:28. At the time of the shutdown, the valves for Flares A-7 and A-9 automatically closed to ensure no excess emissions occurred. All devices were operating in compliance prior to the loss of power. Operations and maintenance (O&M) personnel were on standby awaiting power restoration by PG&E. The A-7 Flare came back online on October 10, 2019 at approximately 18:42, with the A-9 Flare coming

online shortly after at 21:12. Prior to the restart of the Flares, site O&M personnel completed inspection of the flare station to ensure operation was within normal parameters and confirmed no additional maintenance was required.


Ox Mountain's O&M provider returned to the site on October 14, 2019 to perform routine preventative inspection and maintenance of the blower and flare station. During this inspection, flare operating parameters were checked and an inspection of the flame arrestor, burner tips, blower, and knock out pot (KOP) was conducted. O&M personnel also performed an inspection of the overall integrity of the flare station and noted no further issues.

Lastly, this event was not caused by the failure or breakdown of site equipment, as all equipment was operating within normal parameters and in compliance prior to the voltage surge. BFI has contacted PG&E to retrieve any supporting documents that may provide any additional information regarding the planned shutdown. O&M personnel continue to perform routine inspection and maintenance on the flares to ensure proper operation. It is not believed that excess emissions occurred from the flares during this outage as the system was under vacuum prior to any downtime.

Ox Mountain is committed to operating its systems in compliance with all applicable regulations and will continue to ensure future compliance.

If you have any questions or require additional information, please do not hesitate to contact Kendra Kent at (520) 526-7270 or by email at [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com).

Sincerely,



Agustin Moreno  
Division Manager  
Ox Mountain Landfill

Attachment: Amended RCA Form

cc: Kieran Carroll, IDCC  
Thomas Bruen, Law Office of Thomas M. Bruen, P.C.  
Meng Yuan, Cornerstone  
Suzan Pankenier, Cornerstone  
Kevin Cordes, BAAQMD

**Attachment A**  
**Amended RCA Form 07P25**



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

See back of form for instructions →

1.  **BREAKDOWN RELIEF: District Use Only BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION: District Use Only REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: District Use Only REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): District Use Only PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	International Disposal Corporation of CA	Site #	A2266
Address	12310 San Mateo Road	Source #	A-7, A-9 LFG Flares and Ameresco plant
Reported by	Kieran Carroll	Phone #	(510) 621-8173
Indicated Excess	Site-wide power outage	Fax #	
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	N/A
Start Time/Date	October 10, 2019 at approximately 00:28	Clear Time	October 10, 2019 at approximately 18:42
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ H <sub>2</sub> S
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ TRS
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
		<input checked="" type="checkbox"/> ▶ Other (describe) scfm	

#### Event Description:

The Ox Mountain Landfill and Ameresco Ox Mountain, LLC (Ameresco) submit this RCA/breakdown relief request to the BAAQMD for a site-wide power outage on October 10, 2019 at approximately 00:28 due to the planned Pacific Gas and Electric (PG&E) public safety power shutoff. Power was restored to the facility on October 10, 2019 at approximately 18:42 and operations and maintenance (O&M) personnel inspected and restarted the A-7 and A-9 Flares. Cornerstone personnel notified the BAAQMD of this event via the RCA hotline at (415) 749-4979, as soon as personnel were able to get to a power source. At no point was the facility in a state of non-compliance.

### District Use Only

Received by

Date

Time

### General Instructions

- ✓ Check the Box numbers 1- 4 that apply to the RCA you are trying to report or request and read the detailed instructions.
- ✓ You will receive an ID # for each RCA you submit. In the case of a request for Breakdown Relief where multiple monitors are affected, you do not need to submit multiple forms, as long as all necessary information is given on one form. RCA reported during other than core business hours will be assigned an ID # the following working day. If you do not receive an ID #, it is your responsibility to contact the BAAQMD to get one.
- ✓ You may submit only one request for breakdown relief per form. However, you may submit multiple indicated excess, inoperative monitors and PRD reports on one form, provided that the start and end times given for the events in the required information section is inclusive of all events. Information on parameters exceeded, units of measurement and allowable limits can be provided in the event description box or when contacted by District staff with questions.
- ✓ Fill out the "Site Information and Description Information Required" areas of this form and email to [rca@baaqmd.gov](mailto:rca@baaqmd.gov)
- ✓ **A 30-day written follow-up report is required for Breakdown Requests and PRD Releases.** Reports for these types of RCA must contain a quantification of emissions, the calculations used to derive the emissions, and their duration. Reference [Breakdown Admissions Advisory dated 12/3/04](#). Send 30-day report letters to: BAAQMD Compliance and Enforcement Division, MAILSTOP: RCA 30-DAY REPORT, 375 Beale Street, Ste. 600 San Francisco, CA 94105.  
NOTE: You may have additional report requirements under Title V.

## Detailed Instructions

### **Box 1: To Request Breakdown Relief (Regulations 1-112, 1-113, 1-208, 1-431, 1-432)**

If you have an equipment malfunction (e.g.; breakdown) that leads to the release of air pollutants above the regulatory or your permitted levels, you may request relief from BAAQMD enforcement action.

- Check Box #1.
- **NOTE:** Start and end times given for these events in the required information section must be inclusive of all events.
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- Requests for breakdown relief may not be withdrawn and must be called in or faxed to the BAAQMD immediately upon discovery of an equipment malfunction.
- Receipt of an RCA ID# for a breakdown does not mean relief has been granted. An Inspector will visit your facility to determine compliance.

### **Box 2: Monitor Indicates Excess Emission or Excursion (Regulation 1-522.7, 1-523.3, 1-542)**

When a BAAQMD-required monitor indicates an excess or excursion, you must report it to the BAAQMD.

- Check Box #2.
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- Any excess emission indicated by a CEM or excursion of a parametric monitor, shall be reported to the BAAQMD within 96 hours.
- Area concentration excesses over the limits prescribed in District regulations shall be reported to the BAAQMD within the next normal working day following the examination of data.

### **Box 3: Monitor Is Inoperative (Regulations 1-522, 1-523, 1-530)**

When a BAAQMD-required monitor is inoperative for greater than 24 hours, you must report it to the BAAQMD.

- Check Box #3 only if inoperative for greater than 24 hours.
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- All reports of inoperative monitors must be reported by the following BAAQMD working day and additionally be cleared by a notification of resumption of monitoring. To notify the BAAQMD regarding the resumption of monitoring, do not send in a separate RCA form; call (415) 749-4979 and give the RCA ID #, date, and the time of resumption.
- Inoperative monitors (except parametric monitors) with downtime greater than 15 days must furnish proof of expedited repair in a follow-up report.

### **Box 4: Pressure Relief Device (PRD) Is Released (Regulation 8-28-401)**

When a PRD at your refinery/chemical plant vents to the atmosphere, you must report it to the BAAQMD.

- Check Box #4 only if a pressure relief device is released.
- Separate RCA ID #'s can be applied to monitor(s) affected by a PRD by also checking Box #2 if other monitors record an excess or excursion.
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- All PRD release reports must be reported by the following BAAQMD working day.

Email to ► [rca@baaqmd.gov](mailto:rca@baaqmd.gov) - Telephone ► 415.749.4979 (M-F 8:30 am – 5:00 pm) - After core business hours, email or call ► 415.749.4666

Form Revision Dated: 12-12-18



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

November 1, 2019

Mr. Jeffrey Gove  
Director of Compliance and Enforcement  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: 10-Day Response - Notice of Violation Number A58226  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFI), the owner and operator of Ox Mountain Landfill (Ox Mountain) is submitting this 10-Day Response to Notice of Violation (NOV) Number A58226, which was issued by Bay Area Air Quality Management District (BAAQMD) Inspector, Mr. Kevin Cordes, to Ox Mountain (Facility Number A2266) on October 23, 2019. The NOV was issued as a result of breakdown relief request submitted via Reportable Compliance Activity (RCA) form on October 10, 2019. The request was denied by the BAAQMD for Ox Mountain's gas collection and control system (GCCS) being offline due to Pacific Gas and Electric (PG&E) public safety power shutdown (PSPS) on October 10, 2019.

After receiving notification in the morning on Wednesday, October 9, 2019 of the possible PG&E PSPS, Ox Mountain proactively reached out a representative of the enforcement group at the BAAQMD to seek guidance on how to document these events due to varying protocols enforced by different BAAQMD inspectors. The guidance initially received was that the event was being considered an emergency, which would not be held against the facility. BAAQMD reversed that guidance later the same day.

Our outside legal counsel recently spoke to Joel Freid, BAAQMD staff counsel, and conveyed serious concerns with respect to the fact that the BAAQMD's initial guidance regarding the PG&E PSPS power outage was reversed too late in the afternoon to allow the facility to have an opportunity to seek out and acquire an appropriately sized industrial generator in advance of the power outage. Given that the cause is an externality – a public safety power outage at the hands of PG&E, the northern California power provider – the event qualifies for emergency relief. Mr. Winer, the BAAQMD's inspector initially conveyed that the PG&E shut off event would be considered an emergency. Our counsel conveyed to Mr. Fried that the reversal of that position on the eve of a shutdown was grossly unfair. The issuance of an NOV only compounds

that unfairness. Moreover, the notion that the BAAQMD might assume that Ox Mountain Landfill and other landfill facilities routinely have standby on-site generator capacity in our judgment is both unrealistic and patently unfair for a regulatory agency position.

We also have concerns that the BAAQMD's disparate treatment of power outages appears to be one where the BAAQMD has been fashioning ad hoc rules and compliance directives in the absence of an established rule that has been through a formal rulemaking process. The BAAQMD's practices in determining to issue or not issue NOVs, whether or not based on a policy or an amended policy, written or unwritten, are the type and kind of rules affecting the regulated community that should be the subject of a formal rulemaking process. In this way, the public and persons subject to the rules are afforded the opportunity to comment and shape development of any final agency action.

#### **NOV Number A58226**

NOV Number A58226 was issued for an alleged violation of BAAQMD Regulation 2, Rule 6, Section 307, due to a PG&E public safety power outage that occurred on October 10, 2019. At approximately 00:28 PG&E implemented planned public safety power outage which included the Ox Mountain facility. This resulted in the A-7 and A-9 Flares automatically shutting down. The power outage also affected the operations Ameresco Landfill Gas to Energy (LFGTE) facility that also utilizes landfill gas from the Ox Mountain GCCS. A combined 10- and 30-Day Title V Follow-Up Notification was submitted to the BAAQMD on October 18, 2019 for RCA number 07P25. The 10/30 Day Title V Letter is included in the attachments.

Power was restored to Ox Mountain on October 10, 2019 at approximately 18:42. Following the restoration of power, all systems were inspected to ensure all devices were in working order prior to bring the A-7 and A-9 Flares back online. Additionally, the GCCS shut down as designed, eliminating any potential excess emissions from the system during the brief time it was offline.

#### **Conclusion**

Although an RCA was submitted for the power outage event, BFI did not believe that filing for breakdown relief was the appropriate measure, as there was no "breakdown" of any control device. The RCA was submitted out of an abundance of caution as previously instructed by BAAQMD inspectors. BFI respectfully requests NOV A58226 be rescinded as the events were previously self-reported and the outages were results of events outside of the control of BFI. Additionally, in light of the issuance of NOV A58226 for an event that was outside of the control of BFI operations, BFI respectfully requests a meeting with the BAAQMD to discuss GCCS downtime conditions to ensure continued compliance and to avoid potential future NOVs. BFI is available for this meeting at the BAAQMD's earliest convenience. BFI is vigilant about ensuring the GCCS at the landfill is operated in compliance with applicable regulations and permit conditions.

Mr. Jeffery Gove  
November 1, 2019  
Page 3

If you have any questions, please do not hesitate to contact us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kieran Carroll", with a long horizontal flourish extending to the right.

Kieran Carroll  
Environmental Manager  
Ox Mountain Landfill

Attachment: Attachment A: NOV Number A58226

cc: Agustin Moreno, Ox Mountain  
David Burt, Republic  
Judith George, Republic  
Niki Wuestenberg, Republic  
Thomas M. Bruen, Law Office of Thomas M. Bruen, P.C.  
Scott W. Gordon, Law Offices of Scott W. Gordon, P.C.  
Kendra Kent, Cornerstone  
Kevin Cordes, BAAQMD



Attachment A  
NOV Number A58226



# NOTICE OF VIOLATION

No. **A 58226**

ISSUED TO: Browning-Ferris Industries of CA  P  G  N# A2266  
 ADDRESS: 12315 San Mateo Rd  
 CITY: Half Moon Bay STATE: CA ZIP: 94019  
 PHONE: ( 650 ) 713-3620  
 N# Mailing Address on F61

**OCCURRENCE**  
 NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  Same As Above  
 CITY: \_\_\_\_\_ ZIP: \_\_\_\_\_  
 SOURCE: S# 1 NAME: \_\_\_\_\_  
 EMISSION PT: P# \_\_\_\_\_ NAME: \_\_\_\_\_  
 DATE: 10/10/19 TIME: 0028 HRS

<input type="checkbox"/> REG 2 RULE 1 SEC 301 No Authority to Construct	<input type="checkbox"/> REG 2 RULE 1 SEC 302 No Permit to Operate
<input type="checkbox"/> REG 1 SEC 301 H & S CODE - 41700 Public Nuisance	<input checked="" type="checkbox"/> REG 2 RULE <u>6</u> SEC 307 Failure to Meet Permit Condition
<input type="checkbox"/> REG 5 SEC 301 Prohibited Open Burning	<input type="checkbox"/> REG 6 RULE 1 SEC 301 Excessive Visible Emissions
<input checked="" type="checkbox"/> REG <u>8</u> RULE <u>34</u> SECTION <u>301.1</u> CODE _____	
<input checked="" type="checkbox"/> REG <u>CCR17</u> RULE _____ SECTION <u>95464(b)(1)(4)</u> CODE _____	

Details: failure to continuously operate GCCS

RECIPIENT NAME: Agustin Margno  
 TITLE: Division Manager

SIGNING THIS NOTICE IS NOT AN ADMISSION OF GUILT

→ WITHIN 10 DAYS, RETURN A COPY OF THIS NOTICE WITH A WRITTEN DESCRIPTION OF THE IMMEDIATE CORRECTIVE ACTION YOU HAVE TAKEN TO PREVENT CONTINUED OR RECURRENT VIOLATION. **THIS VIOLATION IS SUBJECT TO SUBSTANTIAL PENALTY.** YOUR RESPONSE DOES NOT PRECLUDE FURTHER LEGAL ACTION.

ISSUED BY: Kevin Cordes INSP # 861  
 DATE: 10/23/19 TIME: 1014 HRS  MAILED

**PLEASE PRESS HARD**

Continued On Reverse



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

November 7, 2019

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

*Submitted via email to:*  
[jgove@baaqmd.gov](mailto:jgove@baaqmd.gov)  
[rca@baaqmd.gov](mailto:rca@baaqmd.gov)  
[compliance@baaqmd.gov](mailto:compliance@baaqmd.gov)

Re: 10-Day Title V Report  
Reportable Compliance Activity (RCA) ID 07P69  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFI), the owner and operator of Ox Mountain Landfill (Ox Mountain) is submitting this 10-Day Title V Report to the Bay Area Air Quality Management District (BAAQMD) to satisfy the written 10-day notification requirement per Title V Permit Standard Condition I.F (Monitoring Reports). We believe the Reportable Compliance Activity Report (RCA) submitted on October 28, 2019 satisfies the 10-day reporting requirement, however this Title V Report is being submitted out of an abundance of caution. Pursuant to Title V Permit Condition Number 10164 Part 18(a), the gas collection and control system (GCCS) shall be operated continuously.

On October 25, 2019 Ox Mountain was notified of a potential public safety power shutdown (PSPS) loss of power over the weekend by Pacific Gas and Electric (PG&E). The facility proactively tried to locate and rent an emergency generator in order to maintain their GCCS in the event a loss of power should occur; however, the last CAT generators located were rented by PG&E and no other generators were available in the area. On October 26, 2019 at approximately 20:04, the Ox Mountain gas collection and control system (GCCS) was shut down due to a planned Pacific Gas and Electric (PG&E) public safety power shutdown (PSPS). This resulted in the A-7 and A-9 Flares automatically shutting down. The power outage also affected the operations of the Ameresco Landfill Gas to Energy (LFGTE) facility that also utilizes landfill gas (LFG) from the Ox Mountain GCCS.

Power was restored to Ox Mountain on October 28, 2019 at approximately 15:31. Following the restoration of power, all systems were inspected to ensure all devices were in working order prior to bring the A-7 and A-9 Flares back online. Additionally, the GCCS shut down as designed, eliminating any potential excess emissions from the system during the brief time it was offline. Tetra Tech personnel completed a submittal of a Reportable Compliance Activity (RCA) form via email to [rca@baaqmd.gov](mailto:rca@baaqmd.gov) on October 28, 2019. BAAQMD assigned this RCA event identification number 07P69. Refer to the attached RCA Form for further information.

On October 25, 2019, the Governor of the State of California, Gavin Newsom, issued a Proclamation of a State of Emergency regarding significant wind events in California, resulting in statewide red flag warnings due to extremely dangerous fire weather conditions. Additionally, PG&E has been conducting PSPS's due to extreme weather conditions to prevent additional fires. On October 26, 2019, PG&E issued a PSPS alert for Ox Mountain and the surrounding areas due to extreme wind conditions. Ox Mountain was located in an area effected by high winds and PSPS outages through October 28, 2019. Refer to Attachment B, PG&E Potential PSPS Area Map and Press Release, for further detail. Once power was restored, O&M personnel again inspected all systems of the A-7 and A-9 Flares, in accordance with Ox Mountain's Start-Up, Shutdown, and Malfunction Plan (SSMP) to ensure all systems and devices were in working order.

As stated in our letter regarding Notice of Violation (NOV) Number A58226 submitted to the BAAQMD on November 1, 2019, given that the cause is an externality – a public safety power outage at the hands of PG&E, the northern California power provider – the event qualifies for emergency relief. We have also stated our concerns that the BAAQMD's disparate treatment of power outages appears to be one where the BAAQMD has been fashioning ad hoc rules and compliance directives in the absence of an established rule that has been through a formal rulemaking process. The BAAQMD's practices in determining to issue or not issue NOVs, whether or not based on a policy or an amended policy, written or unwritten, are the type and kind of rules affecting the regulated community that should be the subject of a formal rulemaking process. In this way, the public and persons subject to the rules are afforded the opportunity to comment and shape development of any final agency action.

Although the RCA was submitted for an excursion associated with the power outage event, BFI did not believe that filing for breakdown relief or the excursion was the appropriate measure, as there was no "breakdown" of any control device. The RCA was submitted out of an abundance of caution as previously instructed by BAAQMD inspectors. BFI respectfully requests that the BAAQMD grant Ox Mountain breakdown relief for this event until such time a meeting with the BAAQMD can be setup to discuss GCCS downtime conditions to ensure continued compliance and to avoid potential future NOVs. As always, BFI is available for this meeting at the BAAQMD's earliest convenience. BFI is vigilant about ensuring the GCCS at Ox Mountain is operated in compliance with applicable regulations and permit conditions.

Mr. Jeffery Gove  
November 7, 2019  
Page 3

Sincerely,

Kieran Carroll  
Environmental Manager  
Ox Mountain Landfill

Enclosures:                    Attachment A – RCA Form 07P69  
   Attachment B – PG&E PSPS Area Map and Press Release

cc:

Agustin Moreno, Ox Mountain

David Burt, Republic

Judith George, Republic

Niki Wuestenberg, Republic

Thomas M. Bruen, Law Office of Thomas M. Bruen, P.C.

Scott W. Gordon, Law Offices of Scott W. Gordon, P.C.

Kendra Kent, Tetra Tech

Suzan Pankenier, Tetra Tech

Kevin Cordes, BAAQMD

Attachment A  
RCA Form 07P69



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

[See back of form for instructions](#) →

1.  **BREAKDOWN RELIEF: *District Use Only* BREAKDOWN REFERENCE #:**

2.  **MONITOR EXCESS EMISSION or EXCURSION: *District Use Only* REFERENCE #:**

3.  **MONITOR IS INOPERATIVE: *District Use Only* REFERENCE #:**

4.  **PRESSURE RELIEF DEVICE (PRD): *District Use Only* PRD REFERENCE #:**

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	International Disposal Corporation of CA	Site #	A2266
Address	12310 San Mateo Road	Source #	A-7, A-9 LFG Flares
Reported by	Kieran Carroll	Phone #	(510) 621-8173
Indicated Excess	Site-wide power outage	Fax #	
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	43.45 hours
Start Time/Date	October 26, 2019 at approximately 20:00	Clear Time	October 28, 2019 at approximately 15:31
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input checked="" type="checkbox"/> ▶ Other (describe) scfm

#### Event Description:

The Ox Mountain Landfill submits this RCA to the BAAQMD for a site-wide power outage on October 26, 2019 at approximately 20:04 due to the planned Pacific Gas and Electric (PG&E) public safety power shutoff. Power was restored on October 28, 2019 and the A-9 Flare began operating again at approximately 15:31. At no point was the facility in a state of non-compliance.

#### *District Use Only*

Received by

Date

Time

### General Instructions

Attachment B  
PG&E PSPS Area Map and Press Release



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## News Releases

[View All News Releases](#)

### UPDATE: Potential PSPS Impact Zone Expands by 90,000 Customers

**Total Projected Impact Now 940,000 Customer Across 36 Counties Beginning Saturday Afternoon; Customers Encouraged to Use Online Address Look-up Tool to Confirm If They Will Be Impacted; Historic Wind Event Forecast to Cause Dangerous Conditions Until Midday Monday**

**Release Date:** October 26, 2019

**Contact:** PG&E External Communications (415) 973-5930

**SAN FRANCISCO, Calif.** — Due to weather forecasts indicating potential for a historic wind event this weekend, Pacific Gas and Electric Company (PG&E) confirmed it will implement a Public Safety Power Shutoff (PSPS) affecting approximately 940,000 customers—an increase of about 90,000 from previous estimates—in portions of 36 counties. Widespread dry, hot and windy weather is expected to begin impacting the service area today between 6 p.m. and 10 p.m. and through midday Monday.

As this weather system sweeps from north to south over a period of two to three days, PG&E customers across Northern and Central California will feel the effects of hot, dry winds at different times, which means outage times will vary as well.

Customers are encouraged to visit [www.pge.com/eventmaps](http://www.pge.com/eventmaps) and use the address look up tool to confirm if they will be impacted by this PSPS event.

#### Power Will Be Turned Off in Phases

The PSPS will occur in six phases, times may change (earlier or later) dependent on weather. The first phase will begin about **2 p.m. on Saturday, October 26**. Customer impacts will include these counties: Amador, Butte, Colusa, El Dorado, Glenn, Nevada, Placer, Plumas, San Joaquin, Sierra, Siskiyou, Shasta, Tehama and Yuba.

The second phase will occur around **4 p.m. on Saturday, October 26**, impacting customers in the following counties: Lake, Marin, Mendocino (south), Napa, Solano, Sonoma and Yolo.

Phase three will begin about **5 p.m. Saturday, October 26**, impacting customers in these counties: Alameda, Contra Costa, Monterey, San Benito, San Mateo, Santa Clara, Santa Cruz and Stanislaus.

Phase four will begin about **5 p.m. Saturday, October 26**, impacting customers in these counties: Alpine, Calaveras, Mariposa and Tuolumne.

Phase five begin about **5 p.m. Saturday, October 26**, impacting customers in these counties: Humboldt, Mendocino (north) and Trinity.

The sixth and final phase is scheduled to begin **10 a.m., Sunday, October 27**, impacting customers in Kern County.

The power will be turned off to communities in stages, depending on local timing of the severe wind conditions.

## OCTOBER 26 PSPS EVENT

The times below are estimates and may change (earlier or later) dependent on weather.

PHASE	TIME/DATE	COUNTIES
1	2 P.M. Saturday, Oct. 26	Amador, Butte, Colusa, El Dorado, Glenn, Nevada, Placer, Plumas, San Joaquin, Sierra, Siskiyou, Shasta, Tehama, Yuba
2	4 P.M. Saturday, Oct. 26	Lake, Marin, Mendocino (south), Napa, Solano, Sonoma, Yolo
3	5 P.M. Saturday, Oct. 26	Alameda, Contra Costa, Monterey, San Benito, San Mateo, Santa Clara, Santa Cruz, Stanislaus
4	5 P.M. Saturday, Oct. 26	Alpine, Calaveras, Mariposa, Tuolumne
5	5 P.M. Saturday, Oct. 26	Humboldt, Mendocino (north), Trinity
6	10 A.M. Sunday, Oct. 27	Kern

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[Investor Relations](#)

[Corporate Responsibility and Sust Report](#)

[Electric Power Mix](#)

[PG&E Currents News Site](#)

## Energy Facts

By going solar, you can offset more pound of CO<sub>2</sub> each solar kilowatt ho

"This wind event is forecast to be the most serious weather situation that Northern and Central California has experienced in recent memory. We understand the widespread impacts this Public Safety Power Shutoff will have across Northern and Central California. We would only take this decision for one reason – to help reduce catastrophic wildfire risk to our customers and communities. There is no compromising the safety of our customers, which is our most important responsibility," said Michael Lewis, PG&E's senior vice president of Electric Operations.

### Customer Notifications and Impact

In most cases, the company has notified potentially impacted customers at 48 hours, 24 hours and just before the de-energization. However, customers not impacted by the PSPS, including those not within high fire-risk areas, may experience power outages due to PG&E equipment damaged during this major wind event. Those customers will not be notified in advance.

It is very possible customers may be affected by a power shutoff even though they are not experiencing extreme weather conditions in their specific location. This is because the electric system relies on power lines working together to provide electricity across cities, counties and regions.

The impacted counties, cities and communities are listed below. Customers can go to [pge.com/pspsupdates](http://pge.com/pspsupdates) to look up individual addresses to see if they are impacted by this event.

County	Customers	Cities or unincorporated areas with some customers potentially impacted
Alameda	Total: 57,360	Albany, Berkeley, Canyon, Castro Valley
	Medical Baseline: 1,297	Dublin, Fremont, Hayward, Livermore Oakland, Piedmont, Pleasanton, San Leandro, Sunol
Alpine	Total: 66	
	Medical Baseline: 0	Bear Valley
Amador	Total: 19,909	Amador City, Drytown, Fiddletown, Ione, Jackson, Martell, Pine Grove, Pioneer,
	Medical Baseline: 974	Plymouth, River Pines, Sutter Creek, Volcano
Butte	Total: 19,152	Bangor, Berry Creek, Brush Creek, Butte Meadows, Chico, Clipper Mills, Cohasset,
	Medical	Feather Falls, Forbestown, Forest Ranch,

	Baseline: 1,398	Magalia, Oroville, Palermo, Paradise, Rackerby, Stirling City, Yankee Hill
Calaveras	Total: 30,819 Medical Baseline: 1,398	Angels Camp, Arnold, Avery, Burson, Camp Connell, Campo Seco, Copperopolis, Dorrington, Douglas Flat, Glencoe, Hathaway Pines, Mokelumne Hill, Mountain Ranch, Murphys, Rail Road Flat, San Andreas, Sheep Ranch, Tamarack, Vallecito, Valley Springs, Wallace, West Point, White Pines, Wisleyville
Colusa	Total: 64 Medical Baseline: 2	Arbuckle, Maxwell, Sites, Williams
Contra Costa	Total: 48,058 Medical Baseline: 1,584	Alamo, Antioch, Brentwood, Byron, Canyon, Clayton, Concord, Crockett, Danville, Diablo, El Cerrito, El Sobrante, Hercules, Kensington, Knightsen, Lafayette, Martinez, Moraga, Orinda, Pinole, Pittsburg, Pleasant Hill, Port Costa, Richmond, Rodeo, San Pablo, San Ramon, Walnut Creek
El Dorado	Total: 56,643 Medical Baseline: 2,774	Cameron Park, Camino, Cold Springs, Coloma, Cool, Diamond Springs, El Dorado Hills, Fair Play, Garden Valley, Georgetown Greenwood, Grizzly Flats, Kelsey, Kyburz, Lotus, Mount Aukum, Pacific House, Pilot Hill, Placerville, Pollock Pines, Rescue, Shingle Springs, Somerset, Twin Bridges
Glenn	Total: 43 Medical Baseline: 2	Orland, Willows
Humboldt	Total: 66,870 Medical Baseline: 2,084	Alderpoint, Alton, Arcata, Bayside, Blocksburg Blue Lake, Bridgeville, Carlotta, Eureka, Fernbridge, Ferndale, Fieldbrook, Fields, Landing, Fortuna, Garberville, Honeydew, Hoopa, Hydesville, Kneeland, Korbel, Loleta Mania, Mckinleyville, Miranda, Myers Flat, Orick, Orleans, Phillipsville, Redcrest, Rio Dell, Samoa, Scotia, Trinidad, Weitchpec, Weott, Willow Creek
Kern	Total: 839 Medical Baseline: 27	Arvin, Bakersfield, Lebec, Grapevine

Lake	Total: 37,441 Medical Baseline: 2,170	Clearlake, Clearlake Oaks, Clearlake Park, Cobb, Finley, Glenhaven, Hidden Valley Lake, Kelseyville, Lakeport, Loch Lomond, Lower Lake, Lucerne, Middletown, Nice, Upper Lake, Witter Springs
Marin	Total: 118,535 Medical Baseline: 2,084	Belvedere, Bolinas, Corte Madera, Dillon Beach, Fairfax, Fallon, Forest Knolls, Greenbrae, Inverness, Kentfield, Lagunitas, Larkspur, Marshall, Mill Valley, Muir Beach, Nicasio, Novato, Olema, Point Reyes Station, Ross, San Anselmo, San Geronimo, San Rafael, Sausalito, Stinson Beach, Tiburon, Tomales, Woodacre
Mariposa	Total: 809 Medical Baseline: 42	Coulterville, Greeley Hill
Mendocino	Total: 38,433 Medical Baseline: 1,342	Albion, Boonville, Branscomb, Cummings, Dos Rios, Elk, Gualala, Hopland, Laytonville, Leggett, Little River, Manchester, Philo, Piercy, Point Arena, Potter Valley, Redwood Valley, Ukiah, Westport, Willits, Yorkville
Monterey	Total: 9,987 Medical Baseline: 251	Aromas, Salinas
Napa	Total: 17,878 Medical Baseline: 498	Angwin, Calistoga, Deer Park, Lake Berryessa, Oakville, Pope Valley, Rutherford, St Helena, Yountville
Nevada	Total: 43,211 Medical Baseline: 1,822	Chicago Park, Grass Valley, Nevada City, Norden, North San Juan, Penn Valley, Rough And Ready, Smartsville, Soda Springs, Washington
Placer	Total: 31,277 Medical Baseline: 1,275	Alta, Applegate, Auburn, Baxter, Emigrant Gap, Foresthill, Gold Run, Granite Bay, Loomis, Meadow Vista, Newcastle, Penryn, Weimar
Plumas	Total: 785 Medical	Belden, La Porte, Quincy, Storrie, Twain

	Baseline: 6	
	Total: 1,369	
San Benito	Medical Baseline: 39	Aromas, Hollister, San Juan Bautista
	Total: 375	
San Joaquin	Medical Baseline: 5	Linden
	Total: 57,218	Belmont, Burlingame, Daly City, El Granada, Emerald Hills, Half Moon Bay, Hillsborough, La Honda, Loma Mar, Montara, Moss Beach, Pacifica, Pescadero,
San Mateo	Medical Baseline: 1,158	Portola Valley, Redwood City, San Bruno, San Carlos, San Gregorio, San Mateo, South San Francisco, Woodside, Unincorporated Communities in Southwest San Mateo County
	Total: 27,094	
Santa Clara	Medical Baseline: 823	Coyote, Cupertino, Gilroy, Los Altos, Los Altos Hills, Los Gatos, Monte Sereno, Morgan Hill, Redwood Estates, San Jose, San Martin
	Total: 44,942	
Santa Cruz	Medical Baseline: 2,095	Aptos, Ben Lomond, Brookdale, Capitola, Corralitos, Felton, Freedom, La Selva Beach, Mount Hermon, Santa Cruz, Scotts Valley, Soquel
	Total: 28,403	
Shasta	Medical Baseline: 1,659	Anderson, Bella Vista, Big Bend, Cottonwood, French Gulch, Igo, Lakehead, Millville, Montgomery Creek, Oak Run, Ono, Palo Cedro, Platina, Round Mountain, Shingletown, Whiskeytown, Whitmore
	Total: 1,159	
Sierra	Medical Baseline: 14	Alleghany, Downieville, Goodyears Bar, Pike City, Sierra City
	Total: 51	
Siskiyou	Medical Baseline: 0	Somes Bar
Solano		Fairfield, Suisun City, Vacaville, Vallejo

	Total: 25,524 Medical Baseline: 1,158	
Sonoma	Total: 95,647 Medical Baseline: 2,941	Annapolis, Bodega, Bodega Bay, Camp Meeker, Cazadero, Cloverdale, Cotati, Duncans Mills, Forestville, Freestone, Geyserville, Glen Ellen, Graton, Guerneville, Healdsburg, Jenner, Kenwood, Larkfield, Monte Rio, Occidental, Penngrove, Petaluma, Rio Nido, Rohnert Park, Sebastopol, Stewarts Point, Valley Ford, Villa Grande, Windsor
Stanislaus	Total: 163 Medical Baseline: 2	Knights Ferry, Oakdale, Patterson, Westley
Tehama	Total: 19,238 Medical Baseline: 1,218	Corning, Flournoy, Gerber, Los Molinos, Manton, Mill Creek, Mineral, Paskenta, Paynes Creek, Proberta, Red Bluff, Vina
Trinity	Total: 1,046 Medical Baseline: 39	Del Loma, Hawkins Bar
Tuolumne	Total: 33,776 Medical Baseline: 1,790	Big Oak Flat, Chinese Camp, Columbia, Groveland, Jamestown, Long Barn, Mi Wuk Village, Pinecrest, Sonora, Soulsbyville, Strawberry, Twain Harte
Yolo	Total: 530 Medical Baseline: 15	Brooks, Capay, Esparto, Guinda, Rumsey, Winters
Yuba	Total: 5,502 Medical Baseline: 313	Browns Valley, Camptonville, Dobbins, Loma Rica, Oregon House, Strawberry Valley, Wheatland

**Estimated Time of Restoration**

Predictive data models indicate the weather event could be the most powerful to hit California in decades, with widespread dry northeast winds between 45-60 mph and peak gusts of 60-70 mph in the higher elevations.

Winds of this magnitude pose a higher risk of damage and sparks on the electric system and rapid wildfire spread. The fire risk is even higher because vegetation on the ground has been dried out by recent wind events.

Before restoring power, PG&E must inspect its equipment for damage and make any necessary repairs. That process cannot begin until the severe weather event has subsided.

Given the prolonged period during which the wind event will unfold, and the large number of power line miles that will need to be inspected before restoration, customers are being asked to prepare for an extended outage of at least two days once the severe weather has passed.

PG&E will work with state and local agencies to provide updated restoration timelines following the conclusion of the severe weather event.

#### **Customer Resources**

PG&E is opening 56 Community Resource Centers in areas where power will be shut off, and we are looking to add more. These centers will remain open in impacted areas throughout the PSPS to provide water, phone charging stations, air-conditioned seating for up to 100 people and restrooms. To view the current list, [click here](#).

During the PSPS, customers in impacted areas will not be billed. PG&E has paused disconnection and collection activities in these areas.

Customers can visit [pge.com/pspsupdates](http://pge.com/pspsupdates) for more information.

#### **How Customers Can Prepare**

In addition, PG&E is asking customers to:

- Update your contact information by calling [1-866-743-6589](tel:1-866-743-6589). PG&E will use this information to alert customers through automated calls, texts, and emails, when possible, before and during a Public Safety Power Shutoff.

- Plan for medical needs like medications that require refrigeration or devices that need power.

- Identify backup charging methods for phones and keep hard copies of emergency numbers.

- Build or restock your emergency kit with flashlights, fresh batteries, first aid supplies and cash.



Keep in mind family members who are elderly, younger children and pets.

Learn more about wildfire risk and what to do before, during and after an emergency to keep your family safe at [PG&E's Safety Action Center](#).

While customers in high fire-threat areas are more likely to be affected by a Public Safety Power Shutoff event, any of PG&E's more than five million electric customers could have their power shut off for safety because the energy system relies on power lines working together to provide electricity across cities, counties and regions.

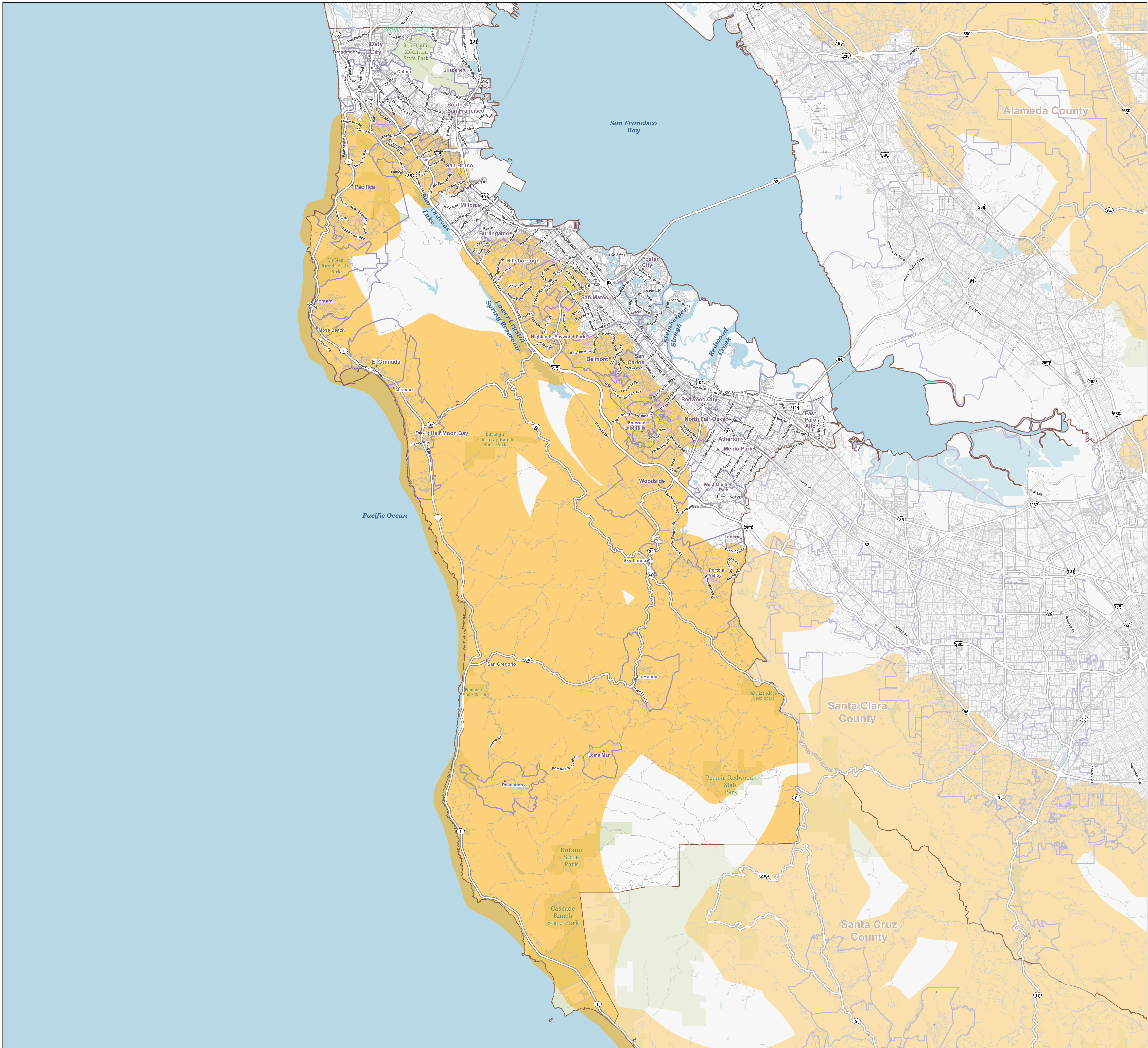
## About PG&E

Pacific Gas and Electric Company, a subsidiary of [PG&E Corporation](#) (NYSE:PCG), is one of the largest combined natural gas and electric energy companies in the United States. Based in San Francisco, with more than 20,000 employees, the company delivers some of the nation's cleanest energy to nearly 16 million people in Northern and Central California. For more information, visit [pge.com](#) and [pge.com/news](#).

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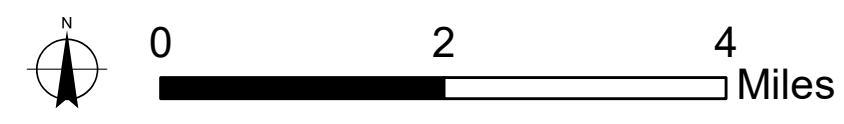
"PG&E" refers to Pacific Gas and Electric Company, a subsidiary of PG&E Corporation. © 2019 Pacific Gas and Electric





**San Mateo County**  
**PSPS Circuits BaseLine 0715 2100 Buffer**

- Affected Areas
- County Boundary
- Park, Monument, National Forest
- US Census Community (2010)
- Highway
- Major Road
- Minor Road
- Railroad
- Ox Mountain Landfill



Last Updated  
 July 30, 2019  
 2:12 PM



Information contained in these documents is for preparedness and planning purposes only. Actual outage areas for an event will be based on conditions existing during the particular event. The scope of PSPS events can potentially impact any customer within Pacific Gas and Electric's service territory.

\\gisprod01\gisdata\basedata\emergency\_response\2019\PSPS\ArcMap\county\_overview.mxd



November 7, 2019

Ms. Nimrat Sandhu  
Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Well Decommissioning Notification  
Ox Mountain Landfill, Facility A2266  
Title V Permit Condition Number 10164, Part 17

Dear Ms. Sandhu:

Tetra Tech BAS, Inc. (Tetra Tech) submits this letter on behalf of Browning-Ferris Industries of California, Inc. (BFI) to notify the Bay Area Air Quality Management District (BAAQMD) of the decommissioning of one vertical landfill gas (LFG) extraction well at the Ox Mountain Landfill (Ox Mountain) (Facility Number A2266) pursuant to the Title V Permit Condition Number 10164, Part 17 and Change of Permit Conditions Application Number (A/N) 27710.

In accordance with the approved A/N 27710, Ox Mountain is approved for the installation of up to 100 new vertical LFG extraction wells, 20 horizontal collectors, the decommissioning of up to 150 vertical LFG extraction wells and 15 horizontal collectors, and unlimited vertical well replacements. This notification is being made pursuant to Title V Permit Condition Number 10164, Part 17(b)(iv), which states that the permit holder shall submit notification to the BAAQMD at least three days prior to the startup of a component connected to the gas collection and control system (GCCS) and within three days after the decommissioning of a component connected to the GCCS.

Pursuant to A/N 27710, the following table is a summation of the well action detailed in this notification letter:

Well ID	Well Action	Reason/Comment	Date/Time Action Taken
OXEW1814	Vertical Well Decommissioning	Poor gas quality.	November 4, 2019 at 11:05

In accordance with Title V Permit Condition Number 10164 Part 17(b)(vii), if the Permit Holder has a net reduction of more than five components within a 120-day period, the Permit Holder shall submit a more comprehensive decommissioning notification to the BAAQMD. With the decommissioning of one vertical well, the GCCS at Ox Mountain has not had a net reduction of five or more components within the previous 120-days of these well actions. Therefore, no further details are required with this submittal.

Ms. Nimrat Sandhu  
November 7, 2019

The following table shows the status of decommissions and installations for A/N 27710.

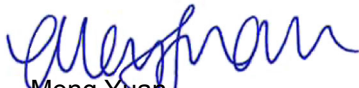
Action	Permitted Actions Per Application Number 27710	Remaining Actions Per Application Number 27710
Vertical Gas Extraction Well Installations	100	26
Horizontal Collector Installations	20	18
Vertical Gas Extraction Well Decommissions	150	91
Horizontal Collector Decommissions	15	8
Vertical Well Replacements	Unlimited	Unlimited

With the decommissioning of one vertical LFG extraction well, there are currently 183 vertical LFG extraction wells, 18 vertical LFG extraction wells that operate less than continuously (LTCO), six horizontal collectors, and six leachate clean-out risers (LCRS) connected to the GCCS at Ox Mountain.

If you have any questions regarding this notification, please do not hesitate to call Kendra Kent at (520) 526-7270 or by email at [kendra.kent@tetratech.com](mailto:kendra.kent@tetratech.com).

Sincerely,

**TETRA TECH BAS, INC.**

  
Meng Yuan  
Environmental Scientist

  
Kendra Kent  
Project Manager

cc: Agustin Moreno, BFI  
Kieran Carroll, BFI  
Jennifer Baker, BEL Engineering



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

November 26, 2019

Mr. Jeffrey Gove  
Director of Compliance and Enforcement  
Bay Area Air Quality Management District  
Attn: RCA 30-Day Report  
Attn: Title V Reports  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Submitted via email to:

[jgove@baaqmd.gov](mailto:jgove@baaqmd.gov)  
[compliance@baaqmd.gov](mailto:compliance@baaqmd.gov)

Re: 30-Day Breakdown Follow-Up Letter  
30-Day Title V Report  
Reportable Compliance Activity ID 07P69  
Ox Mountain Landfill, Half Moon Bay, California  
Facility Number A2266

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFI), the owner and operator of Ox Mountain Landfill (Ox Mountain) is submitting this Combined 30-Day Breakdown Follow-up Letter and 30-Day Title V Report to the Bay Area Air Quality Management District (BAAQMD) per the requirements of BAAQMD Compliance and Enforcement Breakdown Guidelines Section 1, Part C (Written Report Requirements) and Title V Permit Condition Section I.F (Monitoring Reports). Pursuant to Title V Permit Condition Number 10423 Part 6, the GCCS shall remain in continuous operation.

On October 28, 2019, IDCC submitted a Reportable Compliance Activity (RCA) form to the BAAQMD to report an unplanned shutdown of the gas collection and control system (GCCS) at Ox Mountain due to a power outage caused by the Pacific Gas and Electric (PG&E) Public Safety Power Shutoff (PSPS) that occurred from October 26, 2019 at approximately 20:04 to October 28, 2019 at approximately 15:31. However, upon obtaining the Ameresco Landfill Gas to Energy (LFGTE) facility startup, shutdown, and malfunction (SSM) log, it appears that the Ameresco LFGTE facility began operating again at approximately 15:42, thus ending GCCS downtime. Therefore, the RCA has been amended with a revised time, and the amended RCA form is

included in Attachment A of this submittal. On October 28, 2019, the BAAQMD issued RCA Number 07P69 for the event. On November 7, 2019, BFI submitted a 10-Day Title V Report for RCA ID 07P69 out of an abundance of caution, as BFI believes the RCA submitted on October 28, 2019 satisfied the 10-day reporting requirement.

On October 25, 2019, the Governor of the State of California, Gavin Newsom, issued a Proclamation of a State of Emergency regarding significant wind events in California, resulting in statewide red flag warnings due to extremely dangerous fire weather conditions. Additionally, PG&E, the utility provider for Ox Mountain, has been conducting Public Safety Power Shutdowns (PSPS) due to extreme weather conditions to prevent additional fires. On October 26, 2019 at approximately 20:04, the A-7 Flare, A-9 Flare, and Ameresco Landfill Gas to Energy (LFGTE) facility shut down due to the PG&E PSPS event caused by extreme weather conditions that could potentially lead to wildfires. The PSPS events occur at the sole discretion of PG&E, outside of our control, and thus this event qualifies for emergency relief. Refer to Attachment A, PG&E Potential PSPS Area Map, for further detail.

Power was restored to the site on October 28, 2019, at approximately 15:42. Temperature and flow records for the A-7 and A-9 flares are included in Attachment B of this submittal. Following the power restoration, Tetra Tech operations and maintenance (O&M) personnel were onsite on November 1, 2019 to perform inspection and maintenance of the GCCS in accordance with Ox Mountain's Start-Up, Shutdown, and Malfunction Plan (SSMP) to ensure all systems and devices were in working order. Copies of the flare inspection logs are included in Attachment C of this letter.

As stated in our letter regarding NOV Number A58226, submitted to the BAAQMD on November 1, 2019, and the 10-Day Title V Report for RCA 07P69, submitted to the BAAQMD on November 7, 2019, this event was not caused by the failure or breakdown of site equipment, as damage to the power lines was due to extreme weather conditions and outside of the facility's control. All equipment was operating within normal parameters and in compliance prior to the loss of power. Ox Mountain has contacted PG&E on multiple occasions to request a damage assessment report and letter confirming the nature of the outage, as well as an explanation for the delay in service and power restoration to the site. At the time of this submittal, Ox Mountain has not received any response from PG&E. Due to the nature of this outage it is not believed that excess emissions occurred from the flare stack during this event as the system was under vacuum prior to any downtime.

We have expressed our concerns that the District's treatment of power outages has been varied and appears to be an area of concern that would benefit from development of an established regulation that has been through a formal rulemaking process. In this way, the public and persons subject to the rules are afforded the opportunity to comment and shape development of any final agency action.

Mr. Jeffery Gove  
November 26, 2019  
Page 3

Ox Mountain respectfully requests that the BAAQMD grant breakdown relief for this event. We understand that a meeting has been scheduled with the District to discuss pending matters including GCCS downtime conditions to ensure continued compliance and to avoid potential future NOV's. We look forward to this meeting.

BFI is committed to operating Ox Mountain's GCCS in compliance with all applicable regulations and will continue to ensure future compliance.

If you have any questions or require additional information, please do not hesitate to contact either Kieran Carroll at (510) 621-8173 or by email at [KCarroll2@rpublicservices.com](mailto:KCarroll2@rpublicservices.com) or Kendra Kent at (520) 526-7270 or by email at [Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com).

Sincerely,



Kieran Carroll  
Environmental Manager  
Ox Mountain Landfill

Attachments: Attachment A – Amended RCA Form 07P69  
Attachment B – Flare Temperature and Flow Records  
Attachment C – O&M Inspection Records

cc: Agustin Moreno, Ox Mountain  
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Attachment A  
Amended RCA Form 07P69





BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## COMPLIANCE & ENFORCEMENT DIVISION

### Notification Form

Reportable  
Compliance  
Activity (RCA)

[See back of form for instructions](#) →

1.  BREAKDOWN RELIEF: *District Use Only* BREAKDOWN REFERENCE #:

2.  MONITOR EXCESS EMISSION or EXCURSION: *District Use Only* REFERENCE #:

3.  MONITOR IS INOPERATIVE: *District Use Only* REFERENCE #:

4.  PRESSURE RELIEF DEVICE (PRD): *District Use Only* PRD REFERENCE #:

### SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)

Company	International Disposal Corporation of CA	Site #	A2266
Address	12310 San Mateo Road	Source #	A-7, A-9 LFG Flares
Reported by	Kieran Carroll	Phone #	(510) 621-8173
Indicated Excess	Site-wide power outage	Fax #	
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	43.45 hours
Start Time/Date	October 26, 2019 at approximately 20:04	Clear Time	October 28, 2019 at approximately 15:42
Monitor/device type(s)	<input type="checkbox"/> ▶ CEM <input type="checkbox"/> ▶ GLM <input checked="" type="checkbox"/> ▶ Parametric <input type="checkbox"/> ▶ PRD <input type="checkbox"/> ▶ Non-monitor		
Monitor description(s)			
Parameter(s) exceeded or not functioning due to inoperation			
<input type="checkbox"/> ▶ NO <sub>x</sub>	<input type="checkbox"/> ▶ SO <sub>2</sub>	<input type="checkbox"/> ▶ CO	<input type="checkbox"/> ▶ CO <sub>2</sub>
<input type="checkbox"/> ▶ O <sub>2</sub>	<input type="checkbox"/> ▶ H <sub>2</sub> O	<input type="checkbox"/> ▶ Opacity	<input type="checkbox"/> ▶ Lead
<input type="checkbox"/> ▶ Hydrocarbon Breakthrough (VOC)	<input checked="" type="checkbox"/> ▶ Temperature	<input type="checkbox"/> ▶ Wind Speed	<input type="checkbox"/> ▶ TRS
<input type="checkbox"/> ▶ Wind Direction	<input type="checkbox"/> ▶ Steam	<input type="checkbox"/> ▶ Other (describe)	<input type="checkbox"/> ▶ NH <sub>3</sub>
Unit(s) of Measurement			
<input type="checkbox"/> ▶ ppm	<input type="checkbox"/> ▶ ppb	<input type="checkbox"/> ▶ min/hr > 20%	<input type="checkbox"/> ▶ inches H <sub>2</sub> O
<input type="checkbox"/> ▶ psig	<input type="checkbox"/> ▶ pH	<input checked="" type="checkbox"/> ▶ °Fahrenheit	<input type="checkbox"/> ▶ mmHg
		<input checked="" type="checkbox"/> ▶ Other (describe) scfm	

#### Event Description:

The Ox Mountain Landfill submits this RCA to the BAAQMD for a site-wide power outage on October 26, 2019 at approximately 20:04 due to the planned Pacific Gas and Electric (PG&E) public safety power shutoff. Power was restored on October 28, 2019 and the A-9 Flare began operating again at approximately 15:42. At no point was the facility in a state of non-compliance.

#### *District Use Only*

Received by

Date

Time

### General Instructions

- ✓ Check the Box numbers 1- 4 that apply to the RCA you are trying to report or request and read the detailed instructions.
- ✓ You will receive an ID # for each RCA you submit. In the case of a request for Breakdown Relief where multiple monitors are affected, you do not need to submit multiple forms, as long as all necessary information is given on one form. RCA reported during other than core business hours will be assigned an ID # the following working day. If you do not receive an ID #, it is your responsibility to contact the BAAQMD to get one.
- ✓ You may submit only one request for breakdown relief per form. However, you may submit multiple indicated excess, inoperative monitors and PRD reports on one form, provided that the start and end times given for the events in the required information section is inclusive of all events. Information on parameters exceeded, units of measurement and allowable limits can be provided in the event description box or when contacted by District staff with questions.
- ✓ Fill out the "Site Information and Description Information Required" areas of this form and email to [rca@baaqmd.gov](mailto:rca@baaqmd.gov)
- ✓ **A 30-day written follow-up report is required for Breakdown Requests and PRD Releases.** Reports for these types of RCA must contain a quantification of emissions, the calculations used to derive the emissions, and their duration. Reference [Breakdown Admissions Advisory dated 12/3/04](#). Send 30-day report letters to: BAAQMD Compliance and Enforcement Division, MAILSTOP: RCA 30-DAY REPORT, 375 Beale Street, Ste. 600 San Francisco, CA 94105. NOTE: **You may have additional report requirements under Title V.**

## Detailed Instructions

### **Box 1: To Request Breakdown Relief (Regulations 1-112, 1-113, 1-208, 1-431, 1-432)**

If you have an equipment malfunction (e.g.; breakdown) that leads to the release of air pollutants above the regulatory or your permitted levels, you may request relief from BAAQMD enforcement action.

- Check Box #1.
- **NOTE: Start and end times given for these events in the required information section must be inclusive of all events.**
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- Requests for breakdown relief may not be withdrawn and must be called in or faxed to the BAAQMD immediately upon discovery of an equipment malfunction.
- Receipt of an RCA ID# for a breakdown does not mean relief has been granted. An Inspector will visit your facility to determine compliance.

### **Box 2: Monitor Indicates Excess Emission or Excursion (Regulation 1-522.7, 1-523.3, 1-542)**

When a BAAQMD-required monitor indicates an excess or excursion, you must report it to the BAAQMD.

- Check Box #2.
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- Any excess emission indicated by a CEM or excursion of a parametric monitor, shall be reported to the BAAQMD within 96 hours.
- Area concentration excesses over the limits prescribed in District regulations shall be reported to the BAAQMD within the next normal working day following the examination of data.

### **Box 3: Monitor Is Inoperative (Regulations 1-522, 1-523, 1-530)**

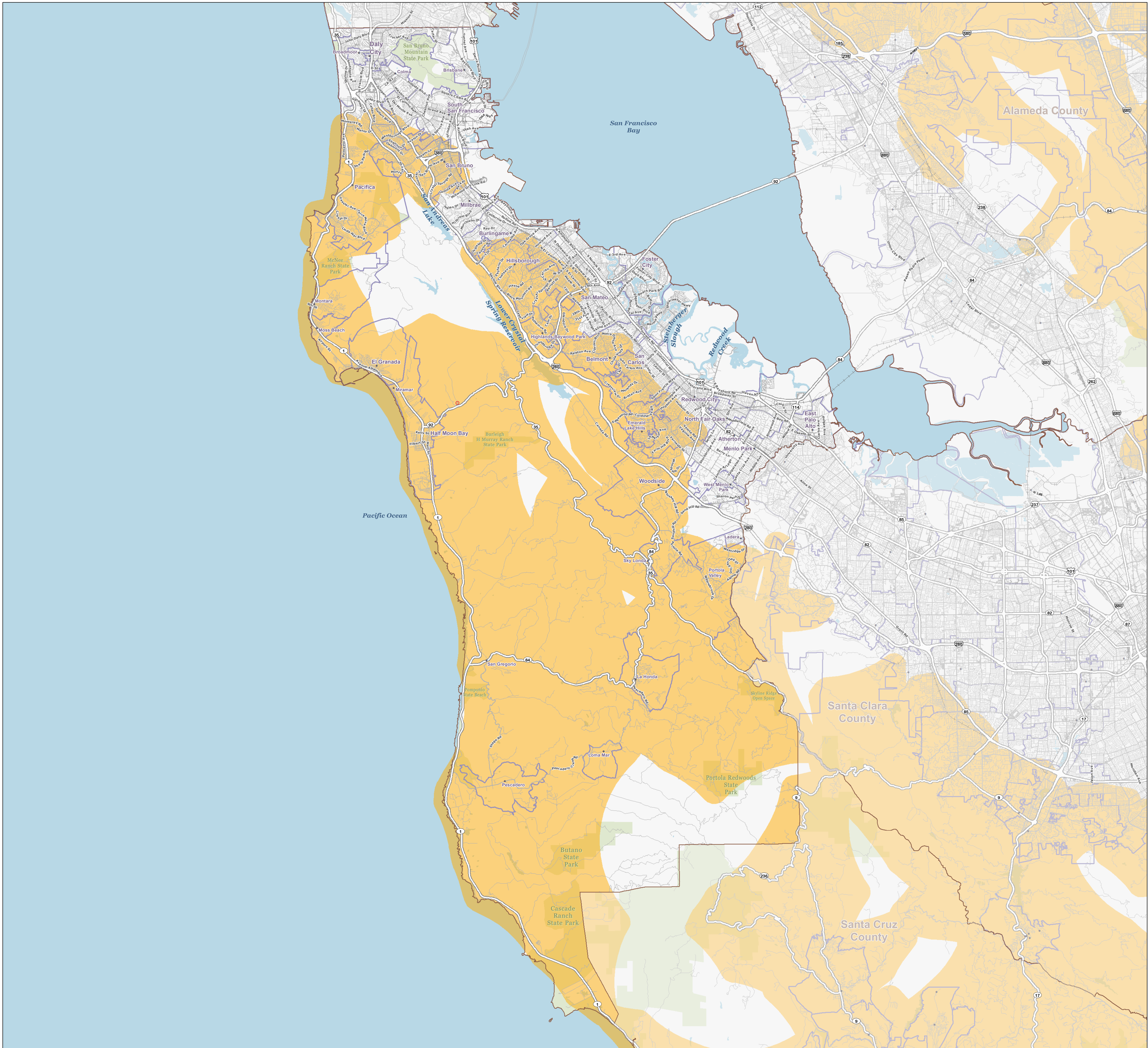
When a BAAQMD-required monitor is inoperative for greater than 24 hours, you must report it to the BAAQMD.

- Check Box #3 only if inoperative for greater than 24 hours.
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- All reports of inoperative monitors must be reported by the following BAAQMD working day and additionally be cleared by a notification of resumption of monitoring. To notify the BAAQMD regarding the resumption of monitoring, do not send in a separate RCA form; call (415) 749-4979 and give the RCA ID #, date, and the time of resumption.
- Inoperative monitors (except parametric monitors) with downtime greater than 15 days must furnish proof of expedited repair in a follow-up report.

### **Box 4: Pressure Relief Device (PRD) Is Released (Regulation 8-28-401)**

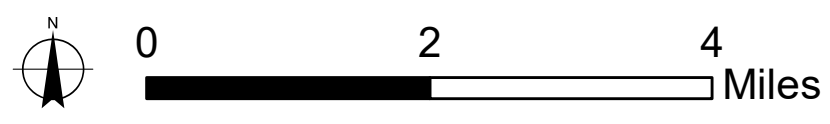
When a PRD at your refinery/chemical plant vents to the atmosphere, you must report it to the BAAQMD.

- Check Box #4 only if a pressure relief device is released.
- Separate RCA ID #'s can be applied to monitor(s) affected by a PRD by also checking Box #2 if other monitors record an excess or excursion.
- Fill out all the information in the "Site Information and Description Information (Required)" area of the form.
- All PRD release reports must be reported by the following BAAQMD working day.



**San Mateo County**  
**PSPS Circuits BaseLine 0715 2100 Buffer**

- Affected Areas
- County Boundary
- US Census Community (2010)
- Park, Monument, National Forest
- Highway
- Major Road
- Minor Road
- Railroad
- Ox Mountain Landfill



Last Updated  
 July 30, 2019  
 2:12 PM



Information contained in these documents is for preparedness and planning purposes only. Actual outage areas for an event will be based on conditions existing during the particular event. The scope of PSPS events can potentially impact any customer within Pacific Gas and Electric's service territory.

\\gisprod01\gisdata\basedata\emergency\_response\2019\PSPS\ArcMap\county\_overview.mxd

**Attachment B**  
**Flare Temperature and Flow Records**

DAQSTANDARD R9.03.06  
 Data Viewer R9.03.06  
 Cornerstone Windows User 116-00000-\*\*\*\*

Device Type DX1000  
 Serial No. S5T206817  
 File Message OX MTN UPPER FLARE  
 Time Correction None  
 Starting Condition Manual  
 Dividing Condition Manual  
 Meas Ch. 4  
 Math Ch. 0  
 Ext Ch. 0  
 Data Count 5841  
 Sampling Interval 120.000 sec  
 Start Time 2019/10/21 13:18:00 0.000  
 Stop Time 2019/10/29 15:58:00 0.000  
 Trigger Time 2019/10/29 15:58:00 0.000  
 Trigger No. 5840  
 Damage Check Not Damaged  
 Started by [ Key In ]  
 Stopped by [ Key In ]

Num. Of Converted Data 5841  
 Num. Of Converted Ch. 4  
 Converted Group

Ch. CH002 CH005  
 Tag FLR FLOW RATE FLR CONTROL TEMP  
 Tag No.  
 Unit SCFM °F

Date	Time	sec	MIN	MAX MIN	MAX
2019/10/26	00:00:00	0.000	-15	-15	111
2019/10/26	00:02:00	0.000	-15	-15	111
2019/10/26	00:04:00	0.000	-15	-15	111
2019/10/26	00:06:00	0.000	-15	-15	110
2019/10/26	00:08:00	0.000	-15	-15	110
2019/10/26	00:10:00	0.000	-15	-15	110
2019/10/26	00:12:00	0.000	-15	-15	110
2019/10/26	00:14:00	0.000	-15	-15	110
2019/10/26	00:16:00	0.000	-15	-15	110
2019/10/26	00:18:00	0.000	-15	-15	110
2019/10/26	00:20:00	0.000	-15	-15	110
2019/10/26	00:22:00	0.000	-15	-15	110
2019/10/26	00:24:00	0.000	-15	-15	110
2019/10/26	00:26:00	0.000	-15	-15	109
2019/10/26	00:28:00	0.000	-15	-15	110
2019/10/26	00:30:00	0.000	-15	-15	109
2019/10/26	00:32:00	0.000	-15	-15	109
2019/10/26	00:34:00	0.000	-15	-15	109
2019/10/26	00:36:00	0.000	-15	-15	109
2019/10/26	00:38:00	0.000	-15	-15	109
2019/10/26	00:40:00	0.000	-15	-15	109
2019/10/26	00:42:00	0.000	-15	-15	109
2019/10/26	00:44:00	0.000	-15	-15	109
2019/10/26	00:46:00	0.000	-15	-15	109
2019/10/26	00:48:00	0.000	-15	-15	109
2019/10/26	00:50:00	0.000	-15	-15	109
2019/10/26	00:52:00	0.000	-15	-15	109
2019/10/26	00:54:00	0.000	-15	-15	109
2019/10/26	00:56:00	0.000	-15	-15	109
2019/10/26	00:58:00	0.000	-15	-15	109
2019/10/26	01:00:00	0.000	-15	-15	108
2019/10/26	01:02:00	0.000	-15	-15	109
2019/10/26	01:04:00	0.000	-15	-15	108
2019/10/26	01:06:00	0.000	-15	-15	108
2019/10/26	01:08:00	0.000	-15	-15	108
2019/10/26	01:10:00	0.000	-15	-15	108
2019/10/26	01:12:00	0.000	-15	-15	108
2019/10/26	01:14:00	0.000	-15	-15	108
2019/10/26	01:16:00	0.000	-15	-15	108
2019/10/26	01:18:00	0.000	-15	-15	107
2019/10/26	01:20:00	0.000	-15	-15	107
2019/10/26	01:22:00	0.000	-15	-15	107
2019/10/26	01:24:00	0.000	-15	-15	107
2019/10/26	01:26:00	0.000	-15	-15	107
2019/10/26	01:28:00	0.000	-15	-15	106
2019/10/26	01:30:00	0.000	-15	-15	106
2019/10/26	01:32:00	0.000	-15	-15	106
2019/10/26	01:34:00	0.000	-15	-15	107
2019/10/26	01:36:00	0.000	-15	-15	106
2019/10/26	01:38:00	0.000	-15	-15	106
2019/10/26	01:40:00	0.000	-15	-15	106
2019/10/26	01:42:00	0.000	-15	-15	106
2019/10/26	01:44:00	0.000	-15	-15	106
2019/10/26	01:46:00	0.000	-15	-15	107
2019/10/26	01:48:00	0.000	-15	-14	107
2019/10/26	01:50:00	0.000	-15	-14	107
2019/10/26	01:52:00	0.000	-15	-14	107









2019/10/26	10:48:00	0.000	-15	-15	115	116
2019/10/26	10:50:00	0.000	-15	-15	116	118
2019/10/26	10:52:00	0.000	-15	-15	118	120
2019/10/26	10:54:00	0.000	-15	-15	120	122
2019/10/26	10:56:00	0.000	-15	-15	121	123
2019/10/26	10:58:00	0.000	-15	-15	123	124
2019/10/26	11:00:00	0.000	-15	-15	119	124
2019/10/26	11:02:00	0.000	-15	-15	119	120
2019/10/26	11:04:00	0.000	-15	-15	117	120
2019/10/26	11:06:00	0.000	-15	-15	117	117
2019/10/26	11:08:00	0.000	-15	-15	117	118
2019/10/26	11:10:00	0.000	-15	-15	117	118
2019/10/26	11:12:00	0.000	-15	-15	117	119
2019/10/26	11:14:00	0.000	-15	-15	118	119
2019/10/26	11:16:00	0.000	-15	-15	118	123
2019/10/26	11:18:00	0.000	-15	-15	117	122
2019/10/26	11:20:00	0.000	-15	-15	116	117
2019/10/26	11:22:00	0.000	-15	-15	115	116
2019/10/26	11:24:00	0.000	-15	-15	115	115
2019/10/26	11:26:00	0.000	-15	-15	114	115
2019/10/26	11:28:00	0.000	-15	-15	115	117
2019/10/26	11:30:00	0.000	-15	-15	117	120
2019/10/26	11:32:00	0.000	-15	-15	119	122
2019/10/26	11:34:00	0.000	-15	-15	118	120
2019/10/26	11:36:00	0.000	-15	-15	118	120
2019/10/26	11:38:00	0.000	-15	-15	120	122
2019/10/26	11:40:00	0.000	-15	-15	121	123
2019/10/26	11:42:00	0.000	-15	-15	119	123
2019/10/26	11:44:00	0.000	-15	-15	118	120
2019/10/26	11:46:00	0.000	-15	-15	116	118
2019/10/26	11:48:00	0.000	-15	-15	118	120
2019/10/26	11:50:00	0.000	-15	-15	119	122
2019/10/26	11:52:00	0.000	-15	-15	120	122
2019/10/26	11:54:00	0.000	-15	-15	121	123
2019/10/26	11:56:00	0.000	-15	-15	120	122
2019/10/26	11:58:00	0.000	-15	-15	120	123
2019/10/26	12:00:00	0.000	-15	-15	121	123
2019/10/26	12:02:00	0.000	-15	-15	122	124
2019/10/26	12:04:00	0.000	-15	-15	120	124
2019/10/26	12:06:00	0.000	-15	-15	120	122
2019/10/26	12:08:00	0.000	-15	-15	119	120
2019/10/26	12:10:00	0.000	-15	-15	119	120
2019/10/26	12:12:00	0.000	-15	-15	118	119
2019/10/26	12:14:00	0.000	-15	-15	118	119
2019/10/26	12:16:00	0.000	-15	-15	119	120
2019/10/26	12:18:00	0.000	-15	-15	119	120
2019/10/26	12:20:00	0.000	-15	-15	117	120
2019/10/26	12:22:00	0.000	-15	-15	118	119
2019/10/26	12:24:00	0.000	-15	-15	117	118
2019/10/26	12:26:00	0.000	-15	-15	118	119
2019/10/26	12:28:00	0.000	-15	-15	118	120
2019/10/26	12:30:00	0.000	-15	-15	119	122
2019/10/26	12:32:00	0.000	-15	-15	118	120
2019/10/26	12:34:00	0.000	-15	-15	117	119
2019/10/26	12:36:00	0.000	-15	-15	118	119
2019/10/26	12:38:00	0.000	-15	-15	118	119
2019/10/26	12:40:00	0.000	-15	-15	118	119
2019/10/26	12:42:00	0.000	-15	-15	118	119
2019/10/26	12:44:00	0.000	-15	-15	119	120
2019/10/26	12:46:00	0.000	-15	-15	119	120
2019/10/26	12:48:00	0.000	-15	-15	119	120
2019/10/26	12:50:00	0.000	-15	-15	119	120
2019/10/26	12:52:00	0.000	-15	-15	116	119
2019/10/26	12:54:00	0.000	-15	-15	115	116
2019/10/26	12:56:00	0.000	-15	-15	116	117
2019/10/26	12:58:00	0.000	-15	-15	116	116
2019/10/26	13:00:00	0.000	-15	-15	115	117
2019/10/26	13:02:00	0.000	-15	-15	115	116
2019/10/26	13:04:00	0.000	-15	-15	116	117
2019/10/26	13:06:00	0.000	-15	-15	117	118
2019/10/26	13:08:00	0.000	-15	-15	117	118
2019/10/26	13:10:00	0.000	-15	-15	118	119
2019/10/26	13:12:00	0.000	-15	-15	118	119
2019/10/26	13:14:00	0.000	-15	-15	115	118
2019/10/26	13:16:00	0.000	-15	-15	114	115
2019/10/26	13:18:00	0.000	-15	-15	115	115
2019/10/26	13:20:00	0.000	-15	-15	115	116
2019/10/26	13:22:00	0.000	-15	-15	115	116
2019/10/26	13:24:00	0.000	-15	-15	115	116
2019/10/26	13:26:00	0.000	-15	-15	115	116
2019/10/26	13:28:00	0.000	-15	-15	116	118
2019/10/26	13:30:00	0.000	-15	-15	115	117
2019/10/26	13:32:00	0.000	-15	-15	115	117
2019/10/26	13:34:00	0.000	-15	-15	117	119
2019/10/26	13:36:00	0.000	-15	-15	119	120
2019/10/26	13:38:00	0.000	-15	-15	120	120
2019/10/26	13:40:00	0.000	-15	-15	119	122
2019/10/26	13:42:00	0.000	-15	-15	118	119
2019/10/26	13:44:00	0.000	-15	-15	117	118

2019/10/26	13:46:00	0.000	-15	-15	116	117
2019/10/26	13:48:00	0.000	-15	-15	116	117
2019/10/26	13:50:00	0.000	-15	-15	115	117
2019/10/26	13:52:00	0.000	-15	-15	115	116
2019/10/26	13:54:00	0.000	-15	-15	116	118
2019/10/26	13:56:00	0.000	-15	-15	115	118
2019/10/26	13:58:00	0.000	-15	-15	113	115
2019/10/26	14:00:00	0.000	-15	-15	112	114
2019/10/26	14:02:00	0.000	-15	-15	112	112
2019/10/26	14:04:00	0.000	-15	-15	108	112
2019/10/26	14:06:00	0.000	-15	-15	108	109
2019/10/26	14:08:00	0.000	-15	-15	109	110
2019/10/26	14:10:00	0.000	-15	-15	109	110
2019/10/26	14:12:00	0.000	-15	-15	109	111
2019/10/26	14:14:00	0.000	-15	-15	109	111
2019/10/26	14:16:00	0.000	-15	-15	111	113
2019/10/26	14:18:00	0.000	-15	-15	111	113
2019/10/26	14:20:00	0.000	-15	-15	110	112
2019/10/26	14:22:00	0.000	-15	-15	109	111
2019/10/26	14:24:00	0.000	-15	-15	111	112
2019/10/26	14:26:00	0.000	-15	-15	112	113
2019/10/26	14:28:00	0.000	-15	-15	112	113
2019/10/26	14:30:00	0.000	-15	-15	112	114
2019/10/26	14:32:00	0.000	-15	-15	111	114
2019/10/26	14:34:00	0.000	-15	-15	111	113
2019/10/26	14:36:00	0.000	-15	-15	111	113
2019/10/26	14:38:00	0.000	-15	-15	110	114
2019/10/26	14:40:00	0.000	-15	-15	112	114
2019/10/26	14:42:00	0.000	-15	-15	111	112
2019/10/26	14:44:00	0.000	-15	-15	111	112
2019/10/26	14:46:00	0.000	-15	-15	112	114
2019/10/26	14:48:00	0.000	-15	-15	112	114
2019/10/26	14:50:00	0.000	-15	-15	111	112
2019/10/26	14:52:00	0.000	-15	-15	112	113
2019/10/26	14:54:00	0.000	-15	-15	112	113
2019/10/26	14:56:00	0.000	-15	-15	111	113
2019/10/26	14:58:00	0.000	-15	-15	111	113
2019/10/26	15:00:00	0.000	-15	-15	112	113
2019/10/26	15:02:00	0.000	-15	-15	110	112
2019/10/26	15:04:00	0.000	-15	4138	110	805
2019/10/26	15:06:00	0.000	-1	4138	805	1980
2019/10/26	15:08:00	0.000	-15	2601	1083	1555
2019/10/26	15:10:00	0.000	2567	3490	1098	1754
2019/10/26	15:12:00	0.000	2717	3080	1663	1754
2019/10/26	15:14:00	0.000	2798	3075	1665	1680
2019/10/26	15:16:00	0.000	2807	3095	1656	1680
2019/10/26	15:18:00	0.000	2835	3093	1652	1656
2019/10/26	15:20:00	0.000	2803	3090	1656	1665
2019/10/26	15:22:00	0.000	2850	3138	1646	1657
2019/10/26	15:24:00	0.000	2835	3119	1641	1660
2019/10/26	15:26:00	0.000	2832	3145	1655	1666
2019/10/26	15:28:00	0.000	2852	3103	1649	1655
2019/10/26	15:30:00	0.000	2845	3118	1651	1661
2019/10/26	15:32:00	0.000	2854	3117	1640	1652
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2019/10/26	15:38:00	0.000	2846	3108	1643	1654
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2019/10/28	16:02:00	0.000
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2019/10/28	16:44:00	0.000	-15	-15	463	558
2019/10/28	16:46:00	0.000	-15	-15	392	463
2019/10/28	16:48:00	0.000	-15	-14	337	392
2019/10/28	16:50:00	0.000	-15	-15	294	337
2019/10/28	16:52:00	0.000	-15	-14	259	294
2019/10/28	16:54:00	0.000	-15	-14	231	259
2019/10/28	16:56:00	0.000	-15	-14	210	231
2019/10/28	16:58:00	0.000	-15	-14	193	210
2019/10/28	17:00:00	0.000	-14	-14	179	193
2019/10/28	17:02:00	0.000	-14	-14	167	179
2019/10/28	17:04:00	0.000	-14	-14	158	167
2019/10/28	17:06:00	0.000	-15	-14	150	158
2019/10/28	17:08:00	0.000	-15	-14	143	150
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2019/10/28	17:16:00	0.000	-15	-14	126	129
2019/10/28	17:18:00	0.000	-15	-14	123	126
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2019/10/28	17:22:00	0.000	-15	-14	119	121
2019/10/28	17:24:00	0.000	-15	-14	117	119
2019/10/28	17:26:00	0.000	-15	-14	116	117
2019/10/28	17:28:00	0.000	-15	-15	114	116
2019/10/28	17:30:00	0.000	-15	-14	113	114
2019/10/28	17:32:00	0.000	-15	-14	112	113
2019/10/28	17:34:00	0.000	-15	-14	111	112
2019/10/28	17:36:00	0.000	-15	-14	110	111
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2019/10/28	17:40:00	0.000	-15	-14	108	109
2019/10/28	17:42:00	0.000	-15	-14	108	108
2019/10/28	17:44:00	0.000	-15	-14	107	108
2019/10/28	17:46:00	0.000	-15	-14	107	108
2019/10/28	17:48:00	0.000	-15	-14	106	108
2019/10/28	17:50:00	0.000	-15	-15	105	106
2019/10/28	17:52:00	0.000	-15	-14	105	106
2019/10/28	17:54:00	0.000	-15	-14	105	106
2019/10/28	17:56:00	0.000	-15	-14	105	105
2019/10/28	17:58:00	0.000	-15	-14	105	105
2019/10/28	18:00:00	0.000	-15	-14	103	105
2019/10/28	18:02:00	0.000	-15	-14	104	104
2019/10/28	18:04:00	0.000	-15	-14	103	104
2019/10/28	18:06:00	0.000	-15	2889	103	162
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2019/10/28	18:16:00	0.000	3141	3514	1641	1677
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2019/10/28	18:20:00	0.000	3140	3625	1647	1663
2019/10/28	18:22:00	0.000	3102	3289	1643	1655
2019/10/28	18:24:00	0.000	3160	3421	1655	1671
2019/10/28	18:26:00	0.000	687	3457	1368	1668
2019/10/28	18:28:00	0.000	-14	761	1106	1368
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2019/10/28	18:32:00	0.000	-15	-14	659	834
2019/10/28	18:34:00	0.000	-15	-14	541	659
2019/10/28	18:36:00	0.000	-15	-14	457	541
2019/10/28	18:38:00	0.000	-15	-14	392	457
2019/10/28	18:40:00	0.000	-15	-14	342	392
2019/10/28	18:42:00	0.000	-15	-14	305	342
2019/10/28	18:44:00	0.000	-15	-14	274	305
2019/10/28	18:46:00	0.000	-15	-15	248	274
2019/10/28	18:48:00	0.000	-15	-15	228	248
2019/10/28	18:50:00	0.000	-15	-15	212	229
2019/10/28	18:52:00	0.000	-15	-15	198	212
2019/10/28	18:54:00	0.000	-15	-15	186	198
2019/10/28	18:56:00	0.000	-15	-15	176	186
2019/10/28	18:58:00	0.000	-15	-14	167	176
2019/10/28	19:00:00	0.000	-15	-14	160	167
2019/10/28	19:02:00	0.000	-15	-14	154	160
2019/10/28	19:04:00	0.000	-15	-14	149	154
2019/10/28	19:06:00	0.000	-15	-15	144	149
2019/10/28	19:08:00	0.000	-15	-15	140	144



2019/10/28	22:08:00	0.000	-15	-15	93	93
2019/10/28	22:10:00	0.000	-15	-15	92	93
2019/10/28	22:12:00	0.000	-15	-15	92	93
2019/10/28	22:14:00	0.000	-15	-15	92	93
2019/10/28	22:16:00	0.000	-15	-15	91	93
2019/10/28	22:18:00	0.000	-15	-15	91	93
2019/10/28	22:20:00	0.000	-15	-15	91	93
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2019/10/28	22:30:00	0.000	-15	-15	92	93
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2019/10/28	22:38:00	0.000	-15	-15	92	93
2019/10/28	22:40:00	0.000	-15	-15	92	93
2019/10/28	22:42:00	0.000	-15	-15	92	93
2019/10/28	22:44:00	0.000	-15	-15	91	93
2019/10/28	22:46:00	0.000	-15	-15	91	93
2019/10/28	22:48:00	0.000	-15	-15	91	93
2019/10/28	22:50:00	0.000	-15	-15	91	93
2019/10/28	22:52:00	0.000	-15	-15	92	93
2019/10/28	22:54:00	0.000	-15	-15	92	93
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2019/10/28	22:58:00	0.000	-15	-15	92	93
2019/10/28	23:00:00	0.000	-15	-15	91	93
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2019/10/28	23:20:00	0.000	-15	-15	91	93
2019/10/28	23:22:00	0.000	-15	-15	91	93
2019/10/28	23:24:00	0.000	-15	-15	91	92
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2019/10/28	23:38:00	0.000	-15	-15	91	91
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2019/10/28	23:58:00	0.000	-15	-15	90	91

DAQSTANDARD R9.03.06  
 Data Viewer R9.03.06  
 Cornerstone Windows User 116-00000-\*\*\*\*  
  
 Device Type FX1000  
 Serial No. SSS802444  
 File Message  
 Time Correction None  
 Starting Condition Manual  
 Dividing Condition Manual  
 Meas Ch. 3  
 Math Ch. 0  
 Ext Ch. 0  
 Data Count 5830  
 Sampling Interval 120.000 sec  
 Start Time 2019/10/21 14:02:00 0.000  
 Stop Time 2019/10/29 16:20:00 0.000  
 Trigger Time 2019/10/29 16:20:00 0.000  
 Trigger No. 5829  
 Damage Check Not Damaged  
 Started by [ Key In ]  
 Stopped by [ Key In ]  
  
 Num. Of Converted Data 5830  
 Num. Of Converted Ch. 3  
 Converted Group

Date	Time	Ch. Tag Unit sec	CH002 F1 LFG FLOW SCFM		CH005 F1 TEMP F	
			MIN	MAX	MIN	MAX
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2019/10/26	00:04:00	0.000	1371	1398	1697	1711
2019/10/26	00:06:00	0.000	1371	1408	1696	1708
2019/10/26	00:08:00	0.000	1373	1400	1694	1707
2019/10/26	00:10:00	0.000	1360	1392	1679	1702
2019/10/26	00:12:00	0.000	1368	1397	1681	1704
2019/10/26	00:14:00	0.000	1373	1398	1703	1710
2019/10/26	00:16:00	0.000	1368	1403	1696	1711
2019/10/26	00:18:00	0.000	1372	1404	1696	1705
2019/10/26	00:20:00	0.000	1361	1392	1686	1702
2019/10/26	00:22:00	0.000	1370	1395	1688	1705
2019/10/26	00:24:00	0.000	1370	1398	1687	1708
2019/10/26	00:26:00	0.000	1372	1398	1688	1705
2019/10/26	00:28:00	0.000	1376	1395	1691	1698
2019/10/26	00:30:00	0.000	1370	1398	1694	1709
2019/10/26	00:32:00	0.000	1367	1395	1693	1697
2019/10/26	00:34:00	0.000	1367	1397	1689	1703
2019/10/26	00:36:00	0.000	1365	1393	1686	1700
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2019/10/26	00:40:00	0.000	1357	1387	1672	1691
2019/10/26	00:42:00	0.000	1364	1390	1676	1697
2019/10/26	00:44:00	0.000	1364	1392	1694	1703
2019/10/26	00:46:00	0.000	1362	1390	1687	1703
2019/10/26	00:48:00	0.000	1367	1395	1693	1702
2019/10/26	00:50:00	0.000	1359	1392	1693	1706
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2019/10/26	00:54:00	0.000	1364	1395	1693	1711
2019/10/26	00:56:00	0.000	1354	1392	1699	1715
2019/10/26	00:58:00	0.000	1361	1395	1702	1711
2019/10/26	01:00:00	0.000	1357	1390	1696	1711
2019/10/26	01:02:00	0.000	1356	1389	1687	1702
2019/10/26	01:04:00	0.000	1354	1392	1688	1704
2019/10/26	01:06:00	0.000	1359	1387	1687	1704
2019/10/26	01:08:00	0.000	1340	1367	1670	1695
2019/10/26	01:10:00	0.000	1348	1384	1681	1702
2019/10/26	01:12:00	0.000	1359	1389	1696	1713
2019/10/26	01:14:00	0.000	1350	1373	1694	1714
2019/10/26	01:16:00	0.000	1351	1381	1692	1708
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2019/10/26	01:22:00	0.000	1353	1381	1688	1704
2019/10/26	01:24:00	0.000	1353	1387	1698	1714
2019/10/26	01:26:00	0.000	1349	1368	1682	1704
2019/10/26	01:28:00	0.000	1347	1384	1675	1694
2019/10/26	01:30:00	0.000	1349	1384	1693	1712
2019/10/26	01:32:00	0.000	1345	1372	1686	1702
2019/10/26	01:34:00	0.000	1346	1375	1684	1692
2019/10/26	01:36:00	0.000	1350	1368	1688	1705
2019/10/26	01:38:00	0.000	1331	1362	1683	1704
2019/10/26	01:40:00	0.000	1345	1371	1684	1709
2019/10/26	01:42:00	0.000	1343	1379	1685	1717
2019/10/26	01:44:00	0.000	1330	1368	1702	1712
2019/10/26	01:46:00	0.000	1336	1371	1699	1713
2019/10/26	01:48:00	0.000	1343	1364	1705	1717
2019/10/26	01:50:00	0.000	1326	1370	1686	1712
2019/10/26	01:52:00	0.000	1338	1371	1686	1690
2019/10/26	01:54:00	0.000	1350	1381	1692	1700
2019/10/26	01:56:00	0.000	1340	1375	1688	1704
2019/10/26	01:58:00	0.000	1334	1370	1688	1696

2019/10/26	02:00:00	0.000	1342	1376	1685	1704
2019/10/26	02:02:00	0.000	1353	1378	1691	1703
2019/10/26	02:04:00	0.000	1336	1367	1675	1692
2019/10/26	02:06:00	0.000	1340	1387	1676	1707
2019/10/26	02:08:00	0.000	1349	1384	1706	1714
2019/10/26	02:10:00	0.000	1326	1364	1668	1706
2019/10/26	02:12:00	0.000	1342	1372	1681	1700
2019/10/26	02:14:00	0.000	1349	1373	1686	1703
2019/10/26	02:16:00	0.000	1343	1376	1686	1693
2019/10/26	02:18:00	0.000	1345	1379	1689	1702
2019/10/26	02:20:00	0.000	1340	1376	1691	1700
2019/10/26	02:22:00	0.000	1332	1376	1691	1699
2019/10/26	02:24:00	0.000	1339	1376	1683	1691
2019/10/26	02:26:00	0.000	1348	1382	1688	1694
2019/10/26	02:28:00	0.000	1340	1381	1682	1690
2019/10/26	02:30:00	0.000	1345	1371	1683	1692
2019/10/26	02:32:00	0.000	1351	1378	1684	1696
2019/10/26	02:34:00	0.000	1351	1384	1683	1693
2019/10/26	02:36:00	0.000	1334	1370	1676	1685
2019/10/26	02:38:00	0.000	1328	1361	1675	1695
2019/10/26	02:40:00	0.000	1338	1370	1694	1703
2019/10/26	02:42:00	0.000	1329	1371	1688	1711
2019/10/26	02:44:00	0.000	1330	1370	1684	1695
2019/10/26	02:46:00	0.000	1343	1370	1667	1700
2019/10/26	02:48:00	0.000	1333	1375	1665	1710
2019/10/26	02:50:00	0.000	1336	1364	1682	1700
2019/10/26	02:52:00	0.000	1335	1368	1683	1694
2019/10/26	02:54:00	0.000	1341	1370	1683	1699
2019/10/26	02:56:00	0.000	1314	1370	1678	1705
2019/10/26	02:58:00	0.000	1325	1365	1681	1697
2019/10/26	03:00:00	0.000	1329	1365	1690	1710
2019/10/26	03:02:00	0.000	1328	1356	1678	1699
2019/10/26	03:04:00	0.000	1325	1362	1678	1689
2019/10/26	03:06:00	0.000	1320	1367	1685	1697
2019/10/26	03:08:00	0.000	1334	1367	1689	1702
2019/10/26	03:10:00	0.000	1323	1367	1686	1704
2019/10/26	03:12:00	0.000	1323	1351	1696	1694
2019/10/26	03:14:00	0.000	1314	1349	1673	1690
2019/10/26	03:16:00	0.000	1311	1349	1639	1747
2019/10/26	03:18:00	0.000	1308	1343	1700	1738
2019/10/26	03:20:00	0.000	1315	1349	1678	1710
2019/10/26	03:22:00	0.000	1300	1347	1693	1713
2019/10/26	03:24:00	0.000	1316	1341	1696	1714
2019/10/26	03:26:00	0.000	1302	1345	1686	1699
2019/10/26	03:28:00	0.000	1306	1345	1694	1708
2019/10/26	03:30:00	0.000	1308	1343	1696	1708
2019/10/26	03:32:00	0.000	1300	1338	1689	1708
2019/10/26	03:34:00	0.000	1298	1350	1660	1723
2019/10/26	03:36:00	0.000	1305	1337	1699	1723
2019/10/26	03:38:00	0.000	1308	1348	1691	1700
2019/10/26	03:40:00	0.000	1300	1337	1682	1696
2019/10/26	03:42:00	0.000	1301	1340	1632	1728
2019/10/26	03:44:00	0.000	1302	1342	1690	1728
2019/10/26	03:46:00	0.000	1306	1338	1674	1696
2019/10/26	03:48:00	0.000	1283	1343	1671	1700
2019/10/26	03:50:00	0.000	1303	1338	1674	1688
2019/10/26	03:52:00	0.000	1308	1343	1688	1706
2019/10/26	03:54:00	0.000	1305	1345	1703	1712
2019/10/26	03:56:00	0.000	1279	1345	1681	1710
2019/10/26	03:58:00	0.000	1301	1337	1681	1700
2019/10/26	04:00:00	0.000	1300	1343	1688	1704
2019/10/26	04:02:00	0.000	1292	1340	1691	1704
2019/10/26	04:04:00	0.000	1260	1331	1686	1702
2019/10/26	04:06:00	0.000	1288	1332	1685	1693
2019/10/26	04:08:00	0.000	1307	1341	1692	1697
2019/10/26	04:10:00	0.000	1294	1345	1687	1703
2019/10/26	04:12:00	0.000	1298	1334	1690	1697
2019/10/26	04:14:00	0.000	1300	1346	1690	1703
2019/10/26	04:16:00	0.000	1300	1343	1697	1709
2019/10/26	04:18:00	0.000	1303	1346	1688	1709
2019/10/26	04:20:00	0.000	1307	1349	1703	1713
2019/10/26	04:22:00	0.000	1292	1340	1692	1714
2019/10/26	04:24:00	0.000	1304	1341	1692	1699
2019/10/26	04:26:00	0.000	1307	1349	1694	1705
2019/10/26	04:28:00	0.000	1308	1351	1696	1705
2019/10/26	04:30:00	0.000	1295	1332	1695	1703
2019/10/26	04:32:00	0.000	1303	1348	1695	1707
2019/10/26	04:34:00	0.000	1297	1343	1693	1706
2019/10/26	04:36:00	0.000	1305	1343	1697	1708
2019/10/26	04:38:00	0.000	1299	1343	1683	1704
2019/10/26	04:40:00	0.000	1308	1343	1683	1699
2019/10/26	04:42:00	0.000	1302	1337	1678	1694
2019/10/26	04:44:00	0.000	1306	1343	1650	1736
2019/10/26	04:46:00	0.000	1277	1348	1660	1704
2019/10/26	04:48:00	0.000	1305	1334	1661	1725
2019/10/26	04:50:00	0.000	1309	1343	1702	1730
2019/10/26	04:52:00	0.000	1309	1345	1697	1704
2019/10/26	04:54:00	0.000	1315	1347	1698	1710
2019/10/26	04:56:00	0.000	1295	1340	1685	1704
2019/10/26	04:58:00	0.000	1277	1340	1676	1698
2019/10/26	05:00:00	0.000	1295	1329	1649	1682

2019/10/26	05:02:00	0.000	1305	1343	1650	1727
2019/10/26	05:04:00	0.000	1297	1349	1687	1731
2019/10/26	05:06:00	0.000	1302	1345	1682	1692
2019/10/26	05:08:00	0.000	1307	1351	1691	1700
2019/10/26	05:10:00	0.000	1308	1349	1686	1704
2019/10/26	05:12:00	0.000	1314	1340	1630	1717
2019/10/26	05:14:00	0.000	1279	1338	1749	1754
2019/10/26	05:16:00	0.000	1306	1348	1698	1738
2019/10/26	05:18:00	0.000	1309	1351	1700	1708
2019/10/26	05:20:00	0.000	1305	1343	1699	1708
2019/10/26	05:22:00	0.000	1292	1340	1690	1703
2019/10/26	05:24:00	0.000	1288	1338	1679	1695
2019/10/26	05:26:00	0.000	1295	1337	1683	1696
2019/10/26	05:28:00	0.000	1286	1340	1688	1697
2019/10/26	05:30:00	0.000	1300	1340	1676	1700
2019/10/26	05:32:00	0.000	1288	1340	1677	1709
2019/10/26	05:34:00	0.000	1271	1343	1669	1717
2019/10/26	05:36:00	0.000	1296	1337	1711	1719
2019/10/26	05:38:00	0.000	1295	1332	1690	1711
2019/10/26	05:40:00	0.000	1306	1340	1703	1718
2019/10/26	05:42:00	0.000	1295	1340	1682	1711
2019/10/26	05:44:00	0.000	1282	1343	1679	1692
2019/10/26	05:46:00	0.000	1302	1343	1683	1692
2019/10/26	05:48:00	0.000	1305	1338	1679	1692
2019/10/26	05:50:00	0.000	1303	1343	1685	1694
2019/10/26	05:52:00	0.000	1299	1340	1689	1698
2019/10/26	05:54:00	0.000	1292	1334	1649	1678
2019/10/26	05:56:00	0.000	1292	1331	1646	1760
2019/10/26	05:58:00	0.000	1295	1348	1707	1721
2019/10/26	06:00:00	0.000	1221	1325	1679	1707
2019/10/26	06:02:00	0.000	1288	1329	1660	1698
2019/10/26	06:04:00	0.000	1286	1338	1679	1727
2019/10/26	06:06:00	0.000	1301	1338	1702	1728
2019/10/26	06:08:00	0.000	1296	1338	1700	1691
2019/10/26	06:10:00	0.000	1291	1337	1667	1691
2019/10/26	06:12:00	0.000	1277	1338	1670	1700
2019/10/26	06:14:00	0.000	1303	1338	1670	1701
2019/10/26	06:16:00	0.000	1277	1340	1700	1710
2019/10/26	06:18:00	0.000	1277	1340	1688	1710
2019/10/26	06:20:00	0.000	1307	1345	1692	1706
2019/10/26	06:22:00	0.000	1301	1343	1700	1709
2019/10/26	06:24:00	0.000	1303	1340	1696	1709
2019/10/26	06:26:00	0.000	1292	1340	1687	1702
2019/10/26	06:28:00	0.000	1273	1335	1677	1694
2019/10/26	06:30:00	0.000	1300	1346	1730	1740
2019/10/26	06:32:00	0.000	1310	1345	1697	1745
2019/10/26	06:34:00	0.000	1309	1349	1692	1704
2019/10/26	06:36:00	0.000	1280	1340	1685	1701
2019/10/26	06:38:00	0.000	1264	1338	1684	1699
2019/10/26	06:40:00	0.000	1277	1337	1680	1694
2019/10/26	06:42:00	0.000	1293	1341	1684	1700
2019/10/26	06:44:00	0.000	1297	1342	1636	1747
2019/10/26	06:46:00	0.000	1275	1338	1695	1737
2019/10/26	06:48:00	0.000	1269	1335	1684	1702
2019/10/26	06:50:00	0.000	1303	1336	1696	1707
2019/10/26	06:52:00	0.000	1291	1337	1697	1708
2019/10/26	06:54:00	0.000	1207	1329	1631	1707
2019/10/26	06:56:00	0.000	1259	1326	1623	1728
2019/10/26	06:58:00	0.000	1277	1331	1689	1728
2019/10/26	07:00:00	0.000	1284	1334	1695	1769
2019/10/26	07:02:00	0.000	1300	1337	1720	1749
2019/10/26	07:04:00	0.000	1248	1319	1686	1721
2019/10/26	07:06:00	0.000	1270	1326	1685	1705
2019/10/26	07:08:00	0.000	1289	1334	1698	1711
2019/10/26	07:10:00	0.000	1284	1331	1698	1711
2019/10/26	07:12:00	0.000	1276	1331	1695	1704
2019/10/26	07:14:00	0.000	1260	1321	1683	1698
2019/10/26	07:16:00	0.000	1280	1332	1684	1698
2019/10/26	07:18:00	0.000	1250	1340	1672	1699
2019/10/26	07:20:00	0.000	1249	1329	1667	1698
2019/10/26	07:22:00	0.000	1277	1326	1686	1699
2019/10/26	07:24:00	0.000	1260	1324	1679	1698
2019/10/26	07:26:00	0.000	1269	1332	1685	1692
2019/10/26	07:28:00	0.000	1262	1326	1688	1696
2019/10/26	07:30:00	0.000	1272	1329	1689	1700
2019/10/26	07:32:00	0.000	1281	1329	1684	1701
2019/10/26	07:34:00	0.000	1244	1329	1674	1685
2019/10/26	07:36:00	0.000	1264	1329	1681	1696
2019/10/26	07:38:00	0.000	1277	1329	1693	1702
2019/10/26	07:40:00	0.000	1262	1337	1700	1707
2019/10/26	07:42:00	0.000	1252	1329	1700	1710
2019/10/26	07:44:00	0.000	1235	1330	1679	1702
2019/10/26	07:46:00	0.000	1257	1332	1688	1698
2019/10/26	07:48:00	0.000	1247	1330	1692	1699
2019/10/26	07:50:00	0.000	1244	1320	1685	1696
2019/10/26	07:52:00	0.000	1246	1327	1628	1713
2019/10/26	07:54:00	0.000	1246	1332	1638	1738
2019/10/26	07:56:00	0.000	1280	1343	1720	1739
2019/10/26	07:58:00	0.000	1290	1352	1708	1728
2019/10/26	08:00:00	0.000	1313	1354	1705	1718
2019/10/26	08:02:00	0.000	1292	1353	1704	1711



2019/10/26	08:04:00	0.000	1304	1353	1687	1704
2019/10/26	08:06:00	0.000	1304	1354	1691	1701
2019/10/26	08:08:00	0.000	1312	1353	1684	1702
2019/10/26	08:10:00	0.000	1305	1354	1693	1714
2019/10/26	08:12:00	0.000	1304	1357	1697	1716
2019/10/26	08:14:00	0.000	1309	1348	1682	1697
2019/10/26	08:16:00	0.000	1312	1357	1700	1702
2019/10/26	08:18:00	0.000	1298	1351	1686	1701
2019/10/26	08:20:00	0.000	1297	1348	1682	1692
2019/10/26	08:22:00	0.000	1301	1346	1674	1685
2019/10/26	08:24:00	0.000	1308	1345	1674	1687
2019/10/26	08:26:00	0.000	1320	1360	1684	1699
2019/10/26	08:28:00	0.000	1320	1352	1685	1700
2019/10/26	08:30:00	0.000	1320	1357	1695	1710
2019/10/26	08:32:00	0.000	1310	1346	1683	1697
2019/10/26	08:34:00	0.000	1316	1349	1670	1705
2019/10/26	08:36:00	0.000	1318	1354	1703	1717
2019/10/26	08:38:00	0.000	1316	1357	1705	1721
2019/10/26	08:40:00	0.000	1298	1353	1674	1705
2019/10/26	08:42:00	0.000	1308	1349	1672	1690
2019/10/26	08:44:00	0.000	1318	1354	1659	1705
2019/10/26	08:46:00	0.000	1290	1353	1662	1719
2019/10/26	08:48:00	0.000	1284	1343	1652	1715
2019/10/26	08:50:00	0.000	1271	1332	1714	1725
2019/10/26	08:52:00	0.000	1291	1340	1674	1724
2019/10/26	08:54:00	0.000	1260	1335	1668	1679
2019/10/26	08:56:00	0.000	1273	1329	1657	1684
2019/10/26	08:58:00	0.000	1224	1329	1662	1701
2019/10/26	09:00:00	0.000	1251	1327	1691	1703
2019/10/26	09:02:00	0.000	1257	1324	1700	1725
2019/10/26	09:04:00	0.000	1252	1327	1702	1718
2019/10/26	09:06:00	0.000	1270	1324	1683	1712
2019/10/26	09:08:00	0.000	1222	1316	1672	1689
2019/10/26	09:10:00	0.000	1230	1318	1648	1697
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2019/10/26	09:16:00	0.000	1224	1327	1705	1716
2019/10/26	09:18:00	0.000	1199	1318	1693	1711
2019/10/26	09:20:00	0.000	1215	1320	1632	1698
2019/10/26	09:22:00	0.000	1239	1318	1574	1698
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2019/10/26	09:26:00	0.000	1213	1324	1685	1733
2019/10/26	09:28:00	0.000	1208	1321	1700	1753
2019/10/26	09:30:00	0.000	1218	1312	1697	1730
2019/10/26	09:32:00	0.000	1237	1318	1512	1698
2019/10/26	09:34:00	0.000	1200	1318	1670	1700
2019/10/26	09:36:00	0.000	1222	1324	1671	1700
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2019/10/26	09:40:00	0.000	1241	1324	1674	1748
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2019/10/26	09:44:00	0.000	1230	1318	1689	1698
2019/10/26	09:46:00	0.000	1237	1316	1689	1699
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2019/10/26	10:04:00	0.000	1240	1342	1699	1711
2019/10/26	10:06:00	0.000	1279	1341	1709	1715
2019/10/26	10:08:00	0.000	1265	1338	1677	1713
2019/10/26	10:10:00	0.000	1251	1344	1686	1711
2019/10/26	10:12:00	0.000	1255	1341	1693	1713
2019/10/26	10:14:00	0.000	1285	1340	1695	1721
2019/10/26	10:16:00	0.000	1250	1326	1710	1724
2019/10/26	10:18:00	0.000	125	1337	1703	1721
2019/10/26	10:20:00	0.000	1273	1334	1689	1720
2019/10/26	10:22:00	0.000	1297	1339	1694	1714
2019/10/26	10:24:00	0.000	1272	1340	1695	1714
2019/10/26	10:26:00	0.000	1263	1345	1695	1712
2019/10/26	10:28:00	0.000	1314	1353	1708	1717
2019/10/26	10:30:00	0.000	1266	1340	1697	1714
2019/10/26	10:32:00	0.000	1285	1348	1697	1715
2019/10/26	10:34:00	0.000	1313	1357	1702	1712
2019/10/26	10:36:00	0.000	1306	1347	1694	1705
2019/10/26	10:38:00	0.000	1310	1356	1692	1706
2019/10/26	10:40:00	0.000	1326	1357	1702	1718
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2019/10/26	10:46:00	0.000	1333	1361	1689	1705
2019/10/26	10:48:00	0.000	1331	1364	1686	1696
2019/10/26	10:50:00	0.000	1343	1379	1692	1700
2019/10/26	10:52:00	0.000	1333	1368	1689	1700
2019/10/26	10:54:00	0.000	1340	1370	1686	1702
2019/10/26	10:56:00	0.000	1343	1371	1694	1709
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2019/10/26	11:04:00	0.000	1343	1375	1696	1703

2019/10/26	11:06:00	0.000	1339	1372	1689	1705
2019/10/26	11:08:00	0.000	1345	1372	1689	1698
2019/10/26	11:10:00	0.000	1354	1384	1694	1708
2019/10/26	11:12:00	0.000	1349	1382	1693	1709
2019/10/26	11:14:00	0.000	1352	1382	1693	1712
2019/10/26	11:16:00	0.000	1349	1386	1691	1714
2019/10/26	11:18:00	0.000	1352	1386	1675	1696
2019/10/26	11:20:00	0.000	1349	1376	1673	1678
2019/10/26	11:22:00	0.000	1351	1381	1678	1689
2019/10/26	11:24:00	0.000	1350	1379	1676	1688
2019/10/26	11:26:00	0.000	1347	1381	1686	1694
2019/10/26	11:28:00	0.000	1343	1382	1681	1694
2019/10/26	11:30:00	0.000	1354	1381	1689	1695
2019/10/26	11:32:00	0.000	1349	1381	1687	1696
2019/10/26	11:34:00	0.000	1346	1379	1679	1691
2019/10/26	11:36:00	0.000	1344	1379	1688	1691
2019/10/26	11:38:00	0.000	1345	1371	1679	1692
2019/10/26	11:40:00	0.000	1335	1363	1675	1685
2019/10/26	11:42:00	0.000	1337	1366	1683	1693
2019/10/26	11:44:00	0.000	1338	1370	1690	1697
2019/10/26	11:46:00	0.000	1336	1358	1688	1697
2019/10/26	11:48:00	0.000	1337	1375	1684	1699
2019/10/26	11:50:00	0.000	1335	1363	1688	1699
2019/10/26	11:52:00	0.000	1321	1354	1676	1693
2019/10/26	11:54:00	0.000	1326	1371	1682	1693
2019/10/26	11:56:00	0.000	1331	1366	1687	1695
2019/10/26	11:58:00	0.000	1334	1369	1684	1694
2019/10/26	12:00:00	0.000	1338	1366	1692	1703
2019/10/26	12:02:00	0.000	1337	1361	1694	1702
2019/10/26	12:04:00	0.000	1345	1377	1699	1709
2019/10/26	12:06:00	0.000	1343	1379	1700	1713
2019/10/26	12:08:00	0.000	1342	1373	1698	1708
2019/10/26	12:10:00	0.000	1340	1376	1698	1705
2019/10/26	12:12:00	0.000	1339	1368	1695	1703
2019/10/26	12:14:00	0.000	1344	1373	1692	1700
2019/10/26	12:16:00	0.000	1343	1374	1696	1707
2019/10/26	12:18:00	0.000	1341	1370	1692	1702
2019/10/26	12:20:00	0.000	1333	1374	1693	1703
2019/10/26	12:22:00	0.000	1340	1371	1689	1698
2019/10/26	12:24:00	0.000	1336	1370	1685	1702
2019/10/26	12:26:00	0.000	1322	1358	1679	1694
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2019/10/26	12:30:00	0.000	1337	1374	1695	1708
2019/10/26	12:32:00	0.000	1338	1374	1695	1711
2019/10/26	12:34:00	0.000	1340	1372	1696	1706
2019/10/26	12:36:00	0.000	1340	1374	1694	1706
2019/10/26	12:38:00	0.000	1335	1374	1696	1708
2019/10/26	12:40:00	0.000	1343	1371	1697	1708
2019/10/26	12:42:00	0.000	1340	1369	1698	1708
2019/10/26	12:44:00	0.000	1330	1370	1692	1702
2019/10/26	12:46:00	0.000	1332	1360	1685	1696
2019/10/26	12:48:00	0.000	1339	1370	1684	1695
2019/10/26	12:50:00	0.000	1347	1374	1693	1705
2019/10/26	12:52:00	0.000	1344	1370	1697	1704
2019/10/26	12:54:00	0.000	1340	1378	1700	1711
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2019/10/26	13:12:00	0.000	1338	1375	1688	1697
2019/10/26	13:14:00	0.000	1339	1377	1690	1703
2019/10/26	13:16:00	0.000	1344	1373	1699	1705
2019/10/26	13:18:00	0.000	1343	1379	1697	1708
2019/10/26	13:20:00	0.000	1341	1377	1695	1708
2019/10/26	13:22:00	0.000	1345	1383	1696	1703
2019/10/26	13:24:00	0.000	1352	1377	1689	1703
2019/10/26	13:26:00	0.000	1351	1384	1699	1708
2019/10/26	13:28:00	0.000	1347	1384	1696	1705
2019/10/26	13:30:00	0.000	1359	1389	1702	1715
2019/10/26	13:32:00	0.000	1353	1387	1705	1713
2019/10/26	13:34:00	0.000	1333	1371	1689	1707
2019/10/26	13:36:00	0.000	1336	1373	1679	1691
2019/10/26	13:38:00	0.000	1349	1383	1686	1699
2019/10/26	13:40:00	0.000	1349	1387	1690	1700
2019/10/26	13:42:00	0.000	1358	1387	1692	1703
2019/10/26	13:44:00	0.000	1349	1382	1686	1703
2019/10/26	13:46:00	0.000	1356	1385	1695	1702
2019/10/26	13:48:00	0.000	1357	1390	1694	1706
2019/10/26	13:50:00	0.000	1356	1388	1699	1705
2019/10/26	13:52:00	0.000	1345	1390	1694	1705
2019/10/26	13:54:00	0.000	1348	1370	1684	1694
2019/10/26	13:56:00	0.000	1342	1388	1685	1699
2019/10/26	13:58:00	0.000	1342	1374	1685	1690
2019/10/26	14:00:00	0.000	1342	1378	1685	1699
2019/10/26	14:02:00	0.000	1345	1375	1684	1695
2019/10/26	14:04:00	0.000	1337	1373	1683	1692
2019/10/26	14:06:00	0.000	1348	1379	1689	1703

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2019/10/26	14:10:00	0.000	1347	1375	1681	1689
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2019/10/26	14:18:00	0.000	1361	1391	1692	1711
2019/10/26	14:20:00	0.000	1353	1392	1694	1711
2019/10/26	14:22:00	0.000	1342	1384	1682	1703
2019/10/26	14:24:00	0.000	1343	1373	1683	1694
2019/10/26	14:26:00	0.000	1352	1380	1686	1693
2019/10/26	14:28:00	0.000	1348	1382	1689	1697
2019/10/26	14:30:00	0.000	1356	1385	1693	1697
2019/10/26	14:32:00	0.000	1357	1384	1687	1702
2019/10/26	14:34:00	0.000	1343	1382	1692	1702
2019/10/26	14:36:00	0.000	1350	1390	1688	1693
2019/10/26	14:38:00	0.000	1353	1386	1690	1704
2019/10/26	14:40:00	0.000	1348	1382	1693	1705
2019/10/26	14:42:00	0.000	1347	1378	1692	1703
2019/10/26	14:44:00	0.000	1331	1370	1673	1696
2019/10/26	14:46:00	0.000	1339	1383	1696	1711
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2019/10/26	15:00:00	0.000	1348	1381	1685	1698
2019/10/26	15:02:00	0.000	1349	1382	1682	1694
2019/10/26	15:04:00	0.000	1348	1376	1684	1697
2019/10/26	15:06:00	0.000	1347	1383	1690	1703
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2019/10/26	15:18:00	0.000	7	7	296	366
2019/10/26	15:20:00	0.000	7	7	248	296
2019/10/26	15:22:00	0.000	7	7	200	248
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2019/10/26	15:32:00	0.000	7	7	154	162
2019/10/26	15:34:00	0.000	7	7	149	154
2019/10/26	15:36:00	0.000	7	7	143	149
2019/10/26	15:38:00	0.000	7	7	137	143
2019/10/26	15:40:00	0.000	7	7	133	138
2019/10/26	15:42:00	0.000	7	7	131	134
2019/10/26	15:44:00	0.000	7	7	127	131
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2019/10/26	15:54:00	0.000	7	7	112	114
2019/10/26	15:56:00	0.000	7	7	111	113
2019/10/26	15:58:00	0.000	7	7	109	111
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2019/10/26	16:02:00	0.000	7	7	106	108
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2019/10/26	16:16:00	0.000	7	7	96	97
2019/10/26	16:18:00	0.000	7	7	96	97
2019/10/26	16:20:00	0.000	7	7	94	96
2019/10/26	16:22:00	0.000	7	7	94	95
2019/10/26	16:24:00	0.000	7	7	94	95
2019/10/26	16:26:00	0.000	7	7	93	94
2019/10/26	16:28:00	0.000	7	7	93	94
2019/10/26	16:30:00	0.000	7	7	92	93
2019/10/26	16:32:00	0.000	7	7	91	92
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2019/10/26	16:36:00	0.000	7	7	90	91
2019/10/26	16:38:00	0.000	7	7	89	90
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2019/10/26	17:28:00	0.000	7	7	78	79
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2019/10/26	17:32:00	0.000	7	7	78	78
2019/10/26	17:34:00	0.000	7	7	78	78
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2019/10/26	17:38:00	0.000	7	7	76	77
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2019/10/26	17:42:00	0.000	7	7	76	77
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2019/10/26	17:50:00	0.000	7	7	74	75
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2019/10/26	17:56:00	0.000	7	7	73	74
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2019/10/26	18:00:00	0.000	7	7	72	73
2019/10/26	18:02:00	0.000	7	7	72	74
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2019/10/26	18:06:00	0.000	7	7	71	73
2019/10/26	18:08:00	0.000	7	7	71	72
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2019/10/26	18:18:00	0.000	7	7	69	70
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2019/10/26	18:22:00	0.000	7	7	69	69
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2019/10/26	18:26:00	0.000	7	7	68	68
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2019/10/26	18:34:00	0.000	7	7	67	68
2019/10/26	18:36:00	0.000	7	7	67	67
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2019/10/26	18:40:00	0.000	7	7	66	67
2019/10/26	18:42:00	0.000	7	7	66	66
2019/10/26	18:44:00	0.000	7	7	66	66
2019/10/26	18:46:00	0.000	7	7	65	66
2019/10/26	18:48:00	0.000	7	7	65	66
2019/10/26	18:50:00	0.000	7	7	65	65
2019/10/26	18:52:00	0.000	7	7	64	65
2019/10/26	18:54:00	0.000	7	7	64	65
2019/10/26	18:56:00	0.000	7	7	63	64
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2019/10/26	19:40:00	0.000	7	7	58	58
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2019/10/26	19:44:00	0.000	7	7	58	58
2019/10/26	19:46:00	0.000	7	7	57	58
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2019/10/26	19:54:00	0.000	7	7	57	57
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2019/10/26	19:58:00	0.000	7	7	56	57
2019/10/26	20:00:00	0.000	7	7	56	57
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2019/10/26	20:56:00	0.000	2202	2226	1658	1696
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2019/10/26	21:00:00	0.000	2199	2221	1658	1722
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2019/10/26	21:04:00	0.000	2205	2219	1692	1719
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2019/10/28	19:22:00	0.000	38	38	66	66
2019/10/28	19:24:00	0.000	38	38	65	66
2019/10/28	19:26:00	0.000	38	38	65	65
2019/10/28	19:28:00	0.000	38	38	65	65
2019/10/28	19:30:00	0.000	38	38	65	65
2019/10/28	19:32:00	0.000	38	38	65	65
2019/10/28	19:34:00	0.000	38	38	65	65
2019/10/28	19:36:00	0.000	38	42	64	65
2019/10/28	19:38:00	0.000	42	2461	64	1828
2019/10/28	19:40:00	0.000	1870	1853	1673	1687
2019/10/28	19:42:00	0.000	1850	1940	1669	1719
2019/10/28	19:44:00	0.000	1906	2087	1700	1723
2019/10/28	19:46:00	0.000	1873	2037	1678	1700
2019/10/28	19:48:00	0.000	1862	1923	1676	1685
2019/10/28	19:50:00	0.000	1856	1878	1674	1716
2019/10/28	19:52:00	0.000	1850	1882	1703	1717
2019/10/28	19:54:00	0.000	1841	1867	1691	1703
2019/10/28	19:56:00	0.000	1840	1867	1698	1708
2019/10/28	19:58:00	0.000	1839	1864	1685	1698
2019/10/28	20:00:00	0.000	1814	1852	1674	1696
2019/10/28	20:02:00	0.000	1824	1849	1661	1674
2019/10/28	20:04:00	0.000	1810	1834	1671	1684
2019/10/28	20:06:00	0.000	1807	1834	1677	1689
2019/10/28	20:08:00	0.000	1793	1828	1682	1688
2019/10/28	20:10:00	0.000	1769	1813	1674	1693
2019/10/28	20:12:00	0.000	1756	1787	1672	1688
2019/10/28	20:14:00	0.000	1739	1767	1674	1685
2019/10/28	20:16:00	0.000	1720	1756	1681	1692
2019/10/28	20:18:00	0.000	1724	1758	1684	1691
2019/10/28	20:20:00	0.000	1722	1758	1680	1694
2019/10/28	20:22:00	0.000	1722	1755	1675	1691
2019/10/28	20:24:00	0.000	1724	1755	1676	1705
2019/10/28	20:26:00	0.000	1737	1769	1705	1724
2019/10/28	20:28:00	0.000	1757	1789	1715	1729
2019/10/28	20:30:00	0.000	1772	1793	1709	1729
2019/10/28	20:32:00	0.000	1776	1803	1705	1717
2019/10/28	20:34:30	0.000	1769	1786	1673	1705
2019/10/28	20:36:00	0.000	1764	1790	1680	1685
2019/10/28	20:38:00	0.000	1771	1800	1680	1702
2019/10/28	20:40:00	0.000	1777	1812	1693	1708
2019/10/28	20:42:00	0.000	1775	1808	1703	1720

2019/10/28	20:44:00	0.000	1764	1788	1694	1714
2019/10/28	20:46:00	0.000	1758	1778	1668	1694
2019/10/28	20:48:00	0.000	1757	1787	1682	1706
2019/10/28	20:50:00	0.000	1772	1801	1703	1718
2019/10/28	20:52:00	0.000	1772	1797	1702	1716
2019/10/28	20:54:00	0.000	1775	1819	1707	1720
2019/10/28	20:56:00	0.000	179	1824	1695	1714
2019/10/28	20:58:00	0.000	1770	1804	1656	1695
2019/10/28	21:00:00	0.000	1790	1808	1664	1688
2019/10/28	21:02:00	0.000	1806	1832	1688	1720
2019/10/28	21:04:00	0.000	1821	1842	1704	1727
2019/10/28	21:06:00	0.000	1795	1835	1670	1704
2019/10/28	21:08:00	0.000	1764	1809	1669	1689
2019/10/28	21:10:00	0.000	1770	1806	1676	1692
2019/10/28	21:12:00	0.000	178	1927	1686	1709
2019/10/28	21:14:00	0.000	1814	1873	1704	1719
2019/10/28	21:16:00	0.000	1798	1904	1681	1708
2019/10/28	21:18:00	0.000	1776	1845	1665	1690
2019/10/28	21:20:00	0.000	1769	1798	1682	1692
2019/10/28	21:22:00	0.000	1759	1785	1676	1686
2019/10/28	21:24:00	0.000	1741	1767	1670	1681
2019/10/28	21:26:00	0.000	1714	1745	1662	1661
2019/10/28	21:28:00	0.000	1694	1758	1665	1706
2019/10/28	21:30:00	0.000	1706	1737	1706	1733
2019/10/28	21:32:00	0.000	1720	1744	1717	1726
2019/10/28	21:34:00	0.000	1725	1752	1704	1721
2019/10/28	21:36:00	0.000	1718	1743	1680	1705
2019/10/28	21:38:00	0.000	1721	1754	1680	1693
2019/10/28	21:40:00	0.000	1747	1790	1693	1716
2019/10/28	21:42:00	0.000	1764	1794	1712	1724
2019/10/28	21:44:00	0.000	1775	1810	1710	1722
2019/10/28	21:46:00	0.000	1785	1825	1698	1718
2019/10/28	21:48:00	0.000	1758	1794	1671	1698
2019/10/28	21:50:00	0.000	1730	1773	1665	1674
2019/10/28	21:52:00	0.000	1754	1779	1670	1698
2019/10/28	21:54:00	0.000	1749	1880	1691	1701
2019/10/28	21:56:00	0.000	1732	1810	1692	1703
2019/10/28	21:58:00	0.000	1741	1865	1703	1714
2019/10/28	22:00:00	0.000	1739	1776	1707	1720
2019/10/28	22:02:00	0.000	1705	1750	1677	1708
2019/10/28	22:04:00	0.000	1701	1725	1674	1680
2019/10/28	22:06:00	0.000	1703	1742	1667	1684
2019/10/28	22:08:00	0.000	1726	1756	1684	1728
2019/10/28	22:10:00	0.000	1738	1757	1713	1728
2019/10/28	22:12:00	0.000	1723	1751	1702	1714
2019/10/28	22:14:00	0.000	1708	1730	1688	1705
2019/10/28	22:16:00	0.000	1706	1737	1674	1691
2019/10/28	22:18:00	0.000	1711	1739	1679	1692
2019/10/28	22:20:00	0.000	1712	1736	1681	1695
2019/10/28	22:22:00	0.000	1722	1754	1671	1707
2019/10/28	22:24:00	0.000	1712	1740	1695	1709
2019/10/28	22:26:00	0.000	1700	1723	1696	1695
2019/10/28	22:28:00	0.000	1697	1719	1676	1692
2019/10/28	22:30:00	0.000	1693	1720	1679	1688
2019/10/28	22:32:00	0.000	1668	1701	1670	1679
2019/10/28	22:34:00	0.000	1631	1674	1653	1672
2019/10/28	22:36:00	0.000	1626	1651	1660	1681
2019/10/28	22:38:00	0.000	1624	1657	1667	1687
2019/10/28	22:40:00	0.000	1635	1664	1681	1700
2019/10/28	22:42:00	0.000	1643	1665	1700	1711
2019/10/28	22:44:00	0.000	1644	1666	1704	1710
2019/10/28	22:46:00	0.000	1651	1685	1707	1724
2019/10/28	22:48:00	0.000	1672	1703	1712	1736
2019/10/28	22:50:00	0.000	1700	1724	1716	1730
2019/10/28	22:52:00	0.000	1720	1729	1694	1720
2019/10/28	22:54:00	0.000	1692	1729	1684	1700
2019/10/28	22:56:00	0.000	1694	1710	1673	1684
2019/10/28	22:58:00	0.000	169	1718	1674	1687
2019/10/28	23:00:00	0.000	1697	1721	1682	1699
2019/10/28	23:02:00	0.000	1700	1726	1686	1696
2019/10/28	23:04:00	0.000	1702	1729	1688	1699
2019/10/28	23:06:00	0.000	1698	1723	1678	1693
2019/10/28	23:08:00	0.000	1702	1722	1681	1693
2019/10/28	23:10:00	0.000	1705	1737	1686	1697
2019/10/28	23:12:00	0.000	1712	1739	1672	1702
2019/10/28	23:14:00	0.000	1706	1744	1678	1695
2019/10/28	23:16:00	0.000	1702	1728	1693	1700
2019/10/28	23:18:00	0.000	1699	1724	1686	1700
2019/10/28	23:20:00	0.000	1700	1738	1682	1690
2019/10/28	23:22:00	0.000	1711	1800	1683	1690
2019/10/28	23:24:00	0.000	1696	1733	1676	1694
2019/10/28	23:26:00	0.000	1690	1721	1672	1692
2019/10/28	23:28:00	0.000	1679	1723	1667	1708
2019/10/28	23:30:00	0.000	1677	1712	1675	1695
2019/10/28	23:32:00	0.000	1688	1714	1695	1709
2019/10/28	23:34:00	0.000	1684	1706	1691	1700
2019/10/28	23:36:00	0.000	1685	1708	1690	1706
2019/10/28	23:38:00	0.000	1682	1706	1695	1707
2019/10/28	23:40:00	0.000	1672	1702	1676	1695
2019/10/28	23:42:00	0.000	1647	1783	1668	1685
2019/10/28	23:44:00	0.000	1614	1665	1667	1681

2019/10/28	23:46:00	0.000	1592	1623	1670	1681
2019/10/28	23:48:00	0.000	1592	1623	1681	1693
2019/10/28	23:50:00	0.000	1593	1620	1687	1693
2019/10/28	23:52:00	0.000	1592	1622	1687	1698
2019/10/28	23:54:00	0.000	1601	1631	1694	1707
2019/10/28	23:56:00	0.000	1616	1655	1707	1720
2019/10/28	23:58:00	0.000	1637	1673	1720	1728

Attachment C  
O&M Inspection Records

### A-7: Ox Mountain Landfill Weekly Flare Inspection

<b>Technician : Matt Bowman</b>				<b>Date 2019-11-01</b>		
<b>Inlet Sample</b>	CH <sub>4</sub> : 44.9	CO <sub>2</sub> : 33.7	O <sub>2</sub> : 2.9	BAL: 18.5	Inlet Vac: -41.77	Temp: 83.2
Flare Temp: 1695				SCFM: 1480 Totalizer # 4245594701		
			<b>READINGS</b>	<b>COMMENTS</b>		
<b>Flare Station Operations</b>						
Sky Conditions/Ambient Temperature				clear/66		
Verify proper operation & data recording				yes		
Verify Flash memory card recording				yes		
Date flash memory card last changed						
Louver Position %				65 % closed		
Louvers Functioning Properly?				yes		
Verify Panel lights functioning				yes		
Chatterbox O.K./Dial Tone present				yes		
Thermocouple # 1(Bottom) Working?				yes		Temp: 1565
Thermocouple # 2(Middle) Working?				yes		Temp: 1603
Thermocouple # 3(Top) Working?				yes		Temp: 1689
Check for full spare propane tank				yes - 60		
Any Visible Emissions from Flare Stack?				no		
Inlet Fail Safe Valve Last Time Operated / Checked				no		Date:
Check Flow Meter				yes		Date: RECORDING yes
Fire Extinguisher charged and Inspection Card O.K.?				yes		
Flare Stack CO Sample				0		
<b>Flame Arrestor</b>						
Liquids drained from Flame Arrestor/Drain Port Cleaned				no/no		
Flame Arrestor Inlet Pressure – Outlet Pressure – DP <5"				0 - 0		DP 0
<b>Blower</b>						
Blower Outlet Pressure/Blower Inlet vac 301 Operating: yes 302 Operating: no				0 / 0		
Blower hour meter functioning 301				yes		Hours: 36276
Blower hour meter functioning 302				yes		Hours: 26265
Current Blower Amps				301: 0 302: 0		
Non-Running Blower Rotated				yes		
Check Drains and Liquids Drained Properly				301: yes		Date:
				302: yes		
Bearing Temp				301 Inlet: 101 301 Outlet: 89		302 Inlet: 0 302 Outlet: 0
<b>Knock Out Pot</b>						
Inspect Tank and Site Glass				yes		
Pump Working				yes		
Inspect Piping and Valves for Leaks/Damage				yes		
Vac IN – OUT – DP				IN: 0 – OUT: 0 – DP: 0		
<b>Flare Station Integrity</b>						
Foundation Condition				yes		
Piping, valves, electrical in sound condition				yes		
<b>Compressor</b>						
Lower Compressor 1 yes Hours: 12526 run 0 load 92 PSI						
Comments:						



**A-9: Ox Mountain Landfill Weekly Flare Inspection**

<b>Technician : Jack Carroll</b>				<b>Date 2019-11-01</b>		
<b>Inlet Sample</b>	CH <sub>4</sub> : 51.7	CO <sub>2</sub> : 38.7	O <sub>2</sub> : 0.8	BAL: 8.8	Inlet Vac: -49.4	Temp: 75.2
Flare Temp: 104				SCFM: 3650 Totalizer # 6820098743		
				<b>READINGS</b>		<b>COMMENTS</b>
<b>Flare Station Operations</b>						
Sky Conditions/Ambient Temperature				clear/65		
Verify proper operation & data recording				yes		
Verify Flash memory card recording				yes		
Date flash memory card last changed						
Louver Position %				100 % closed		
Louvers Functioning Properly?				yes		
Verify Panel lights functioning				yes		
Chatterbox O.K./Dial Tone present				no		
Thermocouple # 1(Bottom) Working?				yes		Temp: 107
Thermocouple # 2(Middle) Working?				yes		Temp: 107
Thermocouple # 3(Top) Working?				yes		Temp: 109
Check for full spare propane tank				yes - 100		
Any Visible Emissions from Flare Stack?				no		
Inlet Fail Safe Valve Last Time Operated / Checked				yes		Date:
Check Flow Meter				yes		Date: RECORDING yes
Fire Extinguisher charged and Inspection Card O.K.?				yes		
Flare Stack CO Sample				0		
<b>Flame Arrestor</b>						
Liquids drained from Flame Arrestor/Drain Port Cleaned				no/no		
Flame Arrestor Inlet Pressure – Outlet Pressure – DP <5"				0 - 0		DP 0
<b>Blower</b>						
Blower Outlet Pressure/Blower Inlet vac 301 Operating: no 302 Operating: no				0 / 0		
Blower hour meter functioning 301				yes		Hours: 14564
Blower hour meter functioning 302				yes		Hours: 32166
Current Blower Amps				301: 0 302: 0		
Non-Running Blower Rotated				yes		
Check Drains and Liquids Drained Properly				301: no		Date:
				302: no		
Bearing Temp				301 Inlet: 0 301 Outlet: 0		302 Inlet: 0 302 Outlet: 0
<b>Knock Out Pot</b>						
Inspect Tank and Site Glass				yes		
Pump Working				no		
Inspect Piping and Valves for Leaks/Damage				yes		
Vac IN – OUT – DP				IN: 0 – OUT: 0 – DP: 0		
<b>Flare Station Integrity</b>						
Foundation Condition				yes		
Piping, valves, electrical in sound condition				yes		
<b>Compressor</b>						
Lower Compressor 1 no Hours: 0 run 0 load 0 PSI						
Comments:						



December 13, 2019

Ms. Nimrat Sandhu  
Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Well Startup Notification  
Ox Mountain Landfill, Facility A2266  
Title V Permit Condition Number 10164, Part 17

Dear Ms. Sandhu:

Tetra Tech BAS, Inc. (Tetra Tech) submits this letter on behalf of Browning-Ferris Industries of California, Inc. (BFI) to notify the Bay Area Air Quality Management District (BAAQMD) of the startup of one horizontal collector at the Ox Mountain Landfill (Ox Mountain) (Facility Number A2266) pursuant to the Title V Permit Condition Number 10164, Part 17 and Change of Permit Conditions Application Number (A/N) 27710.

In accordance with the approved A/N 27710, Ox Mountain is approved for the installation of up to 100 new vertical LFG extraction wells, 20 horizontal collectors, the decommissioning of up to 150 vertical LFG extraction wells and 15 horizontal collectors, and unlimited vertical well replacements. This notification is being made pursuant to Title V Permit Condition Number 10164, Part 17(b)(iv), which states that the permit holder shall submit notification to the BAAQMD at least three days prior to the startup of a component connected to the gas collection and control system (GCCS) and within three days after the decommissioning of a component connected to the GCCS.

Pursuant to A/N 27710, the following table is a summation of the well action detailed in this notification letter:

Well ID	Well Action	Date/Time Action Taken
OXHC1922	Horizontal Collector Startup	December 17, 2019 before 17:00

In accordance with Title V Permit Condition Number 10164 Part 17(b)(vii), if the Permit Holder has a net reduction of more than five components within a 120-day period, the Permit Holder shall submit a more comprehensive decommissioning notification to the BAAQMD. With the startup of one horizontal collector, the GCCS at Ox Mountain has not had a net reduction of five or more components within the previous 120-days of these well actions. Therefore, no further details are required with this submittal.

Ms. Nimrat Sandhu  
December 13, 2019

The following table shows the status of decommissions and installations for A/N 27710.


Action	Permitted Actions Per Application Number 27710	Remaining Actions Per Application Number 27710
Vertical Gas Extraction Well Installations	100	26
Horizontal Collector Installations	20	17
Vertical Gas Extraction Well Decommissions	150	91
Horizontal Collector Decommissions	15	8
Vertical Well Replacements	Unlimited	Unlimited

With the startup of one horizontal collector, there are currently 183 vertical LFG extraction wells, 18 vertical LFG extraction wells that operate less than continuously (LTCO), seven horizontal collectors, and six leachate clean-out risers (LCRS) connected to the GCCS at Ox Mountain.

If you have any questions regarding this notification, please do not hesitate to call Kendra Kent at (520) 526-7270 or by email at [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com).

Sincerely,

**TETRA TECH,**

  
Meng Yuan  
Environmental Scientist

  
Kendra Kent  
Project Manager

cc: Agustin Moreno, BFI  
Kieran Carroll, BFI  
Jennifer Baker, BEL Engineering



January 30, 2020

Ms. Nimrat Sandhu  
Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Well Decommissioning Notification  
Ox Mountain Landfill, Facility A2266  
Title V Permit Condition Number 10164, Part 17

Dear Ms. Sandhu:

Tetra Tech BAS, Inc. (Tetra Tech) submits this letter on behalf of Browning-Ferris Industries of California, Inc. (BFI) to notify the Bay Area Air Quality Management District (BAAQMD) of the decommissioning of one vertical well at the Ox Mountain Landfill (Ox Mountain) (Facility Number A2266) pursuant to the Title V Permit Condition Number 10164, Part 17 and Change of Permit Conditions Application Number (A/N) 27710.

In accordance with the approved A/N 27710, Ox Mountain is approved for the installation of up to 100 new vertical landfill gas (LFG) extraction wells, 20 horizontal collectors, the decommissioning of up to 150 vertical LFG extraction wells and 15 horizontal collectors, and unlimited vertical well replacements. This notification is being made pursuant to Title V Permit Condition Number 10164, Part 17(b)(iv), which states that the permit holder shall submit notification to the BAAQMD at least three days prior to the startup of a component connected to the gas collection and control system (GCCS) and within three days after the decommissioning of a component connected to the GCCS.

Pursuant to A/N 27710, the following table is a summation of the well action detailed in this notification letter:

Well ID	Well Action	Date/Time Action Taken	Reason
OXEW1606	Vertical Well Decommissioning	January 29, 2020 at 14:37	Poor Gas Quality

In accordance with Title V Permit Condition Number 10164 Part 17(b)(vii), if the Permit Holder has a net reduction of more than five components within a 120-day period, the Permit Holder shall submit a more comprehensive decommissioning notification to the BAAQMD. With the decommissioning of this one vertical collector, the GCCS at Ox Mountain has not had a net reduction of five or more components within the previous 120-days of these well actions. Therefore, no further details are required with this submittal.

Ms. Nimrat Sandhu  
January 30, 2020

The following table shows the status of decommissions and installations for A/N 27710.

Action	Permitted Actions Per Application Number 27710	Remaining Actions Per Application Number 27710
Vertical Gas Extraction Well Installations	100	26
Horizontal Collector Installations	20	17
Vertical Gas Extraction Well Decommissions	150	90
Horizontal Collector Decommissions	15	8
Vertical Well Replacements	Unlimited	Unlimited

With the decommissioning of one vertical well there are currently 182 vertical LFG extraction wells, 18 vertical LFG extraction wells that operate less than continuously (LTCO), seven horizontal collectors, and six leachate clean-out risers (LCRS) connected to the GCCS at Ox Mountain.

If you have any questions regarding this notification, please do not hesitate to call Kendra Kent at (520) 526-7270 or by email at [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com).

Sincerely,

**TETRA TECH,**



Nat Israel  
Environmental Scientist



Kendra Kent  
Project Manager

cc: Agustin Moreno, BFI  
Kieran Carroll, BFI  
Jennifer Baker, BEL Engineering



Ox Mountain Landfill 12310 San Mateo Road, Half Moon Bay, CA 94019  
o 650.726.1819 republicservices.com

February 27, 2020

Ms. Nimrat Sandhu  
Air Quality Engineer  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, CA 94105

Re: Emission Reduction Credit Transfer – Precursor Organic Compounds (POC)  
From West Contra Sanitary Landfill (Facility Number A1840) To Ox Mountain Landfill  
(Facility Number A2266)

Dear Ms. Sandhu:

Browning-Ferris Industries of California, Inc. (BFI), the owner and operator of the Ox Mountain Landfill (Ox Mountain), is submitting this application for the transfer of POC emission reduction credits (ERCs) from West Contra Costa Sanitary Landfill Certificate Number 1513 to the Ox Mountain Landfill, Facility Number A2266.

In accordance with previous correspondence from the Bay Area Air Quality Management District (BAAQMD) on February 4, 2020, Application Number (A/N) 27710 requires 0.0054 tons per year (tpy) of POC offsets. BFI requests the transfer of 0.0054 tpy of POC from West Contra Costa Sanitary Landfill Certificate Number 1513, which currently has 4.027 tpy of POC ERCs available. With this transfer of POC and the receipt of purchased ERCs for NOx which should be received from the contracted broker, all requirements for A/N 30253 offsets shall be fulfilled.

If you have any questions regarding this report, please do not hesitate to contact Kendra Kent at [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com) or at (520) 526-7270.

Sincerely,

A handwritten signature in black ink, appearing to read "Agustin Moreno".

Agustin Moreno  
Division Manager  
Ox Mountain Landfill

Enclosures: BAAQMD Form P-402

cc: Kieran Carroll, BFI  
Jennifer Baker, BEL Engineering  
Kendra Kent, Tetra Tech  
Suzan Pankenier, Tetra Tech



**BAY AREA** 375 Beale Street, Suite 600  
**AIR QUALITY** San Francisco, CA 94105  
**MANAGEMENT** (415) 749-4990 Fax (415) 749-5030  
**DISTRICT** www.baaqmd.gov

**FORM P- 402**

**Emission Reduction Credits  
 Transfer of Ownership**

**Application No.** 30253

*This form is to be completed by the owner of record of the emission reduction credit (ERC) certificate. Regulation 2-4-412.3 requires that the certificate owner sign and surrender the certificate to the District. Please write "Surrendered to BAAQMD by" and sign and date the surrendered certificate. Indicate the quantity of ERCs that are to be transferred in the table below. Any remaining balance will be reissued to the owner as a new certificate unless instructed otherwise. The California Health and Safety Code section 40709. 5 requires that the District collect information regarding the cost of offsets in dollars per ton. This data is published annually by the Air Resources Board in its cost of emission offsets report. The processing fee for ERC transfers is stated in Regulation 3-311.3.*

**Surrendered certificate:**

Certificate No. 1513 Owner of Record West Contra Costa Sanitary Landfill, Inc.

Pollutant	PM <sub>2.5</sub>	PM <sub>10</sub>	POC	NOx	SO <sub>2</sub>	CO	Other:
tons/year			0.0054				
\$/ton							

**Application contact for questions regarding this transaction:**

Application Contact Kendra Kent  
 Title Project Manager  
 Company Tetra Tech  
 Address 800 East Wetmore Road, Suite 230  
 City Tuscon State Arizona Zip 85719  
 Telephone (520) 526-7270 Fax \_\_\_\_\_  
 Email kendra.kent@tetrattech.com

**Transfer the above credits to:**

New Owner Ox Mountain Landfill  
 Name of Contact Agustin Moreno  
 Title Division Manager  
 Address 12310 San Mateo Road  
 City Half Moon Bay State California Zip 94019  
 Telephone (650) 713-3620 Fax (650) 730-7283  
 Email AMoreno2@republicservices.com

**Comments or special instructions:** Please apply Credits to Application Number 30253 for Ox Mountain Landfill (BAAQMD Facility Number A2266).

**From:** Kent, Kendra  
**To:** Nimrat Sandhu (nsandhu@baaqmd.gov)  
**Cc:** \*Kieran Carroll\*; Agustin Moreno; Pankajenier, Suzan; Yuan, Meng  
**Subject:** Ox Mountain - Facility A2266 - Outstanding Applications  
**Date:** Monday, March 9, 2020 11:01:00 AM  
**Attachments:** image002.png  
 image004.png  
 image006.png  
 image008.png  
 image010.png

Nimrat,

Per your request, I've compiled all the outstanding applications for Ox Mountain in the table below. Since I wasn't sure of the current status of the Tipper Application, I've included it in the table highlighted in yellow. If you know that will be issued this week, please let me know as that would be one less in this list.

Additionally, I checked with the site and none of the applications were submitted in response to any type of violation or known compliance exceedance.

Landfill Site	Application No.	Item	Submission and Follow-up Dates	BAAQMD Representative Assigned	Status
Ox Mountain	28767	S25 Tipper Engine	Submitted 10/26/2016 ATC issued 5/9/2018 exp 5/8/2020	Davis Zhu	PTO pending application of offsets with S26 Tipper Appl.
Ox Mountain	28883	Design Capacity Correction	Submitted 9/25/2017	Davis Zhu	Unknown
Ox Mountain	28963	A8 Flare Decom Application	Submitted 10/24/2017	Davis Zhu	Combined – Status Unknown
Ox Mountain	29531	COPC Application requesting that the current permitted cumulative flow to the A-7, A-8, and A-9 Flares be revised to accommodate the removal of A8	Submitted 6/11/2018		
Ox Mountain	29530	Title V Renewal	Submitted 9/13/2018	Davis Zhu transferred to Nimrat Sandhu	Unknown
Ox Mountain	29570	Vehicle Miles Application/Response Letter	Submitted 10/17/2018 3rd Request for Information February 2020	Snigdha Mehta - BAAQMD	In process – 3rd response to comments being drafted
Ox Mountain	29760	HOV/LTCO Application	Submitted 1/21/2019	Davis Zhu	Was supposed to be finalized end of 2019 per Davis – nothing received to date.
Ox Mountain	30253/30255	S26 Tipper Engine	Submitted 12/3/2019	Nimrat Sandhu - BAAQMD	Issuance Pending – Hopefully this week (3/9-3/13)

Let me know if you need anything else.

Thanks,  
Kendra

**Kendra Kent** | Environmental Scientist  
 Direct +1 (520) 526-7270 | Mobile +1 (520) 275-0189 | Fax +1 (520) 888-4804 | kendra.kent@tetratech.com

**Tetra Tech** | Complex World, Clear Solutions™  
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Browning-Ferris Industries of California, Inc. - Ox Mountain Landfill  
12310 San Mateo Road, Half Moon Bay, CA 94019  
P: 650.726.1819 republicservices.com

March 13, 2020

Mr. Raymond Salalila  
Air Quality Specialist II  
Compliance and Enforcement Division  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600  
San Francisco, California 94105  
[RSalalila@baaqmd.gov](mailto:RSalalila@baaqmd.gov)

Ms. Mei Fong  
Air Resources Engineer  
California Air Resources Board  
P.O. Box 2815  
Sacramento, California 95182  
[Mei.fong@arb.ca.gov](mailto:Mei.fong@arb.ca.gov)  
[LMR@arb.ca.gov](mailto:LMR@arb.ca.gov)

Re: Ox Mountain Landfill  
CalRecycle Solid Waste Information System Number: 41-AA-0002  
2019 Landfill Methane Rule Annual Report

Dear Mr. Salalila and Ms. Fong:

As required by the California Air Resources Board (CARB), California Code of Regulations (CCR) Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 6 "Methane Emissions from Municipal Solid Waste Landfills", Section §95470(b)(3) Landfill Methane Rule (LMR), attached is the 2019 Annual Report for the Ox Mountain Landfill (Ox Mountain) for the reporting period of January 1, 2019 through December 31, 2019. In accordance with the Memorandum of Understanding (MOU) signed between the CARB and the BAAQMD on August 29, 2011, the BAAQMD was named the EO for enforcement of the State's LMR regulation for landfills under the BAAQMD's jurisdiction.

I certify that, based on information and belief formed after reasonable inquiry, the statements contained in this document are true, accurate, and complete.

Sincerely,

Browning-Ferris Industries of California, Inc.

A handwritten signature in black ink, appearing to read "Michael Mahoney".

Michael Mahoney  
General Manager

Enclosure: Ox Mountain Landfill 2019 LMR Annual Report

## Kent, Kendra

---

**From:** Raymond Salalila <RSalalila@baaqmd.gov>  
**Sent:** Monday, March 16, 2020 7:56 AM  
**To:** Kent, Kendra  
**Subject:** RE: Ox Mountain Landfill 2019 Annual AB-32 Landfill Methane Rule Report (Part 1 of 3)

Ox Mountain AB32 2019 LMR Report received.

Thank you,

### Raymond Salalila

Air Quality Specialist  
Compliance and Enforcement Division  
Bay Area Air Quality Management District  
375 Beale Street, Suite 600, San Francisco, CA 94105-2097  
Tel: 415.749.4704 Cell: 415.760.1094  
[rsalalila@baaqmd.gov](mailto:rsalalila@baaqmd.gov)



---

**From:** Kent, Kendra <Kendra.Kent@tetrattech.com>  
**Sent:** Friday, March 13, 2020 4:30 PM  
**To:** Raymond Salalila <RSalalila@baaqmd.gov>; ARB Landfill Methane Regulation (LMR) <LMR@arb.ca.gov>  
**Cc:** Agustin Moreno <amoreno2@republicservices.com>; Carroll, Kieran <KCarroll2@republicservices.com>; Pankenier, Suzan <Suzan.Pankenier@tetrattech.com>; Yuan, Meng <Meng.Yuan@tetrattech.com>  
**Subject:** Ox Mountain Landfill 2019 Annual AB-32 Landfill Methane Rule Report (Part 1 of 3)

Dear Mr. Salalila and CARB LMR Group,

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (Facility A2266), Tetra Tech is submitting the attached 2019 Annual AB-32 Landfill Methane Rule Report for your review. The report is being submitted by email only. Hardcopies are available upon request. Due to file size, the report will be sent in a total of three (3) parts. This is Part 1 of 3.

If you could confirm your receipt of the entire report, it would be appreciated.

Please let us know if you have any questions.

Thanks,  
Kendra

**Kendra Kent** | Environmental Scientist

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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## Kent, Kendra

---

**From:** ARB Landfill Methane Regulation (LMR) <LMR@arb.ca.gov>  
**Sent:** Monday, March 16, 2020 12:14 PM  
**To:** Kent, Kendra; ARB Landfill Methane Regulation (LMR)  
**Cc:** Agustin Moreno; Carroll, Kieran; Pankenier, Suzan; Yuan, Meng  
**Subject:** RE: Ox Mountain Landfill 2019 Annual AB-32 Landfill Methane Rule Report (Part 1 of 3)

Received all three parts.  
Best regards,  
Mei



Mei Fong  
Air Resources Engineer  
Industrial Strategies Division  
1001 I Street  
Sacramento CA 95814  
916.324.2570

---

**From:** Kent, Kendra <Kendra.Kent@tetrattech.com>  
**Sent:** Friday, March 13, 2020 4:30 PM  
**To:** Raymond Salalila <RSalalila@baaqmd.gov>; ARB Landfill Methane Regulation (LMR) <LMR@arb.ca.gov>  
**Cc:** Agustin Moreno <AMoreno2@republicservices.com>; Carroll, Kieran <KCarroll2@republicservices.com>; Pankenier, Suzan <Suzan.Pankenier@tetrattech.com>; Yuan, Meng <Meng.Yuan@tetrattech.com>  
**Subject:** Ox Mountain Landfill 2019 Annual AB-32 Landfill Methane Rule Report (Part 1 of 3)

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Dear Mr. Salalila and CARB LMR Group,

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (Facility A2266), Tetra Tech is submitting the attached 2019 Annual AB-32 Landfill Methane Rule Report for your review. The report is being submitted by email only. Hardcopies are available upon request. Due to file size, the report will be sent in a total of three (3) parts. This is Part 1 of 3.

If you could confirm your receipt of the entire report, it would be appreciated.

Please let us know if you have any questions.

Thanks,  
Kendra

**Kendra Kent** | Environmental Scientist  
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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**TETRA TECH**

## 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, 2019 through March 31, 2020									
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: OXEWHC6A									
X Startup Event	10/01/19 17:11	10/01/19 17:13	0.03		Vertical well startup pursuant to Application Number (A/N) 27710.	113: Inspection and Maintenance	10/1/2019	X	Manual
Shutdown Event						X			Automatic
Malfunction Event									
Well ID Number:									
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
						118: Construction Activities			
Well ID Number: OXEW1708									
Startup Event	10/07/19 12:45	10/07/19 12:47	0.03		Vertical well decommissioning pursuant to A/N 27710.	113: Inspection and Maintenance	10/7/2019	X	Manual
X Shutdown Event						X			Automatic
Malfunction Event									
Well ID Number:									
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
						118: Construction Activities			
Well ID Number: OXLCRS01									
Startup Event	10/09/19 14:32	10/09/19 14:34	0.03		Leachate cleanout riser system (LCRS) decommissioning pursuant to A/N 27710.	113: Inspection and Maintenance	10/9/2019	X	Manual
X Shutdown Event						X			Automatic
Malfunction Event									
Well ID Number:									
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
						118: Construction Activities			
Well ID Number: OXEW1814									
Startup Event	11/04/19 11:05	11/04/19 11:07	0.03		Vertical well decommissioning pursuant to A/N 27710.	113: Inspection and Maintenance	11/4/2019	X	Manual
X Shutdown Event						X			Automatic
Malfunction Event									
Well ID Number:									
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
						118: Construction Activities			
Well ID Number: OXHC1922									
X Startup Event	12/17/19 12:32	12/17/19 12:34	0.03		Horizontal collector startup pursuant to A/N 27710.	113: Inspection and Maintenance	12/17/2019	X	Manual
Shutdown Event						X			Automatic
Malfunction Event									
Well ID Number:									
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
						118: Construction Activities			
Well ID Number: OXEW1606									
Startup Event	1/29/20 14:37	1/29/20 14:39	0.03		Vertical well decommissioning pursuant to A/N 27710.	113: Inspection and Maintenance	1/29/2020	X	Manual
X Shutdown Event						X			Automatic
Malfunction Event									
Well ID Number:									
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
						118: Construction Activities			

## 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 April 1, 2019 through September 30, 2019										
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	10/09/19 03:16	10/09/19 03:18	0.03	7.30 hours	Automatic shutdown due to high temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/9/2019	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	10/09/19 10:34	10/09/19 10:36	0.03			20.73 hours	Automatic shutdown due to Pacific Gas and Electric (PG&E) Public Safety Power Shutoff (PSPS).	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/9/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	10/10/19 00:28	10/10/19 00:30	0.03	13.90 hours	Automatic shutdown due to high temperature.			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/10/2019	Manual
<input type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	10/10/19 21:12	10/10/19 21:14	0.03			0.53 hours	Automatic shutdown due to high temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/10/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	10/13/19 19:10	10/13/19 19:12	0.03	0.57 hours	Automatic shutdown due to BL-301 Variable Frequency Drive (VFD) failure.			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/13/2019	Manual
<input type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	10/14/19 09:04	10/14/19 09:06	0.03			1.37 hours	Automatic shutdown due to BL-301 VFD failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/14/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	10/24/19 13:54	10/24/19 13:56	0.03	0.57 hours	Automatic shutdown due to BL-301 VFD failure.			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/24/2019	Manual
<input type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	10/24/19 14:26	10/24/19 14:28	0.03			0.57 hours	Automatic shutdown due to BL-301 VFD failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/24/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	10/25/19 16:32	10/25/19 16:34	0.03	0.57 hours	Automatic shutdown due to BL-301 VFD failure.			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/25/2019	Manual
<input type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	10/25/19 17:06	10/25/19 17:08	0.03			1.37 hours	Automatic shutdown due to BL-301 VFD failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/25/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	10/25/19 17:12	10/25/19 17:14	0.03	1.37 hours	Automatic shutdown due to BL-301 VFD failure.			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/25/2019	Manual
<input type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	10/25/19 18:34	10/25/19 18:36	0.03			1.37 hours	Automatic shutdown due to BL-301 VFD failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	10/25/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From April 1, 2019 through September 30, 2019								
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						X 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	10/26/19 15:10	10/26/19 15:12	0.03	5.17 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	10/26/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	10/26/19 20:20	10/26/19 20:22	0.03			<input type="checkbox"/> 116: Well Raising	10/26/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						X 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	10/26/19 21:18	10/26/19 21:20	0.03	46.37 hours	Automatic shutdown due to PG&E PSPS.	<input type="checkbox"/> 116: Well Raising	10/26/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	10/28/19 19:40	10/28/19 19:42	0.03			<input type="checkbox"/> 116: Well Raising	10/28/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						X 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	10/30/19 00:10	10/30/19 00:12	0.03	11.77 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	10/30/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	10/30/19 11:56	10/30/19 11:58	0.03			<input type="checkbox"/> 116: Well Raising	10/30/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						X 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/06/19 23:58	11/07/19 00:00	0.03	9.87 hours	Automatic shutdown due to low temperature.	<input type="checkbox"/> 116: Well Raising	11/7/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/07/19 09:50	11/07/19 09:52	0.03			<input type="checkbox"/> 116: Well Raising	11/7/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						X 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/07/19 10:12	11/07/19 10:14	0.03	0.10 hours	Automatic shutdown due to low temperature.	<input type="checkbox"/> 116: Well Raising	11/7/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/07/19 10:18	11/07/19 10:20	0.03			<input type="checkbox"/> 116: Well Raising	11/7/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						X 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/07/19 10:38	11/07/19 10:40	0.03	0.07 hours	Automatic shutdown due to low temperature.	<input type="checkbox"/> 116: Well Raising	11/7/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/07/19 10:42	11/07/19 10:44	0.03			<input type="checkbox"/> 116: Well Raising	11/7/2019	X
<input type="checkbox"/> Shutdown Event						<input 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 April 1, 2019 through September 30, 2019										
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	11/07/19 13:50	11/07/19 13:52	0.03	1.70 hours	Automatic shutdown due to high temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/7/2019	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	11/07/19 15:32	11/07/19 15:34	0.03			1.70 hours	Automatic shutdown due to high temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/7/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	11/08/19 04:32	11/08/19 04:34	0.03	5.57 hours	Automatic shutdown due to low temperature.			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/8/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	11/08/19 10:06	11/08/19 10:08	0.03			5.57 hours	Automatic shutdown due to low temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/8/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	11/08/19 10:10	11/08/19 10:12	0.03	0.03 hours	Automatic shutdown due to high temperature.			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/8/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	11/08/19 10:12	11/08/19 10:14	0.03			0.03 hours	Automatic shutdown due to high temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/8/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	11/13/19 07:32	11/13/19 07:34	0.03	2.50 hours	Automatic shutdown due to low temperature.			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/13/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	11/13/19 10:02	11/13/19 10:04	0.03			2.50 hours	Automatic shutdown due to low temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/13/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	11/14/19 05:50	11/14/19 05:52	0.03	2.97 hours	Automatic shutdown due to low temperature.			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/14/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	11/14/19 08:48	11/14/19 08:50	0.03			2.97 hours	Automatic shutdown due to low temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/14/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	11/14/19 09:10	11/14/19 09:12	0.03	1.03 hours	Automatic shutdown due to low temperature.			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/14/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>							
Component: A-7 Flare	11/14/19 10:12	11/14/19 10:14	0.03			1.03 hours	Automatic shutdown due to low temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/14/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event				<input type="checkbox"/> 117: Gas Collection						
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	<input type="checkbox"/>	<input type="checkbox"/>							

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From April 1, 2019 through September 30, 2019								
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 checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/14/19 15:20	11/14/19 15:22	0.03	0.57 hours	Automatic shutdown due to low temperature.	<input type="checkbox"/> 116: Well Raising	11/14/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/14/19 15:54	11/14/19 15:56	0.03			<input type="checkbox"/> 116: Well Raising	11/14/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/14/19 15:58	11/14/19 16:00	0.03	0.30 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	11/14/2019	
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/14/19 16:16	11/14/19 16:18	0.03			<input type="checkbox"/> 116: Well Raising	11/14/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/15/19 09:02	11/15/19 09:04	0.03	1.47 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	11/15/2019	
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/15/19 10:30	11/15/19 10:32	0.03			<input type="checkbox"/> 116: Well Raising	11/15/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/15/19 10:38	11/15/19 10:40	0.03	0.23 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	11/15/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/15/19 10:52	11/15/19 10:54	0.03			<input type="checkbox"/> 116: Well Raising	11/15/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/16/19 03:48	11/16/19 03:50	0.03	7.10 hours	Automatic shutdown due to low temperature.	<input type="checkbox"/> 116: Well Raising	11/16/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/16/19 10:54	11/16/19 10:56	0.03			<input type="checkbox"/> 116: Well Raising	11/16/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/16/19 10:56	11/16/19 10:58	0.03	0.23 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	11/16/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/16/19 11:10	11/16/19 11:12	0.03			<input type="checkbox"/> 116: Well Raising	11/16/2019	X
<input type="checkbox"/> Shutdown Event						<input 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 April 1, 2019 through September 30, 2019								
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 checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/17/19 01:34	11/17/19 01:36	0.03	7.50 hours	Automatic shutdown due to low temperature.	<input type="checkbox"/> 116: Well Raising	11/17/2019	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input type="checkbox"/> 118: Construction Activities
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/17/19 09:04	11/17/19 09:06	0.03			<input type="checkbox"/> 116: Well Raising	11/17/2019	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
Component: A-7 Flare						<input type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/18/19 09:56	11/18/19 09:58	0.03	0.63 hours	Automatic shutdown due to low DC voltage.	<input type="checkbox"/> 116: Well Raising	11/18/2019	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input type="checkbox"/> 118: Construction Activities
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/18/19 10:34	11/18/19 10:36	0.03			<input type="checkbox"/> 116: Well Raising	11/18/2019	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
Component: A-7 Flare						<input type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/18/19 10:40	11/18/19 10:42	0.03	0.10 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	11/18/2019	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input type="checkbox"/> 118: Construction Activities
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/18/19 10:46	11/18/19 10:48	0.03			<input type="checkbox"/> 116: Well Raising	11/18/2019	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
Component: A-7 Flare						<input type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/18/19 15:48	11/18/19 15:50	0.03	0.57 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	11/18/2019	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input type="checkbox"/> 118: Construction Activities
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/18/19 16:22	11/18/19 16:24	0.03			<input type="checkbox"/> 116: Well Raising	11/18/2019	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
Component: A-7 Flare						<input type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/19/19 13:12	11/19/19 13:14	0.03	1.00 hours	Manual shutdown due to flare maintenance.	<input type="checkbox"/> 116: Well Raising	11/19/2019	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input type="checkbox"/> 118: Construction Activities
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/19/19 14:12	11/19/19 14:14	0.03			<input type="checkbox"/> 116: Well Raising	11/19/2019	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
Component: A-7 Flare						<input type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/20/19 18:58	11/20/19 19:00	0.03	2.77 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	11/20/2019	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input type="checkbox"/> 118: Construction Activities
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/20/19 21:44	11/20/19 21:46	0.03			<input type="checkbox"/> 116: Well Raising	11/20/2019	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
Component: A-7 Flare						<input type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		Automatic
<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 April 1, 2019 through September 30, 2019								
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	11/20/19 22:36	11/20/19 22:38	0.03	11.63 hours	Automatic shutdown due to high temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/20/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare	11/21/19 10:14	11/21/19 10:16	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/21/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare	11/21/19 10:22	11/21/19 10:24	0.03	0.53 hours	Automatic shutdown due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/21/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare	11/21/19 10:54	11/21/19 10:56	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/21/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare	11/21/19 10:56	11/21/19 10:58	0.03	0.37 hours	Automatic shutdown due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/21/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare	11/21/19 11:18	11/21/19 11:20	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/21/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare	11/21/19 21:42	11/21/19 21:44	0.03	13.37 hours	Automatic shutdown due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/21/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare	11/22/19 11:04	11/22/19 11:06	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/22/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare	11/22/19 11:08	11/22/19 11:10	0.03	0.10 hours	Automatic shutdown due to high temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/22/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare	11/22/19 11:14	11/22/19 11:16	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/22/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare	11/24/19 00:28	11/24/19 00:30	0.03	11.60 hours	Automatic shutdown due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/24/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare	11/24/19 12:04	11/24/19 12:06	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/24/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input 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 April 1, 2019 through September 30, 2019								
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 checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/24/19 23:08	11/24/19 23:10	0.03	10.00 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	11/24/2019	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/25/19 09:08	11/25/19 09:10	0.03	0.33 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	11/25/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/25/19 09:42	11/25/19 09:44	0.03	0.20 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	11/25/2019	
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/25/19 10:02	11/25/19 10:04	0.03	6.33 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	11/26/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/25/19 10:06	11/25/19 10:08	0.03	15.27 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	11/26/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/25/19 10:18	11/25/19 10:20	0.03	3.53 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	11/27/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/26/19 04:12	11/26/19 04:14	0.03	11.27 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	11/28/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/26/19 10:32	11/26/19 10:34	0.03	15.27 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	11/27/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/26/19 19:32	11/26/19 19:34	0.03	15.27 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	11/27/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/27/19 10:48	11/27/19 10:50	0.03	3.53 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	11/28/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	11/28/19 08:12	11/28/19 08:14	0.03	3.53 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	11/28/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	11/28/19 11:44	11/28/19 11:46	0.03	3.53 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	11/28/2019	X
<input type="checkbox"/> Shutdown Event						<input 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 April 1, 2019 through September 30, 2019								
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	11/29/19 02:10	11/29/19 02:12	0.03	9.50 hours	Automatic shutdown due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/29/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	11/29/19 11:40	11/29/19 11:42	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/29/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	11/29/19 11:42	11/29/19 11:44	0.03	0.07 hours	Automatic shutdown due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/29/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	11/29/19 11:46	11/29/19 11:48	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/29/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	11/29/19 14:28	11/29/19 14:30	0.03	3.10 hours	Automatic shutdown due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/29/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	11/29/19 17:34	11/29/19 17:36	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/29/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	11/30/19 00:26	11/30/19 00:28	0.03	11.57 hours	Automatic shutdown due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/30/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	11/30/19 12:00	11/30/19 12:02	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	11/30/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/01/19 06:06	12/01/19 06:08	0.03	28.43 hours	Automatic shutdown due to main power failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/1/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/02/19 10:32	12/02/19 10:34	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/2/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare	12/02/19 12:02	12/02/19 12:04	0.03	1.77 hours	Automatic shutdown due to high temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/2/2019	Manual
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities	X	Automatic
Component: A-7 Flare	12/02/19 13:48	12/02/19 13:50	0.03			<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/2/2019	Manual
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event						<input 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 April 1, 2019 through September 30, 2019								
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						X 113: Inspection and Maintenance		Manual
<input type="checkbox"/> Startup Event	12/02/19 13:50	12/02/19 13:52	0.03	0.93 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	12/2/2019	X Automatic
X <input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual
X <input type="checkbox"/> Startup Event	12/02/19 14:46	12/02/19 14:48	0.03	0.87 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	12/2/2019	X 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-7 Flare						X 113: Inspection and Maintenance		Manual
<input type="checkbox"/> Startup Event	12/02/19 14:48	12/02/19 14:50	0.03	0.87 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	12/2/2019	X Automatic
X <input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual
X <input type="checkbox"/> Startup Event	12/02/19 15:40	12/02/19 15:42	0.03	0.03 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	12/2/2019	X 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-7 Flare						X 113: Inspection and Maintenance		Manual
<input type="checkbox"/> Startup Event	12/04/19 03:28	12/04/19 03:30	0.03	0.03 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	12/4/2019	X Automatic
X <input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual
X <input type="checkbox"/> Startup Event	12/04/19 03:30	12/04/19 03:32	0.03	5.10 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	12/4/2019	X 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-7 Flare						X 113: Inspection and Maintenance		Manual
<input type="checkbox"/> Startup Event	12/04/19 05:22	12/04/19 05:24	0.03	3.33 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	12/16/2019	X Automatic
X <input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual
X <input type="checkbox"/> Startup Event	12/16/19 08:28	12/16/19 08:30	0.03	1.30 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	12/17/2019	X 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-7 Flare						X 113: Inspection and Maintenance		Manual
X <input type="checkbox"/> Startup Event	12/16/19 11:48	12/16/19 11:50	0.03	1.30 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	12/17/2019	X 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-7 Flare						X 113: Inspection and Maintenance		Manual
<input type="checkbox"/> Startup Event	12/17/19 15:28	12/17/19 15:30	0.03	1.30 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	12/17/2019	X Automatic
X <input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual
X <input type="checkbox"/> Startup Event	12/17/19 16:46	12/17/19 16:48	0.03	1.30 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	12/17/2019	X Automatic
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		

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**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - From April 1, 2019 through September 30, 2019										
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	12/17/19 16:48	12/17/19 16:50	0.03	1.53 hours	Automatic shutdown due to high temperature.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/17/2019	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	12/17/19 18:20					12/17/19 18:22	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/17/2019	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	12/17/19 18:24			12/17/19 18:26	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/17/2019	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	12/17/19 18:32			12/17/19 18:34	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/17/2019	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	12/18/19 17:02			12/18/19 17:04	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/18/2019	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	12/18/19 18:22			12/18/19 18:24	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/18/2019	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	12/18/19 18:50			12/18/19 18:52	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/18/2019	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	12/18/19 20:26			12/18/19 20:28	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/18/2019	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	12/18/19 20:28			12/18/19 20:30	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/18/2019	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	12/18/19 20:30			12/18/19 20:32	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/18/2019	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	12/18/19 20:32			12/18/19 20:34	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/18/2019	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	12/18/19 20:34			12/18/19 20:36	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	12/18/2019	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input 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 April 1, 2019 through September 30, 2019								
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 checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	12/27/19 00:18	12/27/19 00:20	0.03	8.17 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	12/27/2019	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	12/27/19 08:28	12/27/19 08:30	0.03			<input type="checkbox"/> 116: Well Raising	12/27/2019	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	12/27/19 08:30	12/27/19 08:32	0.03	0.30 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	12/27/2019	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	12/27/19 08:48	12/27/19 08:50	0.03			<input type="checkbox"/> 116: Well Raising	12/27/2019	
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	1/10/20 07:58	1/10/20 08:00	0.03	1.17 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	1/10/2020	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	1/10/20 09:08	1/10/20 09:10	0.03			<input type="checkbox"/> 116: Well Raising	1/10/2020	X
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	1/10/20 11:28	1/10/20 11:30	0.03	0.80 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	1/10/2020	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	1/10/20 12:16	1/10/20 12:18	0.03			<input type="checkbox"/> 116: Well Raising	1/10/2020	
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	2/08/20 09:32	2/08/20 09:34	0.03	0.07 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	2/8/2020	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	2/08/20 09:36	2/08/20 09:38	0.03			<input type="checkbox"/> 116: Well Raising	2/8/2020	
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		Automatic
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	2/14/20 19:12	2/14/20 19:14	0.03	1.60 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	2/14/2020	
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	2/14/20 20:48	2/14/20 20:50	0.03			<input type="checkbox"/> 116: Well Raising	2/14/2020	
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<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 April 1, 2019 through September 30, 2019										
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	2/14/20 20:52	2/14/20 20:54	0.03	0.27 hours	Automatic shutdown due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/14/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/14/20 21:08					2/14/20 21:10	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/14/2020	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/14/20 21:14			2/14/20 21:16	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/14/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/14/20 21:28			2/14/20 21:30	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/14/2020	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/14/20 22:24			2/14/20 22:26	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/14/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/15/20 02:30			2/15/20 02:32	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/15/2020	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/15/20 05:12			2/15/20 05:14	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/15/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/15/20 09:58			2/15/20 10:00	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/15/2020	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/15/20 10:00			2/15/20 10:02	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/15/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/15/20 10:22			2/15/20 10:24	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/15/2020	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/16/20 21:56			2/16/20 21:58	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/16/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/16/20 23:32			2/16/20 23:34	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/16/2020	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input 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 April 1, 2019 through September 30, 2019								
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 checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	2/16/20 23:40	2/16/20 23:42	0.03	0.07 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	2/16/2020	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	2/16/20 23:44	2/16/20 23:46	0.03			<input type="checkbox"/> 116: Well Raising	2/16/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	2/19/20 07:12	2/19/20 07:14	0.03	0.73 hours	Automatic shutdown due to low temperature.	<input type="checkbox"/> 116: Well Raising	2/19/2020	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	2/19/20 07:56	2/19/20 07:58	0.03			<input type="checkbox"/> 116: Well Raising	2/19/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	2/19/20 07:58	2/19/20 08:00	0.03	0.57 hours	Automatic shutdown due to low temperature.	<input type="checkbox"/> 116: Well Raising	2/19/2020	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	2/19/20 08:32	2/19/20 08:34	0.03			<input type="checkbox"/> 116: Well Raising	2/19/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	2/19/20 20:58	2/19/20 21:00	0.03	1.53 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	2/19/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	2/19/20 22:30	2/19/20 22:32	0.03			<input type="checkbox"/> 116: Well Raising	2/19/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	2/20/20 12:26	2/20/20 12:28	0.03	1.57 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	2/20/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	2/20/20 14:00	2/20/20 14:02	0.03			<input type="checkbox"/> 116: Well Raising	2/20/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	2/20/20 14:02	2/20/20 14:04	0.03	0.13 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	2/20/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	2/20/20 14:10	2/20/20 14:12	0.03			<input type="checkbox"/> 116: Well Raising	2/20/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<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 April 1, 2019 through September 30, 2019										
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	2/24/20 07:22	2/24/20 07:24	0.03	0.10 hours	Automatic shutdown due to flame failure.	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/24/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection				
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/24/20 07:28					2/24/20 07:30	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/24/2020	Manual
<input checked="" type="checkbox"/> Startup Event								<input type="checkbox"/> 116: Well Raising		
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/25/20 10:02			2/25/20 10:04	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/25/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input checked="" type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	2/25/20 10:20			2/25/20 10:22	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	2/25/2020	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	3/04/20 13:38			3/04/20 13:40	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	3/4/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	3/04/20 15:14			3/04/20 15:16	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	3/4/2020	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	3/04/20 15:16			3/04/20 15:18	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	3/4/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	3/04/20 15:20			3/04/20 15:22	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	3/4/2020	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	3/04/20 15:22			3/04/20 15:24	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	3/4/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	3/04/20 15:26			3/04/20 15:28	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	3/4/2020	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	3/05/20 13:44			3/05/20 13:46	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	3/5/2020	Manual		
<input type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input checked="" type="checkbox"/> Shutdown Event		<input type="checkbox"/> 117: Gas Collection								
<input type="checkbox"/> Malfunction Event	<input type="checkbox"/> 118: Construction Activities	X	Automatic							
Component: A-7 Flare	3/05/20 15:32			3/05/20 15:34	0.03	<input checked="" type="checkbox"/> 113: Inspection and Maintenance	3/5/2020	Manual		
<input checked="" type="checkbox"/> Startup Event						<input type="checkbox"/> 116: Well Raising				
<input type="checkbox"/> Shutdown Event		<input 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 April 1, 2019 through September 30, 2019								
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						X 113: Inspection and Maintenance		Manual
<input type="checkbox"/> Startup Event	3/08/20 01:54	3/08/20 01:56	0.03	7.43 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/8/2020	X Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual
<input checked="" type="checkbox"/> Startup Event	3/08/20 10:20	3/08/20 10:22	0.03	7.43 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/8/2020	X 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-7 Flare						X 113: Inspection and Maintenance		Manual
<input type="checkbox"/> Startup Event	3/17/20 05:54	3/17/20 05:56	0.03	2.10 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/17/2020	X Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual
<input checked="" type="checkbox"/> Startup Event	3/17/20 08:00	3/17/20 08:02	0.03	2.10 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/17/2020	X 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-7 Flare						X 113: Inspection and Maintenance		Manual
<input type="checkbox"/> Startup Event	3/17/20 09:28	3/17/20 09:30	0.03	1.03 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/17/2020	X Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual
<input checked="" type="checkbox"/> Startup Event	3/17/20 10:30	3/17/20 10:32	0.03	1.03 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/17/2020	X 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-7 Flare						X 113: Inspection and Maintenance		Manual
<input type="checkbox"/> Startup Event	3/20/20 10:10	3/20/20 10:12	0.03	1.37 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/20/2020	X Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual
<input checked="" type="checkbox"/> Startup Event	3/20/20 11:32	3/20/20 11:34	0.03	1.37 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/20/2020	X 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-7 Flare						X 113: Inspection and Maintenance		Manual
<input type="checkbox"/> Startup Event	3/20/20 19:44	3/20/20 19:46	0.03	0.20 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/20/2020	X Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual
<input checked="" type="checkbox"/> Startup Event	3/20/20 19:56	3/20/20 19:58	0.03	0.20 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/20/2020	X 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-7 Flare						X 113: Inspection and Maintenance		Manual
<input type="checkbox"/> Startup Event	3/20/20 19:58	3/20/20 20:00	0.03	0.07 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/20/2020	X Automatic
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual
<input checked="" type="checkbox"/> Startup Event	3/20/20 20:02	3/20/20 20:04	0.03	0.07 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/20/2020	X Automatic
<input type="checkbox"/> Shutdown Event						<input 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 April 1, 2019 through September 30, 2019								
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 checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/21/20 07:06	3/21/20 07:08	0.03	2.60 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/21/2020	<input type="checkbox"/> Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/21/20 09:42	3/21/20 09:44	0.03			<input type="checkbox"/> 116: Well Raising	3/21/2020	<input type="checkbox"/> Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/22/20 11:20	3/22/20 11:22	0.03	1.50 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/22/2020	<input type="checkbox"/> Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/22/20 12:50	3/22/20 12:52	0.03			<input type="checkbox"/> 116: Well Raising	3/22/2020	<input type="checkbox"/> Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/22/20 21:00	3/22/20 21:02	0.03	1.57 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/22/2020	<input type="checkbox"/> Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/22/20 22:34	3/22/20 22:36	0.03			<input type="checkbox"/> 116: Well Raising	3/22/2020	<input type="checkbox"/> Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/22/20 22:40	3/22/20 22:42	0.03	0.03 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/22/2020	<input type="checkbox"/> Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/22/20 22:42	3/22/20 22:44	0.03			<input type="checkbox"/> 116: Well Raising	3/22/2020	<input type="checkbox"/> Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/22/20 22:48	3/22/20 22:50	0.03	0.07 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/22/2020	<input type="checkbox"/> Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/22/20 22:52	3/22/20 22:54	0.03			<input type="checkbox"/> 116: Well Raising	3/22/2020	<input type="checkbox"/> Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/22/20 22:54	3/22/20 22:56	0.03	0.07 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/22/2020	<input type="checkbox"/> Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<input checked="" type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/22/20 22:58	3/22/20 23:00	0.03			<input type="checkbox"/> 116: Well Raising	3/22/2020	<input type="checkbox"/> Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		<input checked="" type="checkbox"/> Automatic
<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 April 1, 2019 through September 30, 2019								
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 checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/23/20 00:26	3/23/20 00:28	0.03	8.63 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/23/2020	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/23/20 09:04	3/23/20 09:06	0.03	5.17 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/23/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/24/20 04:26	3/24/20 04:28	0.03	5.17 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/24/2020	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/24/20 09:36	3/24/20 09:38	0.03	0.07 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	3/24/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/31/20 09:26	3/31/20 09:28	0.03	0.07 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	3/31/2020	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/31/20 09:30	3/31/20 09:32	0.03	0.07 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	3/31/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/31/20 11:04	3/31/20 11:06	0.03	0.07 hours	Automatic shutdown due to flame failure.	<input type="checkbox"/> 116: Well Raising	3/31/2020	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/31/20 11:08	3/31/20 11:10	0.03	0.03 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/31/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/31/20 14:00	3/31/20 14:02	0.03	0.03 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/31/2020	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/31/20 14:02	3/31/20 14:04	0.03	1.43 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/31/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/31/20 14:04	3/31/20 14:06	0.03	1.43 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/31/2020	Manual
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities		
Component: A-7 Flare						<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/31/20 15:30	3/31/20 15:32	0.03	1.43 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/31/2020	Manual
<input type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X
<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 April 1, 2019 through September 30, 2019										
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 checked="" type="checkbox"/> 113: Inspection and Maintenance				
<input type="checkbox"/> Startup Event	3/31/20 19:56	3/31/20 19:58	0.03	1.83 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/31/2020			
<input checked="" type="checkbox"/> Shutdown Event						<input type="checkbox"/> 117: Gas Collection		X		
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities				
Component: A-7 Flare								<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/31/20 21:46	3/31/20 21:48	0.03			1.83 hours	Automatic shutdown due to high temperature.	<input type="checkbox"/> 116: Well Raising	3/31/2020	
<input type="checkbox"/> Shutdown Event								<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event				<input type="checkbox"/> 118: Construction Activities						
Component: A-7 Flare								<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input type="checkbox"/> Startup Event	3/31/20 22:12	3/31/20 22:14	0.03	1.70 hours	Automatic shutdown due to low temperature.			<input type="checkbox"/> 116: Well Raising	3/31/2020	
<input checked="" type="checkbox"/> Shutdown Event								<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event						<input type="checkbox"/> 118: Construction Activities				
Component: A-7 Flare								<input checked="" type="checkbox"/> 113: Inspection and Maintenance		
<input checked="" type="checkbox"/> Startup Event	3/31/20 23:54	3/31/20 23:56	0.03			1.70 hours	Automatic shutdown due to low temperature.	<input type="checkbox"/> 116: Well Raising	3/31/2020	
<input type="checkbox"/> Shutdown Event								<input type="checkbox"/> 117: Gas Collection		X
<input type="checkbox"/> Malfunction Event				<input type="checkbox"/> 118: Construction Activities						

TOTAL DOWNTIME HOURS:	<b>366.87</b>
TOTAL AVAILABLE HOURS*:	<b>4392.00</b>
TOTAL REPORTING PERIOD RUNTIME (HOURS):	<b>4025.13</b>
RUNTIME PERCENTAGE:	<b>91.65%</b>

\*There were 721 hours in November 2019 and 743 hours in March 2020 due to Daylight Savings Time. There were 696 hours in February 2020 due to Leap Year.

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

**AFFECTED EQUIPMENT: A-8 Flare**

<b>Ox Mountain Landfill - Half Moon Bay, California</b>								
<b>SSMP REPORT - From October 1, 2019 through March 31, 2020*</b>								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-8 Flare					The A-8 Flare did not operate for this reporting period.	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>4392.00</b>
TOTAL AVAILABLE HOURS:	<b>4392.00</b>
TOTAL REPORTING PERIOD RUNTIME (HOURS):	<b>0.00</b>
RUNTIME PERCENTAGE:	<b>0.00%</b>

\*There were 721 hours in November 2019 and 743 hours in March 2020 due to Daylight Savings Time. There were 696 hours in February 2020 due to Leap Year.

**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, 2019 through March 31, 2020									
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	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare				195.30 hours	Automatic shutdown due to flame failure.			Manual	
Startup Event									
Shutdown Event									Automatic
Malfunction Event									
Component: A-9 Flare						X		Manual	
X Startup Event	10/09/19 03:18	10/09/19 03:20	0.03				10/9/2019	X Manual	
Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare				18.47 hours	Automatic shutdown due to Pacific Gas and Electric (PG&E) Public Safety Power Shutoff (PSPS).	X		Manual	
Startup Event	10/10/19 00:14	10/10/19 00:16	0.03					10/10/2019	
X Shutdown Event									X Automatic
Malfunction Event									
Component: A-9 Flare						X		Manual	
X Startup Event	10/10/19 18:42	10/10/19 18:44	0.03				10/10/2019	X Manual	
Shutdown Event								Automatic	
Malfunction Event									
Component: A-9 Flare				0.10 hours	Automatic shutdown and startup due to restart of flare after PSPS event.	X		Manual	
Startup Event	10/10/19 18:44	10/10/19 18:46	0.03					10/10/2019	
X Shutdown Event									X Automatic
Malfunction Event									
Component: A-9 Flare						X		Manual	
X Startup Event	10/10/19 18:50	10/10/19 18:52	0.03				10/10/2019		
Shutdown Event								X Automatic	
Malfunction Event									
Component: A-9 Flare				0.03 hours	Automatic shutdown due to utility outage.	X		Manual	
Startup Event	10/10/19 18:52	10/10/19 18:54	0.03					10/10/2019	
X Shutdown Event									X Automatic
Malfunction Event									
Component: A-9 Flare						X		Manual	
X Startup Event	10/10/19 18:54	10/10/19 18:56	0.03				10/10/2019		
Shutdown Event								X Automatic	
Malfunction Event									
Component: A-9 Flare				0.03 hours	Automatic shutdown due to utility outage.	X		Manual	
Startup Event	10/10/19 18:56	10/10/19 18:58	0.03					10/10/2019	
X Shutdown Event									X Automatic
Malfunction Event									
Component: A-9 Flare						X		Manual	
X Startup Event	10/10/19 18:58	10/10/19 19:00	0.03				10/10/2019		
Shutdown Event								X Automatic	
Malfunction Event									
Component: A-9 Flare				71.20 hours	Automatic shutdown due to low temperature.	X		Manual	
Startup Event	10/10/19 20:16	10/10/19 20:18	0.03					10/10/2019	
X Shutdown Event									X Automatic
Malfunction Event									
Component: A-9 Flare						X		Manual	
X Startup Event	10/13/19 19:28	10/13/19 19:30	0.03				10/13/2019	X Manual	
Shutdown Event								Automatic	
Malfunction Event									

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

**AFFECTED EQUIPMENT: A-9 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2019 through March 31, 2020								
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	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event								
X Shutdown Event	10/13/19 20:16	10/13/19 20:18	0.03	306.90 hours	Automatic shutdown due to low temperature.	116: Well Raising	10/13/2019	X Automatic
						117: Gas Collection		
						118: Construction Activities		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	10/26/19 15:10	10/26/19 15:12	0.03			116: Well Raising	10/26/2019	X Manual
						117: Gas Collection		
						118: Construction Activities		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event	10/26/19 21:06	10/26/19 21:08	0.03	43.47 hours	Automatic shutdown due to PG&E PSPS.	116: Well Raising	10/26/2019	X Automatic
						117: Gas Collection		
X Malfunction Event						118: Construction Activities		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	10/28/19 16:34	10/28/19 16:36	0.03			116: Well Raising	10/28/2019	X Automatic
						117: Gas Collection		
						118: Construction Activities		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event	10/28/19 16:36	10/28/19 16:38	0.03	1.53 hours	Automatic shutdown due to high temperature.	116: Well Raising	10/28/2019	X Automatic
X Shutdown Event						117: Gas Collection		
						118: Construction Activities		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	10/28/19 18:08	10/28/19 18:10	0.03			116: Well Raising	10/28/2019	X Automatic
						117: Gas Collection		
						118: Construction Activities		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event	10/28/19 18:28	10/28/19 18:30	0.03	29.67 hours	Automatic shutdown due to low temperature.	116: Well Raising	10/28/2019	X Automatic
X Shutdown Event						117: Gas Collection		
						118: Construction Activities		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	10/30/19 00:08	10/30/19 00:10	0.03			116: Well Raising	10/30/2019	X Automatic
						117: Gas Collection		
						118: Construction Activities		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event	10/30/19 11:32	10/30/19 11:34	0.03	194.20 hours	Automatic shutdown due to low temperature.	116: Well Raising	10/30/2019	X Automatic
X Shutdown Event						117: Gas Collection		
						118: Construction Activities		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	11/07/19 13:44	11/07/19 13:46	0.03			116: Well Raising	11/7/2019	X Automatic
						117: Gas Collection		
						118: Construction Activities		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event	11/07/19 14:52	11/07/19 14:54	0.03	597.00 hours	Automatic shutdown due to flame failure.	116: Well Raising	11/7/2019	X Automatic
						117: Gas Collection		
X Malfunction Event						118: Construction Activities		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	12/02/19 11:52	12/02/19 11:54	0.03			116: Well Raising	12/2/2019	X Automatic
						117: Gas Collection		
						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, 2019 through March 31, 2020									
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	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual	
Startup Event									
Shutdown Event	12/02/19 11:54	12/02/19 11:56	0.03	0.03 hours	Automatic shutdown due to flame failure.		12/2/2019	X Automatic	
X Malfunction Event									
Component: A-9 Flare									
X Startup Event	12/02/19 11:56	12/02/19 11:58	0.03			X 113: Inspection and Maintenance	12/2/2019	Manual	
Shutdown Event						116: Well Raising			
Malfunction Event						117: Gas Collection		X Automatic	
						118: Construction Activities			
Component: A-9 Flare						X 113: Inspection and Maintenance	12/2/2019	Manual	
Startup Event	12/02/19 13:10	12/02/19 13:12	0.03	195.37 hours	Automatic shutdown due to low temperature.				
X Shutdown Event									X Automatic
Malfunction Event									
Component: A-9 Flare						X 113: Inspection and Maintenance	12/10/2019	X Manual	
X Startup Event	12/10/19 16:32	12/10/19 16:34	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection		Automatic	
Malfunction Event						118: Construction Activities			
Component: A-9 Flare						X 113: Inspection and Maintenance	12/10/2019	Manual	
Startup Event	12/10/19 17:04	12/10/19 17:06	0.03	0.03 hours	Automatic shutdown due to inlet valve failure.				
Shutdown Event									X Automatic
X Malfunction Event									
Component: A-9 Flare						X 113: Inspection and Maintenance	12/10/2019	Manual	
X Startup Event	12/10/19 17:06	12/10/19 17:08	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection		X Automatic	
Malfunction Event						118: Construction Activities			
Component: A-9 Flare						X 113: Inspection and Maintenance	12/10/2019	Manual	
Startup Event	12/10/19 18:14	12/10/19 18:16	0.03	165.37 hours	Automatic shutdown due to low temperature.				
X Shutdown Event									X Automatic
Malfunction Event									
Component: A-9 Flare						X 113: Inspection and Maintenance	12/17/2019	X Manual	
X Startup Event	12/17/19 15:36	12/17/19 15:38	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection		Automatic	
Malfunction Event						118: Construction Activities			
Component: A-9 Flare						X 113: Inspection and Maintenance	12/17/2019	Manual	
Startup Event	12/17/19 16:20	12/17/19 16:22	0.03	0.07 hours	Automatic shutdown due to flame failure.				
Shutdown Event									X Automatic
X Malfunction Event									
Component: A-9 Flare						X 113: Inspection and Maintenance	12/17/2019	Manual	
X Startup Event	12/17/19 16:24	12/17/19 16:26	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection		X Automatic	
Malfunction Event						118: Construction Activities			
Component: A-9 Flare						X 113: Inspection and Maintenance	12/18/2019	Manual	
Startup Event	12/18/19 12:50	12/18/19 12:52	0.03	0.07 hours	Automatic shutdown due to inlet valve failure.				
Shutdown Event									X Automatic
X Malfunction Event									
Component: A-9 Flare						X 113: Inspection and Maintenance	12/18/2019	Manual	
X Startup Event	12/18/19 12:54	12/18/19 12:56	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection		X Automatic	
Malfunction Event						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, 2019 through March 31, 2020										
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	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual		
<input type="checkbox"/> Startup Event										
<input checked="" type="checkbox"/> Shutdown Event	12/18/19 17:04	12/18/19 17:06	0.03	666.97 hours	Automatic shutdown due to low temperature.		12/18/2019	X Automatic		
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare										
<input checked="" type="checkbox"/> Startup Event	1/15/20 12:02	1/15/20 12:04	0.03			X 113: Inspection and Maintenance	1/15/2020	X Manual		
<input type="checkbox"/> Shutdown Event						116: Well Raising				
<input type="checkbox"/> Malfunction Event						117: Gas Collection			Automatic	
Component: A-9 Flare										
<input type="checkbox"/> Startup Event	1/15/20 13:36	1/15/20 13:38	0.03	863.10 hours	Automatic shutdown due to low temperature.	X 113: Inspection and Maintenance	1/15/2020	Manual		
<input checked="" type="checkbox"/> Shutdown Event										X Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare										
<input checked="" type="checkbox"/> Startup Event	2/20/20 12:42	2/20/20 12:44	0.03			X 113: Inspection and Maintenance	2/20/2020	X Manual		
<input type="checkbox"/> Shutdown Event						116: Well Raising				
<input type="checkbox"/> Malfunction Event						117: Gas Collection			Automatic	
Component: A-9 Flare										
<input type="checkbox"/> Startup Event	2/20/20 12:58	2/20/20 13:00	0.03	0.10 hours	Automatic shutdown due to low temperature.	X 113: Inspection and Maintenance	2/20/2020	Manual		
<input checked="" type="checkbox"/> Shutdown Event										X Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare										
<input checked="" type="checkbox"/> Startup Event	2/20/20 13:04	2/20/20 13:06	0.03			X 113: Inspection and Maintenance	2/20/2020	X Manual		
<input type="checkbox"/> Shutdown Event						116: Well Raising				
<input type="checkbox"/> Malfunction Event						117: Gas Collection			Automatic	
Component: A-9 Flare										
<input type="checkbox"/> Startup Event	2/20/20 14:20	2/20/20 14:22	0.03	165.93 hours	Automatic shutdown due to low temperature.	X 113: Inspection and Maintenance	2/20/2020	Manual		
<input checked="" type="checkbox"/> Shutdown Event										X Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare										
<input checked="" type="checkbox"/> Startup Event	2/27/20 12:16	2/27/20 12:18	0.03			X 113: Inspection and Maintenance	2/27/2020	X Manual		
<input type="checkbox"/> Shutdown Event						116: Well Raising				
<input type="checkbox"/> Malfunction Event						117: Gas Collection			Automatic	
Component: A-9 Flare										
<input type="checkbox"/> Startup Event	2/27/20 13:56	2/27/20 13:58	0.03	0.87 hours	Automatic shutdown due to low temperature.	X 113: Inspection and Maintenance	2/27/2020	Manual		
<input checked="" type="checkbox"/> Shutdown Event										X Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare										
<input checked="" type="checkbox"/> Startup Event	2/27/20 14:48	2/27/20 14:50	0.03			X 113: Inspection and Maintenance	2/27/2020	X Manual		
<input type="checkbox"/> Shutdown Event						116: Well Raising				
<input type="checkbox"/> Malfunction Event						117: Gas Collection			Automatic	
Component: A-9 Flare										
<input type="checkbox"/> Startup Event	2/27/20 15:02	2/27/20 15:04	0.03	113.57 hours	Automatic shutdown due to low temperature.	X 113: Inspection and Maintenance	2/27/2020	Manual		
<input checked="" type="checkbox"/> Shutdown Event										X Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare										
<input checked="" type="checkbox"/> Startup Event	3/03/20 08:36	3/03/20 08:38	0.03			X 113: Inspection and Maintenance	3/3/2020	X Manual		
<input type="checkbox"/> Shutdown Event						116: Well Raising				
<input type="checkbox"/> Malfunction Event						117: Gas Collection			Automatic	

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

**AFFECTED EQUIPMENT: A-9 Flare**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - From October 1, 2019 through March 31, 2020									
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	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual	
Startup Event									
Shutdown Event	3/17/20 03:08	3/17/20 03:10	0.03	56.63 hours	Automatic shutdown due to flame failure.		3/17/2020	X Automatic	
X Malfunction Event							116: Well Raising		
							117: Gas Collection		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual	
X Startup Event									
Shutdown Event	3/19/20 11:46	3/19/20 11:48	0.03				3/19/2020	X Automatic	
Malfunction Event						116: Well Raising			
						117: Gas Collection			
						118: Construction Activities			
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual	
Startup Event									
Shutdown Event	3/19/20 11:58	3/19/20 12:00	0.03	0.47 hours	Automatic shutdown due to flame failure.		3/19/2020	X Automatic	
X Malfunction Event							116: Well Raising		
							117: Gas Collection		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual	
X Startup Event									
Shutdown Event	3/19/20 12:26	3/19/20 12:28	0.03				3/19/2020	X Automatic	
Malfunction Event						116: Well Raising			
						117: Gas Collection			
						118: Construction Activities			
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual	
Startup Event									
Shutdown Event	3/20/20 09:08	3/20/20 09:10	0.03	0.60 hours	Automatic shutdown due to inlet valve failure.		3/20/2020	X Automatic	
X Malfunction Event							116: Well Raising		
							117: Gas Collection		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual	
X Startup Event									
Shutdown Event	3/20/20 09:44	3/20/20 09:46	0.03				3/20/2020	X Automatic	
Malfunction Event						116: Well Raising			
						117: Gas Collection			
						118: Construction Activities			
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual	
Startup Event									
Shutdown Event	3/20/20 09:46	3/20/20 09:48	0.03	0.10 hours	Automatic shutdown due to inlet valve failure.		3/20/2020	X Automatic	
X Malfunction Event							116: Well Raising		
							117: Gas Collection		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual	
X Startup Event									
Shutdown Event	3/20/20 09:52	3/20/20 09:54	0.03				3/20/2020	X Automatic	
Malfunction Event						116: Well Raising			
						117: Gas Collection			
						118: Construction Activities			
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual	
Startup Event									
X Shutdown Event	3/20/20 19:26	3/20/20 19:28	0.03	39.50 hours	Automatic shutdown due to low temperature.		3/20/2020	X Automatic	
Malfunction Event							116: Well Raising		
							117: Gas Collection		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual	
X Startup Event									
Shutdown Event	3/22/20 10:56	3/22/20 10:58	0.03				3/22/2020	X Automatic	
Malfunction Event						116: Well Raising			
						117: Gas Collection			
						118: Construction Activities			
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual	
Startup Event									
Shutdown Event	3/22/20 11:54	3/22/20 11:56	0.03	0.03 hours	Automatic shutdown due to flame failure.		3/22/2020	X Automatic	
X Malfunction Event							116: Well Raising		
							117: Gas Collection		
Component: A-7 Flare						X 113: Inspection and Maintenance		Manual	
X Startup Event									
Shutdown Event	3/22/20 11:56	3/22/20 11:58	0.03				3/22/2020	X Automatic	
Malfunction Event						116: Well Raising			
						117: Gas Collection			
						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, 2019 through March 31, 2020											
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	(8) Type of Event (Startup and Shutdown Events Only)			
Component: A-9 Flare				59.47 hours	Automatic shutdown due to flame failure.	X	113: Inspection and Maintenance	3/22/2020			
Startup Event	3/22/20 12:00	3/22/20 12:02	0.03								Manual
Shutdown Event										X	Automatic
X Malfunction Event											
Component: A-9 Flare				24.43 hours	Automatic shutdown due to flame failure.	X	113: Inspection and Maintenance	3/25/2020			
Startup Event	3/24/20 23:28	3/24/20 23:30	0.03								Manual
Shutdown Event										X	Automatic
Malfunction Event											
Component: A-9 Flare				24.43 hours	Automatic shutdown due to flame failure.	X	113: Inspection and Maintenance	3/25/2020			
Startup Event	3/25/20 00:42	3/25/20 00:44	0.03								Manual
Shutdown Event										X	Automatic
X Malfunction Event											
Component: A-9 Flare				0.07 hours	Automatic shutdown due to flame failure.	X	113: Inspection and Maintenance	3/26/2020			
Startup Event	3/26/20 01:08	3/26/20 01:10	0.03								Manual
Shutdown Event										X	Automatic
Malfunction Event											
Component: A-9 Flare				127.73 hours	Automatic shutdown due to flame failure.	X	113: Inspection and Maintenance	3/26/2020			
Startup Event	3/26/20 01:10	3/26/20 01:12	0.03								Manual
Shutdown Event										X	Automatic
X Malfunction Event											
Component: A-9 Flare				2.07 hours	Automatic shutdown due to flame failure.	X	113: Inspection and Maintenance	3/26/2020			
Startup Event	3/26/20 01:14	3/26/20 01:16	0.03								Manual
Shutdown Event										X	Automatic
Malfunction Event											
Component: A-9 Flare				127.73 hours	Automatic shutdown due to low temperature.	X	113: Inspection and Maintenance	3/26/2020			
Startup Event	3/26/20 02:52	3/26/20 02:54	0.03								Manual
Shutdown Event										X	Automatic
X Malfunction Event											
Component: A-9 Flare				2.07 hours	Automatic shutdown due to flame failure.	X	113: Inspection and Maintenance	3/31/2020			
Startup Event	3/31/20 10:36	3/31/20 10:38	0.03								Manual
Shutdown Event										X	Automatic
Malfunction Event											
Component: A-9 Flare				2.07 hours	Automatic shutdown due to flame failure.	X	113: Inspection and Maintenance	3/31/2020			
Startup Event	3/31/20 10:52	3/31/20 10:54	0.03								Manual
Shutdown Event										X	Automatic
X Malfunction Event											
Component: A-9 Flare				0.67 hours	Automatic shutdown due to flame failure.	X	113: Inspection and Maintenance	3/31/2020			
Startup Event	3/31/20 12:56	3/31/20 12:58	0.03								Manual
Shutdown Event										X	Automatic
Malfunction Event											
Component: A-9 Flare				0.67 hours	Automatic shutdown due to flame failure.	X	113: Inspection and Maintenance	3/31/2020			
Startup Event	3/31/20 12:58	3/31/20 13:00	0.03								Manual
Shutdown Event										X	Automatic
X Malfunction Event											
Component: A-9 Flare				0.67 hours	Automatic shutdown due to flame failure.	X	113: Inspection and Maintenance	3/31/2020			
Startup Event	3/31/20 13:38	3/31/20 13:40	0.03								Manual
Shutdown Event										X	Automatic
Malfunction Event											

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

**AFFECTED EQUIPMENT: A-9 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - From October 1, 2019 through March 31, 2020								
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	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event	3/31/20 13:40	3/31/20 13:42	0.03	0.07 hours	Automatic shutdown due to flame failure.		3/31/2020	
Shutdown Event								X Automatic
X Malfunction Event								
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	3/31/20 13:44	3/31/20 13:46	0.03				3/31/2020	
Shutdown Event								X Automatic
Malfunction Event								
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event	3/31/20 13:46	3/31/20 13:48	0.03	0.10 hours	Automatic shutdown due to flame failure.		3/31/2020	
Shutdown Event								X Automatic
X Malfunction Event								
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	3/31/20 13:52	3/31/20 13:54	0.03				3/31/2020	
Shutdown Event								X Automatic
Malfunction Event								
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event	3/31/20 13:54	3/31/20 13:56	0.03	0.37 hours	Automatic shutdown due to flame failure.		3/31/2020	
Shutdown Event								X Automatic
X Malfunction Event								
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	3/31/20 14:16	3/31/20 14:18	0.03				3/31/2020	
Shutdown Event								X Automatic
Malfunction Event								
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event	3/31/20 14:18	3/31/20 14:20	0.03	0.40 hours	Automatic shutdown due to flame failure.		3/31/2020	
Shutdown Event								X Automatic
X Malfunction Event								
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	3/31/20 14:42	3/31/20 14:44	0.03				3/31/2020	
Shutdown Event								X Automatic
Malfunction Event								
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event	3/31/20 14:44	3/31/20 14:46	0.03	0.30 hours	Automatic shutdown due to flame failure.		3/31/2020	
Shutdown Event								X Automatic
X Malfunction Event								
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	3/31/20 15:02	3/31/20 15:04	0.03				3/31/2020	
Shutdown Event								X Automatic
Malfunction Event								
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
Startup Event	3/31/20 15:04	3/31/20 15:06	0.03	0.07 hours	Automatic shutdown due to flame failure.		3/31/2020	
Shutdown Event								X Automatic
X Malfunction Event								
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual
X Startup Event	3/31/20 15:08	3/31/20 15:10	0.03				3/31/2020	
Shutdown Event								X Automatic
Malfunction Event								

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

**AFFECTED EQUIPMENT: A-9 Flare**

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - From October 1, 2019 through March 31, 2020										
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	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual		
<input type="checkbox"/> Startup Event				0.07 hours	Automatic shutdown due to high temperature.		3/31/2020			
<input checked="" type="checkbox"/> Shutdown Event	3/31/20 15:14	3/31/20 15:16	0.03						X	Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual		
<input checked="" type="checkbox"/> Startup Event				0.07 hours	Automatic shutdown due to high temperature.		3/31/2020			
<input type="checkbox"/> Shutdown Event	3/31/20 15:18	3/31/20 15:20	0.03						X	Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual		
<input type="checkbox"/> Startup Event				0.07 hours	Automatic shutdown due to high temperature.		3/31/2020			
<input checked="" type="checkbox"/> Shutdown Event	3/31/20 15:20	3/31/20 15:22	0.03						X	Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual		
<input checked="" type="checkbox"/> Startup Event				0.07 hours	Automatic shutdown due to high temperature.		3/31/2020			
<input type="checkbox"/> Shutdown Event	3/31/20 15:24	3/31/20 15:26	0.03						X	Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual		
<input type="checkbox"/> Startup Event				0.40 hours	Automatic shutdown due to high temperature.		3/31/2020			
<input checked="" type="checkbox"/> Shutdown Event	3/31/20 15:26	3/31/20 15:28	0.03						X	Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual		
<input checked="" type="checkbox"/> Startup Event				0.40 hours	Automatic shutdown due to high temperature.		3/31/2020			
<input type="checkbox"/> Shutdown Event	3/31/20 15:50	3/31/20 15:52	0.03						X	Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual		
<input type="checkbox"/> Startup Event				0.20 hours	Automatic shutdown due to low temperature.		3/31/2020			
<input checked="" type="checkbox"/> Shutdown Event	3/31/20 21:08	3/31/20 21:10	0.03						X	Automatic
<input type="checkbox"/> Malfunction Event										
Component: A-9 Flare						X 113: Inspection and Maintenance		Manual		
<input checked="" type="checkbox"/> Startup Event				0.20 hours	Automatic shutdown due to low temperature.		3/31/2020			
<input type="checkbox"/> Shutdown Event	3/31/20 21:20	3/31/20 21:22	0.03						X	Automatic
<input type="checkbox"/> Malfunction Event										

TOTAL DOWNTIME HOURS:	<b>3944.17</b>
TOTAL AVAILABLE HOURS*:	<b>4392.00</b>
TOTAL REPORTING PERIOD RUNTIME (HOURS):	<b>447.83</b>
RUNTIME PERCENTAGE:	<b>10.20%</b>

\*The A-9 Flare was offline at the beginning of the reporting period. For reporting purposes, the shutdown is calculated as having started on October 1, 2019 at 00:00.

\*There were 721 hours in November 2019 and 743 hours in March 2020 due to Daylight Savings Time. There were 696 hours in February 2020 due to Leap Year.

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

**AFFECTED EQUIPMENT: IC Engines**

Completed By : Ameresco

<b>Ox Mountain Landfill - Half Moon Bay, California</b>						
<b>SSMP REPORT - From October 1, 2019 through March 31, 2020</b>						
<b>Shutdown Date/Time mm/dd/yy hh:mm</b>	<b>Startup Date/time mm/dd/yy hh:mm</b>	<b>Duration Hours</b>	<b>Engines Down</b>	<b>Type of Shutdown</b>	<b>Reason/Action</b>	<b>Comments</b>
10/2/19 5:41	10/2/19 9:04	3.38	4	Unplanned	Engine	Replace, and Restart
10/3/19 10:07	10/3/19 11:28	1.35	6	Planned	Engine	Restart Only
10/7/19 15:15	10/7/19 15:35	0.33	6	Unplanned	Engine	Reconfigure, and Restart
10/7/19 15:44	10/7/19 15:57	0.22	3	Unplanned	Engine	Reconfigure, and Restart
10/9/19 2:02	10/10/19 19:00	40.97	1	Unplanned	Line / Substation Maintenance	Restart Only
10/9/19 2:04	10/10/19 19:29	41.42	4	Unplanned	Line / Substation Maintenance	Restart Only
10/9/19 2:04	10/10/19 18:47	40.72	5	Unplanned	Line / Substation Maintenance	Restart Only
10/9/19 2:05	10/10/19 18:49	40.73	2	Unplanned	Line / Substation Maintenance	Restart Only
10/9/19 2:05	10/10/19 18:44	40.65	6	Unplanned	Line / Substation Maintenance	Restart Only
10/9/19 2:05	10/10/19 18:49	40.73	3	Unplanned	Line / Substation Maintenance	Restart Only
10/13/19 17:56	10/13/19 19:38	1.70	5	Unplanned	Oxygen Levels	Restart Only
10/13/19 18:00	10/13/19 19:05	1.08	1	Unplanned	Oxygen Levels	Restart Only
10/13/19 18:00	10/13/19 19:10	1.17	2	Unplanned	Oxygen Levels	Restart Only
10/13/19 18:00	10/13/19 19:14	1.23	3	Unplanned	Oxygen Levels	Restart Only
10/13/19 18:00	10/13/19 20:18	2.30	4	Unplanned	Oxygen Levels	Restart Only
10/13/19 18:00	10/13/19 19:01	1.02	6	Unplanned	Oxygen Levels	Restart Only
10/13/19 22:23	10/14/19 11:28	13.08	5	Unplanned	Engine	Replace, and Restart
10/14/19 7:36	10/18/19 19:06	107.50	1	Planned	Engine	Reconfigure, Replace, and Restart
10/16/19 15:18	10/16/19 16:45	1.45	4	Unplanned	Engine	Replace, and Restart
10/17/19 9:26	10/17/19 13:03	3.62	5	Unplanned	Engine	Replace, and Restart
10/17/19 9:53	10/17/19 10:06	0.22	6	Unplanned	Engine	Restart Only
10/18/19 19:13	10/18/19 19:21	0.13	1	Unplanned	Engine	Restart Only
10/19/19 7:59	10/19/19 9:02	1.05	1	Unplanned	Generator	Restart Only
10/19/19 10:16	10/19/19 11:26	1.17	1	Unplanned	Engine	Reconfigure, and Restart
10/19/19 14:32	10/19/19 15:58	1.43	4	Unplanned	Engine	Replace, and Restart
10/20/19 13:16	10/20/19 14:57	1.68	4	Unplanned	Engine	Replace, and Restart
10/21/19 12:00	10/21/19 14:57	2.95	1	Unplanned	SCR / Catalyst	Repair, and Restart
10/21/19 15:55	10/21/19 16:39	0.73	1	Unplanned	SCR / Catalyst	Replace, and Restart
10/21/19 16:37	10/21/19 17:47	1.17	2	Unplanned	Engine	Replace, and Restart
10/23/19 8:36	10/23/19 16:07	7.52	2	Unplanned	Engine	Reconfigure, Replace, and Restart
10/24/19 12:39	10/24/19 14:10	1.52	3	Unplanned	Engine	Restart Only
10/24/19 14:32	10/24/19 18:31	3.98	3	Unplanned	Engine	Reconfigure, and Restart
10/26/19 13:57	10/28/19 16:01	50.07	1	Unplanned	Extreme Weather	Restart Only
10/26/19 13:59	10/28/19 16:09	50.17	5	Unplanned	Extreme Weather	Restart Only
10/26/19 13:59	10/28/19 17:28	51.48	4	Unplanned	Extreme Weather	Restart Only
10/26/19 13:59	10/28/19 16:09	50.17	2	Unplanned	Extreme Weather	Restart Only
10/26/19 13:59	10/28/19 15:42	49.72	3	Unplanned	Extreme Weather	Restart Only
10/26/19 13:59	10/28/19 16:26	50.45	6	Unplanned	Extreme Weather	Restart Only
10/28/19 16:57	10/28/19 17:30	0.55	2	Unplanned	Oxygen Levels	Restart Only
10/28/19 16:57	10/28/19 17:21	0.40	5	Unplanned	Oxygen Levels	Restart Only
10/28/19 16:57	10/28/19 17:22	0.42	6	Unplanned	Oxygen Levels	Restart Only
10/28/19 16:57	10/28/19 17:24	0.45	1	Unplanned	Oxygen Levels	Restart Only
10/28/19 16:57	10/28/19 17:27	0.50	3	Unplanned	Oxygen Levels	Restart Only
10/29/19 22:57	10/30/19 8:57	10.00	1	Unplanned	Extreme Weather	Restart Only

Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
10/29/19 22:58	10/30/19 9:25	10.45	2	Unplanned	Extreme Weather	Restart Only
10/29/19 22:59	10/30/19 9:39	10.67	6	Unplanned	Extreme Weather	Restart Only
10/29/19 22:59	10/30/19 13:00	14.02	3	Planned	Engine	Reconfigure, Replace, and Restart
10/29/19 22:59	10/30/19 10:00	11.02	4	Unplanned	Extreme Weather	Restart Only
10/29/19 22:59	10/30/19 9:45	10.77	5	Unplanned	Extreme Weather	Restart Only
10/31/19 17:02	10/31/19 17:20	0.30	3	Proactive	Engine	Replace, and Restart
11/2/19 21:35	11/2/19 22:37	1.03	6	Unplanned	Engine	Replace, and Restart
11/4/19 16:08	11/4/19 17:20	1.20	3	Unplanned	Engine	Replace, and Restart
11/7/19 12:36	11/7/19 13:51	1.25	1	Proactive	Electrical	Replace, and Restart
11/7/19 12:37	11/7/19 13:48	1.18	5	Proactive	Electrical	Replace, and Restart
11/7/19 12:38	11/7/19 13:51	1.22	3	Proactive	Electrical	Replace, and Restart
11/7/19 12:38	11/7/19 13:48	1.17	4	Proactive	Electrical	Replace, and Restart
11/7/19 12:38	11/7/19 13:48	1.17	6	Proactive	Electrical	Replace, and Restart
11/7/19 12:38	11/7/19 14:10	1.53	2	Proactive	Electrical	Replace, and Restart
11/9/19 6:34	11/9/19 8:34	2.00	5	Unplanned	Generator	Repair, and Restart
11/13/19 7:39	11/13/19 9:15	1.60	2	Unplanned	Engine	Replace, and Restart
11/13/19 10:28	11/13/19 11:07	0.65	5	Unplanned	Engine	Replace, and Restart
11/20/19 9:41	11/20/19 12:02	2.35	1	Planned	Engine	Reconfigure, and Restart
11/20/19 21:28	11/20/19 22:20	0.87	2	Unplanned	Engine	Restart Only
11/20/19 22:26	11/20/19 22:47	0.35	2	Unplanned	Engine	Replace, and Restart
11/21/19 9:04	11/21/19 16:59	7.92	4	Planned	Engine	Reconfigure, Replace, and Restart
11/21/19 11:49	11/21/19 12:03	0.23	6	Unplanned	Engine	Replace, and Restart
11/27/19 0:57	11/27/19 2:16	1.32	6	Unplanned	Engine	Replace, and Restart
12/2/19 10:47	12/2/19 11:54	1.12	1	Unplanned	Oxygen Levels	Restart Only
12/2/19 10:47	12/2/19 12:21	1.57	2	Unplanned	Oxygen Levels	Restart Only
12/2/19 10:47	12/2/19 12:05	1.30	3	Unplanned	Oxygen Levels	Restart Only
12/2/19 10:47	12/2/19 11:51	1.07	4	Unplanned	Oxygen Levels	Restart Only
12/2/19 10:47	12/2/19 11:50	1.05	5	Unplanned	Oxygen Levels	Restart Only
12/2/19 10:47	12/2/19 11:59	1.20	6	Unplanned	Oxygen Levels	Restart Only
12/2/19 12:13	12/2/19 14:13	2.00	6	Unplanned	Engine	Replace, and Restart
12/2/19 12:14	12/2/19 12:31	0.28	3	Unplanned	Engine	Replace, and Restart
12/4/19 23:05	12/4/19 23:37	0.53	6	Unplanned	Engine	Replace, and Restart
12/5/19 8:05	12/5/19 17:08	9.05	5	Planned	Engine	Reconfigure, Replace, and Restart
12/5/19 17:09	12/5/19 17:21	0.20	5	Unplanned	Engine	Replace, and Restart
12/5/19 17:32	12/5/19 17:47	0.25	2	Proactive	Engine	Replace, and Restart
12/5/19 17:48	12/5/19 17:54	0.10	5	Unplanned	Engine	Restart Only
12/6/19 11:42	12/6/19 11:55	0.22	6	Unplanned	Engine	Replace, and Restart
12/9/19 18:31	12/9/19 19:17	0.77	2	Unplanned	Engine	Replace, and Restart
12/9/19 19:27	12/9/19 19:36	0.15	2	Unplanned	Engine	Replace, and Restart
12/10/19 9:49	12/10/19 10:00	0.18	3	Unplanned	Other	Restart Only
12/10/19 9:50	12/10/19 10:03	0.22	6	Unplanned	Other	Restart Only
12/10/19 9:50	12/10/19 10:10	0.33	4	Unplanned	Other	Restart Only
12/10/19 9:50	12/10/19 10:10	0.33	5	Unplanned	Other	Restart Only
12/10/19 14:00	12/10/19 14:11	0.18	3	Unplanned	Engine	Replace, and Restart
12/10/19 14:45	12/10/19 15:00	0.25	5	Unplanned	Oxygen Levels	Restart Only
12/10/19 15:02	12/10/19 15:12	0.17	5	Unplanned	Engine	Restart Only
12/10/19 15:13	12/10/19 17:21	2.13	1	Unplanned	Oxygen Levels	Restart Only
12/10/19 15:13	12/10/19 17:31	2.30	2	Unplanned	Oxygen Levels	Restart Only
12/10/19 15:13	12/10/19 17:17	2.07	3	Unplanned	Oxygen Levels	Restart Only
12/10/19 15:13	12/10/19 17:09	1.93	4	Unplanned	Oxygen Levels	Restart Only
12/10/19 15:13	12/10/19 17:07	1.90	5	Unplanned	Engine	Restart Only

Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
12/10/19 15:13	12/10/19 17:07	1.90	6	Unplanned	Oxygen Levels	Restart Only
12/10/19 17:07	12/10/19 17:26	0.32	6	Unplanned	Engine	Restart Only
12/11/19 10:48	12/11/19 12:13	1.42	5	Planned	Engine	Repair, and Restart
12/12/19 16:30	12/12/19 17:09	0.65	1	Proactive	Blower Skid	Replace, and Restart
12/12/19 16:30	12/12/19 17:04	0.57	2	Proactive	Blower Skid	Replace, and Restart
12/12/19 16:31	12/12/19 16:48	0.28	6	Proactive	Blower Skid	Replace, and Restart
12/12/19 16:31	12/12/19 16:52	0.35	4	Proactive	Blower Skid	Replace, and Restart
12/12/19 16:31	12/12/19 16:53	0.37	5	Proactive	Blower Skid	Replace, and Restart
12/12/19 16:31	12/12/19 16:53	0.37	3	Unplanned	Blower Skid	Replace, and Restart
12/12/19 16:53	12/12/19 16:53	0.00	3	Unplanned	Engine	Restart Only
12/13/19 11:58	12/13/19 12:32	0.57	5	Unplanned	Generator	Repair, and Restart
12/15/19 21:25	12/15/19 22:24	0.98	2	Unplanned	Engine	Replace, and Restart
12/16/19 10:55	12/16/19 11:10	0.25	3	Unplanned	Engine	Replace, and Restart
12/17/19 11:37	12/17/19 11:45	0.13	6	Unplanned	Engine	Replace, and Restart
12/17/19 15:28	12/18/19 15:04	23.60	3	Unplanned	Oxygen Levels	Restart Only
12/17/19 15:28	12/18/19 15:24	23.93	5	Unplanned	Oxygen Levels	Restart Only
12/17/19 15:28	12/18/19 17:39	26.18	6	Unplanned	Oxygen Levels	Reconfigure, Replace, and Restart
12/17/19 15:28	12/18/19 14:22	22.90	1	Unplanned	Oxygen Levels	Restart Only
12/17/19 15:28	12/18/19 14:47	23.32	2	Unplanned	Oxygen Levels	Restart Only
12/17/19 15:28	12/18/19 17:01	25.55	4	Unplanned	Oxygen Levels	Replace, and Restart
12/19/19 12:24	12/19/19 13:09	0.75	6	Planned	Engine	Repair, and Restart
12/21/19 6:23	12/21/19 7:10	0.78	1	Unplanned	Line / Substation Maintenance	Restart Only
12/21/19 6:25	12/21/19 7:06	0.68	2	Unplanned	Line / Substation Maintenance	Restart Only
12/21/19 6:25	12/21/19 8:04	1.65	4	Proactive	Engine	Replace, and Restart
12/21/19 6:25	12/21/19 7:10	0.75	5	Unplanned	Line / Substation Maintenance	Restart Only
12/21/19 6:25	12/21/19 7:08	0.72	3	Unplanned	Line / Substation Maintenance	Restart Only
12/21/19 6:25	12/21/19 7:08	0.72	6	Unplanned	Line / Substation Maintenance	Restart Only
12/21/19 6:23	12/21/19 17:50	1.45	6	Unplanned	Line / Substation Maintenance	Restart Only
12/21/19 16:24	12/21/19 17:51	1.45	5	Unplanned	Line / Substation Maintenance	Restart Only
12/21/19 16:24	12/21/19 17:53	1.48	4	Unplanned	Line / Substation Maintenance	Restart Only
12/21/19 16:25	12/21/19 17:47	1.37	3	Unplanned	Line / Substation Maintenance	Restart Only
12/21/19 16:26	12/21/19 17:49	1.38	1	Unplanned	Line / Substation Maintenance	Restart Only
12/21/19 16:26	12/21/19 17:46	1.33	2	Unplanned	Line / Substation Maintenance	Restart Only
12/21/19 17:52	12/21/19 18:05	0.22	5	Unplanned	Engine	Restart Only
12/21/19 18:52	12/21/19 19:51	0.98	4	Unplanned	Engine	Repair, and Restart
12/22/19 10:13	12/22/19 10:54	0.68	1	Unplanned	SCR / Catalyst	Repair, and Restart
12/23/19 8:53	12/23/19 14:14	5.35	5	Proactive	Engine	Reconfigure, and Restart
12/27/19 5:26	12/27/19 7:03	1.62	4	Unplanned	Engine	Reconfigure, and Restart
12/27/19 9:25	12/27/19 10:30	1.08	4	Unplanned	Engine	Replace, and Restart
12/30/19 8:50	12/30/19 9:02	0.20	3	Proactive	Engine	Replace, and Restart
1/2/20 15:48	1/2/20 16:14	0.43	2	Proactive	Engine	Replace, and Restart
1/5/20 10:12	1/5/20 10:52	0.67	2	Unplanned	Engine	Replace, and Restart
1/6/20 22:33	1/6/20 23:14	0.68	5	Unplanned	Engine	Replace, and Restart
1/8/20 9:27	1/8/20 11:01	1.57	1	Proactive	Engine	Replace, and Restart
1/8/20 14:08	1/8/20 14:49	0.68	4	Planned	Engine	Replace, and Restart
1/10/20 2:25	1/10/20 3:12	0.78	4	Unplanned	Engine	Reconfigure, and Restart
1/10/20 3:14	1/10/20 3:50	0.60	4	Unplanned	Engine	Replace, and Restart
1/13/20 21:24	1/13/20 23:34	2.17	3	Unplanned	Engine	Replace, and Restart
1/15/20 9:37	1/15/20 15:16	5.65	1	Planned	Engine	Reconfigure, Replace, and Restart
1/15/20 11:51	1/15/20 13:28	1.62	5	Unplanned	Oxygen Levels	Restart Only

Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
1/15/20 11:55	1/15/20 13:40	1.75	2	Unplanned	Oxygen Levels	Restart Only
1/15/20 11:55	1/15/20 13:39	1.73	3	Unplanned	Oxygen Levels	Restart Only
1/15/20 11:55	1/15/20 13:34	1.65	4	Unplanned	Oxygen Levels	Restart Only
1/15/20 11:55	1/15/20 13:24	1.48	6	Unplanned	Oxygen Levels	Restart Only
1/19/20 13:30	1/19/20 14:43	1.22	5	Unplanned	Engine	Replace, and Restart
1/20/20 8:24	1/28/20 12:46	196.37	3	Planned	Engine	Replace, and Restart
1/20/20 10:14	1/20/20 10:56	0.70	1	Proactive	Engine	Replace, and Restart
1/20/20 12:55	1/23/20 18:47	77.87	1	Proactive	Engine	Replace, and Restart
1/21/20 9:09	1/21/20 9:22	0.22	5	Unplanned	Engine	Replace, and Restart
1/24/20 13:19	1/24/20 15:22	2.05	1	Proactive	Engine	Reconfigure, and Restart
1/25/20 8:21	1/25/20 9:15	0.90	6	Proactive	Engine	Repair, Replace, and
1/25/20 9:25	1/25/20 9:45	0.33	6	Proactive	Engine	Repair, and Restart
1/26/20 14:10	1/26/20 15:00	0.83	5	Unplanned	Engine	Replace, and Restart
1/26/20 14:51	1/26/20 16:24	1.55	2	Proactive	Engine	Replace, and Restart
1/27/20 9:11	1/27/20 9:25	0.23	6	Unplanned	Engine	Repair, and Restart
1/27/20 14:28	1/27/20 18:31	4.05	4	Unplanned	Engine	Replace, and Restart
1/27/20 19:06	1/28/20 7:18	12.20	4	Unplanned	Engine	Restart Only
1/28/20 12:52	1/28/20 13:04	0.20	3	Unplanned	Engine	Restart Only
1/28/20 13:06	1/28/20 13:13	0.12	3	Unplanned	Engine	Restart Only
1/28/20 14:31	1/28/20 15:47	1.27	3	Proactive	Generator	Restart Only
1/28/20 16:38	1/28/20 16:46	0.13	3	Proactive	Generator	Restart Only
1/28/20 17:40	1/28/20 17:51	0.18	3	Proactive	Generator	Restart Only
1/29/20 13:03	1/29/20 14:01	0.97	3	Proactive	Engine	Reconfigure, and Restart
2/2/20 6:21	2/2/20 7:54	1.55	6	Unplanned	Engine	Replace, and Restart
2/2/20 8:26	2/2/20 8:48	0.37	6	Unplanned	Engine	Replace, and Restart
2/8/20 9:32	2/8/20 10:12	0.67	6	Unplanned	Engine	Restart Only
2/8/20 9:32	2/8/20 10:29	0.95	5	Unplanned	Engine	Restart Only
2/8/20 9:32	2/8/20 10:16	0.73	3	Unplanned	Engine	Restart Only
2/8/20 9:32	2/8/20 10:25	0.88	2	Unplanned	Engine	Restart Only
2/8/20 10:39	2/8/20 10:47	0.13	5	Unplanned	Engine	Restart Only
2/10/20 8:52	2/14/20 10:07	97.25	2	Planned	Engine	Reconfigure, Replace, and Restart
2/11/20 13:09	2/11/20 15:03	1.90	1	Unplanned	Engine	Repair, Replace, and
2/13/20 1:06	2/13/20 2:33	1.45	5	Unplanned	Engine	Replace, and Restart
2/14/20 10:08	2/14/20 11:07	0.98	2	Proactive	Engine	Repair, and Restart
2/14/20 11:11	2/14/20 11:32	0.35	2	Unplanned	Engine	Restart Only
2/14/20 13:15	2/14/20 14:53	1.63	3	Planned	Engine	Reconfigure, and Restart
2/15/20 13:09	2/15/20 14:29	1.33	2	Planned	Engine	Reconfigure, and Restart
2/19/20 8:54	2/19/20 15:19	6.42	4	Planned	Engine	Reconfigure, Replace, and Restart
2/19/20 15:55	2/19/20 16:12	0.28	4	Unplanned	Engine	Reconfigure, and Restart
2/20/20 10:58	2/20/20 14:28	3.50	1	Proactive	Engine	Reconfigure, and Restart
2/20/20 12:34	2/20/20 14:27	1.88	2	Unplanned	Oxygen Levels	Restart Only
2/20/20 12:34	2/20/20 14:14	1.67	3	Unplanned	Oxygen Levels	Restart Only
2/20/20 12:34	2/20/20 14:12	1.63	4	Unplanned	Oxygen Levels	Restart Only
2/20/20 12:34	2/20/20 14:10	1.60	5	Unplanned	Oxygen Levels	Restart Only
2/20/20 12:34	2/20/20 14:09	1.58	6	Unplanned	Oxygen Levels	Restart Only
2/25/20 13:51	2/25/20 14:37	0.77	6	Unplanned	Engine	Replace, and Restart
2/25/20 17:02	2/25/20 18:05	1.05	1	Unplanned	Engine	Restart Only
2/25/20 18:06	2/25/20 18:21	0.25	6	Unplanned	Engine	Restart Only
2/26/20 16:59	2/26/20 17:20	0.35	1	Unplanned	Blower Skid	Repair, and Restart

Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
2/27/20 11:56	2/27/20 13:27	1.52	1	Proactive	TSA / H2S / Siloxane Removal	Restart Only
2/27/20 11:58	2/27/20 13:12	1.23	2	Proactive	TSA / H2S / Siloxane Removal	Restart Only
2/27/20 11:59	2/27/20 13:45	1.77	3	Proactive	TSA / H2S / Siloxane Removal	Restart Only
2/27/20 11:59	2/27/20 13:00	1.02	4	Proactive	TSA / H2S / Siloxane Removal	Restart Only
2/27/20 11:59	2/27/20 13:53	1.90	5	Proactive	TSA / H2S / Siloxane Removal	Restart Only
2/27/20 11:59	2/27/20 12:31	0.53	6	Proactive	TSA / H2S / Siloxane Removal	Restart Only
2/27/20 12:33	2/27/20 13:19	0.77	6	Unplanned	Engine	Restart Only
2/27/20 13:01	2/27/20 13:37	0.60	4	Unplanned	Engine	Restart Only
2/27/20 13:40	2/27/20 13:52	0.20	4	Unplanned	Engine	Restart Only
2/27/20 13:56	2/27/20 14:07	0.18	4	Unplanned	Engine	Restart Only
2/27/20 14:15	2/28/20 18:09	27.90	4	Unplanned	Engine	Replace, and Restart
2/28/20 16:37	2/28/20 16:50	0.22	5	Unplanned	Engine	Replace, and Restart
2/28/20 16:50	2/28/20 16:59	0.15	5	Unplanned	Engine	Reconfigure, and Restart
2/29/20 11:32	2/29/20 11:48	0.27	5	Unplanned	Engine	Reconfigure, and Restart
3/2/20 16:42	3/26/20 2:24	561.70	5	Unplanned	Engine	Restart Only
3/3/20 8:51	3/3/20 9:40	0.82	3	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
3/3/20 8:52	3/3/20 9:48	0.93	2	Unplanned	Engine	Replace, and Restart
3/3/20 13:12	3/25/20 10:49	525.62	1	Unplanned	Engine	Restart Only
3/3/20 13:17	3/26/20 2:16	540.98	2	Unplanned	Engine	Restart Only
3/3/20 13:21	3/26/20 2:19	540.97	3	Unplanned	Engine	Restart Only
3/3/20 13:27	3/29/20 18:25	628.97	6	Unplanned	Engine	Reconfigure, Replace, and Restart
3/25/20 23:13	3/26/20 2:14	3.02	4	Unplanned	Engine	Restart Only
3/25/20 23:13	3/26/20 2:07	2.90	1	Unplanned	Engine	Restart Only
3/30/20 10:39	3/30/20 14:15	3.60	6	Planned	Engine	Reconfigure, and Restart
3/30/20 22:12	3/31/20 14:33	16.35	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
3/31/20 12:46	3/31/20 21:07	8.35	2	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
3/31/20 12:46	3/31/20 19:42	6.93	4	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
3/31/20 12:46	3/31/20 19:48	7.03	3	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
3/31/20 12:46	3/31/20 19:38	6.87	5	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
3/31/20 12:46	3/31/20 14:33	1.78	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
3/31/20 14:35	3/31/20 19:35	5.00	6	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
3/31/20 14:35	3/31/20 19:39	5.07	1	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart



Shutdown Date/Time mm/dd/yy hh:mm	Startup Date/time mm/dd/yy hh:mm	Duration Hours	Engines Down	Type of Shutdown	Reason/Action	Comments
3/31/20 19:43	4/1/2020 0:00	4.28	4	Unplanned	Engine	Replace, and Restart
3/31/20 21:13	4/1/2020 0:00	2.78	6	Unplanned	Oxygen Levels	Restart Only
3/31/20 21:13	4/1/2020 0:00	2.78	5	Unplanned	Oxygen Levels	Restart Only
3/31/20 21:13	3/31/20 21:42	0.48	2	Unplanned	Oxygen Levels	Restart Only
3/31/20 21:13	3/31/20 21:35	0.37	3	Unplanned	Oxygen Levels	Restart Only
3/31/20 21:13	3/31/20 21:37	0.40	1	Unplanned	Oxygen Levels	Restart Only
3/31/20 22:28	4/1/2020 0:00	1.53	1	Unplanned	Oxygen Levels	Restart Only
3/31/20 22:30	4/1/2020 0:00	1.50	2	Unplanned	Oxygen Levels	Restart Only
3/31/20 22:30	4/1/2020 0:00	1.50	3	Unplanned	Oxygen Levels	Restart Only

TSA = Thermal Swing Adsorber

H2S = Hydrogen Sulfide

SCR = Selective Catalytic Reducer

HVAC = Heating, Ventilation, and Air Conditioning

BOP = Blowout Preventer

\*There were 721 hours in November 2019 and 743 hours in March 2020 due to Daylight Savings Time. There were 696 hours in February 2020 due to Leap Year.

## APPENDIX E

### GCCS DOWNTIME

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

<b>Ox Mountain Landfill, Half Moon Bay, CA GCCS DOWNTIME REPORT PERIOD OCTOBER 1, 2019 THROUGH MARCH 31, 2020</b>				
SHUTDOWN DATE/TIME	START-UP DATE/TIME	TOTAL DOWNTIME (hours)	COMMENTS OR REASONS	ACTION TAKEN
10/10/19 0:28	10/10/19 18:42	18.23	A-7 and A-9 Flares automatically shutdown due to PG&E Public Safety Power Shutdown (PSPS) event. All engines shutdown due to line/substation maintenance.	As reported by Ameresco, all engines restart only. A-7 and A-9 Flares manually restarted following inspection.
10/26/19 21:18	10/28/19 16:01	42.72	A-7 and A-9 Flares automatically shutdown due to PG&E PSPS event. All engines shutdown due to extreme weather.	As reported by Ameresco, all engines restart only. A-7 and A-9 Flares manually restarted following inspection.
10/28/19 16:57	10/28/19 17:21	0.40	A-7 Flare automatically shutdown due to utility outage. A-9 Flare automatically shutdown due to high temperature. All engines shutdown due to oxygen levels.	As reported by Ameresco, all engines restart only. A-7 and A-9 Flares manually restarted following inspection.
2/20/20 12:58	2/20/20 13:04	0.10	Automatic shutdown of A-7 Flare due to flame failure. Automatic shutdown of A-9 Flare due to low temperature. Engine 1 shutdown manually; engines 2, 3, 4, 5, and 6 shutdown automatically due to oxygen levels.	As reported by Ameresco, Engine 1 reconfigured and restarted. Engines 2, 3, 4, 5, and 6 restart only. A-7 and A-9 Flares manually restarted.
3/31/20 14:00	3/31/20 14:02	0.03	A-7 Flare automatically shutdown due to high temperature. A-9 Flare automatically shutdown due to flame failure. All engines unplanned shutdown due to TSA/H2S/siloxane removal.	As reported by Ameresco, all engines replaced and restarted. A-7 and A-9 Flares manually restarted following inspection.
3/31/20 14:04	3/31/20 14:16	0.20	A-7 Flare automatically shutdown due to high temperature. A-9 Flare automatically shutdown due to flame failure. All engines unplanned shutdown due to TSA/H2S/siloxane removal.	As reported by Ameresco, all engines replaced and restarted. A-7 and A-9 Flares manually restarted.
3/31/20 21:13	3/31/20 21:20	0.12	A-7 Flare automatically shutdown due to high temperature. A-9 Flare automatically shutdown due to low temperature. All engines unplanned shutdown due to oxygen levels.	As reported by Ameresco, all engines restarted. A-7 and A-9 Flares manually restarted following inspection.

<u>Combined Emission Control Devices</u>	
2019 TOTAL DOWNTIME (HOURS):	<b>91.20</b>
2020 TOTAL DOWNTIME (HOURS):	<b>0.45</b>
OCTOBER 1, 2019 THROUGH MARCH 31, 2020 TOTAL DOWNTIME (HOURS):	<b>71.93</b>
TOTAL PERMITTED DOWNTIME (HOURS):	<b>240</b>
2019 DOWNTIME PERCENT OF 240 HOURS:	<b>38.00%</b>

Notes: 1 - GCCS Downtime is when all emission control devices are not operating.

## **APPENDIX F**

### **FLARE FLOW AND TEMPERATURE DEVIATION/INOPERATIVE MONITORING/MISSING DATA REPORTS**

**Ox Mountain Landfill, Half Moon Bay, California****A-7 Flare TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT OCTOBER 1, 2019 THROUGH MARCH 31, 2020****REPORT PREPARED BY:** Tetra Tech**DATE:** April 1, 2020**TEMPERATURE SENSING DEVICE:** Thermocouple**MODEL:** Thermo-Electric

START DATE & TIME	END DATE & TIME	TEMP (°F) / FLOW	CAUSE	EXPLANATION	ACTION TAKEN
No deviations or inoperative monitors were reported during the October 1, 2019 through March 31, 2020 Reporting Period.					
<b>COMMENTS:</b>					
1 In accordance with Title V Permit Condition Number 10164, Part 23(a), the A-7 Flare combustion zone 3-hour average temperature did not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation.					
2 The A-7 Flare combustion zone 3-hour average temperature did not drop below the 1,599°F limit established during the September 5, 2018 annual source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 23, and 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) in Subpart WWW of the New Source Performance Standard (NSPS).					
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, 2019 THROUGH MARCH 31, 2020****REPORT PREPARED BY:** Tetra Tech**DATE:** April 1, 2020**TEMPERATURE SENSING DEVICE:** Thermocouple**MODEL:** Thermo-Electric

START DATE & TIME	END DATE & TIME	TEMP (°F) / FLOW	CAUSE	EXPLANATION	ACTION TAKEN
No deviations or inoperative monitors were reported during the October 1, 2019 through March 31, 2020 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 established during the September 13, 2016 annual source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 23, and 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) in Subpart WWW of the New Source Performance Standard (NSPS).					
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, 2019 THROUGH MARCH 31, 2020****REPORT PREPARED BY:** Tetra Tech**DATE:** April 1, 2020**TEMPERATURE SENSING DEVICE:** Thermocouple**MODEL:** Thermo-Electric



START DATE & TIME	END DATE & TIME	TEMP (°F) / FLOW	CAUSE	EXPLANATION	ACTION TAKEN
No deviations or inoperative monitors were reported during the October 1, 2019 through March 31, 2020 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 shall not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation.					
2 The A-9 Flare combustion zone 3-hour average temperature did not drop below the 1,618°F limit established during the September 5, 2018 annual source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 23, and 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) in Subpart WWW of the New Source Performance Standard (NSPS).					
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.					
4 GCCS = Gas Collection and Control System					

## **APPENDIX G**

### **COVER INTEGRITY MONITORING LOGS**



# Cover Integrity Inspection Observations

Timestamp	Site Conditions	Weather Conditions	Item Keywords	Item Description	Recommended Remedy	Field Image	Image Description	Technician	Completed
10/1/2019	dry	clear	erosion	Large crack in earth, 1.5ft deep. Between 87A & 87-5B	Dirt cover		Lat: 38.301694 Long: -122.75302	matt.bowman	<input type="checkbox"/>
10/3/2019	dry	clear	erosion	Crack forming, 1ft + depth, just NE of well 48A, above haul rd initial hairpin turn.	Dirt cover		Lat: 38.298557 Long: -122.75019	matt.bowman	<input type="checkbox"/>

# OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT

## Monthly Cover Monitoring

**LOCATION:** Ox Mountain Sanitary Landfill  
**INSPECTION DATE:** November 1, 4, 5, 8, 12, 13, 14, 15, 20, 21, 22, 23, 26, and 27, 2019  
**TECHNICIAN:** Matt Bowman, Jack Carroll, and Mike Schorer

SECURITY & ACCESS	YES	NO	COMMENTS
Entrance locked and secured	YES		
Signs clearly posted	YES		
Evidence of trespassing		NO	
Litter or debris on-site	YES		
Fence in good condition	YES		

COVER & VEGETATION	YES	NO	COMMENTS
Settling of cap		NO	
Dead vegetation		NO	
Erosion on cap system		NO	
Erosion on side slopes		NO	
Ponding of water on cap		NO	
Surface cracking		NO	
Acceptable vegetation	YES		
Exposed waste	YES		



LFG SYSTEM	YES	NO	COMMENTS
Extraction wells in good condition	YES		
Flare/Blower station secured	YES		

**ADDITIONAL COMMENTS:**  
 No issues found.

# Cover Integrity Inspection Observations

Timestamp	Site Conditions	Weather Conditions	Item Keywords	Item Description	Recommended Remedy	Field Image	Image Description	Technician	Completed
12/5/2019	wet	rain	leachate_outbreak standing_water	Leachate seeping around standing water, along bench just above well 100-3	Dirt cover		Lat: 38.299623 Long: -122.75262	matt.bowman	<input type="checkbox"/>
12/9/2019	wet	cloudy	leachate_outbreak standing_water	Pooling leachate on side of bench road, of western slope, just north of well 99-A	Dirt cover		Lat: 38.503548 Long: -122.74994	matt.bowman	<input type="checkbox"/>

# Cover Integrity Inspection Observations

Timestamp	Site Conditions	Weather Conditions	Item Keywords	Item Description	Recommended Remedy	Field Image	Image Description	Technician	Completed
12/11/2019	wet	rain	leachate_outbreak standing_water	Leachate seeping from hillside, & pooling along bench road between 49-A & 49-1A	Dirt cover, rocks, improved drainage		Lat: 38.298252 Long: -122.75098	matt.bowman	<input type="checkbox"/>
12/11/2019	wet	rain	leachate_outbreak	Leachate seeping through ground near well 97-0	Dirt cover		Lat: 38.301351 Long: -122.75276	matt.bowman	<input type="checkbox"/>

Timestamp	Site Conditions	Weather Conditions	Item Keywords	Item Description	Recommended Remedy	Field Image	Image Description	Technician	Completed
1/9/2020	wet	rain	erosion	Portion of upper bench rd eroded (just beneath well 1808)	Repair road/ add drainage		Lat: 37.498555 Long: -122.40969	matt.bowman	<input type="checkbox"/>
1/23/2020	wet	overcast	erosion standing_water	Rust colored standing water/ bubbles indicating escaping gas	Dirt fill/cover		Lat: 37.496658 Long: -122.41202	jack.carroll	<input type="checkbox"/>

# OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT

## COVER INTEGRITY INSPECTION

**LOCATION:** Ox Mountain Disposal Site


**INSPECTION DATE:** 2-17-20

**TECHNICIAN:** Max Polkabila

SECURITY & ACCESS	YES	NO	COMMENTS
Entrance locked and secured	X		
Signs clearly posted	X		
Evidence of trespassing		X	
Litter or debris on-site		X	
Fence in good condition	X		

COVER & VEGETATION	YES	NO	COMMENTS
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes		X	
Ponding of water on cap		X	
Surface cracking		X	
Acceptable vegetation	X		
Exposed waste		X	

LFG SYSTEM	YES	NO	COMMENTS
Extraction wells in good condition	X		
Flare/Blower station secured	X		

Timestamp	Site Conditions	Weather Conditions	Item Keywords	Item Description	Recommended Remedy	Field Image	Image Description	Technician	Completed
2/6/2020	saturated	clear	erosion	Ground erosion by well 36	Fill with dirt		Lat: 37.505972 Long: -122.40791	max.polkabla	<input type="checkbox"/>

# OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT

## COVER INTEGRITY INSPECTION

**LOCATION:** Ox Mountain Disposal Site

**INSPECTION DATE:** 3-30-20


**TECHNICIAN:** Jack Carroll

SECURITY & ACCESS	YES	NO	COMMENTS
Entrance locked and secured	X		
Signs clearly posted	X		
Evidence of trespassing		X	
Litter or debris on-site		X	
Fence in good condition	X		

COVER & VEGETATION	YES	NO	COMMENTS
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes		X	
Ponding of water on cap	X		Please see page 2 for description
Surface cracking		X	
Acceptable vegetation	X		
Exposed waste		X	

LFG SYSTEM	YES	NO	COMMENTS
Extraction wells in good condition	X		
Flare/Blower station secured	X		



Timestamp	Site Conditions	Weather Conditions	Item Keywords	Item Description	Recommended Remedy	Field Image	Image Description	Technician	Completed
3/30/2020	damp	overcast	Standing water	Standing water pooling around well 187 on middle bench road of southern slope	Rock & dirt cover/fill		Lat: 37.497520 Long: -122.41273	matt.bowman	<input type="checkbox"/>

## **APPENDIX H**

### **SURFACE EMISSIONS MONITORING REPORTS**



# Ox Mountain Landfill

Quarterly Surface Emissions Monitoring Report – Third Quarter 2019





December 12, 2019

**Mr. Agustin Moreno**  
**Republic Services, Inc**  
Ox Mountain Landfill  
12310 San Mateo Rd  
Half Moon Bay, CA 94019

Subject: Third Quarter 2019 Surface Emissions Monitoring Results for the Ox Mountain Landfill,  
Half Moon Bay, CA

Dear Mr. Moreno:

This report provides results of the August 19, 20, 21, 23, 29, and September 6, and 11, 2019, New Source Performance Standards (NSPS) and California Air Resources Board (CARB) Landfill Methane Rule (LMR) surface emissions monitoring (SEM) performed by Tetra Tech at the subject site. All work was performed in accordance with Republic Standard Operating Procedures (SOP), NSPS and LMR requirements.

## **SUMMARY AND CONCLUSIONS**

As stipulated in the LMR, if uncorrectable exceedances within the 10-day limitation are detected or emissions are discovered during an inspection by Regulatory Agencies, the landfill must perform monitoring on a 25-foot pathway on a quarterly basis for active disposal sites. If four (4) consecutive quarters of monitoring are performed without any exceedances, as stipulated in the LMR, the landfill may increase the spacing to 100-foot pathways. Therefore, based on the previous monitoring events, in which exceedances were observed, the monitoring at the Ox Mountain Landfill was performed on 25-foot pathways in accordance with the LMR.

As required by the LMR, the landfill was divided into 50,000 square foot or less (partial) areas. The Ox Mountain Landfill surface area was, therefore, divided into one hundred and sixty-four (164) individual grids as shown in Appendix A.

The third quarter 2019 SEM testing results indicated nineteen (19) exceedances of the LMR integrated threshold limit of 25 parts per million by volume (ppmv) as measured as methane above background and fifteen (15) locations that exceeded the NSPS and LMR instantaneous level of 500 ppmv during the initial monitoring event. System adjustments and repair work (borehole repairs, installation of bentonite and compaction) was performed by Tetra Tech and site personnel. Subsequent re-monitoring occurred within the required timelines from NSPS and LMR. Re-monitoring indicated there were eleven (11) grids with remaining integrated exceedances and no grids with remaining instantaneous exceedances. These results are discussed in a subsequent section of this report.

Additionally, during this event, some grids were not monitored as these areas were deemed unsafe by Tetra Tech and site personnel for entry due to active filling operations or soil management operations, which could cause a potential for injury of monitoring personnel as follows:

- Full grids 30, 31, 37, 38, 44, 45, 50, 51, 57, 58, 59, 60, 65, 66, 67, 71, 73, 74, 75, 80, 81, 82, 87, 88, 89, 94, 95, 100, 101, 106, 107, 112, 113, 118, 119, 122, 124, and 125 were not monitored due to active construction, heavy equipment traffic, or steep slopes (steeper than 33.5% or 18 degrees) which resulted in unsafe conditions. (see Appendix A).
- Partial grids 5, 7, 11, 14, 17, 20, 21, 22, 26, 28, 29, 35, 36, 41, 43, 47, 49, 55, 56, 63, 72, 78, 79, 90, 93, 96, 99, 102, 105, 108, 114, 120, 126, 154, 155, 159, 160, 163, and 164 were not monitored due to active construction, heavy equipment traffic, or steep slopes (steeper than 33.5% or 18 degrees) 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.

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. Ninety-eight (98) 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, and any observed surface erosion be routinely repaired and flowrates to the destruction devices be maximized.

## **BACKGROUND**

The Ox Mountain Landfill is an active organic refuse disposal site. By way of background, organic materials buried in a landfill decompose anaerobically (in the absence of oxygen) producing a combustible gas, which contains approximately 50 to 60 percent methane, 40 to 50 percent carbon dioxide, and trace amounts of various other gases, some of which are odorous. The Ox Mountain Landfill property contains a Gas Collection and Control System (GCCS) to control the combustible gases generated in the landfill that may otherwise either vent vertically to the atmosphere or migrate horizontally through subsurface soil to locations on adjacent properties.

## **SURFACE EMISSIONS MONITORING**

On August 19, 20, 21, 23, 29, and September 6, and 11, 2019, the instantaneous and integrated SEM was performed over the surface of the subject site. 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 an average methane concentration of 25 ppmv for the integrated monitoring in the 50,000 square foot grids as required under the LMR. During this event Tetra Tech performed the monitoring on 25-foot pathways in all accessible areas, in accordance with the rules as required.

## **EMISSIONS TESTING INSTRUMENTATION/CALIBRATION**

Instruments used to perform the landfill surface emission testing consisted of the following:

- Trimble SiteFID Landfill Gas Monitor Portable Flame Ionization Detector (FID). This instrument measures methane in air over a range of 1 to 50,000 ppmv. The SiteFID meets the CARB requirements for combined instantaneous and integrated monitoring and was calibrated in accordance with United States Environmental Protection Agency (US EPA) Method 21 and manufacturers specifications.
- A portable wind data logger by Secure Digital is used to monitor and log wind speeds while performing emissions monitoring. Field observations and local weather station information is used to track weather conditions and rain events.

Instrument calibration logs and instantaneous weather information are shown in Appendix D and E.

## **SURFACE EMISSIONS MONITORING PROCEDURES**

Instantaneous and integrated SEM was conducted in accordance with NSPS and LMR requirements. Monitoring was performed with the FID inlet held within 3 inches of the landfill surface while a technician walked a grid in parallel paths not more than 25-feet apart over the surface of the landfill unless site safety conditions or prior monitoring results allowed 100-foot pathways. Cracks, holes and all cover penetrations in the surface were also tested. Instantaneous surface emissions readings were monitored continuously and recorded every 5 seconds. Any areas in exceedance of the 200 or 500 ppmv standards (reporting and compliance levels, respectively) will be GPS tagged, any locations exceeding the 500 ppmv standard will also be 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 was above 5 miles per hour. No rainfall occurred during or within 24 hours of monitoring, in accordance with the alternative compliance condition. Therefore, site meteorological conditions were within the requested alternatives of the LMR requirements on the above-mentioned dates.

## TESTING RESULTS

During this SEM event Tetra Tech performed the monitoring on 25-foot pathways in accordance with the rules as required under the LMR and NSPS. 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 an average methane concentration of 25 ppmv for the integrated monitoring.

During the initial monitoring event on August 19, 20, 21, and 23, 2019, there were nineteen (19) exceedances of the LMR integrated threshold limit of 25 ppmv as measured as methane above background and fifteen (15) locations that exceeded the NSPS and LMR instantaneous level of 500 ppmv. 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 which was conducted on August 29, 2019 indicated that three (3) of the areas with integrated exceedances and fifteen (15) areas with instantaneous exceedances had returned to compliance.

Follow-up monitoring was conducted at the second 10-day and one-month intervals as required on September 6 and 11, 2019, respectively. All areas of initial exceedance were re-monitored during these times following additional abatement activities by site personnel. After the second 10-day and one-month confirmation re-monitoring events, eleven (11) integrated and no instantaneous locations remained above the LMR thresholds of compliance. Based on these results, upgrades and/or GCCS expansion is required within 120 days (of the initial exceedances) for these ongoing exceedances. The deadline for completing a gas expansion project is December 18, 2019. Results of the monitoring are shown in Appendix B and C (Table 3). Calibration logs for the monitoring equipment are provided in Appendix D.

Furthermore, as required by the NSPS for surface emissions, the landfill perimeter was walked and tested. Results of this testing indicated that no exceedances of the 500 ppmv limit were observed, therefore the site perimeter was in compliance with the requirements of the rule.

As mentioned above:

- Full grids 30, 31, 37, 38, 44, 45, 50, 51, 57, 58, 59, 60, 65, 66, 67, 71, 73, 74, 75, 80, 81, 82, 87, 88, 89, 94, 95, 100, 101, 106, 107, 112, 113, 118, 119, 122, 124, and 125 were not monitored due to active construction, heavy equipment traffic, or steep slopes (steeper than 33.5% or 18 degrees) which resulted in unsafe conditions. (see Appendix A).
- Partial grids 5, 7, 11, 14, 17, 20, 21, 22, 26, 28, 29, 35, 36, 41, 43, 47, 49, 55, 56, 63, 72, 78, 79, 90, 93, 96, 99, 102, 105, 108, 114, 120, 126, 154, 155, 159, 160, 163, and 164 were not monitored due to active construction, heavy equipment traffic, or steep slopes (steeper than 33.5% or 18 degrees) which resulted in unsafe conditions. (see Appendix A).

As these areas were deemed unsafe by Tetra Tech 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.

## **PRESSURIZED PIPE AND COMPONENT LEAK MONITORING**

During this monitoring event, Tetra Tech performed landfill gas (LFG) component leak monitoring at the LFG wells and flare station piping. Monitoring was performed with the detector inlet held one half of an inch from pressurized pipe and associated components. No locations exceeding the 500 ppmv threshold were observed during the monitoring event. Therefore, based on these results, all well components and flare station piping located at the landfill were in compliance at the time of testing.

## **PROJECT SCHEDULE**

Following the initial events performed on August 19, 20, 21, and 23, 2019 subsequent re-monitoring was scheduled for 10 days later. The first 10-day re-monitoring event was performed on August 29, 2019. The second 10-day re-monitoring event was performed on September 6, 2019 and one-month confirmation testing on abated instantaneous readings was performed on September 11, 2019.

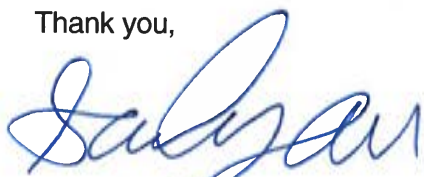
In accordance with the approved Scope of Work, Tetra Tech is scheduled to perform the fourth quarter NSPS and LMR monitoring event by the end of December 2019 in all areas deemed safe for entry.

## **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 Sami Ayass at (909) 655-3255.

Thank you,



Sami H Ayass, P.E. – Project Manager

This report contains the following Appendices:

**Appendix A:** Surface Grid Map

**Appendix B:** Instantaneous Monitoring Results

**Appendix C:** Integrated Monitoring Results

**Appendix D:** Calibration Logs

**Appendix E:** Weather Data

**Appendix F:** Wind Speed Data



# APPENDIX A



## Surface Grid Map



# Ox Mountain Landfill - 3Q2019 SEM

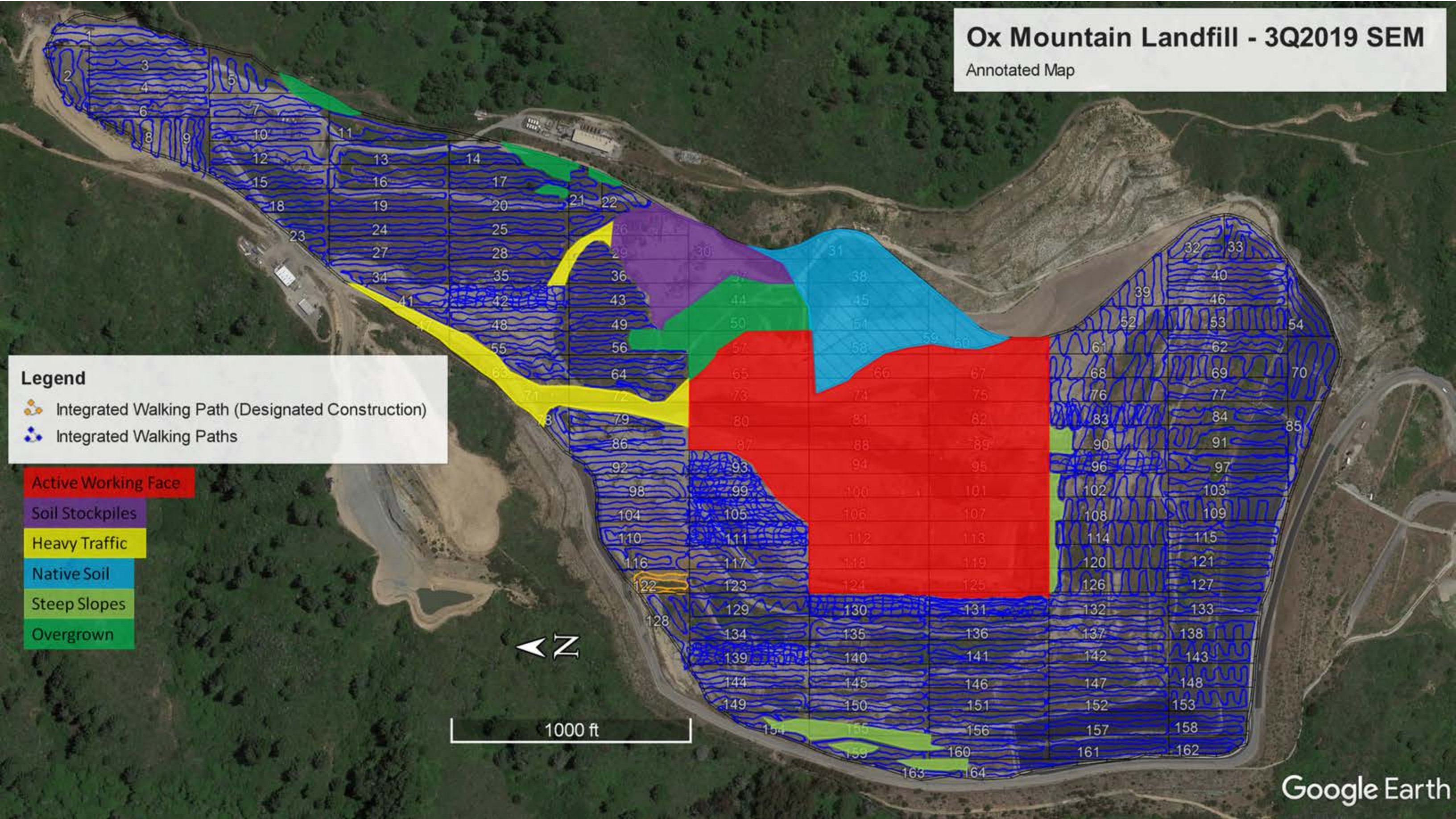
Annotated Map

## Legend

-  Integrated Walking Path (Designated Construction)
-  Integrated Walking Paths

-  Active Working Face
-  Soil Stockpiles
-  Heavy Traffic
-  Native Soil
-  Steep Slopes
-  Overgrown

1000 ft



# **APPENDIX B**

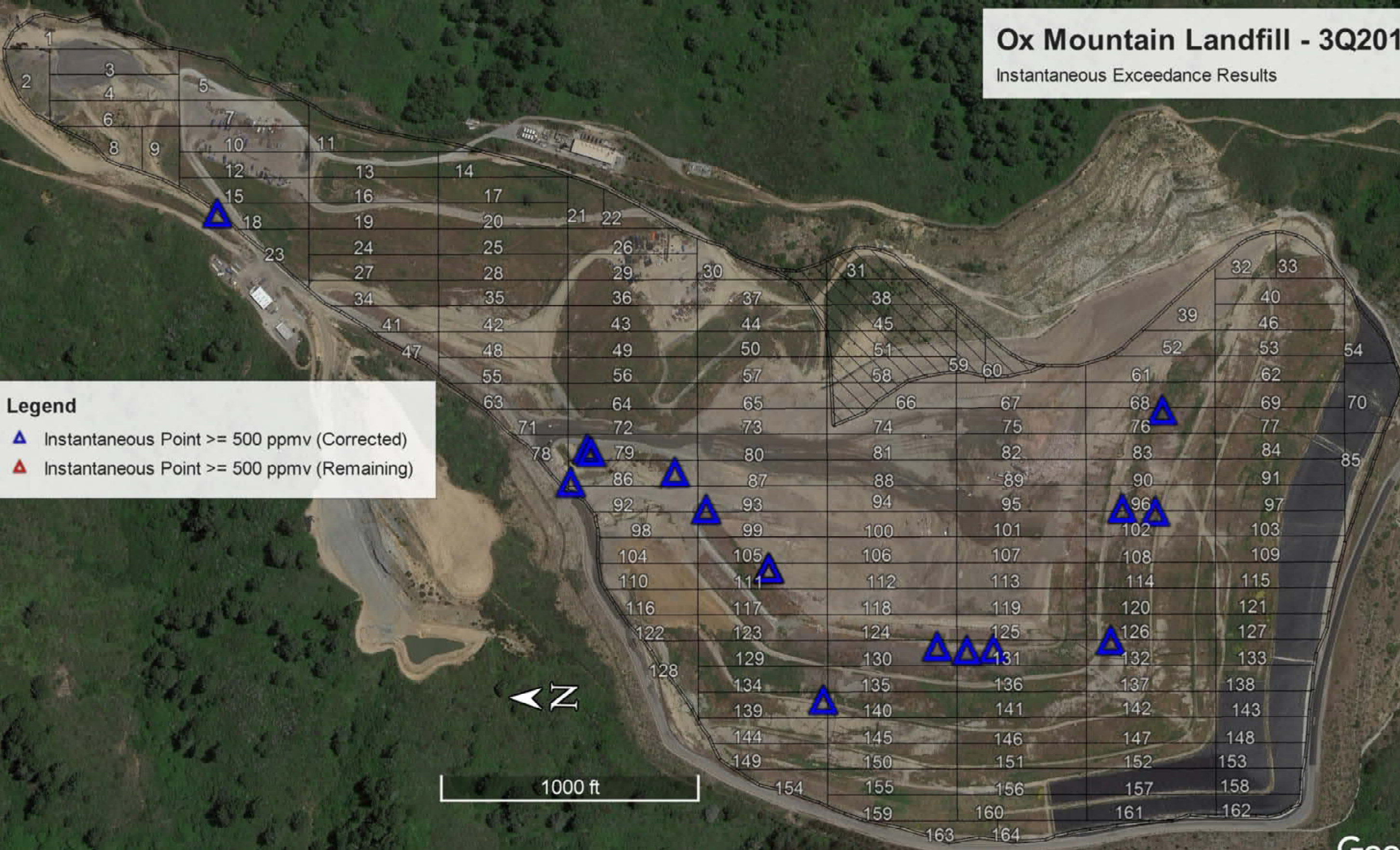
## **Instantaneous Monitoring Results**

# Ox Mountain Landfill - 3Q2019 SEM

Instantaneous Exceedance Results

## Legend

- ▲ Instantaneous Point  $\geq 500$  ppmv (Corrected)
- ▲ Instantaneous Point  $\geq 500$  ppmv (Remaining)



SUMMARY OF INSTANTANEOUS METHANE CONCENTRATIONS BETWEEN 200-499 PPMV  
3Q2019 Ox Mountain Landfill

FILE NAME	DATE	GRID NO.	ID NO.	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_15_2019_Q3_Initial.csv	8/19/2019	15	111	37.507175	-122.406793	296.9
MONITOR_ox_mtn_GRID_15_2019_Q3_Initial.csv	8/19/2019	15	112	37.507200	-122.406785	206.3
MONITOR_ox_mtn_GRID_18_2019_Q3_Initial.csv	8/19/2019	18	32	37.507933	-122.407030	441.9
MONITOR_ox_MTN_GRID_19_2019_Q3_Initial.csv	8/19/2019	19	85	37.506982	-122.407038	224.5
MONITOR_ox_mtn_GRID_23_2019_Q3_Initial.csv	8/19/2019	23	56	37.507368	-122.407542	226.1
MONITOR_ox_mtn_GRID_23_2019_Q3_Initial.csv	8/19/2019	23	57	37.507345	-122.407560	200.9
MONITOR_ox_mtn_GRID_23_2019_Q3_Initial.csv	8/19/2019	23	58	37.507317	-122.407580	200.1
MONITOR_ox_mtn_GRID_33_2019_Q3_Initial.csv	8/23/2019	33	71	37.496463	-122.407230	461.5
MONITOR_ox_mtn_GRID_39_2019_Q3_Initial.csv	8/23/2019	39	70	37.497792	-122.408342	349.2
MONITOR_ox_mtn_GRID_40_2019_Q3_Initial.csv	8/23/2019	40	2	37.496052	-122.407658	206.9
MONITOR_ox_MTN_GRID_42_2019_Q3_Initial.csv	8/20/2019	42	28	37.505348	-122.408273	374.2
MONITOR_ox_MTN_GRID_42_2019_Q3_Initial.csv	8/20/2019	42	30	37.505407	-122.408277	244.9
MONITOR_ox_MTN_GRID_42_2019_Q3_Initial.csv	8/20/2019	42	63	37.504867	-122.408372	208.5
MONITOR_ox_MTN_GRID_76_2019_Q3_Initial.csv	8/23/2019	76	66	37.497862	-122.409370	273.4
MONITOR_ox_MTN_GRID_76_2019_Q3_Initial.csv	8/23/2019	76	67	37.497878	-122.409397	315.6
MONITOR_ox_mtn_GRID_78_2019_Q3_Initial.csv	8/20/2019	78	9	37.504358	-122.410310	218.2
MONITOR_ox_mtn_GRID_79_2019_Q3_Initial.csv	8/20/2019	79	66	37.503935	-122.410118	378.7
MONITOR_ox_MTN_GRID_83_2019_Q3_Initial.csv	8/23/2019	83	19	37.498365	-122.410113	213.1
MONITOR_ox_MTN_GRID_83_2019_Q3_Initial.csv	8/23/2019	83	23	37.498278	-122.410022	250.8
MONITOR_ox_MTN_GRID_83_2019_Q3_Initial.csv	8/23/2019	83	25	37.498243	-122.409937	397.3
MONITOR_ox_MTN_GRID_83_2019_Q3_Initial.csv	8/23/2019	83	27	37.498227	-122.409847	206.7
MONITOR_ox_MTN_GRID_83_2019_Q3_Initial.csv	8/23/2019	83	29	37.498197	-122.409758	250.3
MONITOR_ox_MTN_GRID_83_2019_Q3_Initial.csv	8/23/2019	83	30	37.498168	-122.409732	273.2
MONITOR_ox_mtn_GRID_86_2019_Q3_Initial.csv	8/20/2019	86	81	37.503067	-122.410348	376.2
MONITOR_ox_mtn_GRID_86_2019_Q3_Initial.csv	8/20/2019	86	82	37.503040	-122.410355	231.4
MONITOR_ox_mtn_GRID_86_2019_Q3_Initial.csv	8/20/2019	86	85	37.502860	-122.410377	314.1
MONITOR_ox_mtn_GRID_86_2019_Q3_Initial.csv	8/20/2019	86	86	37.502858	-122.410417	248.6
MONITOR_ox_mtn_GRID_86_2019_Q3_Initial.csv	8/20/2019	86	87	37.502853	-122.410452	300.2
MONITOR_ox_MTN_GRID_90_2019_Q3_Initial.csv	8/23/2019	90	116	37.498255	-122.410135	209.7
MONITOR_ox_MTN_GRID_90_2019_Q3_Initial.csv	8/23/2019	90	134	37.498412	-122.410122	407.1
MONITOR_ox_mtn_GRID_93_2019_Q3_Initial.csv	8/20/2019	93	14	37.502398	-122.410688	210.3
MONITOR_ox_mtn_GRID_93_2019_Q3_Initial.csv	8/20/2019	93	57	37.502725	-122.410830	231.2
MONITOR_ox_MTN_GRID_96_2019_Q3_Initial.csv	8/23/2019	96	20	37.498308	-122.410765	340.8
MONITOR_ox_MTN_GRID_96_2019_Q3_Initial.csv	8/23/2019	96	21	37.498295	-122.410727	205.9
MONITOR_ox_MTN_GRID_96_2019_Q3_Initial.csv	8/23/2019	96	22	37.498287	-122.410710	455.7
MONITOR_ox_MTN_GRID_96_2019_Q3_Initial.csv	8/23/2019	96	36	37.498205	-122.410763	273.3
MONITOR_ox_MTN_GRID_96_2019_Q3_Initial.csv	8/23/2019	96	37	37.498197	-122.410793	354.0
MONITOR_ox_MTN_GRID_96_2019_Q3_Initial.csv	8/23/2019	96	48	37.498057	-122.410445	265.2
MONITOR_ox_mtn_GRID_98_2019_Q3_Initial.csv	8/20/2019	98	12	37.503083	-122.410940	312.4
MONITOR_ox_mtn_GRID_98_2019_Q3_Initial.csv	8/20/2019	98	13	37.503108	-122.410950	213.8
MONITOR_ox_mtn_GRID_98_2019_Q3_Initial.csv	8/20/2019	98	34	37.503793	-122.410977	373.1
MONITOR_ox_mtn_GRID_99_2019_Q3_Initial.csv	8/20/2019	99	9	37.502553	-122.410963	384.3
MONITOR_ox_mtn_GRID_99_2019_Q3_Initial.csv	8/20/2019	99	21	37.502155	-122.410965	369.4
MONITOR_ox_mtn_GRID_99_2019_Q3_Initial.csv	8/20/2019	99	49	37.502053	-122.411015	221.7

SUMMARY OF INSTANTANEOUS METHANE CONCENTRATIONS BETWEEN 200-499 PPMV  
3Q2019 Ox Mountain Landfill

FILE NAME	DATE	GRID NO.	ID NO.	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_ox_MTN_GRID_102_2019_Q3_Initial.csv	8/23/2019	102	85	37.497987	-122.410820	366.4
MONITOR_ox_MTN_GRID_102_2019_Q3_Initial.csv	8/23/2019	102	160	37.498538	-122.410837	230.6
MONITOR_ox_mtn_GRID_104_2019_Q3_Initial.csv	8/20/2019	104	14	37.503257	-122.411305	218.5
MONITOR_ox_mtn_GRID_105_2019_Q3_Initial.csv	8/20/2019	105	24	37.502457	-122.411327	275.9
MONITOR_ox_mtn_GRID_105_2019_Q3_Initial.csv	8/20/2019	105	26	37.502412	-122.411302	217.3
MONITOR_ox_mtn_GRID_105_2019_Q3_Initial.csv	8/20/2019	105	30	37.502268	-122.411327	275.4
MONITOR_ox_mtn_GRID_105_2019_Q3_Initial.csv	8/20/2019	105	31	37.502238	-122.411318	236.4
MONITOR_ox_mtn_GRID_105_2019_Q3_Initial.csv	8/20/2019	105	124	37.502130	-122.411465	325.1
MONITOR_ox_MTN_GRID_108_2019_Q3_Initial.csv	8/23/2019	108	17	37.498398	-122.411265	296.8
MONITOR_ox_MTN_GRID_108_2019_Q3_Initial.csv	8/23/2019	108	44	37.498228	-122.411298	204.3
MONITOR_ox_MTN_GRID_108_2019_Q3_Initial.csv	8/23/2019	108	75	37.498050	-122.411543	284.3
MONITOR_ox_mtn_GRID_110_2019_Q3_Initial.csv	8/20/2019	110	46	37.503592	-122.411843	240.4
MONITOR_ox_mtn_GRID_111_2019_Q3_Initial.csv	8/20/2019	111	127	37.501895	-122.411705	246.6
MONITOR_ox_mtn_GRID_111_2019_Q3_Initial.csv	8/20/2019	111	128	37.501935	-122.411703	222.5
MONITOR_ox_mtn_GRID_111_2019_Q3_Initial.csv	8/20/2019	111	185	37.501915	-122.411863	241.1
MONITOR_ox_mtn_GRID_116_2019_Q3_Initial.csv	8/20/2019	116	85	37.503145	-122.412195	238.2
MONITOR_ox_mtn_GRID_116_2019_Q3_Initial.csv	8/20/2019	116	86	37.503170	-122.412200	344.9
MONITOR_ox_mtn_GRID_122_2019_Q3_Initial.csv	8/20/2019	122	33	37.503343	-122.412455	251.1
MONITOR_ox_mtn_GRID_123_2019_Q3_Initial.csv	8/20/2019	123	155	37.501420	-122.412355	347.0
MONITOR_ox_MTN_GRID_126_2019_Q3_Initial.csv	8/23/2019	126	112	37.498405	-122.412513	248.9
MONITOR_ox_MTN_GRID_126_2019_Q3_Initial.csv	8/23/2019	126	115	37.498420	-122.412477	367.6
MONITOR_ox_MTN_GRID_126_2019_Q3_Initial.csv	8/23/2019	126	137	37.498582	-122.412410	356.3
MONITOR_ox_mtn_GRID_128_2019_Q3_Initial.csv	8/20/2019	128	53	37.502785	-122.413163	312.4
MONITOR_ox_mtn_GRID_128_2019_Q3_Initial.csv	8/20/2019	128	54	37.502802	-122.413137	369.2
MONITOR_ox_mtn_GRID_128_2019_Q3_Initial.csv	8/20/2019	128	55	37.502817	-122.413107	277.4
MONITOR_ox_mtn_GRID_130_2019_Q3_Initial.csv	8/21/2019	130	55	37.500265	-122.412618	466.7
MONITOR_ox_mtn_GRID_130_2019_Q3_Initial.csv	8/21/2019	130	59	37.500377	-122.412597	307.0
MONITOR_ox_mtn_GRID_130_2019_Q3_Initial.csv	8/21/2019	130	65	37.500607	-122.412595	242.3
MONITOR_ox_mtn_GRID_130_2019_Q3_Initial.csv	8/21/2019	130	164	37.500937	-122.412693	240.2
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	7	37.499965	-122.412632	245.9
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	9	37.499895	-122.412635	217.8
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	10	37.499877	-122.412637	493.5
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	21	37.499438	-122.412610	221.7
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	22	37.499395	-122.412618	266.2
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	44	37.498733	-122.412555	393.9
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	66	37.499320	-122.412713	367.2
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	67	37.499357	-122.412715	336.4
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	70	37.499453	-122.412708	204.6
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	112	37.499390	-122.412842	273.4
MONITOR_ox_MTN_GRID_134_2019_Q3_Initial.csv	8/21/2019	134	98	37.502742	-122.413102	405.0
MONITOR_ox_MTN_GRID_135_2019_Q3_Initial.csv	8/21/2019	135	43	37.500287	-122.412982	262.3
MONITOR_ox_MTN_GRID_135_2019_Q3_Initial.csv	8/21/2019	135	50	37.500098	-122.412948	204.8
MONITOR_ox_mtn_GRID_136_2019_Q3_Initial.csv	8/21/2019	136	24	37.499427	-122.412925	215.3
MONITOR_ox_mtn_GRID_136_2019_Q3_Initial.csv	8/21/2019	136	50	37.499850	-122.413020	206.0

SUMMARY OF INSTANTANEOUS METHANE CONCENTRATIONS BETWEEN 200-499 PPMV  
3Q2019 Ox Mountain Landfill

FILE NAME	DATE	GRID NO.	ID NO.	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_136_2019_Q3_Initial.csv	8/21/2019	136	121	37.499817	-122.413107	232.1
MONITOR_ox_mtn_GRID_137_2019_Q3_Initial.csv	8/21/2019	137	25	37.497823	-122.413135	265.6
MONITOR_ox_MTN_GRID_139_2019_Q3_Initial.csv	8/21/2019	139	4	37.502667	-122.413393	311.8
MONITOR_ox_MTN_GRID_139_2019_Q3_Initial.csv	8/21/2019	139	8	37.502555	-122.413363	285.1
MONITOR_ox_MTN_GRID_139_2019_Q3_Initial.csv	8/21/2019	139	90	37.502753	-122.413477	227.4
MONITOR_ox_MTN_GRID_139_2019_Q3_Initial.csv	8/21/2019	139	138	37.502047	-122.413553	231.7
MONITOR_ox_MTN_GRID_139_2019_Q3_Initial.csv	8/21/2019	139	139	37.502035	-122.413532	347.4
MONITOR_ox_MTN_GRID_140_2019_Q3_Initial.csv	8/21/2019	140	73	37.500808	-122.413415	253.8
MONITOR_ox_mtn_GRID_142_2019_Q3_Initial.csv	8/21/2019	142	95	37.498352	-122.413278	239.4
MONITOR_ox_MTN_GRID_144_2019_Q3_Initial.csv	8/21/2019	144	45	37.502632	-122.413837	207.3



SUMMARY OF INSTANTANEOUS METHANE CONCENTRATIONS  $\geq 500$  PPMV  
INCLUDING REMONITORING RESULTS  
3Q2019 Ox Mountain Landfill

FILE NAME	DATE	GRID NO.	ID NO.	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_18_2019_Q3_Initial.csv	8/19/2019	18	33	37.507952	-122.407003	2003.4
MONITOR_ox_MTN_GRID_18_2019_Q3_10Day_1.csv	8/29/2019	18	33	37.507952	-122.406975	58.8
MONITOR_ox_mtn_GRID_18_2019_Q3_Month.csv	9/11/2019	18	33	37.507958	-122.406982	345.2
MONITOR_ox_MTN_GRID_76_2019_Q3_Initial.csv	8/23/2019	76	68	37.497888	-122.409407	2208.0
MONITOR_ox_mtn_GRID_76_2019_Q3_10Day_1.csv	8/29/2019	76	68	37.497885	-122.409403	33.6
MONITOR_ox_mtn_GRID_76_2019_Q3_Month.csv	9/11/2019	76	68	37.497880	-122.409402	146.9
MONITOR_ox_mtn_GRID_79_2019_Q3_Initial.csv	8/20/2019	79	10	37.503983	-122.410065	1871.8
MONITOR_ox_mtn_GRID_79_2019_Q3_10Day_1.csv	8/29/2019	79	10	37.503967	-122.410115	0.0
MONITOR_ox_mtn_GRID_79_2019_Q3_Month.csv	9/11/2019	79	10	37.503968	-122.410067	54.4
MONITOR_ox_mtn_GRID_79_2019_Q3_Initial.csv	8/20/2019	79	67	37.503940	-122.410107	1823.1
MONITOR_ox_MTN_GRID_79_2019_Q3_10Day_1.csv	8/29/2019	79	67	37.503942	-122.410142	23.4
MONITOR_ox_mtn_GRID_79_2019_Q3_Month.csv	9/11/2019	79	67	37.503952	-122.410112	15.3
MONITOR_ox_mtn_GRID_86_2019_Q3_Initial.csv	8/20/2019	86	83	37.503048	-122.410355	713.1
MONITOR_ox_MTN_GRID_86_2019_Q3_10Day_1.csv	8/29/2019	86	83	37.503047	-122.410300	0.0
MONITOR_ox_mtn_GRID_86_2019_Q3_Month.csv	9/11/2019	86	83	37.503047	-122.410340	241.2
MONITOR_ox_mtn_GRID_86_2019_Q3_Initial.csv	8/20/2019	86	127	37.504152	-122.410515	789.2
MONITOR_ox_MTN_GRID_86_2019_Q3_10Day_1.csv	8/29/2019	86	127	37.504148	-122.410477	25.8
MONITOR_ox_mtn_GRID_86_2019_Q3_Month.csv	9/11/2019	86	127	37.504127	-122.410492	226.9
MONITOR_ox_mtn_GRID_93_2019_Q3_Initial.csv	8/20/2019	93	59	37.502710	-122.410843	899.3
MONITOR_ox_MTN_GRID_93_2019_Q3_10Day_1.csv	8/29/2019	93	59	37.502680	-122.410870	374.7
MONITOR_ox_mtn_GRID_93_2019_Q3_Month.csv	9/11/2019	93	59	37.502733	-122.410817	151.3
MONITOR_ox_MTN_GRID_96_2019_Q3_Initial.csv	8/23/2019	96	23	37.498295	-122.410732	625.7
MONITOR_ox_mtn_GRID_96_2019_Q3_10Day_1.csv	8/29/2019	96	23	37.498270	-122.410753	174.4
MONITOR_ox_mtn_GRID_96_2019_Q3_Month.csv	9/11/2019	96	23	37.498292	-122.410737	154.8
MONITOR_ox_MTN_GRID_96_2019_Q3_Initial.csv	8/23/2019	96	64	37.497945	-122.410762	1826.0
MONITOR_ox_mtn_GRID_96_2019_Q3_10Day_1.csv	8/29/2019	96	64	37.497945	-122.410755	0.0
MONITOR_ox_mtn_GRID_96_2019_Q3_Month.csv	9/11/2019	96	64	37.497938	-122.410777	75.1
MONITOR_ox_mtn_GRID_111_2019_Q3_Initial.csv	8/20/2019	111	94	37.502035	-122.411620	2110.9
MONITOR_ox_MTN_GRID_111_2019_Q3_10Day_1.csv	8/29/2019	111	94	37.502055	-122.411625	102.0
MONITOR_ox_mtn_GRID_111_2019_Q3_Month.csv	9/11/2019	111	94	37.502032	-122.411568	210.3
MONITOR_ox_MTN_GRID_126_2019_Q3_Initial.csv	8/23/2019	126	116	37.498392	-122.412495	595.0
MONITOR_ox_mtn_GRID_126_2019_Q3_10Day_1.csv	8/29/2019	126	116	37.498398	-122.412498	161.8
MONITOR_ox_mtn_GRID_126_2019_Q3_Month.csv	9/11/2019	126	116	37.498395	-122.412525	103.7
MONITOR_ox_mtn_GRID_130_2019_Q3_Initial.csv	8/21/2019	130	56	37.500232	-122.412620	908.2
MONITOR_ox_MTN_GRID_130_2019_Q3_10Day_1.csv	8/29/2019	130	56	37.500238	-122.412637	46.9
MONITOR_ox_mtn_GRID_130_2019_Q3_Month.csv	9/11/2019	130	56	37.500245	-122.412627	65.0
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	11	37.499917	-122.412663	1005.6
MONITOR_ox_MTN_GRID_131_2019_Q3_10Day_1.csv	8/29/2019	131	11	37.499925	-122.412670	58.4
MONITOR_ox_mtn_GRID_131_2019_Q3_Month.csv	9/11/2019	131	11	37.499927	-122.412657	96.7
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	19	37.499637	-122.412637	1450.1
MONITOR_ox_MTN_GRID_131_2019_Q3_10Day_1.csv	8/29/2019	131	19	37.499630	-122.412627	173.4
MONITOR_ox_mtn_GRID_131_2019_Q3_Month.csv	9/11/2019	131	19	37.499663	-122.412643	94.8
MONITOR_ox_MTN_GRID_139_2019_Q3_Initial.csv	8/21/2019	139	46	37.501430	-122.413360	1316.2
MONITOR_ox_MTN_GRID_139_2019_Q3_10Day_1.csv	8/29/2019	139	46	37.501410	-122.413365	3.0
MONITOR_ox_mtn_GRID_139_2019_Q3_Month.csv	9/11/2019	139	46	37.501445	-122.413337	2.1




# APPENDIX C

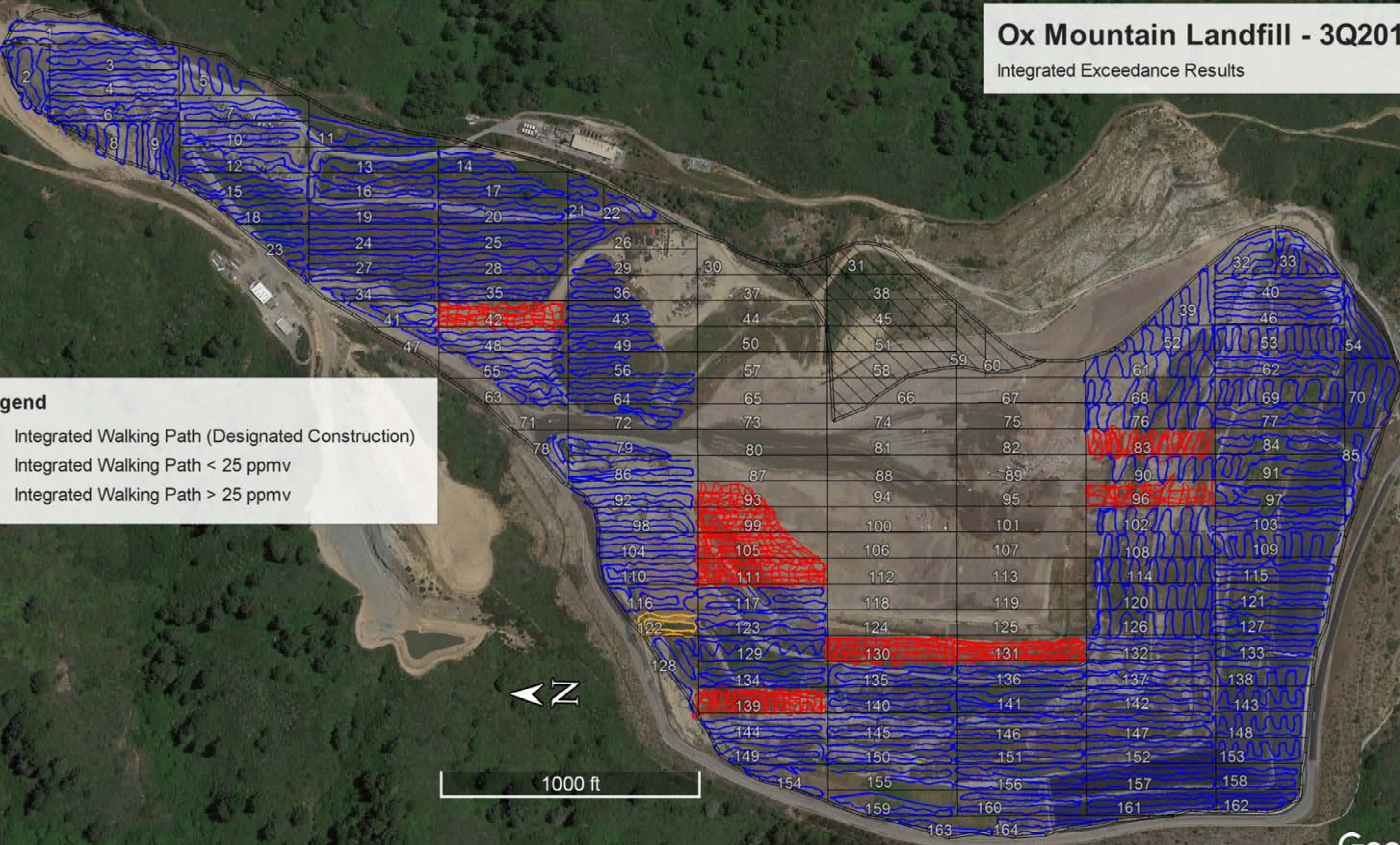
## Integrated Monitoring Results

# Ox Mountain Landfill - 3Q2019 SEM

Integrated Exceedance Results

## Legend

-  Integrated Walking Path (Designated Construction)
-  Integrated Walking Path < 25 ppmv
-  Integrated Walking Path > 25 ppmv



SUMMARY OF INTEGRATED METHANE CONCENTRATIONS  
INCLUDING REMONITORING RESULTS  
3Q2019 Ox Mountain Landfill

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_MTN_GRID_1_2019_Q3_Initial.csv	8/19/2019	1	3.9
MONITOR_ox_MTN_GRID_2_2019_Q3_Initial.csv	8/19/2019	2	1.5
MONITOR_ox_MTN_GRID_3_2019_Q3_Initial.csv	8/19/2019	3	3.7
MONITOR_ox_MTN_GRID_4_2019_Q3_Initial.csv	8/19/2019	4	2.5
MONITOR_ox_mtn_GRID_5_2019_Q3_Initial.csv	8/19/2019	5	0.1
MONITOR_ox_MTN_GRID_6_2019_Q3_Initial.csv	8/19/2019	6	3.6
MONITOR_ox_mtn_GRID_7_2019_Q3_Initial.csv	8/19/2019	7	0.1
MONITOR_ox_MTN_GRID_8_2019_Q3_Initial.csv	8/19/2019	8	8.8
MONITOR_ox_MTN_GRID_9_2019_Q3_Initial.csv	8/19/2019	9	5.6
MONITOR_ox_mtn_GRID_10_2019_Q3_Initial.csv	8/19/2019	10	2.5
MONITOR_ox_MTN_GRID_11_2019_Q3_Initial.csv	8/19/2019	11	1.2
MONITOR_ox_mtn_GRID_12_2019_Q3_Initial.csv	8/19/2019	12	0.5
MONITOR_ox_MTN_GRID_13_2019_Q3_Initial.csv	8/19/2019	13	0.0
MONITOR_ox_MTN_GRID_14_2019_Q3_Initial.csv	8/20/2019	14	0.9
MONITOR_ox_mtn_GRID_15_2019_Q3_Initial.csv	8/19/2019	15	9.3
MONITOR_ox_MTN_GRID_16_2019_Q3_Initial.csv	8/19/2019	16	0.1
MONITOR_ox_MTN_GRID_17_2019_Q3_Initial.csv	8/20/2019	17	1.2
MONITOR_ox_mtn_GRID_18_2019_Q3_Initial.csv	8/19/2019	18	12.7
MONITOR_ox_MTN_GRID_19_2019_Q3_Initial.csv	8/19/2019	19	2.1
MONITOR_ox_MTN_GRID_20_2019_Q3_Initial.csv	8/20/2019	20	0.2
MONITOR_ox_MTN_GRID_21_2019_Q3_Initial.csv	8/20/2019	21	0.6
MONITOR_ox_MTN_GRID_22_2019_Q3_Initial.csv	8/20/2019	22	3.8
MONITOR_ox_mtn_GRID_23_2019_Q3_Initial.csv	8/19/2019	23	23.8
MONITOR_ox_MTN_GRID_24_2019_Q3_Initial.csv	8/19/2019	24	1.2
MONITOR_ox_MTN_GRID_25_2019_Q3_Initial.csv	8/20/2019	25	1.7
MONITOR_ox_MTN_GRID_26_2019_Q3_Initial.csv	8/20/2019	26	8.0
MONITOR_ox_MTN_GRID_27_2019_Q3_Initial.csv	8/19/2019	27	4.5
MONITOR_ox_MTN_GRID_28_2019_Q3_Initial.csv	8/20/2019	28	5.3
MONITOR_ox_MTN_GRID_29_2019_Q3_Initial.csv	8/20/2019	29	0.4
MONITOR_ox_mtn_GRID_32_2019_Q3_Initial.csv	8/23/2019	32	11.1
MONITOR_ox_mtn_GRID_33_2019_Q3_Initial.csv	8/23/2019	33	8.8
MONITOR_ox_MTN_GRID_34_2019_Q3_Initial.csv	8/19/2019	34	4.4
MONITOR_ox_MTN_GRID_35_2019_Q3_Initial.csv	8/20/2019	35	11.3
MONITOR_ox_MTN_GRID_36_2019_Q3_Initial.csv	8/20/2019	36	0.1
MONITOR_ox_mtn_GRID_39_2019_Q3_Initial.csv	8/23/2019	39	6.1
MONITOR_ox_mtn_GRID_40_2019_Q3_Initial.csv	8/23/2019	40	8.5
MONITOR_ox_MTN_GRID_41_2019_Q3_Initial.csv	8/19/2019	41	6.3
MONITOR_ox_MTN_GRID_42_2019_Q3_Initial.csv	8/20/2019	42	30.1
MONITOR_ox_MTN_GRID_42_2019_Q3_10Day_1.csv	8/29/2019	42	27.8
MONITOR_ox_MTN_GRID_42_2019_Q3_10Day_2.csv	9/6/2019	42	35.1
MONITOR_ox_MTN_GRID_43_2019_Q3_Initial.csv	8/20/2019	43	0.4
MONITOR_ox_mtn_GRID_46_2019_Q3_Initial.csv	8/23/2019	46	4.6
MONITOR_ox_MTN_GRID_47_2019_Q3_Initial.csv	8/19/2019	47	18.4
MONITOR_ox_MTN_GRID_48_2019_Q3_Initial.csv	8/20/2019	48	3.0
MONITOR_ox_MTN_GRID_49_2019_Q3_Initial.csv	8/20/2019	49	0.4
MONITOR_ox_MTN_GRID_52_2019_Q3_Initial.csv	8/23/2019	52	18.8
MONITOR_ox_mtn_GRID_53_2019_Q3_Initial.csv	8/23/2019	53	7.6
MONITOR_ox_mtn_GRID_54_2019_Q3_Initial.csv	8/23/2019	54	1.4
MONITOR_ox_MTN_GRID_55_2019_Q3_Initial.csv	8/20/2019	55	0.3
MONITOR_ox_MTN_GRID_56_2019_Q3_Initial.csv	8/20/2019	56	0.2
MONITOR_ox_MTN_GRID_61_2019_Q3_Initial.csv	8/23/2019	61	22.7
MONITOR_ox_MTN_GRID_62_2019_Q3_Initial.csv	8/23/2019	62	0.7

SUMMARY OF INTEGRATED METHANE CONCENTRATIONS  
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FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_MTN_GRID_63_2019_Q3_Initial.csv	8/20/2019	63	1.6
MONITOR_ox_MTN_GRID_64_2019_Q3_Initial.csv	8/20/2019	64	2.9
MONITOR_ox_MTN_GRID_68_2019_Q3_Initial.csv	8/23/2019	68	36.1
MONITOR_ox_mtn_GRID_68_2019_Q3_10Day_1.csv	8/29/2019	68	58.1
MONITOR_ox_MTN_GRID_68_2019_Q3_10Day_2.csv	9/6/2019	68	13.6
MONITOR_ox_MTN_GRID_69_2019_Q3_Initial.csv	8/23/2019	69	0.5
MONITOR_ox_MTN_GRID_70_2019_Q3_Initial.csv	8/23/2019	70	0.2
MONITOR_ox_MTN_GRID_72_2019_Q3_Initial.csv	8/20/2019	72	7.3
MONITOR_ox_MTN_GRID_76_2019_Q3_Initial.csv	8/23/2019	76	47.2
MONITOR_ox_mtn_GRID_76_2019_Q3_10Day_1.csv	8/29/2019	76	47.8
MONITOR_ox_MTN_GRID_76_2019_Q3_10Day_2.csv	9/6/2019	76	21.8
MONITOR_ox_MTN_GRID_77_2019_Q3_Initial.csv	8/23/2019	77	0.3
MONITOR_ox_mtn_GRID_78_2019_Q3_Initial.csv	8/20/2019	78	49.3
MONITOR_ox_MTN_GRID_78_2019_Q3_10Day_1.csv	8/29/2019	78	68.6
MONITOR_ox_MTN_GRID_78_2019_Q3_10Day_2.csv	9/6/2019	78	8.0
MONITOR_ox_mtn_GRID_79_2019_Q3_Initial.csv	8/20/2019	79	20.9
MONITOR_ox_MTN_GRID_83_2019_Q3_Initial.csv	8/23/2019	83	48.4
MONITOR_ox_mtn_GRID_83_2019_Q3_10Day_1.csv	8/29/2019	83	81.8
MONITOR_ox_MTN_GRID_83_2019_Q3_10Day_2.csv	9/6/2019	83	220.2
MONITOR_ox_MTN_GRID_84_2019_Q3_Initial.csv	8/23/2019	84	0.3
MONITOR_ox_MTN_GRID_85_2019_Q3_Initial.csv	8/23/2019	85	0.3
MONITOR_ox_mtn_GRID_86_2019_Q3_Initial.csv	8/20/2019	86	31.5
MONITOR_ox_MTN_GRID_86_2019_Q3_10Day_1.csv	8/29/2019	86	24.5
MONITOR_ox_MTN_GRID_90_2019_Q3_Initial.csv	8/23/2019	90	30.7
MONITOR_ox_mtn_GRID_90_2019_Q3_10Day_1.csv	8/29/2019	90	22.6
MONITOR_ox_MTN_GRID_91_2019_Q3_Initial.csv	8/23/2019	91	0.3
MONITOR_ox_mtn_GRID_92_2019_Q3_Initial.csv	8/20/2019	92	26.2
MONITOR_ox_MTN_GRID_92_2019_Q3_10Day_1.csv	8/29/2019	92	23.7
MONITOR_ox_mtn_GRID_93_2019_Q3_Initial.csv	8/20/2019	93	63.4
MONITOR_ox_MTN_GRID_93_2019_Q3_10Day_1.csv	8/29/2019	93	156.4
MONITOR_ox_MTN_GRID_93_2019_Q3_10Day_2.csv	9/6/2019	93	171.6
MONITOR_ox_MTN_GRID_96_2019_Q3_Initial.csv	8/23/2019	96	34.4
MONITOR_ox_mtn_GRID_96_2019_Q3_10Day_1.csv	8/29/2019	96	50.7
MONITOR_ox_MTN_GRID_96_2019_Q3_10Day_2.csv	9/6/2019	96	49.2
MONITOR_ox_MTN_GRID_97_2019_Q3_Initial.csv	8/23/2019	97	0.3
MONITOR_ox_mtn_GRID_98_2019_Q3_Initial.csv	8/20/2019	98	30.6
MONITOR_ox_MTN_GRID_98_2019_Q3_10Day_1.csv	8/29/2019	98	34.6
MONITOR_ox_MTN_GRID_98_2019_Q3_10Day_2.csv	9/6/2019	98	19.1
MONITOR_ox_mtn_GRID_99_2019_Q3_Initial.csv	8/20/2019	99	45.1
MONITOR_ox_MTN_GRID_99_2019_Q3_10Day_1.csv	8/29/2019	99	102.0
MONITOR_ox_MTN_GRID_99_2019_Q3_10Day_2.csv	9/6/2019	99	201.9
MONITOR_ox_MTN_GRID_102_2019_Q3_Initial.csv	8/23/2019	102	26.4
MONITOR_ox_mtn_GRID_102_2019_Q3_10Day_1.csv	8/29/2019	102	18.6
MONITOR_ox_MTN_GRID_103_2019_Q3_Initial.csv	8/23/2019	103	2.9
MONITOR_ox_mtn_GRID_104_2019_Q3_Initial.csv	8/20/2019	104	14.2
MONITOR_ox_mtn_GRID_105_2019_Q3_Initial.csv	8/20/2019	105	50.6
MONITOR_ox_MTN_GRID_105_2019_Q3_10Day_1.csv	8/29/2019	105	81.2
MONITOR_ox_MTN_GRID_105_2019_Q3_10Day_2.csv	9/6/2019	105	154.4
MONITOR_ox_MTN_GRID_108_2019_Q3_Initial.csv	8/23/2019	108	19.5
MONITOR_ox_MTN_GRID_109_2019_Q3_Initial.csv	8/23/2019	109	1.8
MONITOR_ox_mtn_GRID_110_2019_Q3_Initial.csv	8/20/2019	110	16.4

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FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_111_2019_Q3_Initial.csv	8/20/2019	111	28.4
MONITOR_ox_MTN_GRID_111_2019_Q3_10Day_1.csv	8/29/2019	111	64.3
MONITOR_ox_MTN_GRID_111_2019_Q3_10Day_2.csv	9/6/2019	111	80.3
MONITOR_ox_MTN_GRID_114_2019_Q3_Initial.csv	8/23/2019	114	13.3
MONITOR_ox_MTN_GRID_115_2019_Q3_Initial.csv	8/23/2019	115	0.7
MONITOR_ox_mtn_GRID_116_2019_Q3_Initial.csv	8/20/2019	116	15.6
MONITOR_ox_mtn_GRID_117_2019_Q3_Initial.csv	8/20/2019	117	24.2
MONITOR_ox_MTN_GRID_120_2019_Q3_Initial.csv	8/23/2019	120	7.4
MONITOR_ox_MTN_GRID_121_2019_Q3_Initial.csv	8/23/2019	121	0.2
MONITOR_ox_mtn_GRID_122_2019_Q3_Initial.csv	8/20/2019	122	45.4
MONITOR_ox_MTN_GRID_122_2019_Q3_10Day_1.csv	8/29/2019	122	Construction
MONITOR_ox_MTN_GRID_122_2019_Q3_10Day_2.csv	9/6/2019	122	Construciton
MONITOR_ox_mtn_GRID_123_2019_Q3_Initial.csv	8/20/2019	123	15.3
MONITOR_ox_MTN_GRID_126_2019_Q3_Initial.csv	8/23/2019	126	17.7
MONITOR_ox_MTN_GRID_127_2019_Q3_Initial.csv	8/23/2019	127	0.2
MONITOR_ox_mtn_GRID_128_2019_Q3_Initial.csv	8/20/2019	128	23.1
MONITOR_ox_mtn_GRID_129_2019_Q3_Initial.csv	8/21/2019	129	9.0
MONITOR_ox_mtn_GRID_130_2019_Q3_Initial.csv	8/21/2019	130	35.1
MONITOR_ox_MTN_GRID_130_2019_Q3_10Day_1.csv	8/29/2019	130	44.9
MONITOR_ox_MTN_GRID_130_2019_Q3_10Day_2.csv	9/6/2019	130	47.2
MONITOR_ox_mtn_GRID_131_2019_Q3_Initial.csv	8/21/2019	131	63.2
MONITOR_ox_MTN_GRID_131_2019_Q3_10Day_1.csv	8/29/2019	131	39.8
MONITOR_ox_MTN_GRID_131_2019_Q3_10Day_2.csv	9/6/2019	131	48.6
MONITOR_ox_mtn_GRID_132_2019_Q3_Initial.csv	8/21/2019	132	8.4
MONITOR_ox_mtn_GRID_133_2019_Q3_Initial.csv	8/21/2019	133	0.1
MONITOR_ox_MTN_GRID_134_2019_Q3_Initial.csv	8/21/2019	134	16.6
MONITOR_ox_MTN_GRID_135_2019_Q3_Initial.csv	8/21/2019	135	12.5
MONITOR_ox_mtn_GRID_136_2019_Q3_Initial.csv	8/21/2019	136	18.2
MONITOR_ox_mtn_GRID_137_2019_Q3_Initial.csv	8/21/2019	137	6.9
MONITOR_ox_mtn_GRID_138_2019_Q3_Initial.csv	8/21/2019	138	8.5
MONITOR_ox_MTN_GRID_139_2019_Q3_Initial.csv	8/21/2019	139	28.4
MONITOR_ox_MTN_GRID_139_2019_Q3_10Day_1.csv	8/29/2019	139	38.3
MONITOR_ox_MTN_GRID_139_2019_Q3_10Day_2.csv	9/6/2019	139	64.6
MONITOR_ox_MTN_GRID_140_2019_Q3_Initial.csv	8/21/2019	140	13.1
MONITOR_ox_mtn_GRID_141_2019_Q3_Initial.csv	8/21/2019	141	5.0
MONITOR_ox_mtn_GRID_142_2019_Q3_Initial.csv	8/21/2019	142	5.4
MONITOR_ox_MTN_GRID_143_2019_Q3_Initial.csv	8/21/2019	143	0.1
MONITOR_ox_MTN_GRID_144_2019_Q3_Initial.csv	8/21/2019	144	16.9
MONITOR_ox_MTN_GRID_145_2019_Q3_Initial.csv	8/21/2019	145	3.8
MONITOR_ox_mtn_GRID_146_2019_Q3_Initial.csv	8/21/2019	146	1.4
MONITOR_ox_mtn_GRID_147_2019_Q3_Initial.csv	8/21/2019	147	0.5
MONITOR_ox_MTN_GRID_148_2019_Q3_Initial.csv	8/21/2019	148	0.1
MONITOR_ox_MTN_GRID_149_2019_Q3_Initial.csv	8/21/2019	149	1.9
MONITOR_ox_MTN_GRID_150_2019_Q3_Initial.csv	8/21/2019	150	5.6
MONITOR_ox_mtn_GRID_151_2019_Q3_Initial.csv	8/21/2019	151	0.1
MONITOR_ox_mtn_GRID_152_2019_Q3_Initial.csv	8/21/2019	152	1.1
MONITOR_ox_MTN_GRID_153_2019_Q3_Initial.csv	8/21/2019	153	0.0
MONITOR_ox_MTN_GRID_154_2019_Q3_Initial.csv	8/21/2019	154	0.1
MONITOR_ox_MTN_GRID_155_2019_Q3_Initial.csv	8/21/2019	155	0.6
MONITOR_ox_mtn_GRID_156_2019_Q3_Initial.csv	8/21/2019	156	0.4
MONITOR_ox_mtn_GRID_157_2019_Q3_Initial.csv	8/21/2019	157	0.1
MONITOR_ox_MTN_GRID_158_2019_Q3_Initial.csv	8/21/2019	158	0.1

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FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_MTN_GRID_159_2019_Q3_Initial.csv	8/21/2019	159	0.2
MONITOR_ox_MTN_GRID_160_2019_Q3_Initial.csv	8/21/2019	160	0.1
MONITOR_ox_MTN_GRID_161_2019_Q3_Initial.csv	8/21/2019	161	0.1
MONITOR_ox_MTN_GRID_162_2019_Q3_Initial.csv	8/21/2019	162	0.0
MONITOR_ox_MTN_GRID_163_2019_Q3_Initial.csv	8/21/2019	163	5.5
MONITOR_ox_MTN_GRID_164_2019_Q3_Initial.csv	8/21/2019	164	5.3

# APPENDIX D

## Calibration Logs



<u>MONITORING TYPE</u>	<u>OPERATOR NAME</u>	<u>INSTRUMENT ID</u>	<u>FILE SAVE TIME</u>	<u>AVG PRECISION (%)</u>	<u>AVG RESPONSE TIME (SECONDS)</u>				
CALIBRATION SUMMARY	Joel	000780DABAC4	8/19/2019 8:27	0.3	5				
<u>MONITORING TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>DETECTOR CONCENTRATION (ppmv)</u>	<u>DIFFERENCE (ppmv)</u>	<u>DIFFERENCE (%)</u>	<u>ZERO AIR PPM</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>
PRECISION MEASUREMENT		CH4 (Methane)	500	500	0	0	0	8/19/2019 8:24	000780DABAC4
PRECISION MEASUREMENT		CH4 (Methane)	500	501.4	1.4	0.3	0	8/19/2019 8:24	000780DABAC4
PRECISION MEASUREMENT		CH4 (Methane)	500	502.6	2.6	0.5	0	8/19/2019 8:25	000780DABAC4
<u>MONITORING TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>TARGET CONCENTRATION (ppmv)</u>	<u>INITIAL CONCENTRATION (ppmv)</u>	<u>RESPONSE TIME (seconds)</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	476.3	0	6	8/19/2019 8:26	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	476.3	0	4	8/19/2019 8:26	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	476.3	0	5	8/19/2019 8:27	000780DABAC4	
<u>MONITOR TYPE</u>	<u>OPERATOR NAME</u>	<u>INSTRUMENT ID</u>	<u>FILE SAVE TIME</u>	<u>AVG PRECISION (%)</u>	<u>AVG RESPONSE TIME (SECONDS)</u>				
CALIBRATION SUMMARY	Jim	0001950DBB38	8/19/2019 8:29	-1.3	6.3				
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>MEASURED CONCENTRATION (ppmv)</u>	<u>DIFFERENCE (ppmv)</u>	<u>DIFFERENCE (%)</u>	<u>ZERO AIR PPM</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>
PRECISION MEASUREMENT		CH4 (Methane)	500	492.8	-7.2	-1.4	0	8/19/2019 8:26	0001950DBB38
PRECISION MEASUREMENT		CH4 (Methane)	500	494.2	-5.8	-1.2	0.4	8/19/2019 8:27	0001950DBB38
PRECISION MEASUREMENT		CH4 (Methane)	500	493.8	-6.2	-1.2	0.5	8/19/2019 8:27	0001950DBB38
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>TARGET CONCENTRATION (ppmv)</u>	<u>INITIAL CONCENTRATION (ppmv)</u>	<u>RESPONSE TIME (seconds)</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.9	2.4	6	8/19/2019 8:28	0001950DBB38	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.9	2.1	7	8/19/2019 8:29	0001950DBB38	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.9	2.1	6	8/19/2019 8:29	0001950DBB38	
<u>MONITOR TYPE</u>	<u>OPERATOR NAME</u>	<u>INSTRUMENT ID</u>	<u>FILE SAVE TIME</u>	<u>AVG PRECISION (%)</u>	<u>AVG RESPONSE TIME (SECONDS)</u>				
CALIBRATION SUMMARY	Leon	88680F30CBDE	8/19/2019 8:39	0.2	4.7				
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>MEASURED CONCENTRATION (ppmv)</u>	<u>DIFFERENCE (ppmv)</u>	<u>DIFFERENCE (%)</u>	<u>ZERO AIR PPM</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>
PRECISION MEASUREMENT		CH4 (Methane)	500	500	0	0	0	8/19/2019 8:35	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	501.7	1.7	0.3	0	8/19/2019 8:36	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	500.8	0.8	0.2	0	8/19/2019 8:37	88680F30CBDE
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>TARGET CONCENTRATION (ppmv)</u>	<u>INITIAL CONCENTRATION (ppmv)</u>	<u>RESPONSE TIME (seconds)</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	0	5	8/19/2019 8:38	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	0	4	8/19/2019 8:39	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	2.1	5	8/19/2019 8:39	88680F30CBDE	
<u>MONITOR TYPE</u>	<u>OPERATOR NAME</u>	<u>INSTRUMENT ID</u>	<u>FILE SAVE TIME</u>	<u>AVG PRECISION (%)</u>	<u>AVG RESPONSE TIME (SECONDS)</u>				
CALIBRATION SUMMARY	Leon	88680F30CBDE	8/20/2019 8:02	-1.2	4.3				
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>MEASURED CONCENTRATION (ppmv)</u>	<u>DIFFERENCE (ppmv)</u>	<u>DIFFERENCE (%)</u>	<u>ZERO AIR PPM</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>
PRECISION MEASUREMENT		CH4 (Methane)	500	494.6	-5.4	-1.1	0	8/20/2019 7:57	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	493.9	-6.1	-1.2	0	8/20/2019 7:58	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	492.8	-7.2	-1.4	0	8/20/2019 7:59	88680F30CBDE
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>TARGET CONCENTRATION (ppmv)</u>	<u>INITIAL CONCENTRATION (ppmv)</u>	<u>RESPONSE TIME (seconds)</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469.1	0	4	8/20/2019 8:00	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469.1	0	4	8/20/2019 8:01	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469.1	0	5	8/20/2019 8:01	88680F30CBDE	
<u>MONITORING TYPE</u>	<u>OPERATOR NAME</u>	<u>INSTRUMENT ID</u>	<u>FILE SAVE TIME</u>	<u>AVG PRECISION (%)</u>	<u>AVG RESPONSE TIME (SECONDS)</u>				
CALIBRATION SUMMARY	Joel	000780DABAC4	8/20/2019 8:03	-0.1	5.7				
<u>MONITORING TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>DETECTOR CONCENTRATION (ppmv)</u>	<u>DIFFERENCE (ppmv)</u>	<u>DIFFERENCE (%)</u>	<u>ZERO AIR PPM</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>
PRECISION MEASUREMENT		CH4 (Methane)	500	498	-2	-0.4	0	8/20/2019 8:00	000780DABAC4
PRECISION MEASUREMENT		CH4 (Methane)	500	499.8	-0.2	0	0	8/20/2019 8:01	000780DABAC4
PRECISION MEASUREMENT		CH4 (Methane)	500	501.1	1.1	0.2	0	8/20/2019 8:01	000780DABAC4
<u>MONITORING TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>TARGET CONCENTRATION (ppmv)</u>	<u>INITIAL CONCENTRATION (ppmv)</u>	<u>RESPONSE TIME (seconds)</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474.6	0	5	8/20/2019 8:02	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474.6	0	5	8/20/2019 8:02	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474.6	0	7	8/20/2019 8:03	000780DABAC4	

<u>MONITOR TYPE</u>	<u>OPERATOR NAME</u>	<u>INSTRUMENT ID</u>	<u>FILE SAVE TIME</u>	<u>AVG PRECISION (%)</u>	<u>AVG RESPONSE TIME (SECONDS)</u>				
CALIBRATION SUMMARY	Leon	88680F30CBDE	8/21/2019 7:41	-1.1	4.3				
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>MEASURED CONCENTRATION (ppmv)</u>	<u>DIFFERENCE (ppmv)</u>	<u>DIFFERENCE (%)</u>	<u>ZERO AIR PPM</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>
PRECISION MEASUREMENT		CH4 (Methane)	500	495.6	-4.4	-0.9	0	8/21/2019 7:35	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	495.1	-4.9	-1	0	8/21/2019 7:37	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	493.5	-6.5	-1.3	0	8/21/2019 7:38	88680F30CBDE
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>TARGET CONCENTRATION (ppmv)</u>	<u>INITIAL CONCENTRATION (ppmv)</u>	<u>RESPONSE TIME (seconds)</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	0	5	8/21/2019 7:39	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	0	4	8/21/2019 7:40	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	0	4	8/21/2019 7:41	88680F30CBDE	
<u>MONITORING TYPE</u>	<u>OPERATOR NAME</u>	<u>INSTRUMENT ID</u>	<u>FILE SAVE TIME</u>	<u>AVG PRECISION (%)</u>	<u>AVG RESPONSE TIME (SECONDS)</u>				
CALIBRATION SUMMARY	Joel	000780DABAC4	8/21/2019 7:44	-0.2	5				
<u>MONITORING TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>DETECTOR CONCENTRATION (ppmv)</u>	<u>DIFFERENCE (ppmv)</u>	<u>DIFFERENCE (%)</u>	<u>ZERO AIR PPM</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>
PRECISION MEASUREMENT		CH4 (Methane)	500	499.2	-0.8	-0.2	0	8/21/2019 7:41	000780DABAC4
PRECISION MEASUREMENT		CH4 (Methane)	500	498.9	-1.1	-0.2	0	8/21/2019 7:42	000780DABAC4
PRECISION MEASUREMENT		CH4 (Methane)	500	499	-1	-0.2	0	8/21/2019 7:42	000780DABAC4
<u>MONITORING TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>TARGET CONCENTRATION (ppmv)</u>	<u>INITIAL CONCENTRATION (ppmv)</u>	<u>RESPONSE TIME (seconds)</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474.1	0	5	8/21/2019 7:43	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474.1	0	5	8/21/2019 7:43	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	474.1	0	5	8/21/2019 7:44	000780DABAC4	
<u>MONITOR TYPE</u>	<u>OPERATOR NAME</u>	<u>INSTRUMENT ID</u>	<u>FILE SAVE TIME</u>	<u>AVG PRECISION (%)</u>	<u>AVG RESPONSE TIME (SECONDS)</u>				
CALIBRATION SUMMARY	Jim	0001950DBB38	8/23/2019 8:14	-1.2	6.3				
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>MEASURED CONCENTRATION (ppmv)</u>	<u>DIFFERENCE (ppmv)</u>	<u>DIFFERENCE (%)</u>	<u>ZERO AIR PPM</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>
PRECISION MEASUREMENT		CH4 (Methane)	500	486.6	-13.4	-2.7	0.2	8/23/2019 8:12	0001950DBB38
PRECISION MEASUREMENT		CH4 (Methane)	500	494.9	-5.1	-1	0.8	8/23/2019 8:12	0001950DBB38
PRECISION MEASUREMENT		CH4 (Methane)	500	500.5	0.5	0.1	0.6	8/23/2019 8:12	0001950DBB38
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>TARGET CONCENTRATION (ppmv)</u>	<u>INITIAL CONCENTRATION (ppmv)</u>	<u>RESPONSE TIME (seconds)</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469.3	2.3	6	8/23/2019 8:13	0001950DBB38	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469.3	2	7	8/23/2019 8:13	0001950DBB38	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	469.3	2.4	6	8/23/2019 8:14	0001950DBB38	
<u>MONITOR TYPE</u>	<u>OPERATOR NAME</u>	<u>INSTRUMENT ID</u>	<u>FILE SAVE TIME</u>	<u>AVG PRECISION (%)</u>	<u>AVG RESPONSE TIME (SECONDS)</u>				
CALIBRATION SUMMARY	Leon	88680F30CBDE	8/23/2019 8:20	-0.9	5				
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>MEASURED CONCENTRATION (ppmv)</u>	<u>DIFFERENCE (ppmv)</u>	<u>DIFFERENCE (%)</u>	<u>ZERO AIR PPM</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>
PRECISION MEASUREMENT		CH4 (Methane)	500	494.3	-5.7	-1.1	0	8/23/2019 8:18	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	495.8	-4.2	-0.8	0	8/23/2019 8:18	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	496.4	-3.6	-0.7	0	8/23/2019 8:19	88680F30CBDE
<u>MONITOR TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>TARGET CONCENTRATION (ppmv)</u>	<u>INITIAL CONCENTRATION (ppmv)</u>	<u>RESPONSE TIME (seconds)</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.7	1.7	4	8/23/2019 8:19	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.7	0	6	8/23/2019 8:19	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.7	0	5	8/23/2019 8:20	88680F30CBDE	
<u>MONITORING TYPE</u>	<u>OPERATOR NAME</u>	<u>INSTRUMENT ID</u>	<u>FILE SAVE TIME</u>	<u>AVG PRECISION (%)</u>	<u>AVG RESPONSE TIME (SECONDS)</u>				
CALIBRATION SUMMARY	Joel	000780DABAC4	8/23/2019 10:05	-0.5	5.3				
<u>MONITORING TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>DETECTOR CONCENTRATION (ppmv)</u>	<u>DIFFERENCE (ppmv)</u>	<u>DIFFERENCE (%)</u>	<u>ZERO AIR PPM</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>
PRECISION MEASUREMENT		CH4 (Methane)	500	498.2	-1.8	-0.4	0	8/23/2019 10:02	000780DABAC4
PRECISION MEASUREMENT		CH4 (Methane)	500	497.7	-2.3	-0.5	0	8/23/2019 10:03	000780DABAC4
PRECISION MEASUREMENT		CH4 (Methane)	500	497	-3	-0.6	0	8/23/2019 10:04	000780DABAC4
<u>MONITORING TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>TARGET CONCENTRATION (ppmv)</u>	<u>INITIAL CONCENTRATION (ppmv)</u>	<u>RESPONSE TIME (seconds)</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.8	0	5	8/23/2019 10:04	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.8	0	5	8/23/2019 10:05	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.8	0	6	8/23/2019 10:05	000780DABAC4	

<b>MONITOR TYPE</b>	<b>OPERATOR NAME</b>	<b>INSTRUMENT ID</b>	<b>FILE SAVE TIME</b>	<b>AVG PRECISION (%)</b>	<b>AVG RESPONSE TIME (SECONDS)</b>				
CALIBRATION SUMMARY	Leon	88680F30CBDE	8/29/2019 8:37	-1.9	5				
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>MEASURED CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>
PRECISION MEASUREMENT		CH4 (Methane)	500	493.4	-6.6	-1.3	0	8/29/2019 8:28	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	490	-10	-2	0	8/29/2019 8:31	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	487.4	-12.6	-2.5	0	8/29/2019 8:35	88680F30CBDE
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	465.7	0	4	8/29/2019 8:36	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	465.7	0	6	8/29/2019 8:36	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	465.7	0	5	8/29/2019 8:37	88680F30CBDE	
<b>MONITORING TYPE</b>	<b>OPERATOR NAME</b>	<b>INSTRUMENT ID</b>	<b>FILE SAVE TIME</b>	<b>AVG PRECISION (%)</b>	<b>AVG RESPONSE TIME (SECONDS)</b>				
CALIBRATION SUMMARY	Joel	000780DABAC4	8/29/2019 8:40	-2.2	6.3				
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>
PRECISION MEASUREMENT		CH4 (Methane)	500	488.1	-11.9	-2.4	0	8/29/2019 8:37	000780DABAC4
PRECISION MEASUREMENT		CH4 (Methane)	500	489.6	-10.4	-2.1	0	8/29/2019 8:37	000780DABAC4
PRECISION MEASUREMENT		CH4 (Methane)	500	489.9	-10.1	-2	0	8/29/2019 8:38	000780DABAC4
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	464.8	0	6	8/29/2019 8:38	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	464.8	0	7	8/29/2019 8:38	000780DABAC4	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	464.8	0	6	8/29/2019 8:39	000780DABAC4	
<b>MONITOR TYPE</b>	<b>OPERATOR NAME</b>	<b>INSTRUMENT ID</b>	<b>FILE SAVE TIME</b>	<b>AVG PRECISION (%)</b>	<b>AVG RESPONSE TIME (SECONDS)</b>				
CALIBRATION SUMMARY	Jim	1.95113E+44	8/29/2019 8:58	-2.5	6				
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>MEASURED CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>
PRECISION MEASUREMENT		CH4 (Methane)	500	486.8	-13.2	-2.6	0.8	8/29/2019 8:55	1.95113E+44
PRECISION MEASUREMENT		CH4 (Methane)	500	486.9	-13.1	-2.6	1.3	8/29/2019 8:56	1.95113E+44
PRECISION MEASUREMENT		CH4 (Methane)	500	488.7	-11.3	-2.3	1.3	8/29/2019 8:56	1.95113E+44
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	463.1	33.7	6	8/29/2019 8:57	1.95113E+44	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	463.1	10.4	6	8/29/2019 8:57	1.95113E+44	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	463.1	10.7	6	8/29/2019 8:58	1.95113E+44	
<b>MONITOR TYPE</b>	<b>OPERATOR NAME</b>	<b>INSTRUMENT ID</b>	<b>FILE SAVE TIME</b>	<b>AVG PRECISION (%)</b>	<b>AVG RESPONSE TIME (SECONDS)</b>				
CALIBRATION SUMMARY	Jim	1.95113E+44	9/6/2019 8:08	0.3	8.3				
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>MEASURED CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>
PRECISION MEASUREMENT		CH4 (Methane)	500	498.8	-1.2	-0.2	0.9	9/6/2019 8:03	1.95113E+44
PRECISION MEASUREMENT		CH4 (Methane)	500	499.5	-0.5	-0.1	0.8	9/6/2019 8:04	1.95113E+44
PRECISION MEASUREMENT		CH4 (Methane)	500	505.8	5.8	1.2	0.7	9/6/2019 8:05	1.95113E+44
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	476.3	1.7	8	9/6/2019 8:06	1.95113E+44	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	476.3	2	9	9/6/2019 8:07	1.95113E+44	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	476.3	2.5	8	9/6/2019 8:07	1.95113E+44	
<b>MONITOR TYPE</b>	<b>OPERATOR NAME</b>	<b>INSTRUMENT ID</b>	<b>FILE SAVE TIME</b>	<b>AVG PRECISION (%)</b>	<b>AVG RESPONSE TIME (SECONDS)</b>				
CALIBRATION SUMMARY	Leon	88680F30CBDE	9/6/2019 8:08	-0.5	5.3				
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>MEASURED CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>
PRECISION MEASUREMENT		CH4 (Methane)	500	497.3	-2.7	-0.5	0	9/6/2019 8:06	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	497.3	-2.7	-0.5	0	9/6/2019 8:06	88680F30CBDE
PRECISION MEASUREMENT		CH4 (Methane)	500	497.5	-2.5	-0.5	0	9/6/2019 8:07	88680F30CBDE
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.5	0	5	9/6/2019 8:07	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.5	0	6	9/6/2019 8:08	88680F30CBDE	
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.5	0	5	9/6/2019 8:08	88680F30CBDE	

<u>MONITORING TYPE</u>	<u>OPERATOR NAME</u>	<u>INSTRUMENT ID</u>	<u>FILE SAVE TIME</u>	<u>AVG PRECISION (%)</u>	<u>AVG RESPONSE TIME (SECONDS)</u>					
CALIBRATION SUMMARY	Joel	000780DABAC4	9/11/2019 8:52	-0.4	6					
<u>MONITORING TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>DETECTOR CONCENTRATION (ppmv)</u>	<u>DIFFERENCE (ppmv)</u>	<u>DIFFERENCE (%)</u>	<u>ZERO AIR PPM</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>	
PRECISION MEASUREMENT		CH4 (Methane)	500	497.6	-2.4	-0.5	0	9/11/2019 8:49	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	498.1	-1.9	-0.4	0	9/11/2019 8:50	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	498.4	-1.6	-0.3	0	9/11/2019 8:50	000780DABAC4	
<u>MONITORING TYPE</u>	<u>CAL GAS SERIAL NUMBER</u>	<u>CAL GAS TYPE</u>	<u>CAL GAS CONCENTRATION (ppmv)</u>	<u>TARGET CONCENTRATION (ppmv)</u>	<u>INITIAL CONCENTRATION (ppmv)</u>	<u>RESPONSE TIME (seconds)</u>	<u>TIMESTAMP</u>	<u>INSTRUMENT ID</u>		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.1	2.6	6	9/11/2019 8:51	000780DABAC4		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.1	0	6	9/11/2019 8:51	000780DABAC4		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.1	2.5	6	9/11/2019 8:52	000780DABAC4		

# APPENDIX E

## Weather Data

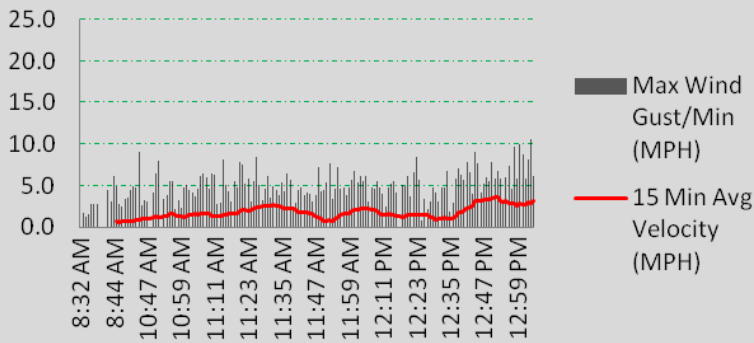
Date/Time	Temperature (°F)	Average Wind Speed (mph)	Wind Direction	Sky Condition	Precipitation
8/19/19 8:38	59	0	SW	Obscured	None
8/19/19 8:39	59	1	SW	Obscured	None
8/19/19 10:58	58	2	SW	Obscured	None
8/20/19 8:21	61	1	SW	Mostly Cloudy	None
8/20/19 8:23	59	2	W	Overcast	None
8/21/19 8:14	58	1	SW	Obscured	None
8/23/19 8:36	56	3	S	Overcast	None
8/23/19 8:39	56	3	S	Overcast	None
8/23/19 10:16	60	5	S	Obscured	None
8/29/19 8:44	60	2	SW	Mostly Cloudy	None
8/29/19 8:50	60	2	SW	Mostly Cloudy	None
9/6/19 8:16	56	3	W	Obscured	None
9/6/19 8:17	56	3	W	Obscured	None
9/11/19 8:55	55	2	E	Clear	None

# APPENDIX F

## Wind Speed Data

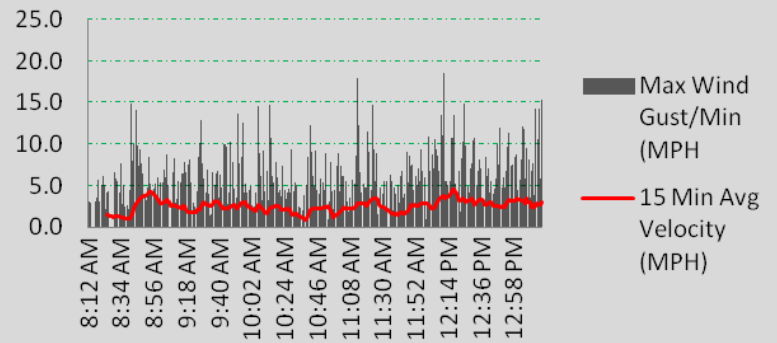
### Wind Log - Ox Mountain Landfill

August 19, 2019



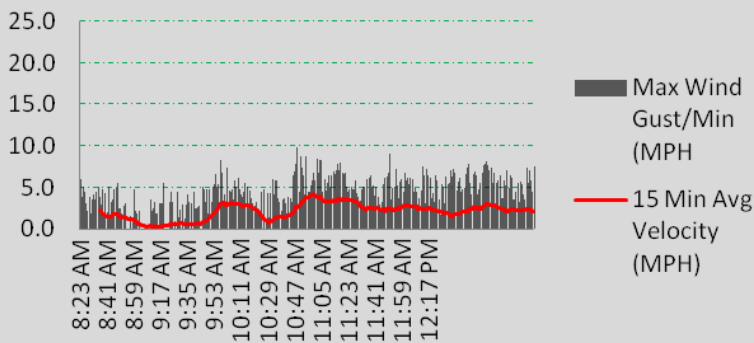
### Wind Log - Ox Mountain Landfill

August 20, 2019



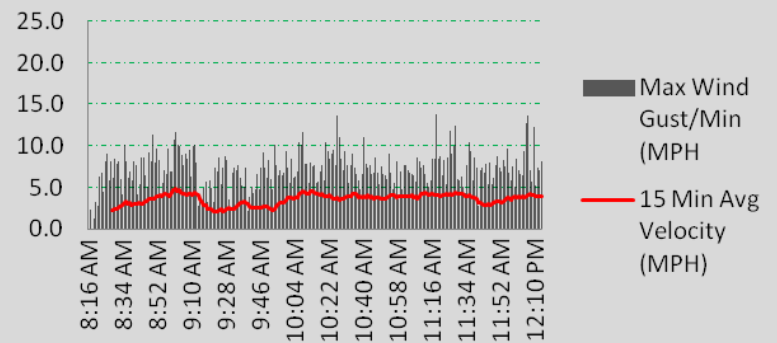
### Wind Log - Ox Mountain Landfill

August 21, 2019



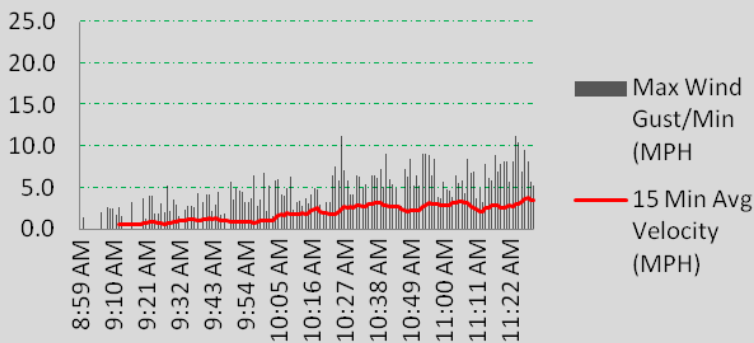
### Wind Log - Ox Mountain Landfill

August 23, 2019



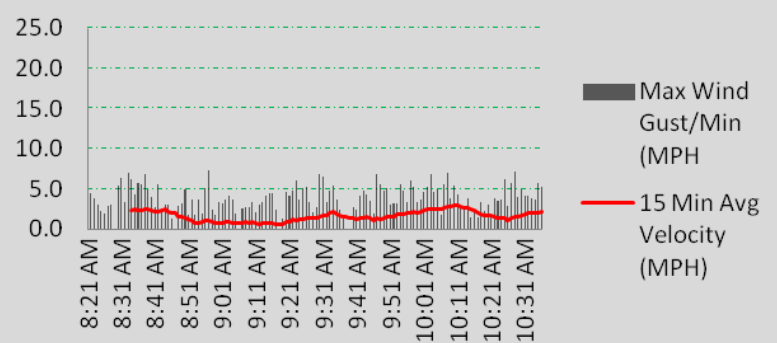
### Wind Log - Ox Mountain Landfill

August 29, 2019



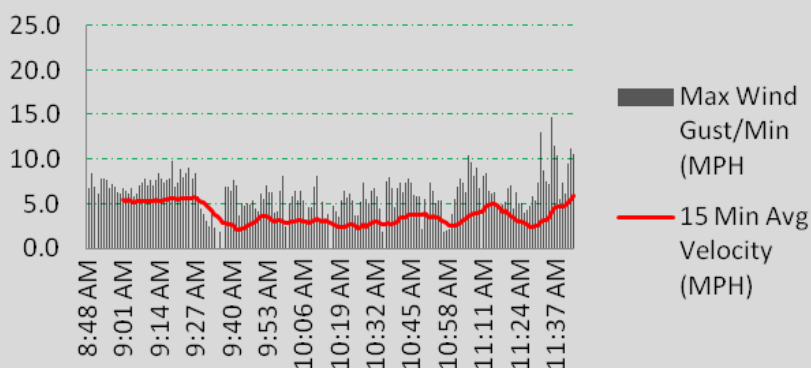
### Wind Log - Ox Mountain Landfill

September 6, 2019



### Wind Log - Ox Mountain Landfill

September 11, 2019







# Ox Mountain Landfill

Quarterly Surface Emissions Monitoring Report – Fourth Quarter 2019





February 25, 2020

**Mr. Agustin Moreno**  
**Republic Services, Inc**  
Ox Mountain Landfill  
12310 San Mateo Rd  
Half Moon Bay, CA 94019

Subject: Fourth Quarter 2019 Surface Emissions Monitoring Results for the Ox Mountain Landfill, Half Moon Bay, CA

Dear Mr. Moreno:

This report provides results of the fourth quarter 2019 New Source Performance Standards (NSPS) and California Air Resources Board (CARB) Landfill Methane Rule (LMR) surface emissions monitoring (SEM) performed by Tetra Tech at the subject site. All work was performed in accordance with Republic Standard Operating Procedures (SOP), NSPS and LMR requirements.

## **SUMMARY AND CONCLUSIONS**

As stipulated in the LMR, if uncorrectable exceedances within the 10-day limitation are detected or emissions are discovered during an inspection by Regulatory Agencies, 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 2019 SEM testing results indicated ten (10) exceedances of the LMR integrated threshold limit of 25 parts per million by volume (ppmv) as measured as methane above background and twenty-one (21) locations that exceeded the NSPS and LMR instantaneous level of 500 ppmv during the initial monitoring event. System adjustments and repair work was performed by Tetra Tech and site personnel. Subsequent re-monitoring occurred within the required timelines from NSPS and LMR. Re-monitoring indicated there were five (5) grids with remaining integrated exceedances and no grids with remaining instantaneous exceedances. These results are discussed in a subsequent section of this report.

Additionally, during this event, some grids were not monitored as these areas were deemed unsafe by Tetra Tech and site personnel for entry due to active filling operations or soil management operations, which could cause a potential for injury of monitoring personnel as follows:

- Full grids 31, 37, 38, 45, 51, 58, 59, 60, 66, 67, 71, 73, 74, 75, 80, 81, 82, 87, 88, 89, 94, 95, 100, 101, 106, 107, 112, 113, 118, 119, 124, and 125 were not monitored due to active construction, heavy equipment traffic, or steep slopes (steeper than 33.5% or 18 degrees) which resulted in unsafe conditions. (see Appendix A).
- Partial grids 14, 17, 21, 26, 28, 29, 30, 35, 36, 41, 42, 43, 44, 47, 49, 50, 55, 56, 57, 63, 65, 72, 78, 79, 83, 90, 93, 96, 99, 102, 105, 108, 114, 120, 126, 154, 155, 159, 163, and 164 were not monitored due to active construction, heavy equipment traffic, or steep slopes (steeper than 33.5% or 18 degrees) 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.

Excluded areas are provided on the field map in Appendix A.

Further, as required under the LMR, any location on the landfill that has an observed instantaneous methane concentration greater than or equal to 500 ppmv, must be stake-marked and Global Positioning System (GPS) located on a site figure. When concentrations greater than or equal to 500 ppmv are observed during monitoring events, they are reported to site personnel and included in the quarterly report for that event for inclusion into the annual report as required.

Locations with concentrations between 200 ppmv and 499 ppmv are for reporting purposes only and require no remediation, as they are not an exceedance. Fifty-four (54) 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, and any observed surface erosion be routinely repaired and flowrates to the destruction devices be maximized.

## **BACKGROUND**

The Ox Mountain Landfill is an active organic refuse disposal site. By way of background, organic materials buried in a landfill decompose anaerobically (in the absence of oxygen) producing a combustible gas, which contains approximately 50 to 60 percent methane, 40 to 50 percent carbon dioxide, and trace amounts of various other gases, some of which are odorous. The Ox Mountain Landfill property contains a Gas Collection and Control System (GCCS) to control the combustible gases generated in the landfill that may otherwise either vent vertically to the atmosphere or migrate horizontally through subsurface soil to locations on adjacent properties.

## **SURFACE EMISSIONS MONITORING**

Instantaneous and integrated SEM was performed over the surface of the subject site on October 23, 24, 25, and 31, 2019; November 7 and 20, 2019; December 28, 2019; and January 3 and 20, 2020. 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 an average methane concentration of 25 ppmv for the integrated monitoring in the 50,000 square foot grids as required under the LMR. During this

event Tetra Tech performed the monitoring on 25-foot pathways in all accessible areas, in accordance with the rules as required.

## **EMISSIONS TESTING INSTRUMENTATION/CALIBRATION**

Instruments used to perform the landfill surface emission testing consisted of the following:

- Trimble SiteFID Landfill Gas Monitor Portable Flame Ionization Detector (FID). This instrument measures methane in air over a range of 1 to 50,000 ppmv. The SiteFID meets the CARB requirements for combined instantaneous and integrated monitoring and was calibrated in accordance with United States Environmental Protection Agency (US EPA) Method 21 and manufacturers specifications.
- A portable wind data logger by Secure Digital is used to monitor and log wind speeds while performing emissions monitoring. Field observations and local weather station information is used to track weather conditions and rain events.

Instrument calibration logs and instantaneous weather information are shown in Appendix D and E.

## **SURFACE EMISSIONS MONITORING PROCEDURES**

Instantaneous and integrated SEM was conducted in accordance with NSPS and LMR requirements. Monitoring was performed with the FID inlet held within 3 inches of the landfill surface while a technician walked a grid in parallel paths not more than 25-feet apart over the surface of the landfill unless site safety conditions or prior monitoring results allowed 100-foot pathways. Cracks, holes and all cover penetrations in the surface were also tested. Instantaneous surface emissions readings were monitored continuously and recorded every 5 seconds. Any areas in exceedance of the 200 or 500 ppmv standards (reporting and compliance levels, respectively) will be GPS tagged, any locations exceeding the 500 ppmv standard will also be 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 was above 5 miles per hour. No rainfall occurred during or within 24 hours of monitoring, in accordance with the alternative compliance condition. Therefore, site meteorological conditions were within the requested alternatives of the LMR requirements on the above-mentioned dates.

## **TESTING RESULTS**

During this SEM event Tetra Tech performed the monitoring on 25-foot pathways in accordance with the rules as required under the LMR and NSPS. 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 an average methane concentration of 25 ppmv for the integrated monitoring.

During the initial monitoring events on October 23, 24, and 25, 2019 and December 28, 2019, there were ten (10) exceedances of the LMR integrated threshold limit of 25 ppmv as measured as methane above background and twenty-one (21) locations that exceeded the NSPS and LMR instantaneous level of 500 ppmv. 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 which was conducted on October 25 and 31, 2019 and January 3, 2020 indicated that five (5) of the areas with integrated exceedances and twenty-one (21) areas with instantaneous exceedances had returned to compliance. Therefore, after the first 10-day re-monitoring event, five (5) integrated grids and zero (0) instantaneous locations remained above the LMR thresholds of compliance.

Follow-up monitoring was conducted at the second 10-day and one-month intervals as required on November 7 and 20, 2019 and January 20, 2020. All areas of initial exceedance were re-monitored during these times following additional abatement activities by site personnel. After the second 10-day and one-month confirmation re-monitoring events, five (5) integrated and no instantaneous locations remained above the LMR thresholds of compliance. Based on these results, upgrades and/or GCCS expansion is required within 120 days (of the initial exceedances) for these ongoing exceedances. The deadline for completing a gas expansion project is February 20, 2020. Results of the monitoring are shown in Appendix B and C. Calibration logs for the monitoring equipment are provided in Appendix D.

Furthermore, as required by the NSPS for surface emissions, the landfill perimeter was walked and tested. Results of this testing indicated that no exceedances of the 500 ppmv limit were observed, therefore the site perimeter was in compliance with the requirements of the rule.

As mentioned above:

- Full grids 31, 37, 38, 45, 51, 58, 59, 60, 66, 67, 71, 73, 74, 75, 80, 81, 82, 87, 88, 89, 94, 95, 100, 101, 106, 107, 112, 113, 118, 119, 124, and 125 were not monitored due to active construction, heavy equipment traffic, or steep slopes (steeper than 33.5% or 18 degrees) which resulted in unsafe conditions. (see Appendix A).
- Partial grids 14, 17, 21, 26, 28, 29, 30, 35, 36, 41, 42, 43, 44, 47, 49, 50, 55, 56, 57, 63, 65, 72, 78, 79, 83, 90, 93, 96, 99, 102, 105, 108, 114, 120, 126, 154, 155, 159, 163, and 164 were not monitored due to active construction, heavy equipment traffic, or steep slopes (steeper than 33.5% or 18 degrees) which resulted in unsafe conditions. (see Appendix A).

As these areas were deemed unsafe by Tetra Tech 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.

## PRESSURIZED PIPE AND COMPONENT LEAK MONITORING

During this monitoring event, Tetra Tech performed landfill gas (LFG) component leak monitoring at the LFG wells and flare station piping. Monitoring was performed with the detector inlet held one half of an inch from pressurized pipe and associated components. No locations exceeding the 500 ppmv threshold were observed during the monitoring event. Therefore, based on these results, all well components and flare station piping located at the landfill were in compliance at the time of testing.

## PROJECT SCHEDULE

Following the initial events performed on October 23, 24, and 25, 2019 and December 28, 2019, subsequent re-monitoring was scheduled for 10 days later. The first 10-day re-monitoring event was performed on October 25 and 31, 2019 and January 3, 2020. The second 10-day re-monitoring event was performed on November 7, 2019 and one-month confirmation testing on abated instantaneous readings was performed on November 20, 2019 and January 20, 2020.

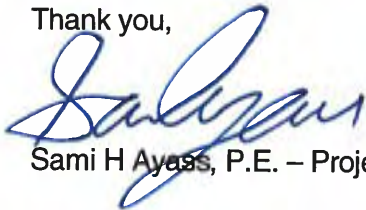
In accordance with the approved Scope of Work, Tetra Tech is scheduled to perform the first quarter NSPS and LMR monitoring event by the end of March 2020 in all areas deemed safe for entry.

## 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 Sami Ayass at (909) 655-3255.

Thank you,



Sami H Ayass, P.E. – Project Manager

This report contains the following Appendices:

**Appendix A:** Surface Grid Map

**Appendix B:** Instantaneous Monitoring Results

**Appendix C:** Integrated Monitoring Results

**Appendix D:** Calibration Logs

**Appendix E:** Weather Data

**Appendix F:** Wind Speed Data

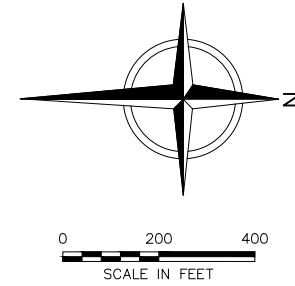
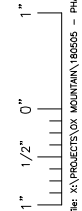
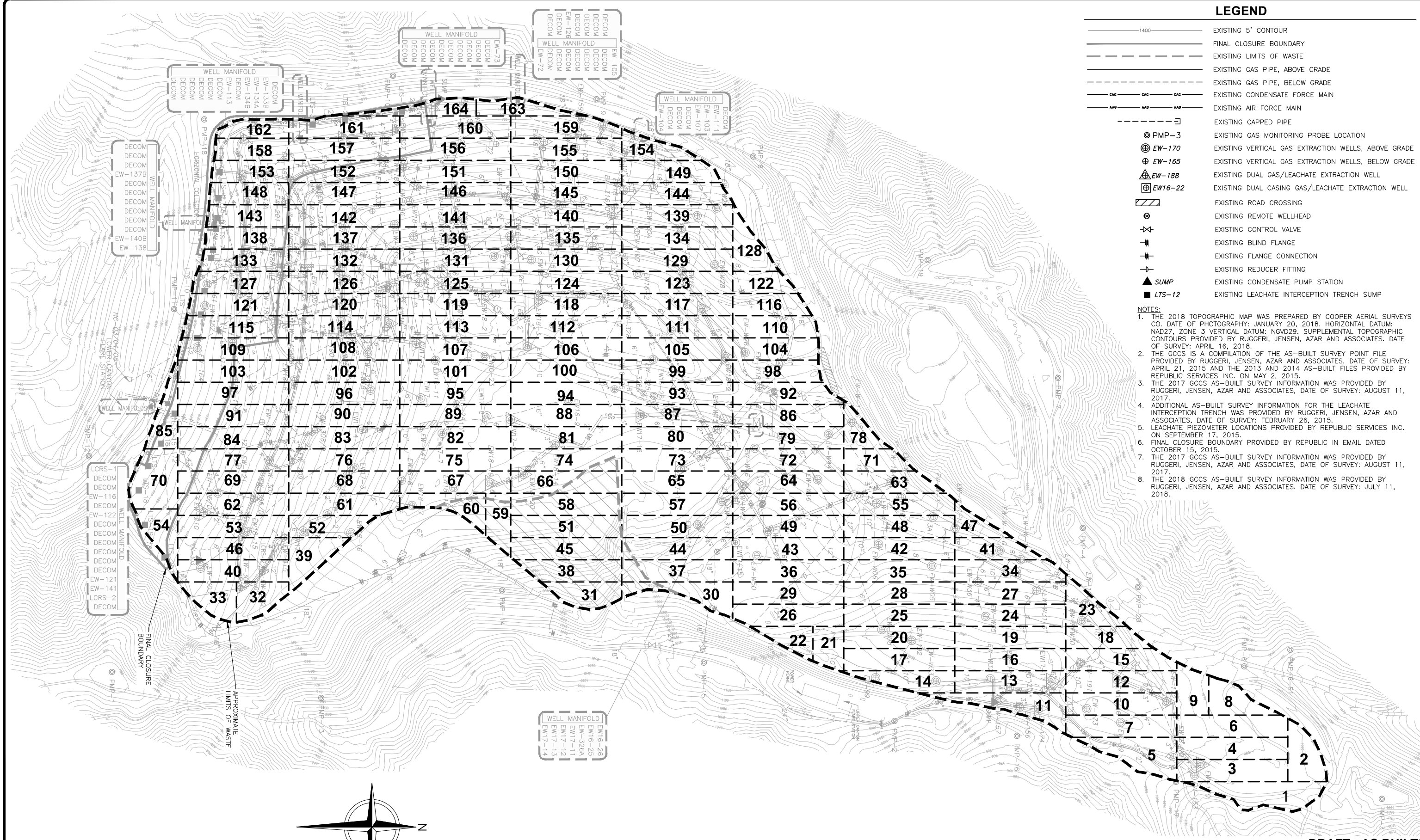
# APPENDIX A

## Surface Grid Map

**LEGEND**

- EXISTING 5' CONTOUR
- FINAL CLOSURE BOUNDARY
- EXISTING LIMITS OF WASTE
- EXISTING GAS PIPE, ABOVE GRADE
- EXISTING GAS PIPE, BELOW GRADE
- EXISTING CONDENSATE FORCE MAIN
- EXISTING AIR FORCE MAIN
- 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 BLIND FLANGE
- EXISTING FLANGE CONNECTION
- EXISTING REDUCER FITTING
- EXISTING CONDENSATE PUMP STATION
- EXISTING LEACHATE INTERCEPTION TRENCH SUMP

- NOTES:**
1. THE 2018 TOPOGRAPHIC MAP WAS PREPARED BY COOPER AERIAL SURVEYS CO. DATE OF PHOTOGRAPHY: JANUARY 20, 2018. HORIZONTAL DATUM: NAD27, ZONE 3 VERTICAL DATUM: NAVD29. SUPPLEMENTAL TOPOGRAPHIC CONTOURS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES. DATE OF SURVEY: APRIL 16, 2018.
  2. 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.
  3. THE 2017 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 11, 2017.
  4. ADDITIONAL AS-BUILT SURVEY INFORMATION FOR THE LEACHATE INTERCEPTION TRENCH WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: FEBRUARY 26, 2015.
  5. LEACHATE PIEZOMETER LOCATIONS PROVIDED BY REPUBLIC SERVICES INC. ON SEPTEMBER 17, 2015.
  6. FINAL CLOSURE BOUNDARY PROVIDED BY REPUBLIC IN EMAIL DATED OCTOBER 15, 2015.
  7. THE 2017 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 11, 2017.
  8. THE 2018 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: JULY 11, 2018.



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REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
1	9/18/2018	DATE OF ISSUE	RAW	RAW	GC	MED
		DRAWN BY	RNH	DESIGNED BY	APPROVED BY	



OX MOUNTAIN LANDFILL  
SAN MATEO COUNTY, CALIFORNIA

**2018 GCCS AS-BUILT  
SEM GRIDS**

SHEET NO.  
**1**  
PROJECT NO.  
180505

**DRAFT - AS BUILTS**



# Ox Mountain Landfill - 4Q2019 SEM

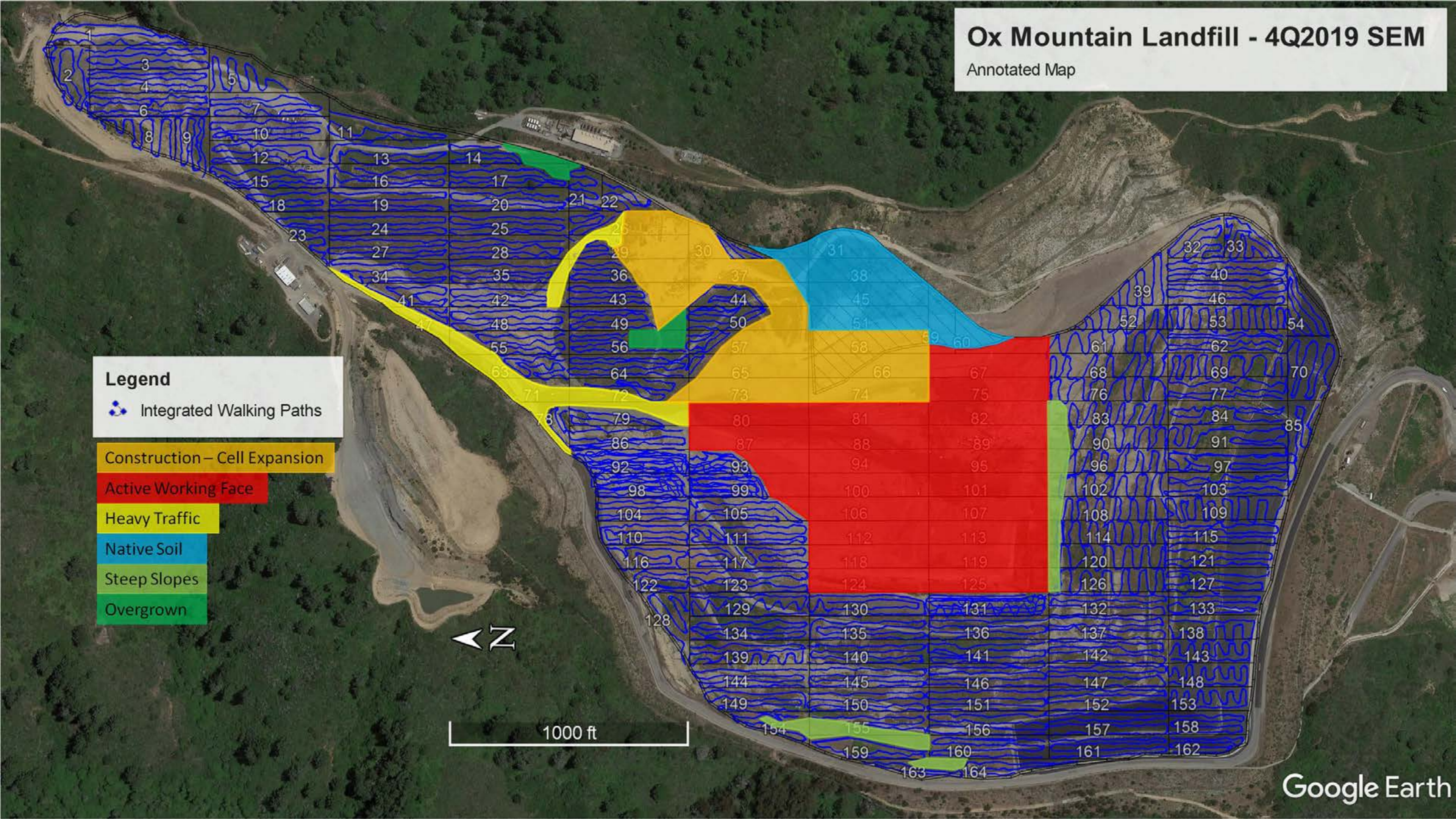
Annotated Map

## Legend

-  Integrated Walking Paths
-  Construction – Cell Expansion
-  Active Working Face
-  Heavy Traffic
-  Native Soil
-  Steep Slopes
-  Overgrown



1000 ft



# **APPENDIX B**

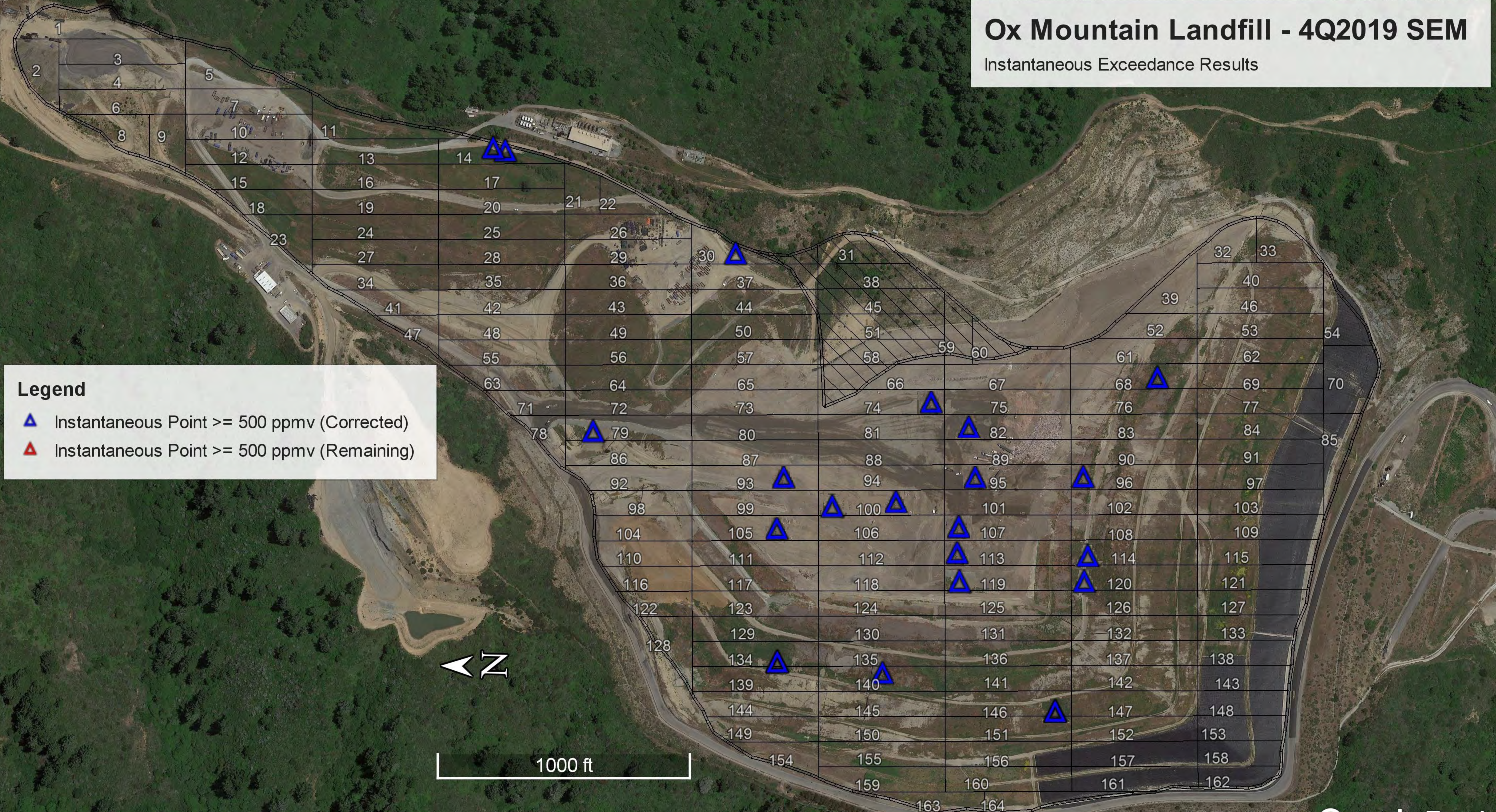
## **Instantaneous Monitoring Results**

# Ox Mountain Landfill - 4Q2019 SEM

Instantaneous Exceedance Results

**Legend**

- ▲ Instantaneous Point  $\geq$  500 ppmv (Corrected)
- ▲ Instantaneous Point  $\geq$  500 ppmv (Remaining)



**Table 2**  
**SUMMARY OF INSTANTANEOUS METHANE CONCENTRATIONS BETWEEN 200-499 PPMV**  
**4Q2019 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	ID NO.	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_ox_MTN_GRID_1_2019_Q4_Initial.csv	10/23/2019	1	152	37.510263	-122.404823	206.4
MONITOR_ox_MTN_GRID_3_2019_Q4_Initial.csv	10/23/2019	3	40	37.508612	-122.404920	229.9
MONITOR_ox_MTN_GRID_8_2019_Q4_Initial.csv	10/23/2019	8	46	37.508785	-122.406448	204.8
MONITOR_ox_mtn_GRID_14_2019_Q4_Initial.csv	10/23/2019	14	52	37.504947	-122.406328	271.1
MONITOR_ox_MTN_GRID_23_2019_Q4_Initial.csv	10/23/2019	25	94	37.507345	-122.407582	241.4
MONITOR_ox_MTN_GRID_23_2019_Q4_Initial.csv	10/23/2019	25	95	37.507333	-122.407610	429.4
MONITOR_ox_mtn_GRID_30_2019_Q4_Initial.csv	10/23/2019	30	22	37.502148	-122.407763	210.2
MONITOR_ox_mtn_GRID_50_2019_Q4_Initial.csv	10/23/2019	50	30	37.502025	-122.408550	296.8
MONITOR_ox_MTN_GRID_68_2019_Q4_Initial.csv	10/25/2019	68	63	37.498383	-122.409450	219.0
MONITOR_ox_MTN_GRID_68_2019_Q4_Initial.csv	10/25/2019	68	129	37.497750	-122.409153	244.5
MONITOR_ox_mtn_GRID_72_2019_Q4_Initial.csv	10/23/2019	72	57	37.503792	-122.409558	235.0
MONITOR_ox_MTN_GRID_83_2019_Q4_Initial.csv	10/25/2019	83	132	37.498482	-122.410068	223.7
MONITOR_ox_MTN_GRID_83_2019_Q4_Initial.csv	10/25/2019	83	136	37.498537	-122.410083	239.8
MONITOR_ox_MTN_GRID_86_2019_Q4_Initial.csv	10/23/2019	86	49	37.502890	-122.410345	254.7
MONITOR_ox_MTN_GRID_86_2019_Q4_Initial.csv	10/23/2019	86	52	37.502987	-122.410377	300.0
MONITOR_ox_MTN_GRID_86_2019_Q4_Initial.csv	10/23/2019	86	55	37.503065	-122.410362	434.6
MONITOR_ox_MTN_GRID_86_2019_Q4_Initial.csv	10/23/2019	86	139	37.502898	-122.410458	207.2
MONITOR_ox_MTN_GRID_90_2019_Q4_Initial.csv	10/25/2019	90	67	37.498400	-122.410232	204.9
MONITOR_ox_MTN_GRID_90_2019_Q4_Initial.csv	10/25/2019	90	91	37.498220	-122.410095	250.5
MONITOR_ox_MTN_GRID_90_2019_Q4_Initial.csv	10/25/2019	90	98	37.498215	-122.410305	206.8
MONITOR_ox_MTN_GRID_92_2019_Q4_Initial.csv	10/23/2019	92	3	37.504082	-122.410637	242.9
MONITOR_ox_MTN_GRID_92_2019_Q4_Initial.csv	10/23/2019	92	130	37.503108	-122.410878	234.0
MONITOR_ox_mtn_GRID_93_2019_Q4_Initial.csv	10/25/2019	93	40	37.502462	-122.410745	203.4
MONITOR_ox_mtn_GRID_93_2019_Q4_Initial.csv	10/25/2019	93	41	37.502497	-122.410745	458.0
MONITOR_ox_mtn_GRID_93_2019_Q4_Initial.csv	10/25/2019	93	57	37.502713	-122.410872	256.9
MONITOR_ox_mtn_GRID_93_2019_Q4_Initial.csv	10/25/2019	93	58	37.502687	-122.410883	219.4
MONITOR_ox_mtn_GRID_93_2019_Q4_Initial.csv	10/25/2019	93	59	37.502650	-122.410890	211.1
MONITOR_ox_mtn_GRID_96_2019_Q4_Initial.csv	10/25/2019	96	152	37.498560	-122.410668	205.7
MONITOR_ox_mtn_GRID_96_2019_Q4_Initial.csv	10/25/2019	96	153	37.498563	-122.410617	279.0
MONITOR_ox_mtn_GRID_96_2019_Q4_Initial.csv	10/25/2019	96	154	37.498562	-122.410593	348.8
MONITOR_ox_mtn_GRID_96_2019_Q4_Initial.csv	10/25/2019	96	169	37.498673	-122.410793	277.1
MONITOR_ox_mtn_GRID_96_2019_Q4_Initial.csv	10/25/2019	96	172	37.498670	-122.410652	208.0
MONITOR_ox_mtn_GRID_96_2019_Q4_Initial.csv	10/25/2019	96	173	37.498670	-122.410605	295.7
MONITOR_ox_mtn_GRID_96_2019_Q4_Initial.csv	10/25/2019	96	174	37.498680	-122.410553	226.5
MONITOR_ox_MTN_GRID_98_2019_Q4_Initial.csv	10/23/2019	98	26	37.503000	-122.410987	340.2
MONITOR_ox_MTN_GRID_98_2019_Q4_Initial.csv	10/23/2019	98	27	37.502978	-122.410987	319.8
MONITOR_ox_mtn_GRID_99_2019_Q4_Initial.csv	10/25/2019	99	7	37.502153	-122.410972	238.1
MONITOR_ox_mtn_GRID_99_2019_Q4_Initial.csv	10/25/2019	99	9	37.502227	-122.410965	210.2
MONITOR_ox_mtn_GRID_99_2019_Q4_Initial.csv	10/25/2019	99	24	37.502695	-122.410968	224.2
MONITOR_ox_mtn_GRID_99_2019_Q4_Initial.csv	10/25/2019	99	25	37.502713	-122.410977	304.4
MONITOR_ox_mtn_GRID_99_2019_Q4_Initial.csv	10/25/2019	99	40	37.502640	-122.411023	200.2
MONITOR_ox_mtn_GRID_99_2019_Q4_Initial.csv	10/25/2019	99	41	37.502612	-122.411037	254.5
MONITOR_ox_mtn_GRID_99_2019_Q4_Initial.csv	10/25/2019	99	42	37.502583	-122.411043	233.1
MONITOR_ox_mtn_GRID_99_2019_Q4_Initial.csv	10/25/2019	99	62	37.502035	-122.411053	241.9

**Table 2**  
**SUMMARY OF INSTANTANEOUS METHANE CONCENTRATIONS BETWEEN 200-499 PPMV**  
**4Q2019 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	ID NO.	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_ox_MTN_GRID_104_2019_Q4_Initial.csv	10/23/2019	104	129	37.503670	-122.411567	263.8
MONITOR_ox_MTN_GRID_122_2019_Q4_Initial.csv	10/23/2019	122	41	37.503323	-122.412482	213.3
MONITOR_ox_mtn_GRID_130_2019_Q4_Initial.csv	10/25/2019	130	136	37.500493	-122.412872	348.5
MONITOR_ox_mtn_GRID_131_2019_Q4_Initial.csv	10/25/2019	131	110	37.499480	-122.412643	258.9
MONITOR_ox_mtn_GRID_131_2019_Q4_Initial.csv	10/25/2019	131	112	37.499417	-122.412637	341.8
MONITOR_ox_mtn_GRID_131_2019_Q4_Initial.csv	10/25/2019	131	145	37.498710	-122.412567	239.6
MONITOR_ox_mtn_GRID_135_2019_Q4_Initial.csv	10/25/2019	135	39	37.500177	-122.412990	242.2
MONITOR_ox_mtn_GRID_136_2019_Q4_Initial.csv	10/25/2019	136	151	37.499320	-122.412928	415.4
MONITOR_ox_MTN_GRID_139_2019_Q4_Initial.csv	10/23/2019	139	140	37.502710	-122.413343	373.3
MONITOR_ox_mtn_GRID_140_2019_Q4_Initial.csv	10/25/2019	140	22	37.500663	-122.413327	399.6

**Table 3**  
**SUMMARY OF INSTANTANEOUS METHANE CONCENTRATIONS ≥500 PPMV**  
**INCLUDING REMONITORING RESULTS**  
**4Q2019 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	ID NO.	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_14_2019_Q4_Initial.csv	10/23/2019	14	19	37.505025	-122.406227	693.3
MONITOR_ox_MTN_GRID_14_2019_Q4_10Day_1.csv	10/25/2019	14	19	37.505035	-122.406227	10.9
MONITOR_ox_MTN_GRID_14_2019_Q4_Month.csv	11/20/2019	14	19	37.505033	-122.406258	38.5
MONITOR_ox_mtn_GRID_14_2019_Q4_Initial.csv	10/23/2019	14	22	37.504892	-122.406263	22426.2
MONITOR_ox_MTN_GRID_14_2019_Q4_10Day_1.csv	10/25/2019	14	22	37.504882	-122.406258	50.8
MONITOR_ox_MTN_GRID_14_2019_Q4_Month.csv	11/20/2019	14	22	37.504935	-122.406255	11.4
MONITOR_ox_mtn_GRID_30_2019_Q4_Initial.csv	10/23/2019	30	15	37.502370	-122.407615	1004.5
MONITOR_ox_mtn_GRID_30_2019_Q4_10Day_1.csv	10/31/2019	30	15	37.502367	-122.407638	103.9
MONITOR_ox_MTN_GRID_30_2019_Q4_Month.csv	11/20/2019	30	15	37.502397	-122.407613	105.8
MONITOR_ox_MTN_GRID_68_2019_Q4_Initial.csv	10/25/2019	68	130	37.497763	-122.409210	2433.8
MONITOR_ox_mtn_GRID_68_2019_Q4_10Day_1.csv	10/31/2019	68	130	37.497760	-122.409202	81.5
MONITOR_ox_MTN_GRID_68_2019_Q4_Month.csv	11/20/2019	68	130	37.497788	-122.409190	84.4
MONITOR_ox_MTN_GRID_79_2019_Q4_Initial.csv	10/23/2019	79	12	37.503883	-122.410085	708.6
MONITOR_ox_mtn_GRID_79_2019_Q4_10Day_1.csv	10/31/2019	79	12	37.503878	-122.410090	37.4
MONITOR_ox_MTN_GRID_79_2019_Q4_Month.csv	11/20/2019	79	12	37.503898	-122.410135	19.2
MONITOR_ox_mtn_GRID_96_2019_Q4_Initial.csv	10/25/2019	96	155	37.498550	-122.410590	4568.9
MONITOR_ox_mtn_GRID_96_2019_Q4_10Day_1.csv	10/31/2019	96	155	37.498565	-122.410585	413.9
MONITOR_ox_MTN_GRID_96_2019_Q4_Month.csv	11/20/2019	96	155	37.498562	-122.410612	119.7
MONITOR_ox_MTN_GRID_134_2019_Q4_Initial.csv	10/23/2019	134	14	37.501837	-122.413200	4187.0
MONITOR_ox_mtn_GRID_134_2019_Q4_10Day_1.csv	10/31/2019	134	14	37.501842	-122.413220	14.3
MONITOR_ox_MTN_GRID_134_2019_Q4_Month.csv	11/20/2019	134	14	37.501863	-122.413213	8.1
MONITOR_ox_mtn_GRID_140_2019_Q4_Initial.csv	10/25/2019	140	23	37.500692	-122.413327	2550.7
MONITOR_ox_mtn_GRID_140_2019_Q4_10Day_1.csv	10/31/2019	140	23	37.500678	-122.413348	214.2
MONITOR_ox_MTN_GRID_140_2019_Q4_Month.csv	11/20/2019	140	23	37.500683	-122.413360	72.9

**Table 3**  
**SUMMARY OF INSTANTANEOUS METHANE CONCENTRATIONS ≥500 PPMV**  
**INCLUDING REMONITORING RESULTS**  
**4Q2019 Ox Mountain Landfill**

FILE NAME	DATE	WELL ID	ID NO.	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_Well_OXEW1601_2019_Q4_Initial.csv	12/28/2019	OXEW1601	EW1601	37.502049	-122.411675	600
MONITOR_ox_mtn_Well_OXEW1601_2019_Q4_10Day_1.csv	1/3/2020	OXEW1601	EW1601	37.502049	-122.411675	130
MONITOR_ox_mtn_Well_OXEW1601_2019_Q4_Month.csv	1/20/2020	OXEW1601	EW1601	37.502049	-122.411675	300
MONITOR_ox_mtn_Well_OXEW1602_2019_Q4_Initial.csv	12/28/2019	OXEW1602	EW1602	37.501633	-122.412533	650
MONITOR_ox_mtn_Well_OXEW1602_2019_Q4_10Day_1.csv	1/3/2020	OXEW1602	EW1602	37.501633	-122.412533	30
MONITOR_ox_mtn_Well_OXEW1602_2019_Q4_Month.csv	1/20/2020	OXEW1602	EW1602	37.501633	-122.412533	320
MONITOR_ox_mtn_Well_OXEW1603_2019_Q4_Initial.csv	12/28/2019	OXEW1603	EW1603	37.500840	-122.412144	700
MONITOR_ox_mtn_Well_OXEW1603_2019_Q4_10Day_1.csv	1/3/2020	OXEW1603	EW1603	37.500840	-122.412144	250
MONITOR_ox_mtn_Well_OXEW1603_2019_Q4_Month.csv	1/20/2020	OXEW1603	EW1603	37.500840	-122.412144	300
MONITOR_ox_mtn_Well_OXEW1611_2019_Q4_Initial.csv	12/28/2019	OXEW1611	EW1611	37.499226	-122.411340	2500
MONITOR_ox_mtn_Well_OXEW1611_2019_Q4_10Day_1.csv	1/3/2020	OXEW1611	EW1611	37.499226	-122.411340	160
MONITOR_ox_mtn_Well_OXEW1611_2019_Q4_Month.csv	1/20/2020	OXEW1611	EW1611	37.499226	-122.411340	400
MONITOR_ox_mtn_Well_OXEW1613_2019_Q4_Initial.csv	12/28/2019	OXEW1613	EW1613	37.499908	-122.412744	850
MONITOR_ox_mtn_Well_OXEW1613_2019_Q4_10Day_1.csv	1/3/2020	OXEW1613	EW1613	37.499908	-122.412744	20
MONITOR_ox_mtn_Well_OXEW1613_2019_Q4_Month.csv	1/20/2020	OXEW1613	EW1613	37.499908	-122.412744	400
MONITOR_ox_mtn_Well_OXEW1623_2019_Q4_Initial.csv	12/28/2019	OXEW1623	EW1623	37.499641	-122.411237	2000
MONITOR_ox_mtn_Well_OXEW1623_2019_Q4_10Day_1.csv	1/3/2020	OXEW1623	EW1623	37.499641	-122.411237	90
MONITOR_ox_mtn_Well_OXEW1623_2019_Q4_Month.csv	1/20/2020	OXEW1623	EW1623	37.499641	-122.411237	350
MONITOR_ox_mtn_Well_OXEW1624_2019_Q4_Initial.csv	12/28/2019	OXEW1624	EW1624	37.499432	-122.410524	1000
MONITOR_ox_mtn_Well_OXEW1624_2019_Q4_10Day_1.csv	1/3/2020	OXEW1624	EW1624	37.499432	-122.410524	130
MONITOR_ox_mtn_Well_OXEW1624_2019_Q4_Month.csv	1/20/2020	OXEW1624	EW1624	37.499432	-122.410524	400
MONITOR_ox_mtn_Well_OXEW1802_2019_Q4_Initial.csv	12/28/2019	OXEW1802	EW1802	37.499798	-122.412263	800
MONITOR_ox_mtn_Well_OXEW1802_2019_Q4_10Day_1.csv	1/3/2020	OXEW1802	EW1802	37.499798	-122.412263	350
MONITOR_ox_mtn_Well_OXEW1802_2019_Q4_Month.csv	1/20/2020	OXEW1802	EW1802	37.499798	-122.412263	250
MONITOR_ox_mtn_Well_OXEW1813_2019_Q4_Initial.csv	12/28/2019	OXEW1813	EW1813	37.498594	-122.411700	900
MONITOR_ox_mtn_Well_OXEW1813_2019_Q4_10Day_1.csv	1/3/2020	OXEW1813	EW1813	37.498594	-122.411700	45
MONITOR_ox_mtn_Well_OXEW1813_2019_Q4_Month.csv	1/20/2020	OXEW1813	EW1813	37.498594	-122.411700	200
MONITOR_ox_mtn_Well_OXEW1906_2019_Q4_Initial.csv	12/28/2019	OXEW1906	EW1906	37.499038	-122.410556	700
MONITOR_ox_mtn_Well_OXEW1906_2019_Q4_10Day_1.csv	1/3/2020	OXEW1906	EW1906	37.499038	-122.410556	110
MONITOR_ox_mtn_Well_OXEW1906_2019_Q4_Month.csv	1/20/2020	OXEW1906	EW1906	37.499038	-122.410556	270
MONITOR_ox_mtn_Well_OXMEW183_2019_Q4_Initial.csv	12/28/2019	OXMEW183	MEW183	37.500429	-122.412129	590
MONITOR_ox_mtn_Well_OXMEW183_2019_Q4_10Day_1.csv	1/3/2020	OXMEW183	MEW183	37.500429	-122.412129	0
MONITOR_ox_mtn_Well_OXMEW183_2019_Q4_Month.csv	1/20/2020	OXMEW183	MEW183	37.500429	-122.412129	150
MONITOR_ox_mtn_Well_OXMEW310_2019_Q4_Initial.csv	12/28/2019	OXMEW310	MEW310	37.498611	-122.413200	650
MONITOR_ox_mtn_Well_OXMEW310_2019_Q4_10Day_1.csv	1/3/2020	OXMEW310	MEW310	37.498611	-122.413200	170
MONITOR_ox_mtn_Well_OXMEW310_2019_Q4_Month.csv	1/20/2020	OXMEW310	MEW310	37.498611	-122.413200	200
MONITOR_ox_mtn_Well_OXMEW328_2019_Q4_Initial.csv	12/28/2019	OXMEW328	MEW328	37.501557	-122.412155	900
MONITOR_ox_mtn_Well_OXMEW328_2019_Q4_10Day_1.csv	1/3/2020	OXMEW328	MEW328	37.501557	-122.412155	55
MONITOR_ox_mtn_Well_OXMEW328_2019_Q4_Month.csv	1/20/2020	OXMEW328	MEW328	37.501557	-122.412155	360

# APPENDIX C



## Integrated Monitoring Results



# Ox Mountain Landfill - 4Q2019 SEM

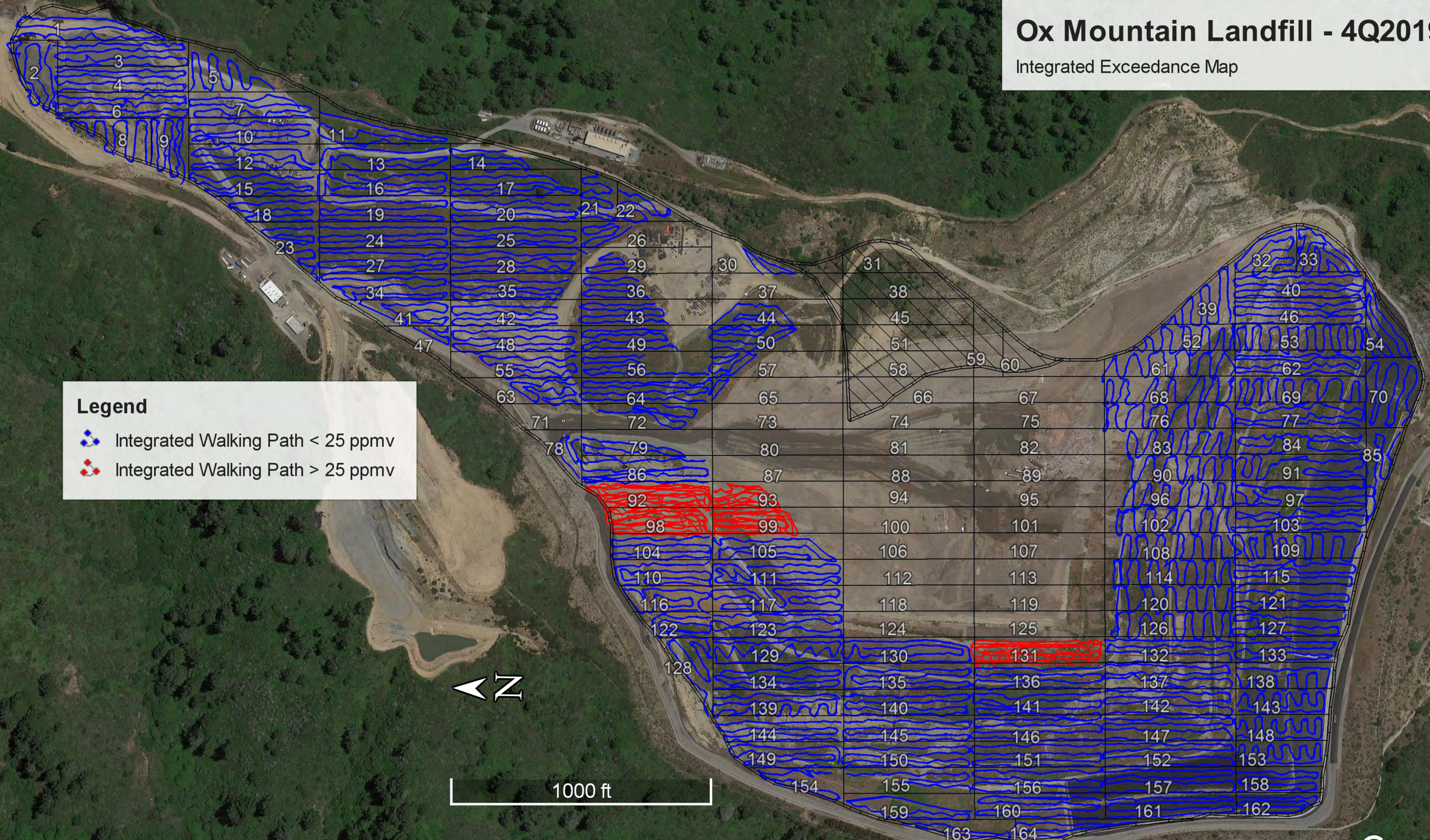
Integrated Exceedance Map

## Legend

-  Integrated Walking Path < 25 ppmv
-  Integrated Walking Path > 25 ppmv



1000 ft



**Table 1**  
**SUMMARY OF INTEGRATED METHANE CONCENTRATIONS**  
**INCLUDING REMONITORING RESULTS**  
**4Q2019 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_MTN_GRID_1_2019_Q4_Initial.csv	10/23/2019	1	2.9
MONITOR_ox_MTN_GRID_2_2019_Q4_Initial.csv	10/23/2019	2	0.3
MONITOR_ox_MTN_GRID_3_2019_Q4_Initial.csv	10/23/2019	3	4.9
MONITOR_ox_MTN_GRID_4_2019_Q4_Initial.csv	10/23/2019	4	0.5
MONITOR_ox_MTN_GRID_5_2019_Q4_Initial.csv	10/23/2019	5	0.4
MONITOR_ox_MTN_GRID_6_2019_Q4_Initial.csv	10/23/2019	6	0.3
MONITOR_ox_MTN_GRID_7_2019_Q4_Initial.csv	10/23/2019	7	1.2
MONITOR_ox_MTN_GRID_8_2019_Q4_Initial.csv	10/23/2019	8	4.0
MONITOR_ox_MTN_GRID_9_2019_Q4_Initial.csv	10/23/2019	9	0.4
MONITOR_ox_MTN_GRID_10_2019_Q4_Initial.csv	10/23/2019	10	1.8
MONITOR_ox_mtn_GRID_11_2019_Q4_Initial.csv	10/23/2019	11	2.4
MONITOR_ox_MTN_GRID_12_2019_Q4_Initial.csv	10/23/2019	12	0.8
MONITOR_ox_mtn_GRID_13_2019_Q4_Initial.csv	10/23/2019	13	0.1
MONITOR_ox_mtn_GRID_14_2019_Q4_Initial.csv	10/23/2019	14	28.4
MONITOR_ox_MTN_GRID_14_2019_Q4_10Day_1.csv	10/31/2019	14	3.9
MONITOR_ox_MTN_GRID_15_2019_Q4_Initial.csv	10/23/2019	15	0.9
MONITOR_ox_mtn_GRID_16_2019_Q4_Initial.csv	10/23/2019	16	0.2
MONITOR_ox_mtn_GRID_17_2019_Q4_Initial.csv	10/23/2019	17	0.1
MONITOR_ox_MTN_GRID_18_2019_Q4_Initial.csv	10/23/2019	18	5.0
MONITOR_ox_mtn_GRID_19_2019_Q4_Initial.csv	10/23/2019	19	0.4
MONITOR_ox_mtn_GRID_20_2019_Q4_Initial.csv	10/23/2019	20	0.1
MONITOR_ox_mtn_GRID_21_2019_Q4_Initial.csv	10/23/2019	21	0.8
MONITOR_ox_mtn_GRID_22_2019_Q4_Initial.csv	10/23/2019	22	4.5
MONITOR_ox_MTN_GRID_23_2019_Q4_Initial.csv	10/23/2019	23	13.3
MONITOR_ox_MTN_GRID_24_2019_Q4_Initial.csv	10/23/2019	24	0.8
MONITOR_ox_mtn_GRID_25_2019_Q4_Initial.csv	10/24/2019	25	0.5
MONITOR_ox_mtn_GRID_26_2019_Q4_Initial.csv	10/24/2019	26	5.5
MONITOR_ox_MTN_GRID_27_2019_Q4_Initial.csv	10/23/2019	27	2.2
MONITOR_ox_MTN_GRID_28_2019_Q4_Initial.csv	10/23/2019	28	2.8
MONITOR_ox_mtn_GRID_29_2019_Q4_Initial.csv	10/24/2019	29	0.1
MONITOR_ox_mtn_GRID_30_2019_Q4_Initial.csv	10/23/2019	30	63.5
MONITOR_ox_mtn_GRID_30_2019_Q4_10Day_1.csv	10/31/2019	30	16.4
MONITOR_ox_MTN_GRID_32_2019_Q4_Initial.csv	10/24/2019	32	1.8
MONITOR_ox_MTN_GRID_33_2019_Q4_Initial.csv	10/24/2019	33	3.1
MONITOR_ox_MTN_GRID_34_2019_Q4_Initial.csv	10/23/2019	34	1.9
MONITOR_ox_mtn_GRID_35_2019_Q4_Initial.csv	10/24/2019	35	2.4
MONITOR_ox_mtn_GRID_36_2019_Q4_Initial.csv	10/24/2019	36	0.0
MONITOR_ox_MTN_GRID_39_2019_Q4_Initial.csv	10/25/2019	39	3.0
MONITOR_ox_MTN_GRID_40_2019_Q4_Initial.csv	10/24/2019	40	1.6
MONITOR_ox_MTN_GRID_41_2019_Q4_Initial.csv	10/23/2019	41	2.2
MONITOR_ox_mtn_GRID_42_2019_Q4_Initial.csv	10/24/2019	42	7.9
MONITOR_ox_mtn_GRID_43_2019_Q4_Initial.csv	10/23/2019	43	0.2
MONITOR_ox_mtn_GRID_44_2019_Q4_Initial.csv	10/23/2019	44	0.7
MONITOR_ox_MTN_GRID_46_2019_Q4_Initial.csv	10/24/2019	46	3.3
MONITOR_ox_MTN_GRID_47_2019_Q4_Initial.csv	10/23/2019	47	17.0
MONITOR_ox_mtn_GRID_48_2019_Q4_Initial.csv	10/23/2019	48	2.9
MONITOR_ox_mtn_GRID_49_2019_Q4_Initial.csv	10/23/2019	49	0.3
MONITOR_ox_mtn_GRID_50_2019_Q4_Initial.csv	10/23/2019	50	5.5
MONITOR_ox_MTN_GRID_52_2019_Q4_Initial.csv	10/25/2019	52	8.9
MONITOR_ox_MTN_GRID_53_2019_Q4_Initial.csv	10/25/2019	53	6.6
MONITOR_ox_MTN_GRID_54_2019_Q4_Initial.csv	10/25/2019	54	1.3
MONITOR_ox_mtn_GRID_55_2019_Q4_Initial.csv	10/23/2019	55	0.4

**Table 1**  
**SUMMARY OF INTEGRATED METHANE CONCENTRATIONS**  
**INCLUDING REMONITORING RESULTS**  
**4Q2019 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_56_2019_Q4_Initial.csv	10/23/2019	56	0.2
MONITOR_ox_mtn_GRID_57_2019_Q4_Initial.csv	10/23/2019	57	0.3
MONITOR_ox_MTN_GRID_61_2019_Q4_Initial.csv	10/25/2019	61	12.7
MONITOR_ox_MTN_GRID_62_2019_Q4_Initial.csv	10/25/2019	62	2.0
MONITOR_ox_mtn_GRID_63_2019_Q4_Initial.csv	10/23/2019	63	0.1
MONITOR_ox_mtn_GRID_64_2019_Q4_Initial.csv	10/23/2019	64	1.6
MONITOR_ox_mtn_GRID_65_2019_Q4_Initial.csv	10/23/2019	65	10.6
MONITOR_ox_MTN_GRID_68_2019_Q4_Initial.csv	10/25/2019	68	30.9
MONITOR_ox_mtn_GRID_68_2019_Q4_10Day_1.csv	10/31/2019	68	24.9
MONITOR_ox_MTN_GRID_69_2019_Q4_Initial.csv	10/25/2019	69	1.4
MONITOR_ox_MTN_GRID_70_2019_Q4_Initial.csv	10/25/2019	70	0.5
MONITOR_ox_mtn_GRID_72_2019_Q4_Initial.csv	10/23/2019	72	7.9
MONITOR_ox_MTN_GRID_76_2019_Q4_Initial.csv	10/25/2019	76	14.2
MONITOR_ox_MTN_GRID_77_2019_Q4_Initial.csv	10/25/2019	77	3.3
MONITOR_ox_MTN_GRID_78_2019_Q4_Initial.csv	10/23/2019	78	15.1
MONITOR_ox_MTN_GRID_79_2019_Q4_Initial.csv	10/23/2019	79	18.9
MONITOR_ox_MTN_GRID_83_2019_Q4_Initial.csv	10/25/2019	83	17.7
MONITOR_ox_MTN_GRID_84_2019_Q4_Initial.csv	10/25/2019	84	4.6
MONITOR_ox_MTN_GRID_85_2019_Q4_Initial.csv	10/25/2019	85	0.7
MONITOR_ox_MTN_GRID_86_2019_Q4_Initial.csv	10/23/2019	86	32.2
MONITOR_ox_mtn_GRID_86_2019_Q4_10Day_1.csv	10/31/2019	86	23.6
MONITOR_ox_MTN_GRID_90_2019_Q4_Initial.csv	10/25/2019	90	23.8
MONITOR_ox_MTN_GRID_91_2019_Q4_Initial.csv	10/25/2019	91	3.1
MONITOR_ox_MTN_GRID_92_2019_Q4_Initial.csv	10/23/2019	92	31.9
MONITOR_ox_mtn_GRID_92_2019_Q4_10Day_1.csv	10/31/2019	92	27.1
MONITOR_ox_mtn_GRID_92_2019_Q4_10Day_2.csv	11/7/2019	92	35.0
MONITOR_ox_mtn_GRID_93_2019_Q4_Initial.csv	10/25/2019	93	60.0
MONITOR_ox_mtn_GRID_93_2019_Q4_10Day_1.csv	10/31/2019	93	84.6
MONITOR_ox_mtn_GRID_93_2019_Q4_10Day_2.csv	11/7/2019	93	153.4
MONITOR_ox_mtn_GRID_96_2019_Q4_Initial.csv	10/25/2019	96	37.5
MONITOR_ox_mtn_GRID_96_2019_Q4_10Day_1.csv	10/31/2019	96	22.9
MONITOR_ox_MTN_GRID_97_2019_Q4_Initial.csv	10/25/2019	97	4.9
MONITOR_ox_MTN_GRID_98_2019_Q4_Initial.csv	10/23/2019	98	39.5
MONITOR_ox_mtn_GRID_98_2019_Q4_10Day_1.csv	10/31/2019	98	30.6
MONITOR_ox_mtn_GRID_98_2019_Q4_10Day_2.csv	11/7/2019	98	57.3
MONITOR_ox_mtn_GRID_99_2019_Q4_Initial.csv	10/25/2019	99	55.1
MONITOR_ox_mtn_GRID_99_2019_Q4_10Day_1.csv	10/31/2019	99	68.2
MONITOR_ox_mtn_GRID_99_2019_Q4_10Day_2.csv	11/7/2019	99	119.6
MONITOR_ox_MTN_GRID_102_2019_Q4_Initial.csv	10/25/2019	102	21.4
MONITOR_ox_MTN_GRID_103_2019_Q4_Initial.csv	10/25/2019	103	8.9
MONITOR_ox_MTN_GRID_104_2019_Q4_Initial.csv	10/23/2019	104	15.8
MONITOR_ox_mtn_GRID_105_2019_Q4_Initial.csv	10/25/2019	105	22.7
MONITOR_ox_MTN_GRID_108_2019_Q4_Initial.csv	10/25/2019	108	18.3
MONITOR_ox_MTN_GRID_109_2019_Q4_Initial.csv	10/25/2019	109	10.3
MONITOR_ox_MTN_GRID_110_2019_Q4_Initial.csv	10/23/2019	110	15.5
MONITOR_ox_mtn_GRID_111_2019_Q4_Initial.csv	10/25/2019	111	7.2
MONITOR_ox_MTN_GRID_114_2019_Q4_Initial.csv	10/25/2019	114	16.2
MONITOR_ox_MTN_GRID_115_2019_Q4_Initial.csv	10/25/2019	115	6.2
MONITOR_ox_MTN_GRID_116_2019_Q4_Initial.csv	10/23/2019	116	16.1
MONITOR_ox_mtn_GRID_117_2019_Q4_Initial.csv	10/25/2019	117	4.9
MONITOR_ox_MTN_GRID_120_2019_Q4_Initial.csv	10/25/2019	120	11.1
MONITOR_ox_MTN_GRID_121_2019_Q4_Initial.csv	10/25/2019	121	4.1

**Table 1**  
**SUMMARY OF INTEGRATED METHANE CONCENTRATIONS**  
**INCLUDING REMONITORING RESULTS**  
**4Q2019 Ox Mountain Landfill**

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_MTN_GRID_122_2019_Q4_Initial.csv	10/23/2019	122	24.8
MONITOR_ox_MTN_GRID_123_2019_Q4_Initial.csv	10/23/2019	123	11.9
MONITOR_ox_MTN_GRID_126_2019_Q4_Initial.csv	10/25/2019	126	10.7
MONITOR_ox_MTN_GRID_127_2019_Q4_Initial.csv	10/25/2019	127	3.8
MONITOR_ox_MTN_GRID_128_2019_Q4_Initial.csv	10/23/2019	128	16.6
MONITOR_ox_MTN_GRID_129_2019_Q4_Initial.csv	10/23/2019	129	7.9
MONITOR_ox_mtn_GRID_130_2019_Q4_Initial.csv	10/25/2019	130	24.9
MONITOR_ox_mtn_GRID_131_2019_Q4_Initial.csv	10/25/2019	131	30.7
MONITOR_ox_mtn_GRID_131_2019_Q4_10Day_1.csv	10/31/2019	131	74.6
MONITOR_ox_mtn_GRID_131_2019_Q4_10Day_2.csv	11/7/2019	131	112.6
MONITOR_ox_mtn_GRID_132_2019_Q4_Initial.csv	10/25/2019	132	6.4
MONITOR_ox_mtn_GRID_133_2019_Q4_Initial.csv	10/24/2019	133	0.4
MONITOR_ox_MTN_GRID_134_2019_Q4_Initial.csv	10/23/2019	134	13.1
MONITOR_ox_mtn_GRID_135_2019_Q4_Initial.csv	10/25/2019	135	7.2
MONITOR_ox_mtn_GRID_136_2019_Q4_Initial.csv	10/25/2019	136	16.3
MONITOR_ox_mtn_GRID_137_2019_Q4_Initial.csv	10/25/2019	137	5.5
MONITOR_ox_mtn_GRID_138_2019_Q4_Initial.csv	10/24/2019	138	0.1
MONITOR_ox_MTN_GRID_139_2019_Q4_Initial.csv	10/23/2019	139	24.3
MONITOR_ox_mtn_GRID_140_2019_Q4_Initial.csv	10/25/2019	140	8.9
MONITOR_ox_mtn_GRID_141_2019_Q4_Initial.csv	10/25/2019	141	3.3
MONITOR_ox_mtn_GRID_142_2019_Q4_Initial.csv	10/25/2019	142	1.0
MONITOR_ox_mtn_GRID_143_2019_Q4_Initial.csv	10/24/2019	143	0.2
MONITOR_ox_MTN_GRID_144_2019_Q4_Initial.csv	10/23/2019	144	22.3
MONITOR_ox_mtn_GRID_145_2019_Q4_Initial.csv	10/25/2019	145	2.6
MONITOR_ox_mtn_GRID_146_2019_Q4_Initial.csv	10/25/2019	146	1.5
MONITOR_ox_mtn_GRID_147_2019_Q4_Initial.csv	10/25/2019	147	1.0
MONITOR_ox_mtn_GRID_148_2019_Q4_Initial.csv	10/24/2019	148	0.2
MONITOR_ox_MTN_GRID_149_2019_Q4_Initial.csv	10/23/2019	149	8.0
MONITOR_ox_mtn_GRID_150_2019_Q4_Initial.csv	10/24/2019	150	1.4
MONITOR_ox_mtn_GRID_151_2019_Q4_Initial.csv	10/24/2019	151	0.3
MONITOR_ox_MTN_GRID_152_2019_Q4_Initial.csv	10/24/2019	152	0.8
MONITOR_ox_mtn_GRID_153_2019_Q4_Initial.csv	10/24/2019	153	0.2
MONITOR_ox_MTN_GRID_154_2019_Q4_Initial.csv	10/23/2019	154	3.9
MONITOR_ox_mtn_GRID_155_2019_Q4_Initial.csv	10/24/2019	155	1.0
MONITOR_ox_mtn_GRID_156_2019_Q4_Initial.csv	10/24/2019	156	1.3
MONITOR_ox_MTN_GRID_157_2019_Q4_Initial.csv	10/24/2019	157	0.2
MONITOR_ox_MTN_GRID_158_2019_Q4_Initial.csv	10/24/2019	158	0.1
MONITOR_ox_MTN_GRID_159_2019_Q4_Initial.csv	10/24/2019	159	0.1
MONITOR_ox_MTN_GRID_160_2019_Q4_Initial.csv	10/24/2019	160	0.3
MONITOR_ox_MTN_GRID_161_2019_Q4_Initial.csv	10/24/2019	161	0.5
MONITOR_ox_MTN_GRID_162_2019_Q4_Initial.csv	10/24/2019	162	0.3
MONITOR_ox_MTN_GRID_163_2019_Q4_Initial.csv	10/24/2019	163	3.1
MONITOR_ox_MTN_GRID_164_2019_Q4_Initial.csv	10/24/2019	164	2.0

# APPENDIX D

## Calibration Logs

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)					
CALIBRATION SUMMARY	Field Solutions, Inc.	88680F30CBDE	10/23/2019 7:56	0.2	5					
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
PRECISION MEASUREMENT		CH4 (Methane)	500	506.5	6.5	1.3	0	10/23/2019 7:53	88680F30CBDE	
PRECISION MEASUREMENT		CH4 (Methane)	500	501.1	1.1	0.2	0	10/23/2019 7:53	88680F30CBDE	
PRECISION MEASUREMENT		CH4 (Methane)	500	494.9	-5.1	-1	0	10/23/2019 7:54	88680F30CBDE	
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	0	5	10/23/2019 7:55	88680F30CBDE		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	0	5	10/23/2019 7:55	88680F30CBDE		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	0	5	10/23/2019 7:56	88680F30CBDE		
<b>MONITOR TYPE</b>	<b>OPERATOR NAME</b>	<b>INSTRUMENT ID</b>	<b>FILE SAVE TIME</b>	<b>AVG PRECISION (%)</b>	<b>AVG RESPONSE TIME (SECONDS)</b>					
CALIBRATION SUMMARY	Field Solutions, Inc.	0001950DBB38	10/23/2019 8:07	-0.7	6.7					
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>MEASURED CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
PRECISION MEASUREMENT		CH4 (Methane)	500	489.5	-10.5	-2.1	0.1	10/23/2019 8:01	0001950DBB38	
PRECISION MEASUREMENT		CH4 (Methane)	500	499.3	-0.7	-0.1	0.3	10/23/2019 8:02	0001950DBB38	
PRECISION MEASUREMENT		CH4 (Methane)	500	500.8	0.8	0.2	0.4	10/23/2019 8:02	0001950DBB38	
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	471.7	4.1	5	10/23/2019 8:03	0001950DBB38		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	471.7	4.5	7	10/23/2019 8:04	0001950DBB38		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	471.7	3.9	8	10/23/2019 8:07	0001950DBB38		
<b>MONITOR TYPE</b>	<b>OPERATOR NAME</b>	<b>INSTRUMENT ID</b>	<b>FILE SAVE TIME</b>	<b>AVG PRECISION (%)</b>	<b>AVG RESPONSE TIME (SECONDS)</b>					
VERIFICATION SUMMARY	Field Solutions, Inc.	000780DABAC4	10/23/2019 8:07	-0.6	5.7					
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>MEASURED CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
PRECISION MEASUREMENT		CH4 (Methane)	500	496.5	-3.5	-0.7	0	10/23/2019 8:03	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	496.2	-3.8	-0.8	0	10/23/2019 8:04	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	497.8	-2.2	-0.4	0	10/23/2019 8:04	000780DABAC4	
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472	0	6	10/23/2019 8:05	000780DABAC4		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472	0	5	10/23/2019 8:05	000780DABAC4		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472	0	6	10/23/2019 8:05	000780DABAC4		
<b>MONITOR TYPE</b>	<b>OPERATOR NAME</b>	<b>INSTRUMENT ID</b>	<b>FILE SAVE TIME</b>	<b>AVG PRECISION (%)</b>	<b>AVG RESPONSE TIME (SECONDS)</b>					
CALIBRATION SUMMARY	Field Solutions, Inc.	88680F30CBDE	10/24/2019 7:30	-1	4.7					
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>MEASURED CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
PRECISION MEASUREMENT		CH4 (Methane)	500	495.6	-4.4	-0.9	0	10/24/2019 7:27	88680F30CBDE	
PRECISION MEASUREMENT		CH4 (Methane)	500	495.1	-4.9	-1	0	10/24/2019 7:27	88680F30CBDE	
PRECISION MEASUREMENT		CH4 (Methane)	500	494.4	-5.6	-1.1	0	10/24/2019 7:28	88680F30CBDE	
<b>MONITOR TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.3	1.1	4	10/24/2019 7:29	88680F30CBDE		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.3	0	5	10/24/2019 7:29	88680F30CBDE		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.3	1.6	5	10/24/2019 7:30	88680F30CBDE		

<b>MONITORING TYPE</b> VERIFICATION SUMMARY	<b>OPERATOR NAME</b> Field Solutions, Inc.	<b>INSTRUMENT ID</b> 000780DABAC4	<b>FILE SAVE TIME</b> 10/24/2019 7:25	<b>AVG PRECISION (%)</b> -0.4	<b>AVG RESPONSE TIME (SECONDS)</b> 5					
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
		CH4 (Methane)	500	498.2	-1.8	-0.4	0	10/24/2019 7:22	000780DABAC4	
		CH4 (Methane)	500	498.1	-1.9	-0.4	0	10/24/2019 7:23	000780DABAC4	
		CH4 (Methane)	500	497.7	-2.3	-0.5	0	10/24/2019 7:24	000780DABAC4	
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
		CH4 (Methane)	500	473.1	1.1	5	10/24/2019 7:24	000780DABAC4		
		CH4 (Methane)	500	473.1	1.6	5	10/24/2019 7:25	000780DABAC4		
		CH4 (Methane)	500	473.1	2.5	5	10/24/2019 7:25	000780DABAC4		
<b>MONITORING TYPE</b> CALIBRATION SUMMARY	<b>OPERATOR NAME</b> Field Solutions, Inc.	<b>INSTRUMENT ID</b> 88680F30CBDE	<b>FILE SAVE TIME</b> 10/25/2019 7:57	<b>AVG PRECISION (%)</b> -1.3	<b>AVG RESPONSE TIME (SECONDS)</b> 6					
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
		CH4 (Methane)	500	492.7	-7.3	-1.5	0	10/25/2019 7:54	88680F30CBDE	
		CH4 (Methane)	500	493.5	-6.5	-1.3	0	10/25/2019 7:55	88680F30CBDE	
		CH4 (Methane)	500	494	-6	-1.2	0	10/25/2019 7:55	88680F30CBDE	
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
		CH4 (Methane)	500	468.7	0	7	10/25/2019 7:56	88680F30CBDE		
		CH4 (Methane)	500	468.7	0	6	10/25/2019 7:56	88680F30CBDE		
		CH4 (Methane)	500	468.7	0	5	10/25/2019 7:57	88680F30CBDE		
<b>MONITORING TYPE</b> CALIBRATION SUMMARY	<b>OPERATOR NAME</b> Field Solutions, Inc.	<b>INSTRUMENT ID</b> 1.95E+44	<b>FILE SAVE TIME</b> 10/25/2019 10:25	<b>AVG PRECISION (%)</b> -0.4	<b>AVG RESPONSE TIME (SECONDS)</b> 5					
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
		CH4 (Methane)	500	497.9	-2.1	-0.4	0.4	10/25/2019 10:22	1.95E+44	
		CH4 (Methane)	500	497.8	-2.2	-0.4	0.4	10/25/2019 10:23	1.95E+44	
		CH4 (Methane)	500	498.3	-1.7	-0.3	0.5	10/25/2019 10:24	1.95E+44	
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
		CH4 (Methane)	500	473.1	5.3	5	10/25/2019 10:25	1.95E+44		
		CH4 (Methane)	500	473.1	5.4	5	10/25/2019 10:25	1.95E+44		
		CH4 (Methane)	500	473.1	4.5	5	10/25/2019 10:25	1.95E+44		
<b>MONITORING TYPE</b> VERIFICATION SUMMARY	<b>OPERATOR NAME</b> Field Solutions, Inc.	<b>INSTRUMENT ID</b> 000780DABAC4	<b>FILE SAVE TIME</b> 10/25/2019 8:09	<b>AVG PRECISION (%)</b> -0.5	<b>AVG RESPONSE TIME (SECONDS)</b> 5.3					
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
		CH4 (Methane)	500	498.2	-1.8	-0.4	0	10/25/2019 8:06	000780DABAC4	
		CH4 (Methane)	500	498.1	-1.9	-0.4	0	10/25/2019 8:07	000780DABAC4	
		CH4 (Methane)	500	496.2	-3.8	-0.8	0	10/25/2019 8:07	000780DABAC4	
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
		CH4 (Methane)	500	472.6	0	6	10/25/2019 8:08	000780DABAC4		
		CH4 (Methane)	500	472.6	1.4	6	10/25/2019 8:08	000780DABAC4		
		CH4 (Methane)	500	472.6	0	4	10/25/2019 8:09	000780DABAC4		

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)					
CALIBRATION SUMMARY	Field Solutions, Inc.	1.95E+44	10/31/2019 9:13	0.5	6					
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
PRECISION MEASUREMENT		CH4 (Methane)	500	502.4	2.4	0.5	0.7	10/31/2019 9:08	1.95E+44	
PRECISION MEASUREMENT		CH4 (Methane)	500	503.7	3.7	0.7	0.7	10/31/2019 9:10	1.95E+44	
PRECISION MEASUREMENT		CH4 (Methane)	500	500.8	0.8	0.2	0.8	10/31/2019 9:11	1.95E+44	
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	477.2	3.6	5	10/31/2019 9:12	1.95E+44		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	477.2	3.4	6	10/31/2019 9:13	1.95E+44		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	477.2	3.5	7	10/31/2019 9:13	1.95E+44		
<b>MONITORING TYPE</b>	<b>OPERATOR NAME</b>	<b>INSTRUMENT ID</b>	<b>FILE SAVE TIME</b>	<b>AVG PRECISION (%)</b>	<b>AVG RESPONSE TIME (SECONDS)</b>					
VERIFICATION SUMMARY	Field Solutions, Inc.	000780DABAC4	11/7/2019 7:36	0.2	6					
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
PRECISION MEASUREMENT		CH4 (Methane)	500	498.9	-1.1	-0.2	0	11/7/2019 7:33	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	504.6	4.6	0.9	0	11/7/2019 7:33	000780DABAC4	
PRECISION MEASUREMENT		CH4 (Methane)	500	499.3	-0.7	-0.1	0	11/7/2019 7:34	000780DABAC4	
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	0	6	11/7/2019 7:34	000780DABAC4		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	0	6	11/7/2019 7:35	000780DABAC4		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	0	6	11/7/2019 7:35	000780DABAC4		
<b>MONITORING TYPE</b>	<b>OPERATOR NAME</b>	<b>INSTRUMENT ID</b>	<b>FILE SAVE TIME</b>	<b>AVG PRECISION (%)</b>	<b>AVG RESPONSE TIME (SECONDS)</b>					
CALIBRATION SUMMARY	Field Solutions, Inc.	0001950DBB38	11/20/2019 7:22	-2.3	6.3					
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
PRECISION MEASUREMENT		CH4 (Methane)	500	488.4	-11.6	-2.3	98.4	11/20/2019 7:16	0001950DBB38	
PRECISION MEASUREMENT		CH4 (Methane)	500	486.6	-13.4	-2.7	0.9	11/20/2019 7:18	0001950DBB38	
PRECISION MEASUREMENT		CH4 (Methane)	500	490.5	-9.5	-1.9	3.6	11/20/2019 7:18	0001950DBB38	
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	464.1	3.8	6	11/20/2019 7:21	0001950DBB38		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	464.1	4	8	11/20/2019 7:21	0001950DBB38		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	464.1	7.5	5	11/20/2019 7:22	0001950DBB38		
<b>MONITORING TYPE</b>	<b>OPERATOR NAME</b>	<b>INSTRUMENT ID</b>	<b>FILE SAVE TIME</b>	<b>AVG PRECISION (%)</b>	<b>AVG RESPONSE TIME (SECONDS)</b>					
CALIBRATION SUMMARY	Gerald	TLCF0303	12/28/2019 8:00	1.3	5					
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
PRECISION MEASUREMENT		CH4 (Methane)	500	492.0	-8.0	-1.6	0	12/28/2019 8:00	TLCF0303	
PRECISION MEASUREMENT		CH4 (Methane)	500	505.0	5.0	1	0	12/28/2019 8:00	TLCF0303	
PRECISION MEASUREMENT		CH4 (Methane)	500	507.0	7.0	1.4	0	12/28/2019 8:00	TLCF0303	
<b>MONITORING TYPE</b>	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500			5	12/28/2019 8:00	TLCF0303		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500			5	12/28/2019 8:00	TLCF0303		
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500			5	12/28/2019 8:00	TLCF0303		



<b>MONITORING TYPE</b> CALIBRATION SUMMARY	<b>OPERATOR NAME</b> Jack	<b>INSTRUMENT ID</b> 2020-1713712	<b>FILE SAVE TIME</b> 12/28/2019 8:00	<b>AVG PRECISION (%)</b> 0.2	<b>AVG RESPONSE TIME (SECONDS)</b> 5					
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
		CH4 (Methane)	500	501.0	1.0	0.2	0	12/28/2019 8:00	2020-1713712	
		CH4 (Methane)	500	500.0	0.0	0	0	12/28/2019 8:00	2020-1713712	
		CH4 (Methane)	500	498.0	-2.0	-0.4	0	12/28/2019 8:00	2020-1713712	
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
		CH4 (Methane)	500			5	12/28/2019 8:00	2020-1713712		
		CH4 (Methane)	500			5	12/28/2019 8:00	2020-1713712		
		CH4 (Methane)	500			5	12/28/2019 8:00	2020-1713712		
<b>MONITORING TYPE</b> CALIBRATION SUMMARY	<b>OPERATOR NAME</b> Matt	<b>INSTRUMENT ID</b> 2020-1712952	<b>FILE SAVE TIME</b> 12/28/2019 8:00	<b>AVG PRECISION (%)</b> 0.1	<b>AVG RESPONSE TIME (SECONDS)</b> 5					
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
		CH4 (Methane)	500	500	0.0	0	0	12/28/2019 8:00	2020-1712952	
		CH4 (Methane)	500	500	0.0	0	0	12/28/2019 8:00	2020-1712952	
		CH4 (Methane)	500	502	2.0	0.4	0	12/28/2019 8:00	2020-1712952	
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
		CH4 (Methane)	500			5	12/28/2019 8:00	2020-1712952		
		CH4 (Methane)	500			5	12/28/2019 8:00	2020-1712952		
		CH4 (Methane)	500			5	12/28/2019 8:00	2020-1712952		
<b>MONITORING TYPE</b> CALIBRATION SUMMARY	<b>OPERATOR NAME</b> Jack	<b>INSTRUMENT ID</b> A251B1	<b>FILE SAVE TIME</b> 1/3/2020 9:30	<b>AVG PRECISION (%)</b> 0.5	<b>AVG RESPONSE TIME (SECONDS)</b> 5					
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
		CH4 (Methane)	500	503	3.0	0.6	0	1/3/2020 9:30	A251B1	
		CH4 (Methane)	500	501	1.0	0.2	0	1/3/2020 9:30	A251B1	
		CH4 (Methane)	500	504	4.0	0.8	0	1/3/2020 9:30	A251B1	
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
		CH4 (Methane)	500			5	1/3/2020 9:30	A251B1		
		CH4 (Methane)	500			5	1/3/2020 9:30	A251B1		
		CH4 (Methane)	500			5	1/3/2020 9:30	A251B1		
<b>MONITORING TYPE</b> CALIBRATION SUMMARY	<b>OPERATOR NAME</b> Max	<b>INSTRUMENT ID</b> 2020-1712952	<b>FILE SAVE TIME</b> 1/20/2020 11:30	<b>AVG PRECISION (%)</b> 0.3	<b>AVG RESPONSE TIME (SECONDS)</b> 5					
<b>MONITORING TYPE</b> PRECISION MEASUREMENT PRECISION MEASUREMENT PRECISION MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>DETECTOR CONCENTRATION (ppmv)</b>	<b>DIFFERENCE (ppmv)</b>	<b>DIFFERENCE (%)</b>	<b>ZERO AIR PPM</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>	
		CH4 (Methane)	500	500	0.0	0	0	1/20/2020 11:30	2020-1712952	
		CH4 (Methane)	500	505	5.0	1	0	1/20/2020 11:30	2020-1712952	
		CH4 (Methane)	500	500	0.0	0	0	1/20/2020 11:30	2020-1712952	
<b>MONITORING TYPE</b> RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT RESPONSE TIME MEASUREMENT	<b>CAL GAS SERIAL NUMBER</b>	<b>CAL GAS TYPE</b>	<b>CAL GAS CONCENTRATION (ppmv)</b>	<b>TARGET CONCENTRATION (ppmv)</b>	<b>INITIAL CONCENTRATION (ppmv)</b>	<b>RESPONSE TIME (seconds)</b>	<b>TIMESTAMP</b>	<b>INSTRUMENT ID</b>		
		CH4 (Methane)	500			5	1/20/2020 11:30	2020-1712952		
		CH4 (Methane)	500			5	1/20/2020 11:30	2020-1712952		
		CH4 (Methane)	500			5	1/20/2020 11:30	2020-1712952		

# APPENDIX E

## Weather Data

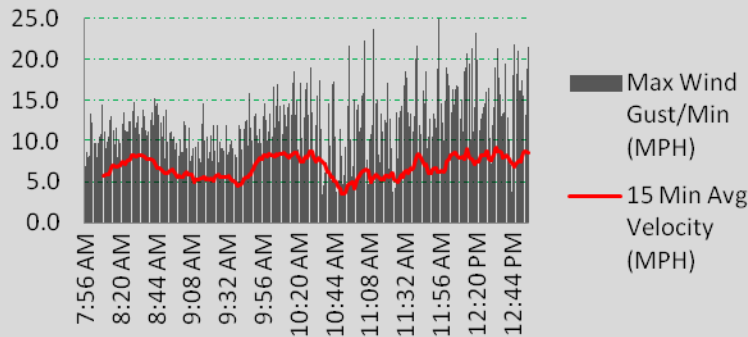
Date/Time	Temperature (°F)	Average Wind Speed (mph)	Wind Direction	Sky Condition	Precipitation
10/23/2019 8:21	50	2	NE	Clear	None
10/23/2019 8:18	50	2	NE	Clear	None
10/23/2019 8:30	50	2	NE	Clear	None
10/24/2019 7:37	69	5	NE	Clear	None
10/24/2019 7:34	69	5	NE	Clear	None
10/25/2019 8:29	65	2	E	Clear	None
10/25/2019 8:33	65	2	E	Clear	None
10/25/2019 10:32	79	6	NE	Clear	None
10/31/2019 9:38	55	6	E	Clear	None
11/7/2019 7:45	49	2	NE	Obscured	None
11/20/2019 7:23	54	2	SW	Clear	None
12/28/2019 8:00	41	1	NS	Passing clouds	None
1/3/2020 9:30	52	1	NS	Partly sunny	None
1/20/2020 11:30	51	6	EW	Mostly cloudy	None

# APPENDIX F

## Wind Speed Data

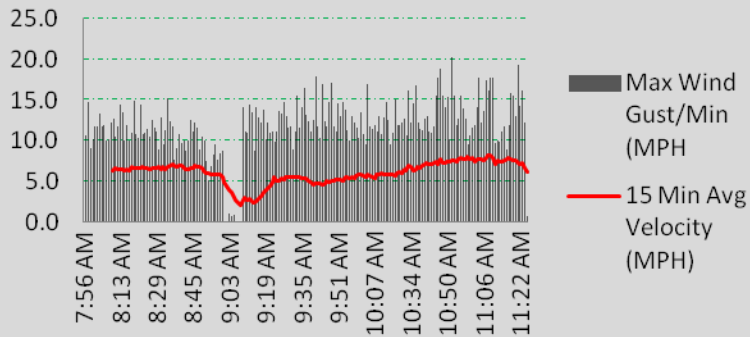
## Wind Log - Ox Mountain Landfill

October 23, 2019



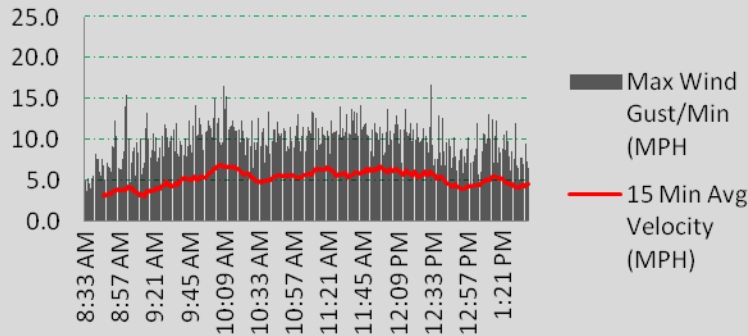
## Wind Log - Ox Mountain Landfill

October 24, 2019



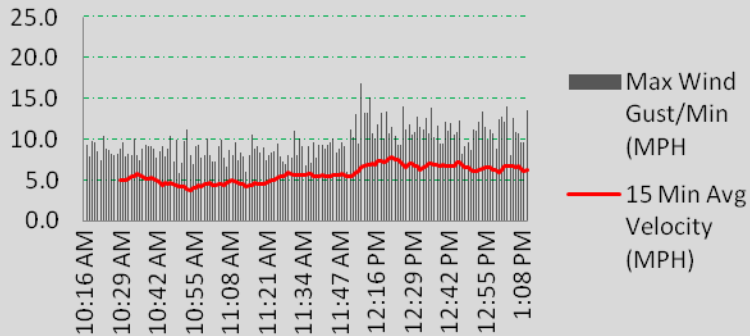
## Wind Log - Ox Mountain Landfill

October 25, 2019



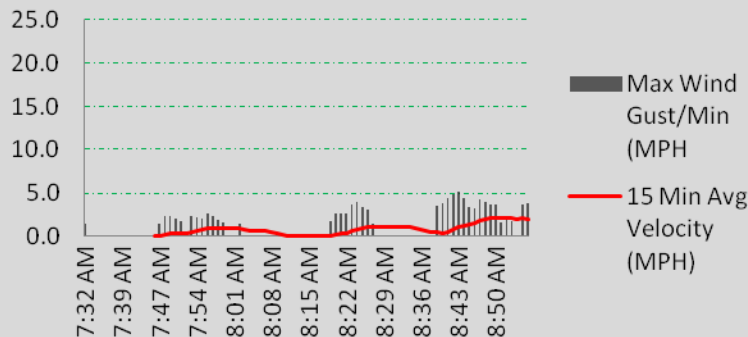
## Wind Log - Ox Mountain Landfill

October 31, 2019



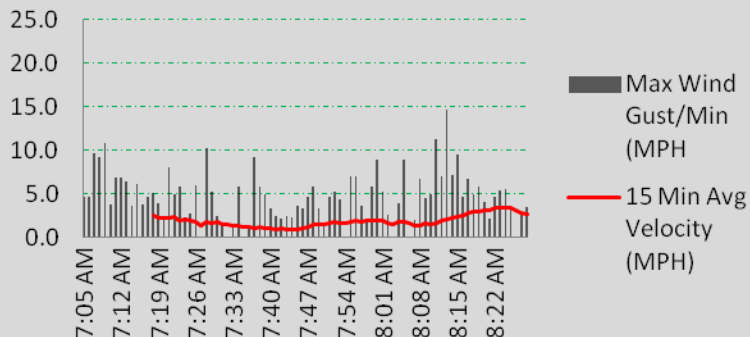
## Wind Log - Ox Mountain Landfill

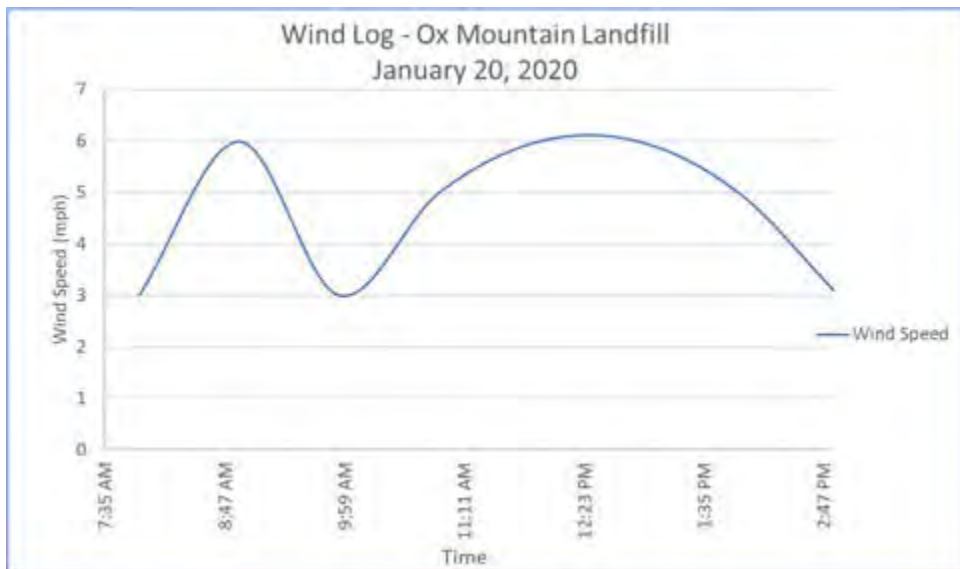
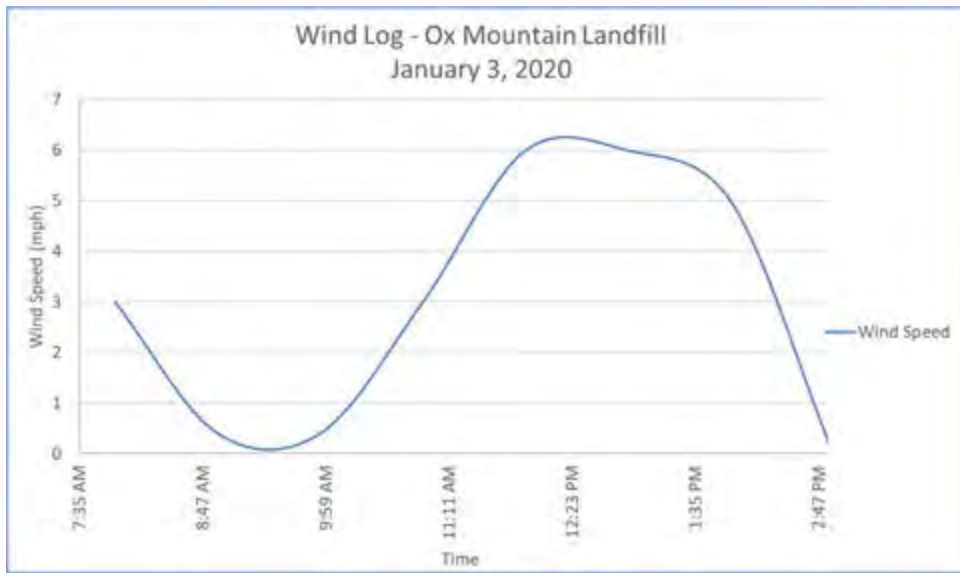
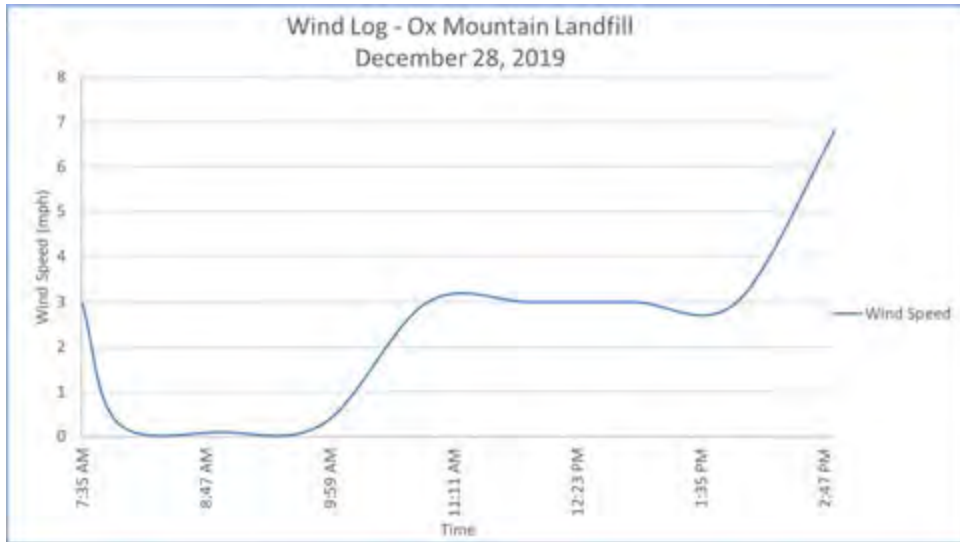
November 7, 2019



## Wind Log - Ox Mountain Landfill

November 20, 2019





## **APPENDIX I**

### **COMPONENT LEAK CHECK REPORTS**





4th

**QUARTER FLARE LFG COMPONENT LEAK MONITORING: A-9 Flare (Upper Flare)**

**INSTRUMENT**

MAKE: TRIMBLE  
 MODEL: SITEFID  
 S/N: TLCF0303

DATE OF SAMPLING: October 1, 2019  
 TECHNICIAN: Jack Carroll

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)
Knock Out Pot	0			NONE-REQUIRED	N/A	N/A	N/A
Flanges Vacuum Side	0			NONE-REQUIRED	N/A	N/A	N/A
Blowers	0			NONE-REQUIRED	N/A	N/A	N/A
Instruments	0			NONE-REQUIRED	N/A	N/A	N/A
Flanges Positive Side	0			NONE-REQUIRED	N/A	N/A	N/A
Flame Arrestor	0			NONE-REQUIRED	N/A	N/A	N/A
Panels	0			NONE-REQUIRED	N/A	N/A	N/A
Flare	0			NONE-REQUIRED	N/A	N/A	N/A
Fittings to Blowers	0			NONE-REQUIRED	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.

4th

**QUARTER LFG COMPONENT LEAK MONITORING: Wellfield**

SITE:

INSTRUMENT

MAKE: TRIMBLE and Thermo Scientific

DATE OF SAMPLING: December 28, 2019

MODEL: SITEFID and TVA2020

TECHNICIAN: Matt Bowman, Jack Carroll, and Gerald Deus

S/N: TLCF0303, 2020-1713712, and 2020-1712952

LOCATION OF LEAK	LEAK CONCENTRATION (ppmv)	DATE OF DISCOVERY	DESCRIPTION OF EQUIPMENT	ACTION TAKEN TO REPAIR LEAK	DATE OF REPAIR	DATE OF ANY REQUIRED RE-MONITORING	RE-MONITORED CONCENTRATION (ppmv)
No Leaks Detected							

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.

1st <b>QUARTER FLARE LFG COMPONENT LEAK MONITORING: A-7 Flare (Lower Flare)</b>							
INSTRUMENT		MAKE: <u>Thermo Scientific</u>		DATE OF SAMPLING: <u>February 11, 2020</u>			
MODEL: <u>TVA 2020</u>		S/N: <u>2020-17112952</u>		TECHNICIAN: <u>Max Polkabla</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)
Knock Out Pot	0			NONE-REQUIRED	N/A	N/A	N/A
Flanges Vacuum Side	0			NONE-REQUIRED	N/A	N/A	N/A
Blowers	0			NONE-REQUIRED	N/A	N/A	N/A
Instruments	0			NONE-REQUIRED	N/A	N/A	N/A
Flanges Positive Side	0			NONE-REQUIRED	N/A	N/A	N/A
Flame Arrestor	0			NONE-REQUIRED	N/A	N/A	N/A
Panels	0			NONE-REQUIRED	N/A	N/A	N/A
Flare	0			NONE-REQUIRED	N/A	N/A	N/A
Fittings to Blowers	0			NONE-REQUIRED	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. 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.</p>						

1st

**QUARTER FLARE LFG COMPONENT LEAK MONITORING: A-9 Flare (Upper Flare)**

**INSTRUMENT**

MAKE: Thermo Scientific  
 MODEL: TVA 2020  
 S/N: 2020-17112952

DATE OF SAMPLING: February 11, 2020  
 TECHNICIAN: Max Polkabila

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)
Knock Out Pot	0			NONE-REQUIRED	N/A	N/A	N/A
Flanges Vacuum Side	0			NONE-REQUIRED	N/A	N/A	N/A
Blowers	0			NONE-REQUIRED	N/A	N/A	N/A
Instruments	0			NONE-REQUIRED	N/A	N/A	N/A
Flanges Positive Side	0			NONE-REQUIRED	N/A	N/A	N/A
Flame Arrestor	0			NONE-REQUIRED	N/A	N/A	N/A
Panels	0			NONE-REQUIRED	N/A	N/A	N/A
Flare	0			NONE-REQUIRED	N/A	N/A	N/A
Fittings to Blowers	0			NONE-REQUIRED	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.

1st

**QUARTER LFG COMPONENT LEAK MONITORING: Wellfield**

SITE:  
INSTRUMENT  
MAKE:  
MODEL:  
S/N:

TRIMBLE  
SITEFID  
TLCF0303

DATE OF SAMPLING: February 24, 25, 28, 29, 2020  
TECHNICIAN: FSI, Gerald Deus, and Max Polkabla

LOCATION OF LEAK	LEAK CONCENTRATION (ppmv)	DATE OF DISCOVERY	DESCRIPTION OF EQUIPMENT	ACTION TAKEN TO REPAIR LEAK	DATE OF REPAIR	DATE OF ANY REQUIRED RE-MONITORING	RE-MONITORED CONCENTRATION (ppmv)
OXEW1714	30250.7	2/24/20	N/A	Fixed by tightening ferenco on well and increasing vacuum applied to well	2/27/20	2/28/20	139.0
OXMEW162	5359.6	2/24/20	N/A	Fixed by increase vacuum applied to well	2/28/20	2/28/20	5.3

**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 1, 2, 4, 7, 9, 11, 22, 24, 25, and 29, 2019

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMLEW101	10/2/2019 12:55	44.8	39.2	0.9	15.1	-2.7	-2.0	-38.9	81.5	0.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMLEW101	10/24/2019 12:04	47.3	45.4	1.8	5.5	-1.1	-1.2	-38.2	79.7	0.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLEW104	10/9/2019 11:01	54.1	45.9	0.0	0.0	-6.7	-7.7	-38.5	83.1	30.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLEW104	10/29/2019 13:27	55.4	41.4	0.0	3.2	-15.3	-17.0	-33.6	85.8	40.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMLEW107	10/9/2019 11:04	57.1	42.9	0.0	0.0	-28.7	-28.9	-38.1	76.3	18.7	Valve Adjustment:"NSPS/CAI,Valve 100% open";Well Condition:"";Well Repairs:""
OMLEW107	10/29/2019 13:29	58.4	41.6	0.0	0.0	-33.7	-33.4	-33.6	74.8	28.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OMLFEW59	10/1/2019 11:19	44.9	39.0	0.0	16.1	-4.2	-2.9	-31.2	114.8	315.7	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMLFEW59	10/24/2019 9:51	56.0	42.8	0.0	1.2	-2.1	-2.4	-34.6	115.2	225.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW72	10/9/2019 10:52	45.3	40.5	0.0	14.2	-0.9	-0.4	-28.9	73.0		Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW72	10/29/2019 13:32	61.2	38.8	0.0	0.0	-0.5	-1.5	-33.0	74.3		Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW99	10/1/2019 12:11	28.9	30.9	0.6	39.6	-0.2	-0.2	-45.1	90.5	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMLFEW99	10/24/2019 10:40	31.2	34.2	1.0	33.6	-0.2	-0.6	-43.0	92.7	0.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS01	10/9/2019 10:36	24.9	24.8	8.5	41.8	-4.2	-0.9	-20.7	94.5	75.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS01	10/9/2019 10:37	26.7	24.7	7.7	40.9	-0.5	-0.3	-31.1	93.2	17.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS01	10/29/2019 13:06	20.4	22.7	8.3	48.6	-0.3	-2.1	-31.2	84.0	10.9	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS01	10/29/2019 13:08	24.4	22.7	7.9	45.0	-2.8	-0.8	-7.5	86.9	60.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS02	10/9/2019 10:39	39.0	34.8	0.5	25.7	-0.8	-0.4	-31.3	86.0	30.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS02	10/29/2019 13:11	55.0	35.7	1.1	8.2	-0.5	-0.4	-27.4	77.5	17.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS03	10/9/2019 10:42	37.1	35.6	0.0	27.3	-0.3	-0.3	-33.3	79.0	14.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS03	10/29/2019 13:18	55.3	37.0	0.6	7.1	-0.5	-0.7	-30.4	75.0	13.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS04	10/9/2019 10:24	37.9	35.4	0.0	26.7	-0.1	-0.1	-27.8	88.9	12.2	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS04	10/29/2019 10:39	50.9	38.0	0.0	11.1	-0.3	-0.3	-31.4	85.5	9.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS05	10/9/2019 10:21	41.9	33.9	0.0	24.2	-0.1	-0.1	-27.3	85.5	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS05	10/29/2019 10:35	59.4	38.5	0.0	2.1	-0.2	-0.3	-16.2	80.2	5.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS06	10/9/2019 10:18	37.7	31.9	1.9	28.5	-0.1	-0.1	-28.5	74.5	10.8	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS06	10/29/2019 10:31	52.5	38.2	1.2	8.1	-0.2	-0.2	-23.9	67.6	8.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS07	10/7/2019 14:19	34.2	30.9	1.1	33.8	-0.2	-0.2	-46.4	99.1	15.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS07	10/29/2019 10:08	60.7	39.3	0.0	0.0	-0.3	-0.4	-25.4	80.4	9.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS08	10/7/2019 14:16	25.5	23.9	4.4	46.2	-0.2	-0.2	-43.3	99.1	15.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS08	10/29/2019 10:03	61.0	39.0	0.0	0.0	-0.2	-0.3	-26.4	82.6	7.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMTLTS09	10/7/2019 14:13	12.2	20.0	5.9	61.9	-7.2	-1.8	-25.4	105.3	90.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS09	10/7/2019 14:14	11.9	18.7	6.1	63.3	-1.4	-0.5	-45.4	105.4	31.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS09	10/29/2019 9:59	60.0	38.3	0.0	1.7	-0.3	-0.5	-31.9	73.0	6.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS10	10/7/2019 10:38	0.4	2.1	16.8	80.7	-1.4	-3.3	-25.7	90.0	5.2	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS10	10/7/2019 10:41	0.7	4.4	14.4	80.5	-4.0	-1.5	-12.4	97.2	74.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS10	10/29/2019 9:54	57.0	35.0	0.6	7.4	-0.2	-0.4	-23.0	67.3	8.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS11	10/7/2019 10:50	1.0	4.4	16.0	78.6	-1.3	-2.3	-26.9	90.5	5.9	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS11	10/7/2019 10:53	1.0	3.7	14.6	80.7	-2.5	-1.3	-16.9	90.1	42.5	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS11	10/29/2019 9:47	53.1	37.4	0.4	9.1	-0.1	-0.1	-31.3	62.8	7.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS12	10/7/2019 10:56	2.4	3.0	16.8	77.8	-1.2	-4.4	-31.6	89.2	5.0	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS12	10/7/2019 10:58	3.3	2.9	16.5	77.3	-4.7	-1.4	-13.2	99.0	77.4	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS12	10/22/2019 13:41	1.3	9.7	11.8	77.2	-0.2	-0.1	-38.0	98.6	27.4	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS12	10/22/2019 13:42	1.3	9.1	11.7	77.9	-0.1	-0.1	-39.7	98.8	14.9	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS12	10/29/2019 9:44	59.7	38.2	0.3	1.8	0.0	-0.2	-31.7	66.0	8.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS15	10/7/2019 11:35	7.7	13.3	8.4	70.6	-2.2	-4.8	-37.1	112.3	44.1	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS15	10/7/2019 11:38	7.2	13.8	8.3	70.7	-5.4	-1.8	-25.4	112.6	120.6	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS15	10/29/2019 12:43	29.7	23.0	8.6	38.7	-0.1	-2.3	-36.0	73.8	6.6	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS15	10/29/2019 12:44	24.5	25.6	3.4	46.5	-2.5	-0.2	-26.8	96.3	92.0	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS16	10/7/2019 11:42	3.1	12.9	7.8	76.2	-1.6	-3.4	-39.2	101.5	22.6	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS16	10/7/2019 11:44	3.0	13.2	6.8	77.0	-4.9	-1.6	-20.9	103.1	93.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS16	10/29/2019 12:36	1.0	0.3	20.4	78.3	-0.1	-2.1	-34.3	75.2	7.7	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS16	10/29/2019 12:38	5.4	7.0	12.7	74.9	-4.3	-0.1	-17.0	83.5	124.2	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS17	10/7/2019 11:49	5.0	18.0	2.5	74.5	-1.6	-1.3	-31.0	109.8	32.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS17	10/29/2019 12:29	1.0	4.1	19.5	75.4	-0.1	-4.6	-35.0	103.1	15.1	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS17	10/29/2019 12:30	0.7	0.9	19.7	78.7	-4.8	-0.2	-25.7	107.1	120.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS18	10/7/2019 11:52	50.2	38.4	1.1	10.3	-4.7	-3.6	-33.0	99.1	85.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS18	10/29/2019 12:25	42.0	35.5	3.5	19.0	-2.2	-1.4	-34.3	83.8	71.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS19	10/7/2019 11:55	31.6	28.0	9.0	31.4	-1.3	-0.6	-33.2	80.1	50.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS19	10/7/2019 11:59	28.9	23.6	9.9	37.6	-0.5	-0.4	-37.4	80.4	8.5	Valve Adjustment:"NSPS/CAI,Well vacuum limited,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMTLTS19	10/29/2019 12:22	51.8	40.3	2.2	5.7	-0.1	-0.1	-34.2	77.0	7.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS20	10/7/2019 12:03	35.9	27.7	5.9	30.5	-2.8	-1.3	-39.6	90.5	115.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS20	10/7/2019 12:04	39.3	28.8	4.8	27.1	-1.3	-0.4	-38.6	90.7	64.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS20	10/29/2019 12:18	60.2	39.8	0.0	0.0	-0.5	-1.3	-36.5	80.2	42.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW133B	10/7/2019 14:07	46.6	40.6	0.3	12.5	-5.3	-5.2	-48.6	97.9	42.4	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW133B	10/29/2019 13:05	57.3	42.3	0.0	0.4	-3.3	-2.0	-26.5	88.2	21.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW134A	10/7/2019 14:05	44.6	38.3	0.1	17.0	-7.0	-3.8	-50.0	90.7	71.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW134A	10/29/2019 13:02	56.8	43.2	0.0	0.0	-10.8	-5.7	-33.4	88.3	50.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW134B	10/7/2019 14:01	23.2	29.7	0.2	46.9	-36.2	-34.4	-48.6	92.5	95.7	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW134B	10/29/2019 13:00	22.8	28.5	0.2	48.5	-27.0	-14.0	-31.5	90.1	111.0	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW137B	10/9/2019 10:30	55.9	43.6	0.0	0.5	-26.7	-26.8	-26.5	94.3	33.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW137B	10/29/2019 10:26	51.2	41.4	1.8	5.6	-31.3	-31.3	-30.6	74.1		Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW140B	10/9/2019 10:14	55.2	44.6	0.0	0.2	-29.4	-28.8	-29.5	90.9	6.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW140B	10/29/2019 10:12	57.9	42.1	0.0	0.0	-29.0	-30.1	-32.5	86.2	9.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1601	10/2/2019 13:40	50.6	35.7	0.2	13.5	-19.8	-19.3	-33.5	121.6	120.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1601	10/25/2019 9:36	50.7	39.5	0.1	9.7	-20.4	-20.3	-33.9	123.4	119.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1602	10/4/2019 10:27	49.8	39.9	0.0	10.3	-29.5	-29.1	-39.2	124.2	94.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1602	10/25/2019 11:04	50.3	43.9	0.0	5.8	-28.4	-27.8	-35.0	124.5	97.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1603	10/2/2019 14:05	55.8	44.2	0.0	0.0	-23.7	-24.1	-35.3	123.4	105.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1603	10/25/2019 9:46	58.5	41.5	0.0	0.0	-24.8	-25.1	-32.4	123.3	107.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1604	10/4/2019 10:05	44.9	39.3	0.0	15.8	-7.8	-5.8	-36.2	128.5	39.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1604	10/25/2019 10:55	52.3	45.5	0.0	2.2	-3.8	-5.3	-37.3	128.5	40.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1606	10/9/2019 11:32	0.6	3.8	20.0	75.6	-17.0	-3.6	-29.1	68.0	9.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1606	10/9/2019 11:33	0.8	1.4	20.0	77.8	-1.6	-1.8	-32.8	68.0	0.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1606	10/22/2019 14:11	0.0	0.5	20.3	79.2	-0.3	-0.5	-35.6	85.8	7.2	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1606	10/22/2019 14:13	0.0	0.2	20.0	79.8	-0.3	-0.5	-36.6	84.9	4.7	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1611	10/9/2019 11:37	60.9	36.6	0.2	2.3	-14.3	-14.6	-32.8	72.7		Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1611	10/29/2019 11:57	61.6	37.2	0.0	1.2	-9.5	-10.0	-13.1	74.8		Valve Adjustment:"Valve 100% open,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1612	10/4/2019 10:32	41.4	39.3	0.0	19.3	-13.1	-11.5	-38.4	119.8	37.6	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1612	10/25/2019 11:10	47.2	44.5	0.0	8.3	-7.9	-7.1	-36.0	123.4	40.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1613	10/4/2019 9:57	48.8	42.0	0.0	9.2	-33.3	-32.1	-33.7	125.6	173.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1613	10/25/2019 10:50	51.0	45.2	0.0	3.8	-24.8	-24.7	-35.8	126.1	83.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1614	10/4/2019 9:53	38.9	37.4	0.2	23.5	-8.8	-6.8	-40.8	122.4	85.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1614	10/25/2019 10:47	46.8	41.8	0.1	11.3	-4.3	-3.6	-38.0	123.3	64.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1616	10/2/2019 14:54	52.1	45.5	0.0	2.4	-18.3	-18.1	-22.2	114.8	48.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1616	10/25/2019 10:39	50.1	43.2	0.0	6.7	-20.3	-20.7	-23.3	115.3	46.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1617	10/4/2019 11:33	51.2	42.9	0.0	5.9	-2.8	-2.8	-19.0	129.2	26.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1617	10/25/2019 12:41	53.4	46.6	0.0	0.0	-1.9	-1.8	-18.0	129.7	33.1	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXEW1618	10/4/2019 10:00	52.1	39.4	0.0	8.5	-1.5	-1.6	-36.8	130.3	31.2	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXEW1618	10/25/2019 10:52	53.0	43.3	0.0	3.7	-1.2	-1.0	-35.6	130.1	38.5	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXEW1619	10/7/2019 12:59	58.5	40.4	0.0	1.1	-23.2	-23.1	-23.5	125.1	16.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1619	10/29/2019 11:30	59.0	39.5	0.2	1.3	-15.8	-15.9	-17.1	123.3	12.5	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1620	10/7/2019 12:55	43.2	36.7	0.1	20.0	-12.1	-9.1	-23.1	117.7	15.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1620	10/29/2019 11:34	59.3	40.6	0.1	0.0	-4.7	-7.1	-16.2	108.1	9.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1621	10/7/2019 13:07	47.0	43.3	0.0	9.7	-0.7	-0.6	-39.7	111.7	15.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1621	10/29/2019 10:35	53.5	46.5	0.0	0.0	-0.8	-1.2	-15.5	68.2	37.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1622	10/7/2019 13:04	48.0	38.0	2.4	11.6	-19.0	-18.5	-23.2	121.1	21.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1622	10/29/2019 11:25	50.2	37.3	3.3	9.2	-12.5	-12.5	-16.2	122.4	19.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1623	10/9/2019 11:27	62.0	36.6	0.1	1.3	-24.8	-25.0	-30.0	78.6	6.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1623	10/29/2019 12:00	57.1	36.3	1.0	5.6	-28.0	-28.0	-27.8	70.3	12.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1624	10/9/2019 11:15	58.4	38.3	0.9	2.4	-16.7	-16.7	-16.5	65.8	0.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1624	10/29/2019 11:54	58.4	36.3	1.0	4.3	-13.7	-13.3	-13.6	61.3	1.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1625	10/2/2019 13:21	43.3	30.7	4.8	21.2	-35.0	-35.3	-34.8	75.4	5.2	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	10/24/2019 13:37	40.7	30.9	4.9	23.5	-35.7	-35.7	-25.0	86.0	4.4	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1626	10/2/2019 13:15	56.9	43.0	0.1	0.0	-35.7	-35.5	-35.3	76.6	6.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1626	10/24/2019 13:41	59.0	40.9	0.1	0.0	-35.9	-35.6	-26.5	89.4	14.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1701	10/4/2019 11:57	54.0	46.0	0.0	0.0	-35.1	-34.9	-37.1	112.6	35.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1701	10/25/2019 13:08	56.3	42.1	0.0	1.6	-35.1	-34.9	-27.6	114.3	32.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	10/2/2019 14:34	56.4	43.6	0.0	0.0	-31.0	-30.9	-41.4	116.6	51.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	10/25/2019 10:19	56.0	44.0	0.0	0.0	-32.1	-32.1	-36.5	117.3	53.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	10/2/2019 14:40	57.1	41.0	0.0	1.9	-33.0	-33.1	-40.0	127.4	11.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	10/25/2019 10:24	56.2	43.8	0.0	0.0	-34.2	-33.7	-35.7	127.6	25.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	10/2/2019 14:19	56.5	43.4	0.1	0.0	-33.0	-32.9	-39.6	113.7	46.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	10/25/2019 9:59	58.2	41.8	0.0	0.0	-35.2	-35.3	-38.1	113.5	40.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1708	10/7/2019 12:43	5.8	4.4	17.8	72.0	-36.5	-33.1	-50.9	77.5	0.4	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1708	10/7/2019 12:55	4.7	2.3	18.4	74.6	-36.6	-36.6	-50.6	77.5	0.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1709	10/9/2019 11:22	60.3	39.7	0.0	0.0	-29.4	-29.4	-28.1	75.9	4.3	Valve Adjustment:"Valve 100% open,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1709	10/29/2019 12:03	63.5	35.4	0.0	1.1	-33.0	-33.0	-32.8	61.3	7.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1710	10/9/2019 11:42	55.8	44.0	0.0	0.2	-30.4	-29.4	-41.1	72.3	10.7	Valve Adjustment:"Opened valve > 1 turn";Well Condition:"";Well Repairs:""
OXEW1710	10/29/2019 12:11	25.1	23.5	12.3	39.1	-33.0	-32.9	-33.1	61.5	21.5	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEW1710	10/29/2019 12:14	24.1	22.3	11.6	42.0	-32.4	-32.1	-31.9	61.7	26.4	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEW1711A	10/2/2019 13:26	59.1	40.8	0.1	0.0	-35.2	-35.2	-34.8	77.7	13.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1711A	10/24/2019 13:47	58.6	41.4	0.0	0.0	-35.4	-35.4	-26.2	90.1	35.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1712A	10/2/2019 13:29	3.9	8.3	17.0	70.8	-35.5	-35.4	-35.0	83.7	6.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1712A	10/2/2019 13:30	3.0	8.2	19.1	69.7	-35.7	-35.3	-35.5	79.3	5.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1712A	10/24/2019 13:49	52.6	30.8	1.8	14.8	-18.0	-19.0	-26.1	84.9	134.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1713	10/9/2019 12:25	58.7	40.9	0.1	0.3	-28.5	-29.0	-26.4	69.6	5.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1713	10/24/2019 13:51	56.4	37.8	2.6	3.2	-35.7	-35.0	-23.9	88.0	12.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1714	10/2/2019 13:24	55.4	41.3	1.0	2.3	-35.4	-35.5	-34.9	81.9	2.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1714	10/24/2019 13:43	57.9	41.3	0.5	0.3	-35.7	-35.4	-26.2	88.5	5.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1715	10/1/2019 12:29	40.7	38.3	0.0	21.0	-2.0	-1.9	-45.6	102.4	8.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1715	10/24/2019 11:06	46.0	43.6	0.1	10.3	-1.5	-1.4	-43.4	100.9	7.2	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1716	10/1/2019 11:23	50.8	43.4	0.0	5.8	-33.4	-33.4	-41.6	97.5	5.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1716	10/24/2019 9:56	55.5	44.5	0.0	0.0	-33.9	-33.9	-40.4	94.5	4.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1717	10/1/2019 11:33	48.7	42.9	0.1	8.3	-41.1	-41.1	-43.2	115.7	71.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1717	10/24/2019 10:02	55.2	44.8	0.0	0.0	-38.5	-38.3	-40.3	115.5	63.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1801	10/4/2019 9:50	50.3	41.0	1.0	7.7	-22.8	-22.5	-38.7	124.5	62.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1801	10/25/2019 10:44	52.2	44.9	0.5	2.4	-22.3	-23.1	-34.6	124.9	53.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1802	10/2/2019 14:13	58.5	41.5	0.0	0.0	-32.0	-32.4	-36.7	104.2	12.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1802	10/25/2019 9:52	59.3	40.7	0.0	0.0	-33.4	-33.4	-33.6	110.8	7.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1803	10/2/2019 14:08	58.8	39.3	0.2	1.7	-35.0	-35.2	-39.0	81.5	7.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1803	10/25/2019 9:49	58.2	41.6	0.2	0.0	-36.2	-36.2	-35.9	82.0	12.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	10/4/2019 10:15	53.0	42.6	0.0	4.4	-36.8	-36.9	-39.2	118.8	15.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	10/25/2019 10:58	53.7	46.2	0.0	0.1	-35.4	-35.3	-34.8	122.2	34.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1805	10/4/2019 10:19	45.4	39.3	0.3	15.0	-19.1	-17.5	-39.5	121.6	17.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1805	10/25/2019 11:03	50.5	45.1	0.2	4.2	-12.3	-12.3	-39.4	124.0	16.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1806	10/4/2019 13:10	36.1	37.1	0.0	26.8	-1.4	-1.1	-41.9	120.7	12.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1806	10/29/2019 10:45	55.1	44.7	0.0	0.2	-0.5	-1.0	-38.0	121.5	18.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1807	10/2/2019 14:44	53.5	39.5	0.0	7.0	-11.6	-11.4	-29.0	125.1	29.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1807	10/25/2019 10:28	51.5	43.9	0.0	4.6	-13.0	-13.0	-20.6	125.6	22.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1808	10/2/2019 14:29	55.3	44.7	0.0	0.0	-4.9	-4.9	-12.0	109.2	18.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1808	10/25/2019 10:12	55.1	44.9	0.0	0.0	-4.7	-4.7	-9.1	110.1	21.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1809	10/2/2019 13:35	49.4	36.3	0.7	13.6	-22.0	-22.0	-35.4	116.4	24.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1809	10/25/2019 9:32	48.5	38.2	0.8	12.5	-21.3	-21.3	-35.8	117.3	17.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1810	10/1/2019 10:59	33.4	30.2	0.1	36.3	-32.0	-28.4	-41.2	73.2	3.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1810	10/22/2019 14:52	39.6	36.3	0.2	23.9	-14.7	-14.0	-29.8	82.6	2.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1811	10/4/2019 11:03	49.1	38.9	1.7	10.3	-31.1	-31.1	-38.5	82.8	168.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1811	10/25/2019 12:13	48.8	41.9	1.7	7.6	-29.1	-28.9	-39.7	102.4	163.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1812	10/4/2019 13:29	50.2	41.5	0.0	8.3	-13.3	-13.3	-41.4	127.0	20.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1812	10/29/2019 10:02	50.9	39.7	2.3	7.1	-10.0	-9.7	-33.8	124.0	21.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1813	10/2/2019 14:49	50.4	43.6	0.1	5.9	-16.3	-16.3	-29.5	123.8	2.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1813	10/25/2019 10:34	50.1	43.6	0.0	6.3	-18.0	-18.0	-21.8	122.5	8.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1814	10/9/2019 11:59	0.8	4.5	19.9	74.8	-31.8	-10.5	-26.7	71.6	9.8	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1814	10/9/2019 12:01	0.8	2.7	19.7	76.8	-12.9	-13.1	-27.7	73.0	2.3	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1814	10/29/2019 11:41	2.2	5.0	19.8	73.0	-36.6	-25.1	-36.3	63.1	21.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1814	10/29/2019 11:42	1.7	3.6	19.7	75.0	-13.0	-4.0	-36.7	62.6	18.7	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1815	10/4/2019 12:49	48.8	40.2	0.0	11.0	-14.0	-14.0	-42.8	126.3	26.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1815	10/29/2019 11:22	56.2	42.2	0.0	1.6	-11.5	-13.0	-38.8	127.4	19.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1816	10/2/2019 14:32	50.1	42.6	0.0	7.3	-22.3	-22.0	-42.4	111.0	59.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1816	10/25/2019 10:15	49.2	45.2	0.0	5.6	-23.3	-23.3	-35.7	111.6	40.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1817	10/11/2019 10:05	58.3	41.2	0.0	0.5	-4.9	-5.0	-5.7	98.1	16.6	Valve Adjustment:"No change due to temp threshold,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1817	10/29/2019 11:36	55.4	44.6	0.0	0.0	-3.9	-3.6	-4.1	98.1	15.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1818	10/9/2019 12:08	56.2	43.8	0.0	0.0	-22.9	-22.8	-29.8	100.0	32.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1818	10/29/2019 13:43	56.5	43.5	0.0	0.0	-26.0	-26.0	-35.6	99.5	47.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1819	10/9/2019 12:05	51.8	42.4	0.3	5.5	-17.5	-17.3	-32.0	99.3	34.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1819	10/29/2019 11:47	41.1	34.3	3.4	21.2	-21.7	-18.3	-41.8	99.7	33.7	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1820	10/9/2019 12:02	59.4	39.7	0.2	0.7	-31.1	-32.2	-28.6	99.5	8.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1820	10/29/2019 11:44	59.8	36.0	0.3	3.9	-37.1	-36.6	-36.9	99.1	25.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1821	10/1/2019 10:48	16.6	22.0	0.0	61.4	-27.4	-25.7	-41.9	68.9	4.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1821	10/22/2019 14:39	18.1	26.3	0.0	55.6	-22.8	-7.0	-50.6	78.4	4.1	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1822	10/1/2019 10:45	8.1	19.3	0.7	71.9	-38.8	-30.6	-41.7	69.4	1.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1822	10/22/2019 14:35	5.4	19.6	2.2	72.8	-8.1	-6.1	-45.6	93.7	0.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1823	10/1/2019 10:41	14.6	28.8	0.1	56.5	-0.1	-0.1	-41.5	69.8	0.1	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1823	10/22/2019 14:29	24.5	37.7	0.5	37.3	-0.1	-0.1	-51.3	91.6	0.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1824	10/1/2019 10:52	57.4	34.5	0.0	8.1	-41.1	-41.5	-41.2	70.0	6.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1824	10/22/2019 14:55	58.8	36.6	0.1	4.5	-39.7	-39.1	-29.3	90.0	2.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1825	10/1/2019 10:55	31.8	27.3	4.8	36.1	-2.2	-1.8	-41.2	70.7	0.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1825	10/22/2019 14:58	45.8	37.3	1.6	15.3	-0.6	-0.5	-30.1	94.3	0.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1826	10/7/2019 13:37	41.4	34.7	0.1	23.8	-4.2	-3.5	-48.9	92.8	8.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1826	10/29/2019 10:13	1.9	3.7	20.3	74.1	-1.5	-1.5	-34.6	58.1	0.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1826	10/29/2019 10:15	2.5	2.8	19.8	74.9	-1.5	-1.5	-34.2	58.5	0.2	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1901	10/7/2019 12:44	58.4	39.6	0.1	1.9	-20.9	-20.9	-21.4	93.9	1.7	Valve Adjustment:"Valve 100% open,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1901	10/29/2019 11:50	58.5	41.5	0.0	0.0	-14.2	-13.9	-14.2	76.5	7.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1902	10/2/2019 14:38	43.4	39.8	0.0	16.8	-2.4	-1.9	-42.3	91.4	20.1	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1902	10/25/2019 10:21	55.4	44.0	0.0	0.6	-1.1	-1.5	-36.6	88.9	6.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1904	10/2/2019 14:25	55.3	44.7	0.0	0.0	-12.3	-13.6	-43.4	117.0	79.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1904	10/25/2019 10:08	52.6	42.0	0.0	5.4	-15.8	-16.0	-43.6	114.3	87.0	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1906	10/2/2019 14:22	59.0	39.2	0.0	1.8	-11.1	-12.3	-41.1	105.3	31.0	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1906	10/25/2019 10:04	59.1	40.1	0.0	0.8	-13.9	-13.8	-35.4	103.8	32.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1908	10/9/2019 11:52	55.1	44.9	0.0	0.0	-10.6	-10.8	-21.8	99.9	92.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1908	10/29/2019 12:16	58.4	38.3	0.1	3.2	-14.7	-14.3	-29.1	98.8	97.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1909	10/11/2019 10:24	61.0	37.9	0.0	1.1	-32.2	-32.6	-34.6	97.3	27.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1909	10/29/2019 12:24	58.9	40.7	0.0	0.4	-29.1	-29.1	-29.8	96.8	22.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1910	10/2/2019 14:02	57.4	37.8	0.1	4.7	-10.5	-11.7	-43.2	109.4	93.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1910	10/29/2019 12:28	57.9	42.0	0.0	0.1	-12.7	-13.0	-34.2	108.1	88.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1911	10/4/2019 10:23	50.0	39.0	0.1	10.9	-7.1	-7.1	-41.7	128.8	19.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1911	10/25/2019 11:06	52.6	44.1	0.1	3.2	-5.7	-5.7	-35.0	130.3	18.1	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXEW1912	10/2/2019 13:43	48.4	41.6	0.0	10.0	-7.0	-7.0	-39.0	118.2	11.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1912	10/25/2019 9:40	48.5	39.0	0.0	12.5	-7.0	-7.0	-40.7	118.4	11.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1913	10/4/2019 13:36	54.3	43.5	0.0	2.2	-0.6	-1.0	-41.7	94.1	16.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1913	10/29/2019 10:09	42.5	38.9	0.0	18.6	-1.4	-1.2	-35.6	91.8	20.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1914	10/4/2019 10:39	57.2	42.5	0.0	0.3	-42.1	-42.1	-42.1	105.8	5.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1914	10/25/2019 11:57	55.6	44.4	0.0	0.0	-39.2	-39.2	-40.7	107.1	2.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1915	10/1/2019 11:46	36.4	36.8	0.0	26.8	-8.2	-6.5	-44.9	71.1	10.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1915	10/24/2019 10:14	47.5	45.7	0.0	6.8	-5.5	-4.8	-43.4	71.1	7.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1916	10/1/2019 13:36	47.7	43.8	0.2	8.3	-41.7	-41.8	-42.1	73.0	2.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1916	10/24/2019 11:26	47.4	43.0	1.6	8.0	-40.1	-40.1	-40.2	82.0	7.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1917	10/1/2019 14:00	50.7	43.5	0.2	5.6	-41.6	-42.1	-41.8	73.4	3.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1917	10/24/2019 11:36	51.9	48.0	0.1	0.0	-40.4	-40.4	-40.5	81.7	5.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1918	10/1/2019 11:03	55.8	38.1	0.0	6.1	0.0	-2.6	-40.8	71.2	1.2	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1918	10/1/2019 11:04	52.2	35.2	4.2	8.4	-3.2	-3.2	-40.9	73.2	6.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1918	10/22/2019 14:47	11.8	15.9	9.7	62.6	-3.4	-2.4	-28.7	88.2	9.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1918	10/22/2019 14:48	11.8	15.8	10.0	62.4	-1.6	-0.4	-29.2	88.9	1.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1919	10/1/2019 10:38	18.1	24.8	0.0	57.1	-11.2	-4.8	-41.5	77.2	2.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1919	10/22/2019 14:26	22.5	31.4	0.0	46.1	-6.0	-0.7	-47.3	88.3	2.2	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1920	10/1/2019 10:34	21.0	23.2	1.2	54.6	-0.4	-0.4	-40.9	71.1	1.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1920	10/22/2019 14:22	25.3	27.4	1.0	46.3	-0.7	-0.6	-50.3	96.8	10.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1921	10/1/2019 11:15	50.6	41.4	0.0	8.0	-34.1	-34.1	-42.8	109.6	26.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1921	10/22/2019 15:00	51.7	44.4	0.0	3.9	-32.7	-32.7	-29.5	111.2	24.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW326A	10/2/2019 13:17	59.4	40.5	0.0	0.1	-35.7	-35.2	-35.3	82.8	4.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW326A	10/24/2019 13:39	60.6	38.1	0.1	1.2	-35.9	-35.8	-26.1	91.0	3.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEWHC6A	10/1/2019 15:13	42.5	41.8	0.1	15.6	-0.1	-1.4	-44.7	83.1	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEWHC6A	10/29/2019 13:51	34.6	36.4	1.6	27.4	-0.5	-0.6	-38.4	73.9	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXHC1901	10/9/2019 11:47	53.5	46.5	0.0	0.0	-28.1	-25.0	-39.2	82.0	82.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXHC1901	10/29/2019 12:09	54.1	45.9	0.0	0.0	-30.0	-33.9	-30.9	81.1	90.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCR4A1	10/1/2019 12:35	0.2	0.1	20.7	79.0	-0.1	-0.1	-46.3	88.0	13.1	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A1	10/1/2019 12:36	0.2	0.2	20.1	79.5	-0.1	-0.1	-45.7	87.6	15.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A1	10/24/2019 10:51	0.4	3.3	20.8	75.5	-0.3	-0.2	-44.1	76.5	11.3	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A1	10/24/2019 10:52	0.2	1.8	20.6	77.4	-0.1	-0.1	-44.3	77.2	7.9	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A2	10/1/2019 12:38	0.3	0.4	20.7	78.6	-0.1	-0.1	-46.0	82.0	9.7	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A2	10/1/2019 12:39	0.1	0.1	20.5	79.3	-0.1	-0.1	-45.5	84.7	12.3	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXLCR4A2	10/24/2019 10:55	0.7	1.9	20.6	76.8	-0.1	-0.1	-44.2	79.7	10.9	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A2	10/24/2019 10:57	0.2	1.8	20.4	77.6	-0.2	-0.3	-44.5	81.0	13.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B1	10/1/2019 12:41	0.1	0.0	20.8	79.1	-0.1	-0.1	-45.6	76.6	14.7	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B1	10/1/2019 12:42	0.0	0.0	20.6	79.4	-0.2	-0.1	-46.8	84.6	16.7	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B1	10/24/2019 10:59	0.0	0.7	21.0	78.3	-0.1	-0.1	-43.4	82.9	6.4	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B1	10/24/2019 11:00	0.0	0.4	20.9	78.7	-0.2	-0.2	-43.7	85.1	9.4	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B2	10/1/2019 12:44	0.0	0.0	20.9	79.1	-0.1	-0.1	-45.9	71.8	2.4	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B2	10/1/2019 12:44	0.0	0.0	20.8	79.2	-0.1	-0.1	-45.7	76.6	2.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B2	10/24/2019 11:02	0.0	0.2	21.0	78.8	-0.1	-0.1	-43.8	82.9	3.1	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B2	10/24/2019 11:04	0.0	0.2	20.7	79.1	-0.1	-0.1	-43.1	84.6	3.4	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCRS01	10/1/2019 14:39	0.0	0.0	21.0	79.0	-0.8	-0.6	-41.4	77.4		Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCRS01	10/1/2019 14:40	0.0	0.1	20.8	79.1	-0.1	-0.1	-41.4	78.6		Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCRS01	10/7/2019 11:30	6.2	3.0	17.8	73.0	-41.1	-40.8	-41.0	98.2		Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCRS01	10/7/2019 11:31	6.1	2.9	17.5	73.5	-41.0	-41.1	-41.0	92.4		Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCRS01	10/9/2019 14:30	4.4	6.0	17.5	72.1	-35.9	-35.4	-25.8	87.8		Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCRS01	10/9/2019 14:32	4.5	4.8	17.4	73.3	-35.4	-35.4	-25.4	87.8		Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCRS07	10/9/2019 12:15	57.2	42.8	0.0	0.0	-6.7	-6.5	-30.1	80.4	38.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS07	10/24/2019 13:58	57.0	37.1	1.2	4.7	-7.6	-7.7	-28.2	82.4	40.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3A	10/11/2019 12:24	59.3	40.7	0.0	0.0	-35.8	-36.0	-37.1	92.7	72.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3A	10/11/2019 14:04	57.4	42.5	0.1	0.0	-28.7	-30.1	-34.6	96.4	144.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXLCRS3A	10/11/2019 14:24	58.8	40.4	0.1	0.7	-32.0	-29.5	-35.4	96.1	126.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3A	10/29/2019 10:22	58.2	41.8	0.0	0.0	-27.6	-28.6	-32.3	92.7	102.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3B	10/11/2019 12:26	57.9	42.1	0.0	0.0	-36.0	-35.7	-37.2	93.9	73.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3B	10/11/2019 13:35	58.1	41.9	0.0	0.0	-32.6	-31.8	-36.7	99.0	121.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3B	10/29/2019 10:20	58.4	41.6	0.0	0.0	-22.1	-27.6	-30.0	93.2	153.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS7B	10/9/2019 12:16	57.3	42.7	0.0	0.0	-6.8	-6.5	-29.1	80.2	36.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS7B	10/24/2019 14:00	57.2	38.5	1.2	3.1	-7.3	-7.4	-27.0	80.8	38.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME302D	10/4/2019 9:44	59.4	40.6	0.0	0.0	0.6	-0.2	-40.6	103.8	0.0	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXME302D	10/4/2019 9:45	59.0	41.0	0.0	0.0	-0.4	-0.3	-40.4	103.8	65.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME302D	10/29/2019 11:19	59.0	39.7	0.0	1.3	2.4	2.4	-37.3	100.9	0.0	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXME302D	10/29/2019 11:20	58.3	41.7	0.0	0.0	2.4	2.3	-37.5	101.3	0.0	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXME305D	10/4/2019 12:56	55.8	44.2	0.0	0.0	-6.6	-3.5	-40.6	136.2	9.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXME305D	10/4/2019 12:57	58.7	40.6	0.0	0.7	-3.2	-3.1	-41.0	129.9	3.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXME305D	10/29/2019 11:28	56.9	43.1	0.0	0.0	-4.4	-4.6	-36.5	128.7	26.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME306D	10/7/2019 12:26	56.7	38.0	0.6	4.7	-27.9	-28.0	-40.4	127.6	28.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXME306D	10/29/2019 12:04	58.4	39.6	0.4	1.6	-23.0	-23.0	-35.4	126.3	22.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXME308D	10/4/2019 11:50	48.8	42.1	0.1	9.0	-27.8	-27.3	-41.3	107.8	10.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXME308D	10/25/2019 12:59	47.4	40.8	0.1	11.7	-21.4	-20.7	-30.1	125.6	10.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXME312D	10/4/2019 11:39	31.3	37.6	0.0	31.1	-3.2	-3.0	-19.1	117.7	15.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME312D	10/25/2019 12:46	39.0	39.2	0.0	21.8	-2.2	-2.0	-14.0	112.1	29.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME316D	10/4/2019 10:57	56.8	43.2	0.0	0.0	-35.7	-35.8	-36.6	124.2	65.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME316D	10/25/2019 12:06	57.3	42.6	0.1	0.0	-34.2	-34.2	-36.1	125.2	60.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME317D	10/4/2019 11:00	55.6	44.4	0.0	0.0	-38.1	-38.2	-38.4	98.2	12.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME317D	10/25/2019 12:11	56.7	43.3	0.0	0.0	-36.5	-36.4	-39.2	102.4	28.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW113	10/7/2019 13:57	47.9	38.4	2.5	11.2	-1.4	-1.4	-51.1	95.7	14.9	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW113	10/29/2019 12:57	52.2	40.7	0.1	7.0	-1.0	-4.3	-32.8	88.2	10.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW122	10/1/2019 14:44	52.2	42.1	0.2	5.5	-41.1	-41.1	-41.5	79.2	13.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW122	10/29/2019 12:52	57.3	40.3	1.0	1.4	-37.3	-37.1	-37.3	78.3	11.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW126	10/9/2019 10:51	55.3	44.7	0.0	0.0	-28.2	-28.2	-28.6	71.1	14.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW126	10/29/2019 13:29	60.9	38.1	0.1	0.9	-33.0	-33.0	-32.8	71.6	11.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW138	10/7/2019 14:22	44.3	39.1	0.1	16.5	-2.1	-2.1	-50.7	92.1	2.9	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW138	10/29/2019 10:16	58.6	41.4	0.0	0.0	-1.5	-1.8	-30.8	87.8	0.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW145	10/7/2019 13:53	54.1	42.6	0.3	3.0	-39.1	-40.4	-50.6	98.6	7.6	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW145	10/29/2019 13:09	54.9	44.8	0.2	0.1	-33.7	-33.1	-33.9	97.9	7.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	10/1/2019 11:50	49.7	44.5	0.0	5.8	-42.6	-43.2	-43.2	69.6	13.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW156	10/24/2019 10:11	54.7	44.8	0.0	0.5	-18.1	-19.2	-17.1	74.5	34.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW158	10/9/2019 10:58	52.3	47.7	0.0	0.0	-21.1	-28.1	-32.8	73.8	37.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW158	10/29/2019 13:22	54.1	44.9	0.0	1.0	-32.0	-33.1	-33.2	71.6	25.4	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW159	10/9/2019 10:55	52.3	45.2	0.0	2.5	-22.1	-26.6	-29.8	72.7	11.4	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW159	10/29/2019 13:19	56.3	41.4	0.0	2.3	-30.0	-33.1	-33.4	72.1	26.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW162	10/4/2019 9:37	60.4	37.9	0.0	1.7	21.9	-2.9	-36.4	72.5	14.2	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW162	10/4/2019 9:38	59.9	39.2	0.2	0.7	-4.5	-12.5	-36.0	75.4	14.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW162	10/7/2019 10:47	61.1	37.1	0.8	1.0	-37.4	-37.4	-37.3	88.2	13.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW162	10/29/2019 9:50	47.9	30.6	3.9	17.6	-29.0	-24.9	-31.2	63.0	9.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW164	10/7/2019 11:01	0.6	0.2	19.8	79.4	-22.2	-38.4	-38.5	86.0	11.2	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW164	10/7/2019 11:03	10.6	4.7	17.0	67.7	-38.7	-30.0	-38.9	87.1	8.1	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW164	10/24/2019 14:08	42.6	26.3	1.1	30.0	-0.7	-0.8	-21.5	93.2	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW164	10/29/2019 9:38	3.6	10.2	17.1	69.1	-0.4	-30.6	-32.0	64.4	7.0	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW164	10/29/2019 9:40	2.7	4.6	18.6	74.1	-31.3	-24.5	-31.5	62.2	10.2	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW170	10/1/2019 11:12	41.3	27.8	3.1	27.8	-41.1	-39.1	-41.5	67.1	11.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW170	10/22/2019 14:44	44.2	31.1	0.4	24.3	-39.7	-35.3	-51.5	85.8	30.2	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW173	10/1/2019 11:29	46.0	41.6	0.0	12.4	-9.6	-7.9	-40.9	118.0	82.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW173	10/24/2019 9:54	55.6	44.4	0.0	0.0	-6.2	-7.8	-41.8	119.1	52.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW174	10/1/2019 11:43	31.4	33.1	1.2	34.3	-33.7	-32.7	-33.7	84.6	32.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW174	10/24/2019 10:06	42.9	41.0	0.3	15.8	-16.4	-9.8	-15.6	82.2	29.4	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW175	10/1/2019 11:37	24.0	32.0	0.2	43.8	-43.2	-35.8	-45.5	92.8	36.5	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW175	10/24/2019 10:28	35.9	37.6	0.0	26.5	-25.3	-19.1	-43.7	90.7	25.7	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW176	10/1/2019 12:15	45.1	38.8	0.3	15.8	-11.6	-10.2	-41.3	113.9	47.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW176	10/24/2019 11:09	52.8	42.9	0.4	3.9	-6.7	-9.1	-41.8	113.2	42.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW181	10/4/2019 13:32	56.1	41.5	0.0	2.4	-40.7	-40.2	-41.3	113.5	37.8	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW181	10/29/2019 10:05	50.9	40.1	0.1	8.9	-30.0	-30.4	-33.4	115.2	71.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW182	10/4/2019 11:09	53.4	46.0	0.0	0.6	-29.4	-29.4	-39.0	119.8	174.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW182	10/25/2019 12:20	55.3	42.8	0.0	1.9	-27.2	-27.2	-39.5	121.6	175.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW183	10/4/2019 13:26	50.1	41.4	0.0	8.5	-6.0	-6.0	-39.2	120.9	56.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW183	10/29/2019 9:57	54.9	45.1	0.0	0.0	-4.7	-7.0	-31.7	120.2	53.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW184	10/7/2019 13:31	44.2	39.6	0.0	16.2	-0.8	-0.5	-50.0	125.8	31.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW184	10/29/2019 10:25	54.7	45.3	0.0	0.0	-0.1	-0.6	-33.6	129.2	37.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW185	10/7/2019 13:27	40.3	35.1	0.1	24.5	-1.1	-0.7	-51.2	117.7	19.7	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW185	10/29/2019 10:28	55.5	44.4	0.1	0.0	-0.3	-0.9	-33.2	108.3	29.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW186	10/4/2019 11:28	36.6	35.2	4.9	23.3	-2.2	-2.2	-19.8	95.4	3.9	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW186	10/25/2019 12:38	41.9	35.5	4.0	18.6	-1.0	-0.9	-16.4	101.3	12.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW187	10/4/2019 13:20	25.8	37.1	0.4	36.7	-6.6	-4.8	-20.3	119.3	36.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW187	10/29/2019 9:51	53.2	45.0	0.2	1.6	-2.4	-3.2	-14.1	115.0	40.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW188	10/7/2019 13:02	41.4	36.2	0.0	22.4	-1.3	-1.1	-36.6	115.7	23.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW188	10/29/2019 10:38	54.1	45.9	0.0	0.0	-1.0	-1.5	-13.7	111.7	56.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW189	10/7/2019 12:58	46.2	37.8	0.2	15.8	-3.4	-2.4	-36.7	123.1	30.4	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW189	10/29/2019 10:41	55.3	44.7	0.0	0.0	-1.3	-2.4	-13.1	115.9	28.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW190	10/4/2019 11:42	52.1	41.0	0.0	6.9	-14.5	-14.5	-18.6	124.0	49.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW190	10/25/2019 12:52	51.7	40.8	0.4	7.1	-14.7	-14.7	-15.0	125.4	52.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW191	10/1/2019 11:26	43.3	41.0	0.0	15.7	-10.3	-8.5	-45.2	128.7	42.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW191	10/24/2019 10:00	54.9	44.0	0.2	0.9	-1.6	-1.5	-43.4	129.6	36.3	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXMEW192	10/1/2019 12:00	43.4	41.1	0.0	15.5	-41.8	-39.7	-42.9	109.0	54.7	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW192	10/24/2019 10:42	42.2	41.9	0.0	15.9	-44.2	-41.3	-45.7	110.1	195.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW194	10/7/2019 13:34	51.3	39.4	0.1	9.2	-5.5	-5.7	-49.4	88.9	14.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW194	10/29/2019 10:18	58.3	41.3	0.2	0.2	-2.5	-5.7	-35.2	79.3	24.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW196	10/4/2019 11:14	45.8	44.6	0.0	9.6	-18.5	-16.1	-39.0	118.0	111.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW196	10/29/2019 14:43	37.3	40.8	1.6	20.3	-1.8	-0.5	-30.9	118.0	0.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW199	10/4/2019 11:24	42.8	39.6	0.0	17.6	-14.5	-13.1	-18.3	122.0	60.7	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW199	10/25/2019 12:35	49.5	41.0	0.0	9.5	-11.4	-11.1	-19.3	122.7	62.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW200	10/4/2019 13:23	39.6	37.0	0.0	23.4	-1.6	-1.3	-40.3	118.4	18.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW200	10/29/2019 9:54	55.0	43.8	0.0	1.2	-0.1	-1.4	-33.0	112.5	0.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW201	10/7/2019 13:10	30.8	34.8	0.0	34.4	-1.7	-1.0	-52.3	118.2	25.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW201	10/29/2019 10:32	54.5	45.0	0.0	0.5	-0.5	-1.5	-32.2	104.2	21.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW203	10/7/2019 13:12	35.6	31.4	0.0	33.0	-29.7	-28.6	-40.9	91.8	2.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW203	10/29/2019 10:44	58.7	36.2	0.4	4.7	-20.8	-22.6	-33.5	85.6	9.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW204	10/7/2019 13:08	42.1	34.9	0.1	22.9	-14.8	-9.1	-38.2	108.1	6.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW204	10/29/2019 11:19	59.4	39.2	0.0	1.4	-5.8	-22.6	-29.0	100.6	6.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW205	10/4/2019 13:16	30.1	38.8	0.0	31.1	-0.7	-0.3	-20.1	136.2	19.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW205	10/4/2019 13:17	29.9	35.0	0.0	35.1	-0.3	-0.3	-20.4	128.5	11.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW205	10/29/2019 9:42	13.7	13.0	15.9	57.4	0.3	-0.2	-12.5	94.3	14.7	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW205	10/29/2019 9:48	33.8	31.9	4.9	29.4	-2.4	-2.6	-13.9	130.3	59.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW209	10/4/2019 13:06	55.8	44.2	0.0	0.0	-6.6	-5.6	-41.8	133.2	7.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW209	10/4/2019 13:09	58.1	41.9	0.0	0.0	-5.4	-5.5	-41.7	130.1	10.5	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXMEW209	10/29/2019 11:32	55.9	44.1	0.0	0.0	-2.4	-2.6	-37.0	122.9	7.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW210	10/7/2019 12:30	51.6	38.4	0.5	9.5	-38.4	-38.4	-39.2	124.2	21.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW210	10/29/2019 12:13	58.3	40.0	0.6	1.1	-35.8	-37.1	-35.2	123.6	36.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW300	10/4/2019 12:43	59.9	40.0	0.1	0.0	-40.1	-40.0	-41.0	108.5	20.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW300	10/29/2019 11:12	60.0	39.9	0.1	0.0	-36.0	-35.7	-36.7	108.1	18.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW301	10/4/2019 12:40	49.2	35.1	2.6	13.1	-11.6	-11.3	-41.2	98.6	4.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW301	10/29/2019 11:10	48.9	33.4	3.5	14.2	-7.3	-6.6	-37.3	90.0	10.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW302	10/4/2019 12:47	35.7	32.9	0.0	31.4	-24.0	-21.6	-41.0	113.0	37.4	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW302	10/29/2019 11:16	55.1	40.4	0.0	4.5	-18.4	-23.3	-36.7	111.4	34.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW303	10/7/2019 12:08	60.8	38.6	0.4	0.2	-41.1	-41.1	-41.1	95.7	12.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW303	10/29/2019 11:57	59.8	40.0	0.2	0.0	-36.7	-36.4	-36.8	80.1	7.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW305	10/4/2019 12:52	51.2	36.8	0.0	12.0	-12.3	-12.6	-40.5	118.4	6.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW305	10/29/2019 11:25	51.9	42.3	0.0	5.8	-10.5	-10.3	-37.3	116.2	10.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW306	10/7/2019 12:24	46.1	34.1	0.1	19.7	-1.6	-1.4	-40.2	117.7	15.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW306	10/29/2019 12:08	60.1	39.8	0.0	0.1	-1.1	-5.1	-35.2	113.0	12.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW307	10/7/2019 13:44	35.2	26.0	7.5	31.3	-40.4	-39.5	-51.7	96.4	11.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW307	10/7/2019 13:45	34.9	26.1	7.8	31.2	-40.0	-9.1	-51.5	96.4	14.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW307	10/29/2019 13:15	55.1	39.3	0.8	4.8	-32.4	-32.4	-33.2	93.0	5.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW308	10/4/2019 11:46	45.5	41.4	0.0	13.1	-26.1	-24.1	-40.4	120.7	44.9	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW308	10/25/2019 12:57	45.5	40.7	0.0	13.8	-27.4	-24.5	-31.8	118.9	33.3	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW309	10/4/2019 13:01	49.7	38.7	0.0	11.6	-23.1	-22.9	-42.4	126.3	59.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW309	10/29/2019 10:50	54.3	43.2	0.0	2.5	-18.3	-20.3	-36.9	126.1	56.2	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW310	10/4/2019 11:20	42.2	40.2	0.0	17.6	-9.8	-8.5	-18.3	118.2	33.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW310	10/25/2019 12:27	44.2	42.0	0.0	13.8	-7.7	-6.7	-16.9	119.8	42.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW311	10/7/2019 12:49	58.2	41.6	0.2	0.0	-10.1	-15.2	-39.0	120.2	33.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW311	10/29/2019 11:44	59.0	40.1	0.2	0.7	-16.8	-18.8	-30.8	120.0	35.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW312	10/4/2019 11:36	49.1	44.7	0.0	6.2	-6.1	-6.2	-19.6	108.1	164.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW312	10/25/2019 12:44	48.4	43.2	0.0	8.4	-6.4	-6.1	-16.3	109.0	167.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW313	10/1/2019 12:18	42.3	37.5	1.5	18.7	-7.1	-5.8	-44.6	76.1	25.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW313	10/24/2019 11:12	57.1	42.8	0.0	0.1	-14.3	-13.0	-42.5	76.8	39.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW314	10/1/2019 12:47	38.3	37.0	0.1	24.6	-39.9	-36.4	-45.5	79.2	13.4	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW314	10/24/2019 10:49	47.9	44.3	0.0	7.8	-24.2	-23.7	-43.9	78.6	28.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW315	10/4/2019 11:54	50.0	45.5	0.1	4.4	-24.2	-24.3	-42.0	118.9	11.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW315	10/25/2019 13:05	54.9	41.9	0.3	2.9	-23.5	-24.6	-31.3	120.2	10.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW316	10/4/2019 10:55	59.0	41.0	0.0	0.0	-35.8	-35.8	-37.1	109.2	12.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW316	10/25/2019 12:04	58.1	41.9	0.0	0.0	-34.2	-34.2	-35.6	112.6	23.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW317	10/4/2019 10:59	56.0	41.7	0.0	2.3	-37.5	-37.5	-38.4	109.9	32.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW317	10/25/2019 12:09	56.4	43.0	0.0	0.6	-35.9	-36.2	-38.4	111.2	38.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW318	10/4/2019 11:06	48.8	40.7	0.0	10.5	-2.5	-2.5	-38.8	113.4	20.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW318	10/25/2019 12:16	52.3	39.4	0.0	8.3	-2.3	-4.3	-39.7	114.6	29.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW319	10/4/2019 11:17	43.0	39.3	0.0	17.7	-20.5	-17.8	-37.7	111.2	115.6	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW319	10/25/2019 12:24	50.8	40.9	0.0	8.3	-14.7	-14.7	-28.7	111.9	70.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW320	10/2/2019 14:57	57.4	41.6	0.0	1.0	-18.3	-18.3	-20.3	125.2	15.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW320	10/25/2019 10:30	57.2	42.8	0.0	0.0	-20.7	-20.7	-20.7	125.6	27.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW321	10/2/2019 14:16	47.4	36.7	1.9	14.0	-10.3	-8.7	-23.6	113.9	49.9	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW321	10/25/2019 9:56	46.9	36.5	2.2	14.4	-8.8	-6.0	-22.1	114.3	43.3	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW322	10/4/2019 10:52	55.2	44.8	0.0	0.0	-10.8	-11.2	-40.9	120.6	18.3	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW322	10/25/2019 12:00	56.3	43.7	0.0	0.0	-10.3	-10.5	-40.7	121.3	14.9	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW323	10/4/2019 10:34	56.6	43.1	0.0	0.3	-37.8	-37.5	-37.7	115.3	23.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW323	10/25/2019 11:15	54.2	45.8	0.0	0.0	-35.4	-35.4	-34.1	119.5	29.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW325	10/11/2019 10:16	59.9	39.7	0.4	0.0	-36.6	-36.2	-36.5	72.0	10.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW325	10/29/2019 12:19	58.8	41.2	0.0	0.0	-31.4	-31.5	-31.7	63.7	6.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW328	10/2/2019 13:47	56.4	43.6	0.0	0.0	-29.4	-34.4	-28.1	111.1	63.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW328	10/25/2019 9:43	59.1	40.9	0.0	0.0	-36.1	-35.0	-36.5	108.0	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWHC1	10/9/2019 10:46	55.5	44.5	0.0	0.0	22.7	22.5	21.4	76.3		Valve Adjustment:"NSPS/CAI,No change";Well Condition:"Header vacuum loss";Well Repairs:""
OXMEWHC1	10/9/2019 10:48	55.4	44.6	0.0	0.0	22.4	21.6	21.9	76.3		Valve Adjustment:"NSPS/CAI,No change";Well Condition:"Header vacuum loss";Well Repairs:""
OXMEWHC1	10/22/2019 13:35	51.1	47.0	0.1	1.8	-37.9	-38.0	-38.0	86.0		Valve Adjustment:"No change,Valve at optimum position,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW05	10/1/2019 13:54	49.4	45.6	0.1	4.9	-45.1	-43.4	-44.9	118.2	33.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW05	10/24/2019 11:41	50.4	49.6	0.0	0.0	-43.1	-42.4	-43.0	118.4	24.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW06	10/1/2019 13:51	48.7	45.3	0.1	5.9	-45.2	-45.3	-45.5	93.2	5.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW06	10/24/2019 11:39	53.3	46.7	0.0	0.0	-42.7	-42.7	-42.8	95.5	21.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW08	10/1/2019 12:04	30.0	25.6	9.9	34.5	-4.3	-4.2	-43.5	81.5	11.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW08	10/1/2019 12:05	20.7	17.8	12.3	49.2	-4.2	-4.2	-44.7	82.6	5.6	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXMEWW08	10/11/2019 10:55	27.5	23.7	10.8	38.0	-3.3	-3.6	-24.0	72.1	1.7	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEWW08	10/11/2019 10:56	54.5	41.1	0.5	3.9	-4.2	-4.2	-17.7	89.1	80.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW08	10/29/2019 14:30	18.5	13.4	13.7	54.4	-3.0	-2.9	-17.4	116.1	70.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW08	10/29/2019 14:31	18.5	15.6	13.8	52.1	-2.6	-2.4	-19.2	111.0	8.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEWW15	10/1/2019 12:23	51.8	42.7	0.0	5.5	-44.8	-44.8	-45.0	72.5	12.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW15	10/24/2019 11:16	56.1	43.9	0.0	0.0	-42.4	-42.4	-42.3	78.8	26.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW16	10/1/2019 13:57	49.7	43.2	0.3	6.8	-38.1	-38.5	-38.3	75.0	32.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW16	10/29/2019 14:36	55.7	44.1	0.2	0.0	-33.9	-33.4	-33.9	87.1	35.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	10/2/2019 13:12	52.7	42.0	0.4	4.9	-34.7	-35.7	-37.8	75.7	24.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	10/24/2019 12:14	50.8	48.3	0.7	0.2	-38.4	-38.4	-51.2	82.0	21.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW18	10/2/2019 13:08	55.4	44.6	0.0	0.0	-37.4	-37.0	-39.1	73.0	13.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW18	10/24/2019 13:32	56.3	43.7	0.0	0.0	-33.1	-34.3	-24.8	79.2	0.0	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEWW1G	10/2/2019 12:43	48.8	39.8	0.1	11.3	-39.0	-39.0	-40.0	71.4	31.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW1G	10/24/2019 11:52	46.0	46.2	0.0	7.8	-38.7	-38.4	-40.9	72.5	38.8	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEWW1I	10/2/2019 12:46	54.9	38.3	0.0	6.8	-40.7	-40.4	-41.4	70.3	11.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1I	10/24/2019 11:55	52.7	46.7	0.0	0.6	-40.1	-40.1	-40.1	74.8	7.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1J	10/2/2019 12:49	45.1	43.4	1.0	10.5	-36.7	-33.4	-40.1	82.8	53.1	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEWW1J	10/24/2019 11:58	44.0	45.5	1.3	9.2	-30.7	-27.7	-40.7	83.8	57.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW1K	10/2/2019 12:52	49.0	46.6	0.1	4.3	-43.4	-43.4	-43.1	76.6	11.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW1K	10/24/2019 12:01	47.8	45.6	0.1	6.5	-42.7	-42.3	-42.8	79.7	19.5	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEWW1S	10/2/2019 12:58	54.1	45.9	0.0	0.0	-38.0	-38.0	-38.6	68.0	12.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1S	10/24/2019 12:07	53.9	46.1	0.0	0.0	-38.1	-38.1	-38.4	69.1	14.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW26	10/2/2019 13:06	58.1	37.5	0.1	4.3	-39.7	-39.7	-39.7	71.4	8.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW26	10/24/2019 13:34	57.3	42.6	0.1	0.0	-35.9	-35.7	-25.0	82.9	11.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	10/2/2019 12:28	55.9	41.4	0.0	2.7	-37.8	-39.5	-38.2	78.6	0.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	10/25/2019 13:17	55.5	44.4	0.1	0.0	-39.1	-39.4	-30.6	93.9	0.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	10/11/2019 9:56	58.3	41.7	0.0	0.0	-39.0	-39.1	-43.5	66.0	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	10/25/2019 13:19	52.0	45.0	0.1	2.9	-43.4	-43.4	-32.2	93.7	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	10/11/2019 9:52	53.4	36.9	2.2	7.5	-43.5	-43.3	-43.5	62.8	15.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	10/25/2019 13:22	52.9	46.8	0.3	0.0	-43.7	-44.0	-33.0	92.3	12.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMNEW1D	10/1/2019 13:33	50.5	43.2	0.0	6.3	-27.8	-28.5	-42.2	71.2	11.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMNEW1D	10/24/2019 11:31	53.2	46.8	0.0	0.0	-26.3	-26.4	-40.1	72.9	11.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW30	10/9/2019 11:07	52.7	43.3	0.4	3.6	-28.1	-27.8	-26.4	70.5		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW30	10/29/2019 13:33	13.5	30.1	1.3	55.1	-33.4	-33.4	-33.6	72.0		Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMP EW31	10/1/2019 13:42	49.8	44.3	0.1	5.8	-44.7	-44.2	-45.1	88.5	5.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMP EW31	10/24/2019 11:34	52.8	47.2	0.0	0.0	-42.4	-42.7	-42.8	88.9	6.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMPEW32	10/1/2019 11:53	49.7	44.2	0.0	6.1	-41.8	-41.6	-45.9	78.6	92.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMPEW32	10/24/2019 10:32	53.3	46.7	0.0	0.0	-39.4	-38.9	-43.4	77.5	105.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMPEW33	10/1/2019 11:56	49.2	40.9	0.0	9.9	-8.2	-7.9	-44.5	89.6	12.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMPEW33	10/29/2019 14:51	58.1	40.0	0.0	1.9	-7.3	-9.0	-39.9	85.8	11.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMPEW35	10/1/2019 13:48	49.8	43.7	0.2	6.3	-43.0	-42.8	-43.8	126.3	46.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMPEW35	10/24/2019 11:47	52.8	47.1	0.1	0.0	-40.9	-40.7	-41.9	127.0	47.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW36	10/1/2019 13:45	51.1	44.0	0.0	4.9	-45.2	-44.5	-45.1	78.4	7.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMPEW36	10/24/2019 11:44	53.6	46.4	0.0	0.0	-42.1	-42.4	-42.1	82.9	4.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW42	10/1/2019 12:20	50.2	43.6	0.0	6.2	-45.6	-45.6	-45.5	75.6	16.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMPEW42	10/24/2019 11:14	54.5	45.5	0.0	0.0	-42.6	-42.7	-42.3	77.5	23.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW44	10/2/2019 13:02	54.2	45.7	0.1	0.0	-38.4	-38.7	-38.7	78.8	9.8	Valve Adjustment:"Valve 100% open,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMPEW44	10/24/2019 12:10	52.6	47.3	0.1	0.0	-38.4	-38.6	-50.2	80.6	19.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	10/1/2019 12:26	50.7	42.4	0.0	6.9	-44.2	-44.2	-44.5	66.0	0.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMPEW46	10/24/2019 11:20	55.6	44.4	0.0	0.0	-41.7	-41.7	-42.0	86.2	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW50	10/1/2019 12:51	47.3	41.8	0.1	10.8	-27.9	-38.8	-29.5	94.1	88.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMPEW50	10/24/2019 10:45	52.3	44.2	0.1	3.4	-38.6	-40.4	-39.2	94.3	69.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXPEW30A	10/1/2019 13:39	49.9	43.6	0.1	6.4	-45.2	-44.8	-45.1	72.9	15.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXPEW30A	10/24/2019 11:28	54.9	44.7	0.1	0.3	-42.4	-42.7	-42.8	80.4	12.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Bold Italics = HOV approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions recorded by GEM.

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. wc. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

≤15% Oxygen HOV Condition Application Number 10164 part 18(b)(i)

OXMEEW17 and OXMHC06

≤15% Oxygen LTCO Condition Application Number 10164 part 18(d)(i)

OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS13, OMTLTS14, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, and OMTLTS20.

**OX MOUNTAIN LANDFILL**

Wellfield Monitoring Report - November 1, 4, 8, 12, 13, 14, 19, 20, 21, 22, and 23, 2019

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMLEW101	11/14/2019 13:04	49.4	45.5	2.1	3.0	-0.8	-0.6	-36.4	75.6	0.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLEW101	11/20/2019 12:28	50.2	45.7	1.9	2.2	-0.6	-0.6	-38.6	77.4	51.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLEW104	11/14/2019 10:48	45.6	43.2	0.0	11.2	-23.7	-21.0	-36.1	87.4	48.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMLEW104	11/22/2019 10:54	47.4	39.9	1.6	11.1	-16.2	-15.5	-37.0	85.3	43.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLEW104	11/22/2019 10:55	47.4	38.6	1.5	12.5	-14.8	-14.8	-37.4	84.6	35.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLEW107	11/14/2019 10:50	57.8	42.2	0.0	0.0	-35.7	-35.7	-36.0	72.5	24.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OMLEW107	11/22/2019 10:57	60.8	38.7	0.0	0.5	-36.7	-36.7	-36.7	72.9	16.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OMLFEW59	11/12/2019 12:42	52.8	44.0	0.0	3.2	-2.6	-2.8	-33.1	114.8	248.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW59	11/20/2019 10:25	49.1	42.5	0.0	8.4	-2.8	-2.8	-35.0	114.4	255.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLFEW72	11/14/2019 10:36	42.3	36.7	0.0	21.0	-1.5	-0.7	-35.6	60.4		Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW72	11/22/2019 10:44	48.6	38.5	0.0	12.9	-1.0	-1.0	-36.8	70.3		Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLFEW99	11/12/2019 13:18	40.1	38.5	1.4	20.0	-0.4	-0.4	-45.0	75.4	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMLFEW99	11/20/2019 11:19	44.1	43.6	0.0	12.3	-19.8	-14.3	-37.3	94.5	328.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMLFEW99	11/20/2019 11:22	42.7	43.2	0.1	14.0	-14.1	-14.0	-37.6	94.3	279.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	11/14/2019 10:19	23.3	26.5	4.7	45.5	-0.8	-0.3	-25.4	95.4	20.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	11/22/2019 11:17	20.0	22.6	7.1	50.3	-0.2	-3.8	-35.2	87.6	30.8	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	11/22/2019 11:19	20.6	22.1	6.7	50.6	-3.8	-0.1	-8.1	92.7	71.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
<b>OMTLTS02</b>	11/14/2019 10:22	34.4	32.7	0.7	32.2	-0.5	-0.4	-30.5	78.8	20.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
<b>OMTLTS02</b>	11/22/2019 11:22	28.0	28.2	1.0	42.8	-0.4	-0.4	-36.4	78.1	18.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OMTLTS03</b>	11/14/2019 10:25	29.7	32.8	0.0	37.5	-0.7	-0.6	-34.5	78.8	20.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
<b>OMTLTS03</b>	11/22/2019 11:25	29.0	30.7	0.1	40.2	-0.5	-0.5	-35.7	79.9	18.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OMTLTS04</b>	11/8/2019 9:59	11.2	27.8	0.0	61.0	-0.6	-0.6	-33.2	86.0	41.8	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS04</b>	11/22/2019 14:04	20.4	30.4	0.0	49.2	-0.3	-0.3	-37.5	90.7	44.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OMTLTS05</b>	11/8/2019 10:02	23.4	28.9	1.5	46.2	-0.8	-0.6	-23.9	96.3	29.9	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
<b>OMTLTS05</b>	11/22/2019 14:02	50.7	34.7	0.1	14.5	-0.4	-0.4	-24.9	101.1	36.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OMTLTS06</b>	11/8/2019 10:06	6.2	10.2	13.4	70.2	-0.7	-0.6	-24.6	102.9	12.0	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
<b>OMTLTS06</b>	11/8/2019 10:07	9.0	11.3	12.8	66.9	-0.7	-0.6	-19.6	98.2	29.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
<b>OMTLTS06</b>	11/22/2019 13:57	13.3	16.2	9.7	60.8	-0.3	-2.7	-32.8	92.5	37.2	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
<b>OMTLTS06</b>	11/22/2019 14:00	24.0	23.5	4.9	47.6	-3.7	-0.5	-11.0	107.4	92.6	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
<b>OMTLTS07</b>	11/8/2019 10:18	41.0	38.9	0.8	19.3	-0.7	-0.7	-21.1	96.4	13.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMTLTS07	11/22/2019 13:44	50.0	34.9	0.6	14.5	-0.3	-0.3	-24.9	89.4	47.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS08	11/8/2019 10:23	28.3	28.2	4.9	38.6	-2.7	-0.9	-18.9	104.9	75.8	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS08	11/22/2019 13:40	5.2	9.3	11.9	73.6	-0.3	-2.3	-27.1	97.5	8.4	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS08	11/22/2019 13:42	13.9	16.2	4.7	65.2	-4.6	-0.8	-15.2	108.7	111.7	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS09	11/8/2019 10:27	10.4	22.2	5.2	62.2	-0.9	-0.7	-27.3	104.7	35.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS09	11/8/2019 10:28	10.7	21.9	5.1	62.3	-0.7	-0.6	-28.0	102.4	46.0	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS09	11/22/2019 13:37	17.7	20.4	2.4	59.5	-0.3	-0.3	-27.6	72.7	6.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS10	11/8/2019 10:31	0.5	12.6	9.9	77.0	-0.8	-0.6	-30.7	97.2	23.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS10	11/8/2019 10:33	0.6	12.2	9.9	77.3	-0.7	-0.6	-30.0	95.5	40.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS10	11/22/2019 13:34	26.8	24.1	2.0	47.1	-0.3	-0.3	-28.2	71.8	6.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS11	11/8/2019 10:38	0.8	14.7	8.8	75.7	-0.4	-0.3	-31.4	94.3	0.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS11	11/8/2019 10:47	0.9	14.0	8.8	76.3	-0.4	-0.4	-31.5	92.8	0.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS11	11/22/2019 13:29	25.6	21.8	1.1	51.5	-0.3	-0.3	-28.2	85.3	40.8	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS12	11/8/2019 10:50	2.8	18.3	6.2	72.7	-0.3	-0.2	-33.9	106.3	23.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS12	11/8/2019 10:52	2.6	17.7	6.1	73.6	-0.3	-0.2	-34.2	104.7	29.4	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS12	11/22/2019 13:26	1.4	5.5	15.4	77.7	-0.2	-1.8	-25.4	92.7	37.0	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS12	11/22/2019 13:27	2.2	4.2	15.0	78.6	-2.7	-0.4	-19.8	101.3	73.3	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS15	11/8/2019 11:00	8.1	12.7	13.4	65.8	-0.1	-0.1	-37.4	94.8	24.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS15	11/8/2019 11:02	8.0	12.3	13.3	66.4	-0.1	-0.1	-37.1	96.8	16.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS15	11/22/2019 13:10	24.9	25.1	2.9	47.1	-0.4	-0.4	-39.7	96.6	18.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS16	11/8/2019 11:05	1.2	3.7	17.3	77.8	-0.1	-0.1	-35.9	92.1	20.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS16	11/8/2019 11:07	1.2	4.0	17.7	77.1	-0.3	-0.2	-36.4	88.7	28.3	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS16	11/19/2019 10:34	1.5	4.6	16.0	77.9	-0.3	-3.6	-37.9	80.3	26.3	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS16	11/19/2019 10:36	1.6	6.1	13.4	78.9	-5.5	-0.2	-24.0	83.8	134.8	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS16	11/22/2019 13:05	0.4	0.3	20.6	78.7	-0.3	-2.1	-37.5	71.6	9.9	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS16	11/22/2019 13:07	3.1	2.2	17.0	77.7	-4.3	-0.6	-29.0	83.7	109.0	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS17	11/8/2019 11:08	0.5	2.0	19.1	78.4	-0.1	-0.3	-36.5	92.3	36.9	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS17	11/8/2019 11:10	0.5	2.0	19.0	78.5	-0.2	-0.1	-36.4	92.3	43.2	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS17	11/22/2019 13:01	36.0	33.2	0.5	30.3	-0.3	-0.4	-34.6	96.6	9.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS18	11/8/2019 11:12	42.2	35.1	2.8	19.9	-1.5	-0.5	-35.4	93.7	63.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS18	11/22/2019 12:58	58.0	41.8	0.2	0.0	-0.8	-0.7	-34.7	79.2	30.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMTLTS19	11/8/2019 11:15	48.5	39.6	2.3	9.6	-0.1	-0.1	-36.9	73.0	23.9	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS19	11/22/2019 12:54	58.4	41.6	0.0	0.0	0.0	-0.7	-36.4	77.7	5.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS19	11/22/2019 12:55	57.7	42.1	0.2	0.0	-0.7	-0.8	-32.2	79.3	34.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS20	11/8/2019 11:18	50.4	43.0	0.2	6.4	-1.2	-1.4	-37.5	80.8	71.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMTLTS20	11/22/2019 12:49	59.6	40.3	0.1	0.0	-1.1	-1.5	-36.7	79.7	75.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS20	11/22/2019 12:50	58.9	41.0	0.1	0.0	-1.4	-1.3	-36.8	79.9	69.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW133B	11/13/2019 13:36	37.1	39.1	1.2	22.6	-7.7	-7.0	-34.3	92.5	31.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW133B	11/22/2019 11:42	36.0	34.5	3.1	26.4	-6.1	-5.6	-30.6	89.1	189.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW133B	11/22/2019 11:43	39.1	33.6	2.5	24.8	-5.1	-5.1	-33.1	88.3	176.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW134A	11/13/2019 13:34	32.5	39.8	0.0	27.7	-13.4	-6.7	-35.8	91.8	0.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW134A	11/22/2019 11:40	44.4	36.8	0.0	18.8	-6.1	-7.0	-35.9	92.8	19.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW134B	11/13/2019 13:28	32.1	39.4	0.1	28.4	-26.7	-24.2	-35.3	85.1	43.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW134B	11/22/2019 11:36	42.1	35.4	3.8	18.7	-34.0	-32.3	-36.1	86.9	7.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW134B	11/22/2019 11:37	40.7	35.0	2.8	21.5	-32.9	-32.9	-36.0	86.5	69.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW137B	11/14/2019 13:48	54.8	45.2	0.0	0.0	-34.7	-32.4	-34.8	89.2	54.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW137B	11/22/2019 13:54	53.2	41.7	1.3	3.8	-34.5	-33.1	-35.1	73.9		Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW140B	11/8/2019 10:16	55.6	43.7	0.0	0.7	-31.4	-32.4	-33.1	87.4	5.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW140B	11/22/2019 13:48	58.1	41.9	0.0	0.0	-33.6	-30.7	-33.8	85.8	6.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1601	11/12/2019 10:39	50.8	41.3	0.1	7.8	-20.8	-20.3	-33.1	123.8	126.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1601	11/19/2019 11:26	52.9	36.0	0.2	10.9	-20.3	-20.7	-33.3	124.7	118.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1602	11/12/2019 11:47	50.8	44.8	0.0	4.4	-27.5	-27.8	-36.2	124.3	90.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1602	11/19/2019 13:49	53.5	38.7	0.1	7.7	-25.4	-26.1	-34.3	124.0	76.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1602	11/19/2019 13:50	53.6	38.8	0.1	7.5	-26.1	-26.2	-34.0	123.8	86.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1603	11/12/2019 10:47	57.2	42.8	0.0	0.0	-26.1	-26.4	-31.4	123.1	115.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1603	11/19/2019 11:39	59.8	39.3	0.1	0.8	-26.3	-26.5	-31.3	122.9	107.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1604	11/12/2019 11:38	46.8	45.1	0.0	8.1	-7.0	-4.1	-32.5	129.0	50.7	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1604	11/19/2019 13:34	59.6	39.7	0.0	0.7	-1.1	-2.7	-28.7	126.0		Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1604	11/19/2019 13:34	59.5	40.0	0.0	0.5	-3.1	-3.2	-23.7	127.0		Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1606	11/14/2019 11:23	0.3	1.4	20.3	78.0	-1.6	-0.5	-15.0	58.1	10.4	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1606	11/14/2019 11:25	0.4	1.3	20.2	78.1	-0.6	-0.5	-15.4	57.7	10.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1606	11/23/2019 10:55	0.8	3.7	19.9	75.6	-1.6	-1.5	-16.0	66.7	29.4	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1606	11/23/2019 10:56	0.5	2.5	19.7	77.3	-1.7	-1.5	-15.9	66.6	30.8	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1611	11/14/2019 11:27	61.5	37.3	0.1	1.1	-14.6	-14.5	-15.8	64.8		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1611	11/23/2019 10:59	61.7	36.1	0.1	2.1	-16.3	-16.6	-16.2	71.6		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1612	11/12/2019 11:52	54.3	45.7	0.0	0.0	-3.8	-5.7	-35.6	124.2	32.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1612	11/23/2019 10:05	48.4	41.1	0.0	10.5	-8.3	-8.3	-33.8	121.1	22.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1613	11/12/2019 11:31	52.5	45.9	0.0	1.6	-24.1	-24.8	-32.2	126.0	82.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1613	11/19/2019 13:23	53.4	38.3	0.1	8.2	-24.7	-25.0	-31.1	125.4	72.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1613	11/19/2019 13:25	53.3	39.0	0.1	7.6	-25.2	-24.9	-30.8	125.2	70.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1614	11/12/2019 11:28	54.3	44.8	0.0	0.9	-2.1	-2.8	-35.0	122.7	52.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1614	11/19/2019 13:19	48.5	38.3	0.1	13.1	-3.6	-3.6	-36.2	122.0	68.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1616	11/12/2019 11:23	52.8	45.2	0.0	2.0	-16.3	-16.3	-15.4	115.2	57.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1616	11/19/2019 13:01	54.7	39.1	0.3	5.9	-15.2	-15.1	-15.2	113.7	45.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1617	11/13/2019 10:31	55.7	44.3	0.0	0.0	-0.8	-0.8	-12.6	127.4	37.7	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1617	11/21/2019 11:41	54.5	44.8	0.0	0.7	-2.2	-2.1	-13.2	127.6	26.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1617	11/21/2019 11:41	54.5	44.4	0.0	1.1	-2.1	-2.1	-13.3	127.4	24.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1618	11/12/2019 11:35	53.8	44.1	0.0	2.1	-1.2	-1.5	-34.1	129.0	43.4	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1618	11/19/2019 13:29	50.3	38.8	0.0	10.9	-1.7	-1.3	-36.7	131.2	39.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1618	11/19/2019 13:30	54.4	38.6	0.0	7.0	-1.2	-1.2	-33.3	130.1	18.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1619	11/8/2019 12:08	54.6	45.4	0.0	0.0	-19.2	-18.7	-19.0	124.0	8.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1619	11/22/2019 12:04	58.7	41.3	0.0	0.0	-19.2	-19.3	-15.2	123.8	15.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1620	11/8/2019 12:11	43.0	41.9	0.0	15.1	-10.7	-7.7	-18.7	116.2	12.9	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1620	11/22/2019 12:10	57.7	42.2	0.1	0.0	-1.7	-3.9	-20.1	114.3	8.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1620	11/22/2019 12:11	57.9	41.9	0.2	0.0	-4.6	-4.6	-19.7	115.3	15.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1621	11/13/2019 12:22	38.7	44.9	0.0	16.4	-2.3	-2.0	-14.9	123.6	45.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1621	11/21/2019 13:02	49.1	45.6	0.0	5.3	-0.9	-0.9	-14.5	122.9	46.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1622	11/8/2019 12:05	53.2	44.6	0.4	1.8	-15.3	-17.0	-18.3	122.7	36.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1622	11/22/2019 11:59	54.6	39.9	1.2	4.3	-17.9	-17.9	-18.8	124.0	20.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1623	11/14/2019 11:19	51.3	30.2	2.1	16.4	-31.4	-31.4	-31.5	59.7	6.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1623	11/23/2019 10:52	56.9	33.6	1.9	7.6	-33.0	-33.0	-33.1	65.3	6.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1624	11/14/2019 11:31	54.1	32.9	2.6	10.4	-15.8	-15.8	-15.7	56.8	1.2	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1624	11/23/2019 11:01	4.4	5.7	19.5	70.4	-16.3	-16.5	-15.9	63.7	1.4	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1624	11/23/2019 11:03	3.8	3.8	19.7	72.7	-16.6	-3.6	-15.8	63.5	1.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1625	11/8/2019 13:24	40.3	25.2	7.1	27.4	-37.4	-37.7	-0.3	68.4	7.2	Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	11/8/2019 13:26	40.3	25.6	7.8	26.3	-37.4	-37.4	-37.6	68.4	8.7	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	11/19/2019 10:55	24.4	13.1	12.8	49.7	-40.1	-39.7	-39.5	64.3	4.2	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	11/19/2019 10:58	27.6	16.3	11.7	44.4	-40.1	-39.8	-39.7	62.8	4.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	11/23/2019 9:46	17.9	17.5	14.2	50.4	-37.4	-28.0	-37.8	64.4	5.7	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1625	11/23/2019 9:47	18.4	16.6	14.7	50.3	-23.1	-23.7	-37.6	64.4	8.3	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1626	11/8/2019 13:14	62.8	37.1	0.1	0.0	-37.4	-37.4	-38.1	71.1	14.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1626	11/23/2019 9:49	61.2	36.6	0.2	2.0	-37.4	-37.4	-37.8	65.3	16.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1701	11/13/2019 11:42	57.8	42.2	0.0	0.0	-30.1	-30.4	-32.4	113.5	36.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1701	11/21/2019 11:09	57.7	40.1	0.0	2.2	-27.3	-26.7	-28.8	114.4	26.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	11/1/2019 13:16	57.2	42.0	0.0	0.8	-28.5	-28.4	-32.7	117.1	50.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	11/8/2019 12:50	56.1	43.9	0.0	0.0	-29.9	-29.7	-34.1	117.3	53.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1702	11/19/2019 12:31	59.8	40.2	0.0	0.0	-23.2	-23.2	-25.9	117.1	42.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	11/1/2019 13:07	58.2	40.1	0.0	1.7	-30.1	-30.1	-33.2	127.6	26.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	11/19/2019 12:41	60.2	39.8	0.0	0.0	-23.9	-23.6	-25.2	126.7	43.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	11/12/2019 11:00	57.1	42.9	0.0	0.0	-32.8	-32.8	-34.3	113.9	33.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	11/19/2019 11:59	61.0	38.5	0.0	0.5	-25.8	-25.9	-27.3	112.8	28.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1709	11/14/2019 11:34	63.9	35.0	1.1	0.0	-32.6	-32.6	-32.9	57.7	7.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1709	11/23/2019 11:05	63.4	33.7	0.2	2.7	-33.4	-34.6	-33.8	65.1	6.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1710	11/12/2019 10:09	54.7	45.0	0.3	0.0	-34.7	-34.4	-34.3	76.8	9.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1710	11/23/2019 10:41	55.2	43.7	0.3	0.8	-33.7	-34.7	-33.1	65.8	14.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1711A	11/8/2019 13:09	62.5	37.5	0.0	0.0	-35.6	-35.3	-37.8	73.2	94.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1711A	11/23/2019 9:55	61.6	36.7	0.0	1.7	-36.4	-36.4	-38.3	65.8	82.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1712A	11/14/2019 14:18	60.8	39.1	0.1	0.0	-30.3	-30.1	-33.6	57.4	65.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1712A	11/23/2019 9:57	59.2	38.7	0.0	2.1	-37.7	-37.9	-38.2	67.6	24.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1713	11/14/2019 14:20	53.8	36.3	0.4	9.5	-29.2	-29.4	-32.3	69.8	9.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1713	11/23/2019 9:59	61.0	38.6	0.2	0.2	-37.0	-37.3	-39.2	70.5	9.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1714	11/8/2019 13:06	58.2	39.7	1.3	0.8	-37.4	-37.4	-37.6	76.2	12.7	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1714	11/23/2019 9:53	48.9	34.7	1.6	14.8	-38.0	-38.0	-38.2	64.9	14.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1715	11/12/2019 13:40	48.3	41.2	0.2	10.3	-1.7	-1.8	-46.8	101.8	7.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1715	11/20/2019 11:40	46.3	43.6	0.1	10.0	-1.1	-0.8	-37.8	99.5	6.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1715	11/20/2019 11:42	46.0	44.5	0.0	9.5	-0.9	-0.7	-37.7	98.1	3.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1716	11/12/2019 12:53	53.8	46.2	0.0	0.0	-32.9	-32.8	-38.8	93.9	4.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1716	11/20/2019 10:33	54.0	46.0	0.0	0.0	-30.6	-30.4	-36.4	88.2	4.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1717	11/12/2019 12:47	54.2	45.6	0.2	0.0	-36.7	-36.6	-38.3	116.1	49.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1717	11/20/2019 10:49	52.4	47.5	0.1	0.0	-33.1	-33.1	-34.0	115.3	45.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1801	11/12/2019 11:26	52.5	45.4	0.3	1.8	-25.1	-26.4	-35.7	124.5	56.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1801	11/19/2019 13:07	54.1	39.5	0.3	6.1	-25.9	-27.6	-34.9	123.8	71.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1801	11/19/2019 13:08	54.1	39.4	0.3	6.2	-28.6	-28.6	-35.5	124.0	82.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1802	11/12/2019 10:53	58.2	41.8	0.0	0.0	-32.4	-32.1	-32.2	114.6	32.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1802	11/19/2019 11:47	60.8	39.2	0.0	0.0	-31.7	-32.3	-31.9	111.9	19.3	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1802	11/19/2019 11:48	60.9	39.1	0.0	0.0	-32.3	-32.3	-32.2	112.1	27.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1803	11/12/2019 10:49	57.7	41.9	0.1	0.3	-33.8	-33.7	-33.3	80.8	3.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1803	11/19/2019 11:42	60.6	39.4	0.0	0.0	-33.0	-33.4	-33.1	66.7	30.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	11/12/2019 11:42	52.6	47.4	0.0	0.0	-34.5	-34.4	-36.1	122.4	43.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	11/19/2019 13:39	57.6	40.9	0.0	1.5	-32.3	-32.3	-34.9	122.0	30.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1805	11/12/2019 11:44	50.3	45.4	0.3	4.0	-12.1	-11.8	-36.7	124.0	31.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1805	11/19/2019 13:44	55.7	40.1	0.0	4.2	-10.4	-12.8	-35.5	124.0	18.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1805	11/19/2019 13:44	55.6	39.6	0.1	4.7	-15.2	-15.2	-36.9	124.0	17.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1806	11/13/2019 12:13	33.1	37.9	0.0	29.0	-2.0	-1.1	-34.3	120.0	9.2	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1806	11/21/2019 13:27	53.6	46.4	0.0	0.0	-0.1	-0.6	-32.8	123.1	24.5	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1806	11/21/2019 13:28	52.8	47.2	0.0	0.0	-1.0	-0.8	-32.0	124.5	38.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1807	11/12/2019 11:13	53.4	44.0	0.0	2.6	-9.6	-9.6	-15.9	126.3	30.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1807	11/19/2019 12:46	57.7	39.8	0.0	2.5	-6.7	-6.7	-12.5	126.5	23.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1808	11/12/2019 11:04	56.2	43.8	0.0	0.0	-4.4	-4.2	-4.5	110.3	17.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1808	11/19/2019 12:18	59.0	39.7	0.0	1.3	-2.8	-3.0	-3.1	109.4	8.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1809	11/1/2019 13:15	51.3	37.4	1.1	10.2	-18.7	-18.2	-32.9	117.9	19.9	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1809	11/8/2019 11:18	50.5	35.8	1.2	12.5	-18.3	-18.3	-33.1	118.4	25.9	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1809	11/12/2019 10:36	46.7	40.6	1.4	11.3	-19.3	-17.8	-33.4	118.2	21.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1809	11/19/2019 10:01	49.7	35.1	1.8	13.4	-16.2	-16.2	-34.4	118.4	15.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1809	11/19/2019 10:01	49.5	36.8	1.8	11.9	-15.8	-15.8	-36.0	118.2	18.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1810	11/8/2019 13:30	60.6	34.9	0.1	4.4	-0.4	-2.9	-39.0	77.4	5.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1810	11/20/2019 10:12	37.8	37.6	0.0	24.6	-21.7	-18.3	-35.3	72.1	3.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1810	11/20/2019 10:14	36.7	36.9	0.2	26.2	-16.7	-16.7	-35.7	72.5	2.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1811	11/13/2019 10:01	49.3	39.8	1.7	9.2	-25.7	-25.3	-31.3	71.1	159.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1811	11/21/2019 12:03	48.9	38.1	1.7	11.3	-22.0	-22.0	-27.6	74.5	152.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1812	11/13/2019 13:10	47.2	39.7	1.7	11.4	-10.7	-9.2	-34.8	124.5	16.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1812	11/21/2019 12:31	45.6	33.5	3.5	17.4	-5.7	-4.2	-31.7	119.8	20.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1812	11/21/2019 12:34	44.8	35.4	4.5	15.3	-3.8	-3.8	-31.0	118.6	18.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1813	11/12/2019 11:19	55.0	44.9	0.0	0.1	-13.6	-14.5	-15.3	126.1	19.4	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1813	11/19/2019 12:56	58.1	39.5	0.1	2.3	-12.5	-12.9	-13.7	124.9	11.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1813	11/19/2019 12:56	57.8	39.5	0.3	2.4	-13.6	-13.6	-14.6	124.7	13.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1814	11/4/2019 11:04	0.4	3.7	20.8	75.1	-38.2	-38.2	-38.4	78.4	25.5	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1814	11/4/2019 11:06	0.4	1.9	21.0	76.7	-38.1	-5.5	-38.4	78.6	10.1	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1815	11/13/2019 11:57	46.7	38.2	0.0	15.1	-16.3	-15.3	-36.3	125.6	11.2	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1815	11/21/2019 13:44	48.7	40.6	0.0	10.7	-12.3	-12.3	-33.7	126.0	28.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1816	11/1/2019 13:11	52.6	39.6	0.0	7.8	-21.0	-20.7	-37.2	111.4	55.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1816	11/8/2019 12:44	51.0	42.6	0.0	6.4	-22.0	-21.7	-36.0	111.2	53.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1816	11/19/2019 12:28	52.4	39.9	0.0	7.7	-17.2	-17.0	-28.6	110.8	44.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1817	11/14/2019 11:49	56.7	43.3	0.0	0.0	-3.8	-3.6	-4.1	99.0	19.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1817	11/23/2019 11:19	56.4	43.1	0.0	0.5	-3.8	-3.6	-3.9	99.7	26.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1818	11/14/2019 11:52	55.8	44.2	0.0	0.0	-27.3	-27.2	-38.6	99.3	33.9	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1818	11/23/2019 11:15	55.9	44.1	0.0	0.0	-28.4	-28.4	-39.6	99.1	35.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1819	11/14/2019 11:43	54.8	40.6	0.0	4.6	-15.0	-18.0	-43.5	99.0	25.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1819	11/23/2019 11:12	47.0	39.6	1.7	11.7	-21.0	-16.3	-43.7	99.1	13.9	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1819	11/23/2019 11:13	46.1	39.9	2.4	11.6	-16.5	-16.5	-42.7	98.8	16.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1820	11/14/2019 11:40	61.1	37.1	0.0	1.8	-36.9	-36.4	-37.0	99.9	21.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1820	11/23/2019 11:09	61.1	36.6	0.0	2.3	-37.9	-38.0	-37.8	101.3	19.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1821	11/8/2019 13:18	23.1	26.5	0.0	50.4	-0.1	-0.1	-38.8	72.0	0.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1821	11/20/2019 9:41	25.7	26.8	0.2	47.3	-0.1	-0.1	-37.0	68.5	0.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1822	11/8/2019 13:16	8.3	27.2	0.0	64.5	-0.2	-0.3	-38.7	71.4	0.6	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1822	11/20/2019 9:44	8.9	27.1	0.0	64.0	-0.1	-0.1	-36.9	63.0	0.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1823	11/8/2019 13:14	36.6	36.4	0.0	27.0	-0.2	-0.2	-39.0	71.8	0.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1823	11/20/2019 9:47	39.3	37.7	0.0	23.0	-0.1	-0.1	-35.9	67.1	0.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1824	11/8/2019 13:32	64.0	35.8	0.2	0.0	-38.7	-38.4	-39.0	73.0	1.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1824	11/20/2019 10:00	64.2	35.8	0.0	0.0	-35.7	-35.9	-35.9	68.5	8.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1825	11/8/2019 13:40	54.2	40.7	0.6	4.5	-0.7	-2.7	-38.3	78.1	0.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1825	11/20/2019 10:17	43.6	38.1	1.8	16.5	-6.3	-5.1	-35.6	71.8	1.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1825	11/20/2019 10:19	42.9	38.4	2.0	16.7	-5.7	-5.1	-35.6	72.9	1.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1826	11/12/2019 10:26	43.9	39.8	0.1	16.2	-6.3	-4.8	-38.5	77.9	11.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1826	11/21/2019 14:04	43.0	37.9	0.5	18.6	-2.1	-1.9	-31.8	72.7	0.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1826	11/21/2019 14:05	43.3	39.2	0.3	17.2	-1.9	-1.9	-30.9	72.5	0.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1901	11/8/2019 11:34	55.1	44.9	0.0	0.0	-17.4	-17.0	-16.2	77.0	11.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1901	11/22/2019 12:22	58.5	41.5	0.0	0.0	-17.2	-17.2	-17.3	77.2	2.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1902	11/1/2019 13:18	56.5	38.9	0.0	4.6	-1.9	-3.0	-34.2	92.8	15.0	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1902	11/19/2019 12:36	38.8	35.1	0.0	26.1	-4.4	-4.0	-26.5	80.4	20.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1902	11/19/2019 12:37	38.7	34.7	0.0	26.6	-3.9	-3.9	-26.7	80.2	20.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1904	11/1/2019 13:05	56.9	35.4	0.1	7.6	-14.0	-14.7	-33.8	117.9	86.9	Valve Adjustment:"Valve 100% open,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1904	11/8/2019 12:51	53.6	42.7	0.0	3.7	-16.3	-16.3	-32.6	113.9	85.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1904	11/19/2019 12:13	55.0	38.5	0.0	6.5	-13.1	-13.1	-26.7	106.7	106.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1906	11/12/2019 11:02	57.1	42.7	0.2	0.0	-12.5	-12.4	-31.5	105.3	30.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1906	11/19/2019 12:06	59.8	39.3	0.2	0.7	-8.5	-8.7	-25.5	104.7	87.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1908	11/14/2019 11:11	58.9	41.1	0.0	0.0	-15.0	-15.3	-31.2	97.2	101.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1908	11/23/2019 10:37	56.6	43.4	0.0	0.0	-16.3	-15.7	-31.7	97.7	101.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1909	11/14/2019 11:07	58.3	41.7	0.0	0.0	-30.4	-30.8	-31.5	97.0	18.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1909	11/23/2019 10:48	55.6	44.4	0.0	0.0	-33.0	-33.0	-33.2	97.5	18.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1910	11/14/2019 11:04	57.9	41.5	0.0	0.6	-14.0	-14.9	-36.1	108.5	92.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1910	11/23/2019 10:35	57.7	42.2	0.0	0.1	-16.5	-16.4	-37.1	108.5	99.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1911	11/12/2019 11:49	52.8	44.6	0.1	2.5	-5.7	-5.6	-38.4	130.1	16.8	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXEW1911	11/19/2019 13:54	58.6	38.7	0.1	2.6	-3.5	-3.6	-36.8	129.0	18.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1911	11/19/2019 13:55	58.8	39.2	0.1	1.9	-3.9	-4.0	-37.1	129.4	20.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1912	11/12/2019 10:42	49.8	41.2	0.0	9.0	-7.0	-7.0	-38.2	118.6	11.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1912	11/19/2019 11:30	51.5	37.7	0.0	10.8	-6.4	-6.4	-39.4	118.8	46.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1913	11/13/2019 13:03	47.9	40.4	0.0	11.7	-0.6	-0.4	-36.6	90.9	20.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1913	11/21/2019 12:23	51.1	41.7	0.0	7.2	-0.7	-0.6	-31.7	91.4	15.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1914	11/13/2019 9:40	56.9	43.1	0.0	0.0	-34.1	-34.4	-34.2	106.0	6.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1914	11/21/2019 12:19	56.6	43.4	0.0	0.0	-31.4	-31.0	-31.1	104.0	11.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1915	11/12/2019 13:02	53.3	46.7	0.0	0.0	-3.9	-5.7	-40.5	71.1	9.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1915	11/20/2019 10:53	44.9	45.3	0.0	9.8	-6.6	-5.7	-37.7	70.3	4.9	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1915	11/20/2019 10:55	44.0	45.9	0.0	10.1	-5.7	-5.7	-36.9	70.3	8.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1916	11/14/2019 12:38	51.7	46.3	0.9	1.1	-37.7	-37.7	-38.3	55.8	2.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1916	11/20/2019 12:08	50.1	48.8	1.1	0.0	-40.0	-40.0	-40.0	72.3	11.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1917	11/14/2019 12:48	53.8	46.0	0.2	0.0	-37.8	-37.7	-38.0	56.3	5.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1917	11/20/2019 12:41	55.3	44.4	0.3	0.0	-39.7	-40.1	-40.0	70.9	8.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1918	11/1/2019 12:10	60.8	37.0	0.0	2.2	-2.5	-3.6	-37.6	78.1	8.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1918	11/8/2019 13:26	13.1	15.1	10.4	61.4	-9.0	-7.3	-38.7	83.7	12.0	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1918	11/8/2019 13:28	13.5	15.3	10.6	60.6	-6.3	-4.3	-38.7	84.0	13.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1918	11/19/2019 11:05	12.8	13.7	10.7	62.8	-4.2	-10.4	-40.2	82.2	6.2	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1918	11/19/2019 11:07	14.8	14.3	10.0	60.9	-20.3	-1.3	-40.4	85.3	33.6	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1918	11/20/2019 10:08	55.6	39.5	0.0	4.9	-0.1	-0.5	-35.5	70.2	16.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1918	11/20/2019 10:09	55.7	39.7	0.0	4.6	-0.7	-0.5	-35.9	72.1	11.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1919	11/8/2019 13:10	58.0	42.0	0.0	0.0	-0.4	-1.2	-38.6	75.4	4.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1919	11/20/2019 9:50	27.8	34.0	0.0	38.2	-5.0	-0.4	-36.4	72.9	0.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1919	11/20/2019 9:53	27.2	32.4	0.0	40.4	-0.5	-0.4	-36.2	73.4	2.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1920	11/8/2019 13:08	29.0	27.7	1.1	42.2	-0.4	-0.6	-38.6	81.0	9.5	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1920	11/20/2019 9:56	29.5	31.2	1.0	38.3	-0.4	-0.3	-36.2	68.2	10.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1921	11/8/2019 13:38	55.1	44.9	0.0	0.0	-31.4	-33.1	-38.8	110.7	20.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1921	11/20/2019 10:21	54.9	44.0	0.0	1.1	-32.6	-34.1	-36.7	110.1	23.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1921	11/20/2019 10:23	54.2	45.7	0.1	0.0	-33.7	-33.7	-35.6	110.3	24.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW326A	11/8/2019 13:17	63.5	36.5	0.0	0.0	-37.4	-37.4	-38.1	76.2	13.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW326A	11/23/2019 9:51	61.8	38.2	0.0	0.0	-37.9	-37.7	-38.2	66.7	11.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEWHC6A	11/12/2019 13:07	25.9	30.7	5.1	38.3	-0.5	-0.3	-44.2	91.8	2.6	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEWHC6A	11/12/2019 13:09	25.7	30.6	5.1	38.6	-0.7	-0.1	-41.0	91.6	2.6	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEWHC6A	11/14/2019 14:48	32.7	31.9	2.7	32.7	-0.3	-0.2	-38.9	56.1	2.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEWHC6A	11/20/2019 11:04	32.5	39.6	2.2	25.7	-0.3	-0.3	-37.9	79.2	2.2	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXHC1901	11/14/2019 11:14	55.6	44.4	0.0	0.0	-31.0	-33.1	-32.0	79.2	55.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXHC1901	11/23/2019 10:43	55.0	45.0	0.0	0.0	-33.4	-33.4	-33.2	80.6	45.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCR4A1	11/12/2019 13:29	1.0	4.0	20.3	74.7	-0.1	-0.1	-50.0	94.8	5.3	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXLCR4A1	11/12/2019 13:31	0.3	1.6	19.9	78.2	-0.1	-0.1	-47.7	95.0	7.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A1	11/20/2019 11:29	0.3	1.8	20.5	77.4	-0.1	-0.1	-36.9	73.6	8.2	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A1	11/20/2019 11:30	0.1	1.0	20.3	78.6	-0.1	-0.1	-36.9	73.8	12.1	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A2	11/12/2019 13:31	0.1	0.7	20.5	78.7	-0.1	-0.1	-44.3	92.8	7.6	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A2	11/12/2019 13:33	0.0	0.3	20.4	79.3	-0.2	-0.1	-45.5	93.0	13.2	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A2	11/20/2019 11:31	0.6	1.4	20.1	77.9	-0.1	-0.1	-37.9	73.4	7.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4A2	11/20/2019 11:33	0.3	1.6	20.1	78.0	-0.1	-0.1	-37.8	73.9	6.2	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B1	11/12/2019 13:33	0.2	0.3	20.3	79.2	-0.3	-0.2	-45.9	87.1	6.9	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B1	11/12/2019 13:35	0.1	0.4	20.2	79.3	-0.1	-0.3	-43.1	89.1	9.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B1	11/20/2019 11:34	0.3	1.4	20.4	77.9	-0.1	-0.1	-37.4	72.9	8.9	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B1	11/20/2019 11:35	0.1	1.0	20.3	78.6	-0.2	-0.1	-37.7	73.2	14.7	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B2	11/12/2019 13:35	0.1	0.4	20.3	79.2	-0.1	-0.1	-44.3	88.7	3.1	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B2	11/12/2019 13:37	0.2	0.4	20.3	79.1	-0.1	-0.1	-44.5	90.9	2.6	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B2	11/20/2019 11:36	0.1	0.7	20.3	78.9	-0.1	-0.1	-37.3	71.4	1.9	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCR4B2	11/20/2019 11:38	0.1	0.6	20.3	79.0	-0.1	-0.1	-37.2	70.9	2.3	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXLCRS07	11/14/2019 12:01	58.5	40.9	0.2	0.4	-7.3	-7.0	-39.8	79.0	40.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS07	11/23/2019 11:47	58.2	41.1	0.1	0.6	-8.1	-7.5	-40.8	80.4	41.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3A	11/8/2019 10:12	56.0	44.0	0.0	0.0	-33.4	-32.5	-35.2	94.1	13.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3A	11/22/2019 13:52	57.7	42.3	0.0	0.0	-26.2	-27.7	-33.6	93.7	149.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3B	11/8/2019 10:10	55.5	44.4	0.1	0.0	-31.5	-30.6	-34.8	94.3	57.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3B	11/22/2019 13:51	57.5	42.5	0.0	0.0	-27.6	-30.8	-34.6	94.1	159.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS7B	11/14/2019 12:23	58.8	39.8	0.2	1.2	-7.0	-7.3	-38.5	79.2	37.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS7B	11/23/2019 11:49	58.2	41.7	0.1	0.0	-7.8	-7.6	-40.9	80.4	41.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME302D	11/12/2019 10:15	58.0	42.0	0.0	0.0	-0.5	-0.4	-38.6	103.3	14.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME302D	11/21/2019 13:49	57.7	42.3	0.0	0.0	-0.1	-0.1	-32.0	102.0	41.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME305D	11/13/2019 12:04	54.0	46.0	0.0	0.0	-7.9	-7.5	-34.5	130.3	13.2	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXME305D	11/21/2019 13:40	55.5	44.5	0.0	0.0	-1.2	-1.9	-31.6	127.4	7.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME305D	11/21/2019 13:42	54.1	45.9	0.0	0.0	-2.1	-2.0	-31.6	130.1	3.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME306D	11/8/2019 11:30	54.0	46.0	0.0	0.0	-24.7	-24.6	-36.5	127.0	34.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME306D	11/22/2019 12:32	57.9	39.2	0.5	2.4	-24.8	-24.8	-37.3	126.3	24.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME308D	11/13/2019 10:46	53.6	43.1	0.0	3.3	-14.0	-17.5	-32.8	120.0	5.1	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXME308D	11/21/2019 11:27	50.3	39.6	0.0	10.1	-20.3	-20.4	-31.1	123.4	15.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXME312D	11/13/2019 10:36	53.7	41.7	0.0	4.6	-0.7	-1.1	-12.0	77.2	19.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME312D	11/21/2019 11:37	37.9	39.1	0.0	23.0	-4.4	-4.0	-12.3	120.0	27.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME312D	11/21/2019 11:39	37.7	38.5	0.0	23.8	-4.0	-4.0	-13.1	118.2	29.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME316D	11/13/2019 9:50	58.2	40.8	0.0	1.0	-29.0	-29.4	-30.5	124.3	59.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME316D	11/21/2019 12:12	57.9	42.1	0.0	0.0	-27.3	-27.3	-28.1	124.0	59.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME317D	11/13/2019 9:56	57.7	42.1	0.0	0.2	-31.6	-31.6	-31.5	93.7	11.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME317D	11/21/2019 12:08	57.3	42.6	0.0	0.1	-28.7	-28.7	-28.8	91.0	15.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW113	11/13/2019 13:25	37.2	37.8	3.5	21.5	-13.7	-6.0	-35.6	87.6	31.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW113	11/22/2019 11:29	43.4	34.8	3.2	18.6	-4.4	-3.8	-37.1	77.2	20.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW113	11/22/2019 11:32	43.5	35.2	3.1	18.2	-6.0	-4.3	-36.7	74.7	11.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW122	11/14/2019 10:09	57.2	41.8	0.0	1.0	-35.7	-35.7	-36.4	71.2	22.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW122	11/22/2019 13:13	58.7	40.4	0.4	0.5	-38.2	-38.1	-38.1	72.7	21.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW126	11/14/2019 10:33	57.8	42.2	0.0	0.0	-35.0	-35.1	-35.6	65.3	12.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW126	11/22/2019 10:41	60.2	39.7	0.1	0.0	-37.1	-36.8	-36.9	68.0	16.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW138	11/14/2019 13:44	45.4	39.3	0.0	15.3	-2.5	-2.6	-35.3	59.9	0.2	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW138	11/22/2019 13:46	50.1	38.2	0.0	11.7	-2.8	-2.8	-36.7	86.5	0.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW145	11/13/2019 13:42	54.5	45.4	0.1	0.0	-36.3	-36.6	-36.9	97.3	5.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW145	11/23/2019 10:24	54.0	43.2	0.1	2.7	-35.7	-35.7	-36.7	103.5	17.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	11/12/2019 12:58	53.5	46.5	0.0	0.0	-26.4	-26.8	-26.5	69.6	43.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	11/20/2019 10:57	52.7	47.3	0.0	0.0	-21.4	-19.7	-22.1	68.4	19.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW158	11/14/2019 10:43	40.3	43.7	0.0	16.0	-35.4	-17.0	-35.6	67.3	14.8	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW158	11/22/2019 10:51	51.9	40.6	0.1	7.4	-10.9	-10.9	-37.2	68.2	8.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW159	11/14/2019 10:39	43.8	42.1	0.5	13.6	-34.7	-27.3	-35.6	70.2	16.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW159	11/22/2019 10:47	47.9	39.0	0.7	12.4	-27.7	-25.6	-37.1	70.9	9.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW159	11/22/2019 10:48	47.6	39.6	0.9	11.9	-24.9	-24.9	-37.2	71.1	9.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW162	11/8/2019 10:35	56.2	36.0	0.8	7.0	-13.7	-18.6	-34.3	74.3	25.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW162	11/22/2019 13:32	62.1	37.7	0.2	0.0	-30.4	-32.8	-34.6	74.7	14.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW164	11/8/2019 10:55	43.2	34.3	3.1	19.4	-0.3	-0.1	-35.5	82.6	11.1	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW164	11/22/2019 13:19	4.2	5.2	17.8	72.8	22.6	-28.3	-34.5	70.5	0.0	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW164	11/22/2019 13:21	44.7	30.0	1.4	23.9	-33.9	-5.1	-34.4	75.7	8.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW170	11/8/2019 13:23	66.5	33.3	0.2	0.0	-35.7	-36.1	-38.0	69.6	16.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW170	11/20/2019 10:03	45.4	33.6	0.2	20.8	-35.7	-32.7	-35.9	64.6	10.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW170	11/20/2019 10:06	47.2	32.0	0.4	20.4	-35.3	-34.9	-35.6	66.4	13.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW173	11/12/2019 12:44	52.5	46.8	0.0	0.7	-10.0	-11.4	-39.5	118.9	84.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW173	11/20/2019 10:29	47.8	45.6	0.0	6.6	-12.8	-11.1	-33.2	118.9	89.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW173	11/20/2019 10:32	47.1	46.8	0.0	6.1	-10.7	-10.7	-34.3	118.6	71.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW174	11/12/2019 12:56	48.4	45.5	0.1	6.0	-7.3	-7.2	-29.8	78.6	36.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW174	11/20/2019 10:59	44.1	48.0	0.0	7.9	-5.7	-4.2	-22.0	75.9	26.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW174	11/20/2019 11:02	44.4	46.1	0.3	9.2	-2.9	-2.9	-21.0	75.4	11.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW175	11/12/2019 13:11	54.3	44.6	0.1	1.0	-8.3	-13.0	-43.6	88.9	36.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW175	11/20/2019 11:06	40.2	44.2	0.0	15.6	-19.3	-16.6	-37.6	89.1	34.3	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW175	11/20/2019 11:08	40.2	44.3	0.0	15.5	-15.0	-15.0	-36.9	88.3	37.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW176	11/12/2019 13:42	47.8	43.9	0.3	8.0	-15.7	-13.6	-46.4	113.9	57.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW176	11/20/2019 11:43	50.3	45.2	0.3	4.2	-6.7	-6.7	-37.1	113.0	36.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW181	11/13/2019 13:07	52.8	44.5	0.0	2.7	-33.1	-33.0	-35.4	114.8	52.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW181	11/21/2019 12:26	51.9	42.6	0.0	5.5	-30.4	-27.3	-30.9	114.8	76.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW182	11/13/2019 10:07	53.6	43.4	0.0	3.0	-24.0	-23.8	-33.4	120.6	167.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW182	11/21/2019 11:57	55.0	40.4	0.0	4.6	-21.3	-21.0	-26.9	119.3	134.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW183	11/13/2019 13:15	41.1	39.5	0.0	19.4	-9.2	-6.7	-34.9	119.7	76.3	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW183	11/21/2019 12:36	51.9	41.9	0.0	6.2	-4.1	-4.1	-29.8	120.2	59.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW184	11/13/2019 12:51	39.5	43.4	0.0	17.1	-1.2	-0.7	-32.8	126.1	38.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW184	11/21/2019 12:51	43.1	42.9	0.0	14.0	-0.5	-0.3	-30.0	127.8	29.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW184	11/21/2019 12:53	43.0	45.0	0.0	12.0	-0.3	-0.4	-29.9	127.6	35.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW185	11/13/2019 12:48	34.7	36.3	0.0	29.0	-1.9	-1.1	-33.4	116.1	25.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW185	11/21/2019 12:55	53.2	46.6	0.0	0.2	-0.2	-0.5	-30.6	118.8	20.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW185	11/21/2019 12:56	51.3	48.7	0.0	0.0	-0.5	-0.5	-31.0	120.7	35.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW186	11/13/2019 10:27	51.8	41.2	1.3	5.7	-3.4	-3.5	-13.7	116.4	23.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW186	11/21/2019 11:45	38.2	39.8	1.5	20.5	-4.8	-3.8	-13.4	129.0	14.6	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW186	11/21/2019 11:49	36.2	37.7	1.8	24.3	-3.7	-3.7	-14.2	126.9	9.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW187	11/13/2019 12:31	23.4	34.2	2.0	40.4	-6.3	-4.9	-13.7	121.1	45.7	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW187	11/21/2019 13:15	28.9	35.2	0.1	35.8	-2.7	-2.0	-14.2	119.3	26.6	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW187	11/21/2019 13:16	28.5	35.9	0.3	35.3	-1.8	-1.9	-14.7	117.3	42.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW188	11/13/2019 12:19	33.8	39.5	0.0	26.7	-3.5	-2.8	-12.7	116.6	32.3	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW188	11/21/2019 13:05	39.4	41.9	0.0	18.7	-1.4	-1.1	-14.2	112.3	47.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW188	11/21/2019 13:06	39.2	40.0	0.0	20.8	-1.1	-1.2	-14.4	108.9	41.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW189	11/13/2019 12:16	41.6	40.4	0.0	18.0	-4.4	-3.0	-11.8	121.6	37.2	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW189	11/21/2019 13:09	50.0	42.3	0.0	7.7	-1.8	-2.0	-14.1	116.1	58.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW190	11/13/2019 10:40	53.2	39.1	0.9	6.8	-9.1	-9.0	-11.5	119.5	39.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW190	11/21/2019 11:31	50.8	38.2	1.5	9.5	-11.0	-11.0	-15.1	116.2	47.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW191	11/12/2019 12:49	54.7	45.2	0.1	0.0	-0.1	-0.1	-42.3	130.3	30.6	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXMEW191	11/20/2019 10:38	53.0	47.0	0.0	0.0	-0.1	-0.3	-36.2	129.4	55.5	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXMEW192	11/12/2019 13:24	50.2	46.1	0.0	3.7	-26.3	-26.0	-44.9	111.0	66.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW192	11/20/2019 10:42	50.8	48.2	0.0	1.0	-23.6	-23.7	-36.0	110.5	63.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW194	11/13/2019 12:56	48.3	45.3	0.4	6.0	-20.0	-20.0	-35.3	88.2	21.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW194	11/21/2019 14:02	48.6	41.2	0.3	9.9	-18.7	-18.7	-31.3	89.2	21.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW196	11/13/2019 10:12	49.3	38.3	0.0	12.4	-13.7	-13.6	-32.2	118.4	45.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW196	11/21/2019 11:53	47.7	39.3	0.0	13.0	-13.2	-12.3	-27.1	116.6	28.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW196	11/21/2019 11:55	47.7	39.0	0.0	13.3	-12.0	-12.3	-27.4	115.0	26.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW199	11/13/2019 10:22	52.5	41.8	0.0	5.7	-8.7	-9.3	-14.1	121.8	57.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW199	11/21/2019 11:51	50.1	40.3	0.0	9.6	-10.1	-10.6	-12.7	121.3	49.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW200	11/13/2019 12:28	26.7	36.1	0.0	37.2	-5.7	-3.8	-32.2	119.8	33.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW200	11/21/2019 12:47	35.9	32.4	4.9	26.8	-3.3	-1.8	-28.0	108.0	40.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW200	11/21/2019 12:49	35.8	33.6	4.9	25.7	-1.6	-1.8	-29.7	105.8	15.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW201	11/13/2019 12:25	27.9	37.2	0.0	34.9	-3.5	-2.5	-31.8	117.9	34.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW201	11/21/2019 12:58	37.8	37.5	0.0	24.7	-0.9	-0.6	-30.5	113.7	15.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW201	11/21/2019 13:00	37.5	38.2	0.0	24.3	-0.6	-0.6	-30.8	112.5	19.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW203	11/8/2019 11:40	35.6	35.5	0.4	28.5	-26.3	-25.6	-37.0	86.7	7.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW203	11/22/2019 11:48	41.1	32.9	0.4	25.6	-23.1	-22.2	-35.8	86.9	8.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW203	11/22/2019 11:49	41.0	32.5	0.3	26.2	-21.6	-21.5	-35.8	86.7	6.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW204	11/8/2019 12:02	28.3	32.6	0.0	39.1	-27.0	-22.7	-30.9	108.0	10.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW204	11/22/2019 11:54	48.7	38.2	0.0	13.1	-9.1	-9.1	-34.2	109.8	7.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW205	11/13/2019 12:35	15.3	28.9	1.9	53.9	-1.3	-0.9	-15.2	134.1	33.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW205	11/13/2019 12:42	13.2	23.9	3.4	59.5	-0.7	-0.6	-15.6	129.7	14.2	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW205	11/23/2019 10:15	47.9	42.6	0.0	9.5	-0.1	-0.1	-16.7	126.7	13.9	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW209	11/13/2019 10:51	55.2	44.8	0.0	0.0	-5.1	-5.0	-32.9	130.3	6.7	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXMEW209	11/21/2019 11:15	56.8	41.8	0.0	1.4	-2.6	-2.7	-32.5	128.5	5.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW209	11/21/2019 11:18	55.0	45.0	0.0	0.0	-2.8	-2.8	-32.9	129.7	9.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW210	11/8/2019 11:24	49.6	36.4	0.1	13.9	-36.0	-35.8	-36.8	124.2	146.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW210	11/22/2019 12:37	53.1	34.5	0.2	12.2	-36.5	-36.5	-37.3	124.3	13.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW300	11/13/2019 11:50	59.1	40.8	0.1	0.0	-33.8	-33.9	-35.9	107.1	19.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW300	11/21/2019 13:56	59.4	38.5	0.0	2.1	-31.4	-31.5	-32.1	107.8	17.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW301	11/13/2019 11:47	41.5	26.9	4.8	26.8	-4.8	-4.4	-35.8	73.8	13.6	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW301	11/21/2019 13:53	45.9	33.8	3.8	16.5	-3.8	-4.2	-32.2	82.8	11.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW301	11/21/2019 13:54	47.5	34.8	4.2	13.5	-4.7	-4.6	-32.5	83.7	10.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW302	11/13/2019 11:54	33.8	35.9	0.0	30.3	-27.1	-22.7	-35.2	112.6	43.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW302	11/21/2019 13:46	38.7	37.5	0.0	23.8	-17.4	-13.0	-32.5	112.8	43.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW302	11/21/2019 13:47	38.5	36.2	0.0	25.3	-12.2	-12.0	-32.5	111.9	52.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW303	11/8/2019 11:20	58.1	41.9	0.0	0.0	-39.1	-38.7	-38.3	92.1	29.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW303	11/22/2019 12:43	61.8	37.9	0.3	0.0	-38.1	-38.1	-38.1	85.1	11.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW305	11/13/2019 11:59	45.3	40.2	0.0	14.5	-11.3	-10.0	-33.5	117.0	15.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW305	11/21/2019 13:38	51.4	40.3	0.0	8.3	-6.1	-6.3	-31.6	109.9	11.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW306	11/8/2019 11:28	16.8	28.7	0.7	53.8	-10.3	-8.3	-33.9	119.8	68.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW306	11/22/2019 12:28	34.8	33.2	0.3	31.7	-5.1	-4.0	-36.7	119.7	38.1	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW306	11/22/2019 12:29	35.2	32.8	0.3	31.7	-3.5	-3.4	-37.4	118.6	17.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW307	11/13/2019 13:44	54.1	44.5	1.4	0.0	-35.7	-36.5	-36.3	92.1	9.0	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW307	11/23/2019 10:21	53.3	40.9	1.6	4.2	-37.4	-37.4	-37.5	88.9	7.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW308	11/13/2019 10:44	51.9	41.1	0.0	7.0	-14.0	-14.0	-33.1	118.2	24.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW308	11/21/2019 11:25	48.4	41.3	0.0	10.3	-19.7	-19.9	-32.0	116.1	19.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW309	11/13/2019 12:09	48.1	44.8	0.0	7.1	-23.9	-24.3	-36.7	126.0	66.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW309	11/21/2019 13:34	47.5	41.7	0.0	10.8	-22.7	-20.0	-31.1	126.1	56.2	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW309	11/21/2019 13:36	47.5	39.8	0.0	12.7	-19.9	-19.7	-32.4	126.0	55.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW310	11/13/2019 10:19	50.4	42.5	0.0	7.1	-3.0	-2.9	-13.7	113.2	51.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW310	11/19/2019 13:11	51.2	39.0	0.1	9.7	-3.4	-3.4	-14.6	110.7	43.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW311	11/8/2019 12:14	47.6	43.0	0.0	9.4	-23.7	-20.3	-33.5	119.8	51.1	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW311	11/22/2019 12:16	58.0	41.8	0.2	0.0	-12.0	-13.1	-34.7	120.0	31.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW311	11/22/2019 12:16	58.3	41.5	0.2	0.0	-14.2	-14.2	-34.7	120.2	43.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW312	11/13/2019 10:34	52.9	42.8	0.0	4.3	-4.3	-6.7	-12.5	106.0	150.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW312	11/21/2019 11:34	44.7	38.7	0.0	16.6	-9.3	-7.0	-15.3	108.1	184.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW312	11/21/2019 11:35	44.9	38.6	0.0	16.5	-6.1	-6.2	-13.0	107.4	163.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW313	11/14/2019 13:24	37.0	38.4	1.1	23.5	-35.7	-33.6	-39.2	71.6	21.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW313	11/20/2019 11:46	44.7	40.8	1.5	13.0	-29.7	-26.3	-37.5	71.8	29.4	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW313	11/20/2019 11:48	44.5	40.8	1.4	13.3	-20.0	-20.0	-37.2	72.5	25.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW314	11/8/2019 13:42	51.2	39.9	0.6	8.3	-15.5	-15.5	-41.1	76.5	10.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW314	11/12/2019 13:27	50.8	44.5	0.0	4.7	-17.1	-16.7	-46.2	77.7	37.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW314	11/20/2019 11:27	51.8	45.9	0.0	2.3	-15.3	-15.7	-37.5	74.7	29.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW315	11/13/2019 10:57	49.4	41.6	0.5	8.5	-22.3	-22.3	-32.7	118.0	5.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW315	11/21/2019 11:08	50.2	37.7	0.8	11.3	-21.0	-21.0	-33.1	118.2	6.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW316	11/13/2019 9:47	59.6	40.4	0.0	0.0	-28.8	-28.9	-30.8	108.9	6.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW316	11/21/2019 12:11	58.6	41.4	0.0	0.0	-26.7	-26.8	-28.4	108.3	20.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW317	11/13/2019 9:54	55.4	41.2	0.0	3.4	-31.3	-31.2	-31.5	109.8	31.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW317	11/21/2019 12:06	56.2	39.4	0.0	4.4	-28.3	-28.2	-28.4	109.6	36.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW318	11/13/2019 10:03	37.4	37.8	0.0	24.8	-6.1	-4.9	-32.3	114.3	41.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW318	11/21/2019 12:00	45.7	40.1	0.0	14.2	-3.0	-2.4	-26.7	113.2	24.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW318	11/21/2019 12:02	45.6	38.6	0.0	15.8	-2.4	-2.2	-27.8	112.3	33.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW319	11/13/2019 10:16	49.0	39.8	0.0	11.2	-13.4	-13.3	-31.5	109.8	29.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW319	11/19/2019 13:16	50.1	38.8	0.4	10.7	-13.8	-13.8	-33.9	108.7	96.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW320	11/12/2019 11:15	56.7	43.3	0.0	0.0	-16.3	-16.1	-15.3	125.1	30.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW320	11/19/2019 12:50	59.1	39.5	0.4	1.0	-12.1	-12.2	-12.2	123.6	12.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW321	11/12/2019 10:57	53.6	42.5	0.5	3.4	-4.0	-7.7	-16.7	110.1	41.9	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW321	11/19/2019 11:53	50.4	37.4	1.5	10.7	-8.1	-8.1	-16.5	113.4	44.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW322	11/13/2019 9:42	57.6	41.5	0.0	0.9	-8.7	-8.7	-33.6	119.8	12.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW322	11/21/2019 12:16	57.5	42.1	0.0	0.4	-8.9	-8.7	-30.9	119.5	16.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW322	11/21/2019 12:18	57.1	42.9	0.0	0.0	-9.3	-9.0	-30.5	119.7	29.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW323	11/12/2019 11:55	53.4	46.6	0.0	0.0	-34.8	-34.7	-33.9	117.1	34.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW323	11/23/2019 10:09	56.4	43.6	0.0	0.0	-34.4	-34.4	-34.2	116.8	25.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW325	11/14/2019 10:59	59.8	40.2	0.0	0.0	-33.4	-33.4	-33.9	58.6	10.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW325	11/23/2019 10:32	58.7	41.3	0.0	0.0	-35.4	-35.4	-34.3	63.0	8.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW328	11/12/2019 10:44	57.4	42.6	0.0	0.0	-35.9	-35.7	-34.7	101.8	18.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW328	11/19/2019 11:34	60.4	39.0	0.0	0.6	-34.0	-34.0	-33.3	98.4	22.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW328	11/19/2019 11:35	60.5	39.4	0.0	0.1	-34.0	-34.2	-34.4	98.6	22.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEWHC1	11/14/2019 10:30	56.6	43.4	0.0	0.0	-34.6	-34.7	-35.0	61.5		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWHC1	11/22/2019 11:14	52.9	38.0	0.7	8.4	-36.7	-36.7	-36.8	85.5		Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW05	11/14/2019 13:14	51.9	48.1	0.0	0.0	-39.3	-38.7	-39.4	115.5	48.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW05	11/20/2019 12:18	52.3	47.7	0.0	0.0	-42.1	-42.1	-42.4	118.2	19.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW06	11/14/2019 13:11	51.8	48.2	0.0	0.0	-39.4	-39.8	-39.6	90.3	43.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW06	11/20/2019 12:21	52.9	47.1	0.0	0.0	-41.7	-42.0	-42.0	92.7	19.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW08	11/12/2019 9:55	40.4	35.5	4.9	19.2	-2.2	-1.7	-20.4	93.7	115.3	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW08	11/20/2019 10:45	52.6	46.4	0.2	0.8	-0.1	-0.2	-6.4	72.1	13.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW08	11/20/2019 10:47	51.3	48.5	0.2	0.0	-0.4	-0.3	-6.0	74.5	11.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW15	11/14/2019 13:28	55.3	44.7	0.0	0.0	-39.1	-38.8	-39.3	57.4	29.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW15	11/20/2019 11:51	55.1	44.9	0.0	0.0	-37.4	-37.0	-36.9	69.6	25.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW16	11/14/2019 13:07	53.8	46.2	0.0	0.0	-36.0	-36.4	-36.7	75.2	28.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW16	11/20/2019 12:24	52.8	47.2	0.0	0.0	-38.7	-38.7	-39.0	86.0	21.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	11/1/2019 13:38	16.0	13.4	13.1	57.5	-35.2	-36.0	-35.1	76.8	20.7	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	11/1/2019 13:39	29.8	24.3	10.6	35.3	-35.7	-35.0	-35.7	76.1	9.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	11/8/2019 13:02	56.1	41.9	0.2	1.8	-36.4	-36.8	-37.1	73.6	11.5	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	11/23/2019 9:43	53.0	45.5	0.3	1.2	-37.4	-37.4	-37.6	59.4	32.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW18	11/1/2019 13:19	56.8	40.6	0.5	2.1	-34.0	-34.0	-36.1	71.1	12.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW18	11/8/2019 11:10	55.9	40.3	0.6	3.2	-35.3	-35.4	-38.0	66.4	24.8	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW18	11/23/2019 9:32	56.2	43.2	0.0	0.6	-34.4	-34.5	-37.3	63.1	11.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1G	11/14/2019 12:53	47.2	44.9	0.1	7.8	-35.7	-33.4	-38.3	70.2	39.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW1G	11/20/2019 12:38	48.5	46.2	0.0	5.3	-34.4	-34.7	-39.7	71.6	34.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW1I	11/14/2019 12:55	54.3	45.7	0.0	0.0	-37.0	-37.6	-37.6	66.4	11.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1I	11/20/2019 12:35	53.6	46.4	0.0	0.0	-40.1	-39.4	-41.0	69.3	22.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1J	11/14/2019 12:58	46.8	44.5	1.1	7.6	-21.7	-18.7	-38.3	81.5	55.4	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW1J	11/20/2019 12:33	48.7	48.0	0.4	2.9	-18.6	-18.6	-41.1	82.6	51.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW1K	11/14/2019 13:01	48.2	46.4	0.1	5.3	-40.0	-40.1	-40.2	75.7	33.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW1K	11/20/2019 12:31	50.7	45.9	0.1	3.3	-42.4	-42.1	-42.6	79.2	32.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW1S	11/1/2019 13:28	56.9	39.5	0.7	2.9	-35.8	-36.0	-36.5	70.0	22.3	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW1S	11/8/2019 12:45	57.0	38.1	0.8	4.1	-36.9	-37.1	-37.1	69.1	21.7	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW1S	11/23/2019 9:37	57.2	42.5	0.0	0.3	-37.0	-37.0	-37.0	66.9	29.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW26	11/1/2019 13:24	53.1	40.0	1.8	5.1	-36.4	-36.7	-37.1	74.1	14.7	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEWW26	11/8/2019 11:13	50.7	37.2	2.8	9.3	-37.7	-37.7	-38.1	63.7	12.5	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW26	11/23/2019 9:34	58.8	39.5	0.0	1.7	-37.2	-37.4	-37.5	61.3	29.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	11/14/2019 13:58	54.5	45.4	0.1	0.0	-34.7	-33.9	-33.4	59.9	0.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	11/23/2019 11:30	54.7	45.3	0.0	0.0	-39.7	-38.8	-37.9	72.3	1.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	11/14/2019 14:00	53.3	46.6	0.1	0.0	-36.6	-36.7	-37.9	56.1	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	11/23/2019 11:33	52.3	47.7	0.0	0.0	-39.4	-39.6	-41.6	72.0	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	11/14/2019 14:03	53.7	46.0	0.4	0.0	-38.3	-38.4	-38.4	56.5	8.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	11/23/2019 11:35	53.3	46.6	0.1	0.0	-41.4	-41.0	-40.9	68.4	7.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMNEW1D	11/14/2019 12:40	54.4	45.6	0.0	0.0	-26.5	-26.7	-38.1	67.1	10.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMNEW1D	11/20/2019 12:06	55.8	44.2	0.0	0.0	-29.3	-29.2	-40.0	69.6	10.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW30	11/14/2019 10:53	17.8	29.9	1.1	51.2	-35.0	-34.4	-36.1	62.6		Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMPEW30	11/22/2019 11:00	15.1	27.8	1.5	55.6	-35.4	-35.4	-36.9	64.0		Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMPEW31	11/14/2019 12:46	53.7	46.3	0.0	0.0	-39.8	-39.9	-40.1	78.4	12.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW31	11/20/2019 12:43	53.5	46.5	0.0	0.0	-42.1	-42.1	-42.3	87.3	6.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW32	11/12/2019 13:14	53.9	46.1	0.1	0.0	-37.7	-37.7	-41.7	81.0	97.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMPEW32	11/20/2019 11:11	49.1	38.6	0.2	12.1	-33.4	-32.9	-36.7	77.4	92.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMPEW33	11/12/2019 13:21	42.0	40.2	0.0	17.8	-14.6	-12.0	-45.3	91.6	18.9	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMPEW33	11/20/2019 11:14	55.3	44.4	0.0	0.3	-6.6	-7.0	-36.8	87.6	8.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMPEW33	11/20/2019 11:16	55.1	44.9	0.0	0.0	-8.0	-7.7	-36.1	88.2	10.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMPEW35	11/14/2019 12:33	54.2	45.7	0.1	0.0	-38.7	-38.7	-39.6	126.3	46.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW35	11/20/2019 12:13	52.7	47.2	0.1	0.0	-41.1	-41.5	-42.0	126.5	48.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW36	11/14/2019 13:17	53.7	46.3	0.0	0.0	-39.4	-39.2	-40.0	66.6	8.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW36	11/20/2019 12:16	54.7	45.3	0.0	0.0	-42.7	-42.4	-42.7	77.0	5.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW42	11/14/2019 13:26	54.3	45.7	0.0	0.0	-38.7	-38.8	-39.2	64.9	26.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW42	11/20/2019 11:49	54.0	46.0	0.0	0.0	-37.4	-37.4	-37.2	71.4	20.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW44	11/1/2019 13:34	57.0	40.8	0.4	1.8	-35.0	-34.0	-35.4	80.2	27.6	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMPEW44	11/8/2019 12:52	58.2	40.5	0.2	1.1	-37.9	-37.4	-38.1	78.6	6.2	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMPEW44	11/23/2019 9:39	55.6	44.2	0.0	0.2	-37.0	-37.0	-37.3	70.7	31.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	11/14/2019 13:31	55.8	44.1	0.1	0.0	-38.4	-38.4	-38.6	54.7	11.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	11/20/2019 11:53	54.3	45.7	0.0	0.0	-37.1	-37.0	-36.9	79.3	7.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	11/20/2019 11:53	54.3	45.7	0.0	0.0	-37.1	-37.0	-36.9	79.3	7.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW50	11/8/2019 13:37	54.3	39.9	0.3	5.5	-27.9	-23.2	-31.7	94.8	64.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMPEW50	11/20/2019 11:24	51.7	46.8	0.1	1.4	-32.6	-30.7	-33.4	93.9	90.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXPEW30A	11/14/2019 12:31	55.7	44.2	0.1	0.0	-39.8	-39.8	-39.9	59.2	26.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXPEW30A	11/20/2019 12:10	54.4	45.5	0.1	0.0	-42.1	-42.1	-42.3	72.3	23.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

**Italic** = HOV approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions recorded by GEM.

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. wc. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

≤15% Oxygen HOV Condition Application Number 10164 part 18(b)(i)
OXMEWW17 and OXMHCF06

≤15% Oxygen LTCO Condition Application Number 10164 part 18(d)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS13, OMTLTS14, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, and OMTLTS20.



**OX MOUNTAIN LANDFILL**

Wellfield Monitoring Report - December 2, 3, 4, 6, 10, 12, 16, 18, 19, 20, 21, 23, and 31, 2019

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMLEW101	12/3/2019 13:06	52.9	42.1	1.5	3.5	-0.4	-0.4	-36.5	74.5	0.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLEW101	12/20/2019 12:14	53.8	45.9	0.3	0.0	-0.1	-1.6	-34.9	74.8	0.0	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMLEW101	12/20/2019 12:16	52.0	46.6	1.4	0.0	-2.1	-2.2	-35.1	76.1	87.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLEW104	12/10/2019 13:29	52.0	39.7	0.0	8.3	-15.0	-14.7	-37.9	82.8	50.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLEW104	12/21/2019 8:03	53.1	41.4	0.2	5.3	-11.2	-13.0	-28.7	79.3	30.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMLEW104	12/21/2019 8:05	53.3	41.7	0.3	4.7	-15.1	-15.1	-29.5	80.4	56.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLEW107	12/10/2019 13:31	58.7	39.6	0.0	1.7	-38.3	-38.3	-38.1	67.6	9.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OMLEW107	12/21/2019 8:02	55.1	43.3	0.9	0.7	-29.4	-29.6	-29.0	64.2	12.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OMLFEW59	12/10/2019 11:52	49.8	41.2	0.0	9.0	-3.0	-2.9	-33.8	113.7	59.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLFEW59	12/19/2019 10:33	53.9	43.4	0.0	2.7	-3.1	-3.3	-35.2	113.7	56.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW59	12/19/2019 10:35	54.2	42.6	0.0	3.2	-3.4	-3.4	-35.5	113.7	62.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLFEW72	12/10/2019 13:43	53.1	37.2	0.0	9.7	-1.0	-2.2	-38.6	57.0		Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW72	12/10/2019 13:45	53.9	37.5	0.0	8.6	-2.5	-2.1	-38.6	59.4		Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLFEW72	12/21/2019 8:14	46.6	40.5	0.0	12.9	-1.8	-3.0	-30.9	49.1		Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW72	12/21/2019 8:17	46.7	41.4	0.0	11.9	-2.7	-2.5	-30.9	52.3		Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLFEW99	12/3/2019 13:56	53.1	40.8	0.0	6.1	-0.3	-0.3	-39.4	84.7	0.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLFEW99	12/19/2019 12:55	56.9	43.1	0.0	0.0	-12.6	-18.0	-32.5	80.6	66.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMLFEW99	12/19/2019 12:58	55.7	44.3	0.0	0.0	-17.9	-17.9	-32.5	80.8	75.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	12/12/2019 9:37	24.6	25.9	5.7	43.8	-3.5	-1.5	-19.8	81.0	71.6	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	12/12/2019 9:38	21.8	25.7	6.8	45.7	-0.7	-0.6	-32.4	76.3	32.0	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	12/21/2019 8:22	44.5	36.2	2.0	17.3	-3.8	-2.1	-9.4	75.4	73.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	12/21/2019 8:23	44.6	37.1	2.2	16.1	-1.6	-1.6	-18.1	74.8	28.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OMTLTS02</b>	12/12/2019 9:40	26.1	27.4	3.8	42.7	-0.7	-0.6	-33.0	74.3	17.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
<b>OMTLTS02</b>	12/12/2019 9:42	26.6	27.7	3.9	41.8	-0.6	-0.6	-33.1	74.3	14.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OMTLTS02</b>	12/21/2019 8:25	45.0	35.9	0.2	18.9	-0.5	-0.6	-25.0	71.1	11.6	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS03</b>	12/12/2019 9:43	27.9	31.2	0.5	40.4	-0.8	-0.7	-33.9	74.8	19.9	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
<b>OMTLTS03</b>	12/12/2019 9:45	28.8	32.0	0.3	38.9	-0.7	-0.7	-33.2	75.0	10.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OMTLTS03</b>	12/21/2019 8:27	44.1	36.9	0.0	19.0	-0.6	-0.6	-27.9	68.7	18.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS04</b>	12/10/2019 14:00	4.8	22.2	0.3	72.7	-0.4	-0.4	-30.5	85.6	12.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
<b>OMTLTS04</b>	12/10/2019 14:01	4.5	21.6	0.3	73.6	-0.4	-0.4	-29.8	85.3	46.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMTLTS04	12/20/2019 12:56	18.3	26.6	0.0	55.1	-0.2	-0.2	-33.9	78.4	15.4	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS05	12/10/2019 13:49	18.6	24.3	0.3	56.8	-0.5	-0.5	-31.7	93.0	19.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS05	12/10/2019 13:50	18.4	25.4	0.3	55.9	-0.5	-0.5	-33.4	93.2	15.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS05	12/20/2019 12:59	28.6	29.1	0.2	42.1	-0.2	-0.2	-32.8	90.9	16.1	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS06	12/10/2019 13:44	5.9	5.9	15.9	72.3	-0.5	-3.6	-30.1	92.5	12.0	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS06	12/10/2019 13:46	18.3	17.6	7.9	56.2	-4.7	-0.7	-18.4	101.8	108.0	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS06	12/20/2019 13:01	17.2	18.9	8.4	55.5	-0.3	-0.2	-30.6	96.4	13.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS06	12/20/2019 13:03	19.1	19.0	7.9	54.0	-0.2	-0.2	-31.2	90.9	13.5	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OMTLTS07	12/10/2019 13:24	40.9	32.4	2.1	24.6	-0.5	-0.5	-35.1	86.0	13.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS07	12/20/2019 13:17	47.6	40.6	0.1	11.7	-0.3	-0.3	-27.3	84.0	15.1	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS08	12/10/2019 13:18	13.2	11.6	12.2	63.0	-0.5	-2.7	-27.7	93.7	14.6	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS08	12/10/2019 13:21	25.8	21.2	6.2	46.8	-3.2	-0.8	-12.8	101.8	76.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS08	12/20/2019 13:22	14.4	18.6	5.7	61.3	-4.8	-4.5	-12.6	97.9	89.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS08	12/20/2019 13:24	16.8	19.5	5.5	58.2	-4.1	-4.5	-14.3	98.4	84.8	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OMTLTS09	12/12/2019 9:44	0.4	10.6	6.2	82.8	-0.6	-4.3	-29.8	58.8	14.6	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS09	12/12/2019 9:46	8.5	18.4	1.6	71.5	-5.5	-1.2	-10.8	89.4	84.9	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS09	12/20/2019 13:25	14.4	23.5	0.9	61.2	-0.5	-0.5	-26.7	80.2	13.6	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS10	12/12/2019 9:49	10.8	17.8	4.4	67.0	-0.6	-0.6	-29.8	58.6	14.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS10	12/20/2019 13:28	20.3	22.1	1.8	55.8	-0.6	-0.5	-28.5	82.8	11.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS11	12/12/2019 9:57	4.3	11.5	10.1	74.1	-0.6	-2.7	-30.4	63.7	13.9	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS11	12/12/2019 9:59	2.3	7.4	13.1	77.2	-3.5	-0.9	-12.7	84.4	80.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS11	12/20/2019 13:33	9.2	16.3	4.6	69.9	-0.5	-0.5	-30.4	75.4	11.5	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS12	12/12/2019 10:02	0.1	0.5	19.6	79.8	-0.7	-3.9	-31.2	87.3	15.4	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS12	12/12/2019 10:03	0.1	0.5	19.2	80.2	-4.3	-0.9	-14.6	93.4	89.4	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS12	12/20/2019 13:35	0.3	5.0	16.3	78.4	-0.6	-0.6	-29.9	93.4	12.3	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS12	12/20/2019 13:36	0.2	3.7	16.2	79.9	-0.5	-0.5	-32.3	85.8	13.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS15	12/12/2019 10:22	17.6	22.6	3.3	56.5	-0.7	-0.7	-35.2	94.1	16.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS15	12/20/2019 13:45	14.4	23.8	3.3	58.5	-0.6	-0.6	-35.5	93.4	29.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS16	12/6/2019 9:39	2.6	13.4	10.0	74.0	-0.6	-0.6	-33.3	78.3	8.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS16	12/6/2019 9:47	2.7	12.6	10.2	74.5	-0.6	-0.6	-36.2	77.5	5.2	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OMTLTS16	12/12/2019 10:27	3.7	4.5	15.3	76.5	-0.7	-2.3	-26.1	68.9	12.8	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMTLTS16	12/12/2019 10:28	3.4	9.5	7.7	79.4	-3.2	-1.1	-24.5	84.2	81.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS16	12/20/2019 13:51	8.9	18.6	4.9	67.6	-0.1	-0.1	-35.8	85.5	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS17	12/12/2019 10:33	12.9	21.9	1.3	63.9	-0.7	-0.7	-31.7	90.1	11.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS17	12/20/2019 13:52	42.1	33.6	0.8	23.5	-0.7	-0.7	-33.4	86.5	12.8	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS18	12/12/2019 10:36	57.0	41.4	0.0	1.6	-1.2	-1.4	-32.3	75.4	35.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS18	12/12/2019 10:37	57.0	42.3	0.0	0.7	-1.6	-1.4	-30.3	75.4	53.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS18	12/20/2019 13:55	54.9	44.8	0.3	0.0	-1.3	-2.5	-33.7	73.8	58.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS18	12/20/2019 13:57	54.7	45.0	0.3	0.0	-2.5	-2.5	-31.9	73.9	64.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS19	12/12/2019 10:41	46.9	38.1	4.0	11.0	-1.2	-1.0	-31.0	74.5	52.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS19	12/12/2019 10:42	46.6	37.6	4.3	11.5	-1.0	-0.9	-32.1	74.5	31.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS19	12/20/2019 13:59	51.7	43.6	1.5	3.2	-1.0	-0.8	-31.7	74.3	45.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMTLTS20	12/12/2019 10:46	25.8	22.3	9.5	42.4	-1.9	-1.1	-32.4	77.2	73.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS20	12/12/2019 10:46	23.2	20.7	10.5	45.6	-1.0	-0.9	-33.1	77.0	53.5	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OMTLTS20	12/20/2019 14:00	28.0	24.6	8.1	39.3	-0.9	-0.5	-33.6	75.7	49.9	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS20	12/20/2019 14:02	27.3	23.0	8.6	41.1	-0.5	-0.5	-35.3	75.2	31.7	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEW133B	12/12/2019 9:56	46.3	39.3	0.1	14.3	-7.7	-4.5	-30.0	82.9	48.3	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW133B	12/12/2019 9:57	46.1	40.1	0.2	13.6	-5.4	-4.5	-30.6	82.9	67.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW133B	12/21/2019 8:50	47.1	44.8	0.8	7.3	-7.7	-3.4	-27.6	77.9	91.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW133B	12/21/2019 8:52	47.0	44.3	0.9	7.8	-8.3	-4.5	-30.2	78.3	111.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW134A	12/12/2019 9:53	44.2	37.9	0.1	17.8	-16.4	-7.7	-32.9	85.5	40.7	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW134A	12/12/2019 9:55	44.4	38.9	0.2	16.5	-9.0	-8.0	-33.7	85.5	40.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW134A	12/21/2019 8:47	43.3	39.1	0.2	17.4	-6.7	-5.7	-29.0	74.3	22.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW134A	12/21/2019 8:49	43.2	39.7	0.2	16.9	-5.1	-6.4	-28.9	74.5	0.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW134B	12/12/2019 9:50	0.1	0.9	20.6	78.4	-33.3	-22.3	-32.9	73.4	89.3	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW134B	12/12/2019 9:52	0.2	0.8	20.5	78.5	-20.7	-20.6	-32.8	71.4	0.0	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEW134B	12/21/2019 8:44	1.2	3.2	21.0	74.6	-29.1	-22.0	-28.9	76.8	27.3	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW134B	12/21/2019 8:46	0.3	1.4	20.7	77.6	-9.3	-9.3	-30.8	69.4	0.0	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEW137B	12/10/2019 13:39	57.2	42.3	0.6	0.0	-31.0	-33.1	-34.6	75.0		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW137B	12/20/2019 13:06	53.1	42.0	1.0	3.9	-31.7	-29.6	-31.4	77.4	35.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW140B	12/10/2019 13:30	58.4	41.6	0.0	0.0	-34.0	-32.6	-36.9	80.2	10.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW140B	12/20/2019 13:12	55.1	44.9	0.0	0.0	-29.9	-27.6	-31.9	77.7	6.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1601	12/4/2019 12:17	54.1	38.8	0.0	7.1	-19.3	-20.2	0.4	123.6	118.4	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1601	12/4/2019 12:18	54.1	38.9	0.1	6.9	-20.7	-20.1	-0.6	123.8	124.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1601	12/18/2019 10:04	59.0	40.9	0.1	0.0	-8.4	-8.8	1.3	122.9	85.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1602	12/4/2019 13:51	51.9	38.5	0.0	9.6	-27.3	-27.6	-34.8	124.0	94.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1602	12/18/2019 12:35	54.7	40.2	0.0	5.1	-12.8	-12.7	-15.7	124.3	65.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1603	12/4/2019 12:29	58.9	39.7	0.0	1.4	-24.6	-24.7	-29.0	122.9	92.5	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1603	12/4/2019 12:31	58.8	40.0	0.1	1.1	-24.6	-24.7	-28.7	123.1	101.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1603	12/18/2019 10:19	59.6	40.3	0.1	0.0	-10.2	-10.4	-10.4	122.7	113.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1604	12/4/2019 13:42	49.3	39.2	0.0	11.5	-6.0	-6.5	-33.2	128.1	46.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1604	12/18/2019 12:16	58.2	41.1	0.0	0.7	-1.2	-0.9	-14.4	126.3	27.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1606	12/12/2019 11:44	0.7	2.8	19.3	77.2	-15.0	-11.0	-14.6	57.0	0.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1606	12/12/2019 11:47	0.8	2.7	19.7	76.8	-2.5	-2.8	-14.7	56.8	8.3	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEW1606	12/21/2019 10:12	0.6	2.3	20.1	77.0	-1.2	-1.1	-11.2	54.5	16.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1606	12/21/2019 10:15	0.5	1.6	19.9	78.0	-1.2	-1.2	-11.4	54.7	16.0	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEW1611	12/12/2019 11:43	61.7	38.0	0.0	0.3	-13.3	-13.2	-14.9	62.4	2.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1611	12/21/2019 10:10	60.4	39.6	0.0	0.0	-11.0	-11.1	-11.1	58.8	0.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1612	12/4/2019 13:57	49.3	39.0	0.0	11.7	-8.3	-8.6	-34.4	120.4	27.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1612	12/18/2019 12:45	53.0	40.6	0.0	6.4	-3.7	-3.7	-14.5	119.3	19.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1613	12/4/2019 13:37	51.9	38.9	0.0	9.2	-25.6	-25.6	-30.6	125.2	84.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1613	12/18/2019 12:10	58.1	40.6	0.0	1.3	-11.8	-11.8	-14.1	124.3	57.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1614	12/4/2019 13:32	49.8	38.2	0.1	11.9	-3.4	-3.4	-33.6	121.6	60.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1614	12/18/2019 12:01	58.0	40.6	0.0	1.4	-0.8	-1.0	-16.8	121.1	32.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1614	12/18/2019 12:02	58.1	40.8	0.0	1.1	-0.9	-0.9	-15.2	121.3	48.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1616	12/4/2019 13:26	57.0	39.8	0.0	3.2	-14.3	-14.3	-14.5	113.5	40.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1616	12/18/2019 11:46	59.2	40.7	0.1	0.0	-5.7	-5.8	-5.8	111.4	21.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1617	12/6/2019 10:54	54.3	45.7	0.0	0.0	-1.6	-1.8	-16.3	127.2	42.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1617	12/20/2019 10:36	59.2	40.8	0.0	0.0	-0.7	-0.7	-14.4	126.9	13.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1618	12/4/2019 13:39	46.6	38.6	0.0	14.8	-1.9	-1.4	-33.4	130.5	37.0	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1618	12/4/2019 13:40	52.6	39.1	0.0	8.3	-1.3	-1.3	-32.9	129.6	28.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1618	12/18/2019 12:21	60.1	39.9	0.0	0.0	1.8	-0.6	-15.3	124.5	0.0	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1618	12/18/2019 12:22	59.7	40.3	0.0	0.0	-1.0	-1.0	-14.4	128.3	70.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1619	12/12/2019 10:28	54.4	45.6	0.0	0.0	-17.4	-17.3	-17.9	125.1	11.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1619	12/20/2019 14:27	55.4	44.6	0.0	0.0	-16.6	-16.6	-17.6	125.1	14.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1620	12/12/2019 10:35	43.2	41.6	0.0	15.2	-10.0	-8.0	-17.6	110.8	20.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1620	12/12/2019 10:38	43.1	41.9	0.0	15.0	-7.0	-7.0	-18.0	108.1	12.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1620	12/21/2019 8:35	51.5	39.0	0.0	9.5	-4.4	-4.4	-14.2	102.0	7.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1621	12/6/2019 12:17	50.6	44.7	0.0	4.7	-0.3	-0.3	-17.3	122.0	22.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1621	12/20/2019 12:51	55.2	41.0	0.0	3.8	-0.3	-0.4	-15.5	119.7	37.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1621	12/20/2019 12:52	55.2	41.0	0.0	3.8	-0.6	-0.6	-15.2	121.8	21.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1622	12/12/2019 10:24	53.1	46.1	0.3	0.5	-16.9	-17.3	-17.3	122.7	17.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1622	12/20/2019 14:29	51.5	44.3	1.0	3.2	-16.0	-15.3	-16.4	121.1	22.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1623	12/12/2019 11:49	57.4	35.5	1.5	5.6	-30.0	-29.7	-29.5	57.9	9.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1623	12/21/2019 10:18	56.6	34.5	2.4	6.5	-28.0	-28.4	-28.1	54.9	5.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1624	12/6/2019 9:50	50.1	30.7	3.8	15.4	-12.0	-12.0	-14.8	61.9	0.2	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1624	12/21/2019 10:07	49.9	32.2	3.5	14.4	-11.1	-11.0	-10.9	54.5	0.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1625	12/10/2019 13:00	28.1	17.3	10.8	43.8	-38.3	-10.6	-38.0	59.0	3.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	12/10/2019 13:01	28.2	18.4	14.6	38.8	-9.0	-9.3	-37.9	58.3	1.6	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1625	12/20/2019 12:43	24.8	15.9	11.1	48.2	-35.2	-30.9	-34.9	68.5	3.4	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	12/20/2019 12:45	28.6	17.3	10.7	43.4	-28.6	-26.3	-35.3	67.3	19.8	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEW1626	12/10/2019 13:03	60.5	35.6	0.5	3.4	-38.0	-38.2	-37.9	59.0	27.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1626	12/20/2019 12:49	61.1	38.7	0.1	0.1	-34.6	-34.4	-34.6	67.5	10.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1701	12/6/2019 11:19	55.3	44.7	0.0	0.0	-33.4	-33.1	-35.6	112.5	33.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1701	12/20/2019 11:32	61.2	38.8	0.0	0.0	-29.0	-29.0	-31.1	114.3	32.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	12/4/2019 13:01	57.4	40.8	0.0	1.8	-28.4	-28.0	-33.2	117.1	50.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	12/18/2019 11:15	59.7	40.3	0.0	0.0	-8.8	-8.8	-11.0	117.1	37.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	12/4/2019 13:09	57.8	40.9	0.0	1.3	-31.5	-31.6	-33.4	126.9	22.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	12/18/2019 11:03	59.7	40.3	0.0	0.0	-8.1	-8.1	-9.3	126.0	19.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	12/4/2019 12:44	58.8	38.6	0.0	2.6	-30.9	-30.7	-33.2	112.6	33.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	12/18/2019 10:45	59.9	40.1	0.0	0.0	-9.1	-9.1	-10.0	112.8	25.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1709	12/12/2019 11:36	62.4	37.6	0.0	0.0	-31.1	-30.9	-30.2	56.8	5.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1709	12/21/2019 10:01	36.0	24.8	9.1	30.1	-29.7	-27.8	-29.0	53.6	9.8	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1709	12/21/2019 10:02	34.9	24.0	9.8	31.3	-29.0	-29.2	-28.8	53.6	1.1	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEW1710	12/12/2019 11:55	54.9	45.1	0.0	0.0	-30.4	-30.6	-30.3	59.4	21.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1710	12/21/2019 10:23	53.2	46.2	0.5	0.1	-29.4	-29.4	-29.2	56.7	11.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1711A	12/10/2019 13:11	61.4	36.6	0.1	1.9	-37.7	-37.6	-37.9	60.3	38.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1711A	12/20/2019 12:35	61.7	37.8	0.1	0.4	-34.6	-34.6	-35.0	67.1	23.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1712A	12/10/2019 13:14	60.5	35.9	0.1	3.5	-38.0	-37.4	-38.0	63.9	13.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1712A	12/20/2019 12:40	58.8	38.1	0.3	2.8	-34.6	-34.6	-35.1	64.9	12.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1713	12/10/2019 13:15	61.1	37.3	0.2	1.4	-37.8	-35.6	-37.9	68.7	3.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1713	12/20/2019 12:42	61.6	38.1	0.3	0.0	-32.3	-33.0	-35.6	68.2	15.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1714	12/10/2019 13:08	45.4	27.2	4.8	22.6	-38.0	-38.2	-37.5	59.2	11.0	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1714	12/10/2019 13:10	53.5	31.5	2.6	12.4	-38.0	-38.0	-37.8	59.0	10.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1714	12/20/2019 12:32	48.1	35.7	2.9	13.3	-34.6	-34.6	-34.9	65.5	3.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1715	12/3/2019 12:34	54.1	41.7	0.0	4.2	-0.2	-0.5	-40.4	88.5	4.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1715	12/3/2019 12:35	54.0	42.1	0.0	3.9	-0.8	-0.8	-40.7	93.0	7.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1715	12/19/2019 13:20	48.2	46.7	0.0	5.1	-1.9	-1.7	-36.4	91.8	7.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1716	12/10/2019 12:56	58.4	41.5	0.0	0.1	-32.3	-32.3	-38.2	89.4	4.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1716	12/19/2019 10:42	57.1	42.9	0.0	0.0	-31.0	-31.0	-36.2	88.2	4.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1717	12/10/2019 11:31	55.5	41.8	0.1	2.6	-36.7	-36.7	-38.5	114.1	69.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1717	12/20/2019 11:51	54.4	44.8	0.2	0.6	-31.5	-31.4	-32.2	113.7	46.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1801	12/4/2019 13:29	54.3	36.5	0.2	9.0	-27.9	-28.9	-35.9	125.8	72.6	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1801	12/4/2019 13:31	54.4	39.1	0.3	6.2	-29.1	-29.4	-35.1	126.0	85.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1801	12/18/2019 11:57	57.8	42.2	0.0	0.0	-14.2	-14.2	-16.0	125.2	54.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1802	12/4/2019 12:37	59.7	38.8	0.0	1.5	-29.3	-29.7	-29.4	112.8	50.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1802	12/18/2019 10:32	60.1	39.9	0.0	0.0	-11.5	-11.5	-12.1	110.5	51.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1803	12/4/2019 12:33	57.6	39.2	0.4	2.8	-31.3	-31.1	-31.1	57.2	17.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1803	12/18/2019 10:24	60.1	39.9	0.0	0.0	-11.1	-10.9	-10.9	54.9	19.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	12/4/2019 13:45	54.6	38.8	0.0	6.6	-33.0	-33.1	-34.5	118.4	4.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	12/18/2019 12:26	59.3	40.7	0.0	0.0	-14.9	-14.9	-15.3	117.9	20.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1805	12/4/2019 13:50	48.5	37.8	0.1	13.6	-19.8	-20.2	-37.6	122.7	19.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1805	12/18/2019 12:30	58.8	40.6	0.0	0.6	-8.8	-9.1	-16.8	121.6	17.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1805	12/18/2019 12:31	58.8	40.3	0.0	0.9	-9.7	-9.8	-16.2	121.6	17.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1806	12/6/2019 11:59	35.2	38.5	0.0	26.3	-1.7	-1.1	-39.1	119.3	20.7	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1806	12/6/2019 12:01	40.7	41.7	0.0	17.6	-0.9	-0.9	-38.8	118.9	11.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1806	12/20/2019 12:17	57.4	39.3	0.0	3.3	-0.1	-0.8	-33.3	123.1	12.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1806	12/20/2019 12:18	56.3	40.6	0.0	3.1	-1.2	-1.1	-33.5	123.1	22.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1807	12/4/2019 13:14	57.3	38.0	0.0	4.7	-7.8	-7.3	-14.7	126.1	21.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1807	12/18/2019 11:29	60.2	39.8	0.0	0.0	-1.5	-1.5	-0.3	127.0	23.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1808	12/4/2019 12:55	57.2	38.7	0.0	4.1	-3.4	-3.4	-4.4	108.9	6.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1808	12/21/2019 10:49	56.8	43.2	0.0	0.0	-2.3	-2.4	-2.5	108.7	13.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1809	12/4/2019 12:13	52.1	34.2	0.3	13.4	-16.2	-16.3	-30.6	117.1	8.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1809	12/18/2019 9:56	59.1	40.8	0.1	0.0	-6.4	-6.7	-12.9	116.4	17.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1809	12/18/2019 9:57	58.8	41.2	0.0	0.0	-6.7	-6.8	-13.2	116.4	15.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1810	12/10/2019 12:01	53.8	36.5	0.0	9.7	-5.4	-6.4	-37.9	60.1	1.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1810	12/10/2019 12:02	53.9	35.5	0.0	10.6	-11.8	-11.8	-38.3	62.8	4.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1810	12/19/2019 10:20	52.2	36.5	0.0	11.3	-23.8	-26.3	-35.3	67.6	0.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1810	12/19/2019 10:22	51.4	36.4	0.1	12.1	-27.7	-27.7	-36.6	68.0	4.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1810	12/20/2019 10:00	50.9	37.2	0.0	11.9	-29.4	-29.4	-33.9	67.3	2.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1810	12/20/2019 10:03	50.6	37.2	0.0	12.2	-29.1	-34.4	-34.6	66.7	1.6	Valve Adjustment:"Opened valve <25%";Well Condition:"";Well Repairs:""
OXEW1810	12/23/2019 11:32	49.2	37.7	0.1	13.0	-30.0	-30.0	-30.2	64.6	2.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1811	12/6/2019 10:17	47.9	38.4	2.2	11.5	-27.9	-27.3	-34.1	71.6	164.7	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1811	12/6/2019 10:19	47.9	38.3	2.2	11.6	-27.3	-27.1	-35.0	71.8	155.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1811	12/20/2019 10:03	53.2	39.0	1.5	6.3	-23.9	-23.9	-31.6	63.1	152.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1812	12/6/2019 12:56	56.7	42.5	0.3	0.5	-0.8	-2.5	-38.4	121.5	24.8	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1812	12/6/2019 12:58	56.1	43.2	0.7	0.0	-3.4	-3.3	-37.3	123.3	17.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1812	12/21/2019 9:15	53.6	45.3	1.1	0.0	-4.3	-6.0	-32.3	122.0	16.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1812	12/21/2019 9:17	54.9	42.9	0.8	1.4	-7.0	-7.1	-31.0	122.9	18.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1813	12/4/2019 13:22	57.9	39.3	0.1	2.7	-14.0	-13.5	-14.1	122.2	28.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1813	12/18/2019 11:41	59.8	40.2	0.0	0.0	-5.1	-5.1	-5.5	123.8	9.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1815	12/6/2019 11:46	51.9	41.4	0.0	6.7	-12.3	-12.3	-37.7	125.6	28.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1815	12/20/2019 11:56	52.6	36.7	0.0	10.7	-13.1	-13.1	-36.9	125.8	9.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1816	12/4/2019 12:58	52.6	39.9	0.0	7.5	-20.8	-20.8	-36.1	111.0	47.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1816	12/18/2019 11:20	58.5	41.2	0.0	0.3	-7.4	-7.3	-11.6	110.5	20.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1817	12/12/2019 11:22	56.6	43.4	0.0	0.0	-2.9	-2.9	-3.5	99.0	7.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1817	12/21/2019 9:49	54.5	45.5	0.0	0.0	-2.0	-2.0	-2.6	98.6	14.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1818	12/12/2019 11:26	55.4	44.6	0.0	0.0	-26.0	-25.7	-35.6	100.0	45.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1818	12/21/2019 9:46	56.0	44.0	0.0	0.0	-23.6	-23.7	-33.8	100.9	41.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1819	12/12/2019 11:29	56.3	43.7	0.0	0.0	-9.8	-13.3	-41.2	99.3	16.5	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1819	12/12/2019 11:32	56.2	43.8	0.0	0.0	-13.3	-13.4	-40.9	99.9	24.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1819	12/21/2019 9:42	56.9	43.0	0.1	0.0	-14.9	-17.0	-38.9	99.5	26.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1819	12/21/2019 9:44	55.7	44.1	0.2	0.0	-16.7	-16.7	-39.0	99.3	38.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1820	12/12/2019 11:32	56.9	43.1	0.0	0.0	-35.4	-35.6	-34.1	101.5	65.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1820	12/21/2019 9:40	57.1	42.9	0.0	0.0	-32.4	-32.4	-32.8	101.3	10.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1821	12/10/2019 12:23	30.7	26.5	0.0	42.8	-0.1	-0.1	-37.9	56.8	0.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1821	12/19/2019 9:54	29.9	23.3	1.2	45.6	-0.4	-0.2	-34.9	60.1	0.8	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1822	12/10/2019 12:27	11.7	25.6	0.0	62.7	-0.1	-0.1	-37.9	56.1	0.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1822	12/19/2019 9:57	12.0	24.6	0.3	63.1	-0.3	-0.2	-35.3	56.7	0.9	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1823	12/10/2019 12:31	17.4	25.5	0.0	57.1	-0.3	-0.3	-37.3	57.6	0.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1823	12/19/2019 10:04	16.0	22.9	0.8	60.3	-0.3	-0.3	-35.6	60.8	0.4	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1824	12/10/2019 12:37	65.3	34.7	0.0	0.0	-37.4	-37.4	-37.6	57.6	10.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1824	12/10/2019 12:38	65.1	34.8	0.1	0.0	-38.2	-37.4	-38.3	57.9	5.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1824	12/19/2019 10:10	67.3	32.7	0.0	0.0	-35.0	-35.4	-35.9	61.7	5.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1824	12/20/2019 9:52	65.7	33.7	0.0	0.6	-32.7	-33.1	-32.8	57.6	5.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1824	12/20/2019 9:54	66.2	32.8	0.0	1.0	-33.4	-33.6	-32.9	57.9	10.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1824	12/23/2019 11:41	66.9	32.9	0.1	0.1	-30.1	-30.0	-30.5	55.9	21.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1825	12/10/2019 11:56	47.4	38.0	0.9	13.7	-5.0	-5.0	-37.3	62.4	1.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1825	12/19/2019 10:27	46.2	36.0	1.5	16.3	-4.9	-3.4	-36.3	66.0	1.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1825	12/19/2019 10:30	46.3	36.5	1.4	15.8	-2.8	-2.8	-35.7	66.6	0.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1825	12/20/2019 10:08	22.5	28.0	1.4	48.1	-8.9	-8.6	-34.2	64.4	2.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1825	12/20/2019 10:11	25.2	28.3	1.4	45.1	-9.3	-31.7	-33.4	64.6	2.6	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1825	12/23/2019 11:29	42.9	38.0	1.8	17.3	-29.7	-29.7	-30.5	67.5	7.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1826	12/6/2019 12:50	54.3	39.5	0.1	6.1	-1.2	-1.4	-37.1	68.7	8.4	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1826	12/6/2019 12:52	56.0	42.7	0.0	1.3	-1.7	-1.6	-37.1	70.5	10.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1826	12/21/2019 9:28	46.5	44.6	0.0	8.9	-5.7	-5.3	-31.5	83.1	8.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1826	12/21/2019 9:31	46.1	42.4	0.0	11.5	-5.3	-5.7	-31.6	82.8	7.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1901	12/12/2019 10:44	54.9	45.1	0.0	0.0	-15.8	-15.7	-15.6	61.0	9.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1901	12/20/2019 14:19	55.0	44.7	0.3	0.0	-14.9	-14.9	-15.4	64.4	2.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1902	12/4/2019 13:05	43.0	34.3	0.0	22.7	-3.8	-2.9	-34.2	66.2	19.3	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1902	12/4/2019 13:06	43.1	35.1	0.0	21.8	-2.8	-2.6	-34.2	66.2	6.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1902	12/18/2019 11:09	59.0	41.0	0.0	0.0	0.5	-2.3	-10.8	62.1	5.9	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1902	12/18/2019 11:10	58.8	41.2	0.0	0.0	-3.9	-3.9	-11.2	63.5	35.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1904	12/4/2019 12:52	55.5	38.3	0.0	6.2	-15.7	-15.8	-32.5	100.8	84.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1904	12/18/2019 10:58	60.3	39.7	0.0	0.0	-2.2	-2.6	-6.7	81.1	44.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1906	12/4/2019 12:48	57.3	38.1	0.5	4.1	-10.7	-10.6	-30.0	102.6	30.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1906	12/18/2019 10:52	59.9	40.1	0.0	0.0	1.1	1.1	-8.1	101.5	22.2	Valve Adjustment:"NSPS/CAI, No change, Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1906	12/18/2019 10:53	59.8	40.2	0.0	0.0	1.1	1.2	-8.2	101.5	22.1	Valve Adjustment:"NSPS/CAI, No change, Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1906	12/31/2019 9:25	57.1	38.3	0.7	3.9	-22.3	-28.7	-32.3	101.1	22.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"Surging in lateral";Well Repairs:""
OXEW1908	12/12/2019 12:01	56.4	43.6	0.0	0.0	-14.7	-14.7	-27.7	97.7	96.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1908	12/21/2019 10:25	55.5	44.5	0.0	0.0	-13.1	-13.4	-26.7	97.7	92.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1909	12/12/2019 12:00	61.3	38.7	0.0	0.0	-29.0	-29.0	-29.7	96.1	19.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1909	12/21/2019 10:31	57.2	42.8	0.0	0.0	-27.2	-27.1	-27.7	96.1	12.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1910	12/12/2019 12:01	59.7	40.3	0.0	0.0	-15.2	-15.3	-33.3	108.1	98.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1910	12/21/2019 10:33	56.4	43.6	0.0	0.0	-14.3	-14.3	-31.1	107.8	87.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1911	12/4/2019 13:54	53.1	39.2	1.0	6.7	-5.6	-5.8	-37.3	128.1	16.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1911	12/4/2019 13:56	53.3	38.9	0.8	7.0	-6.5	-6.3	-36.7	128.7	17.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1911	12/18/2019 12:39	60.3	39.7	0.0	0.0	-1.1	-1.6	-17.6	128.3	20.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1911	12/18/2019 12:40	60.1	39.8	0.1	0.0	-2.7	-2.7	-17.7	129.2	24.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1912	12/4/2019 12:22	52.4	37.8	0.0	9.8	-6.0	-7.0	-36.1	118.0	10.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1912	12/4/2019 12:24	51.7	38.1	0.0	10.2	-7.7	-7.4	-38.0	117.9	13.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1912	12/18/2019 10:08	56.7	40.2	0.0	3.1	-2.8	-2.8	-14.6	119.7	9.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1913	12/6/2019 13:03	55.7	44.3	0.0	0.0	-0.6	-0.9	-38.2	91.8	13.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1913	12/6/2019 13:05	55.2	44.8	0.0	0.0	-1.0	-0.8	-38.1	91.8	25.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1913	12/21/2019 9:09	55.5	44.5	0.0	0.0	-1.3	-1.7	-31.3	90.9	26.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1913	12/21/2019 9:10	55.0	45.0	0.0	0.0	-1.7	-1.7	-31.9	90.9	32.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1914	12/6/2019 9:59	57.4	42.4	0.0	0.2	-36.7	-36.6	-37.0	105.1	0.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1914	12/20/2019 9:39	59.9	40.1	0.0	0.0	-32.3	-32.3	-32.6	103.1	6.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1915	12/10/2019 11:35	50.1	41.8	0.0	8.1	-5.2	-5.3	-40.3	67.8	8.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1915	12/19/2019 12:45	55.8	44.2	0.0	0.0	-4.4	-5.6	-32.1	64.9	6.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1915	12/19/2019 12:46	55.8	44.2	0.0	0.0	-5.7	-6.0	-32.2	65.5	10.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1916	12/3/2019 11:55	55.0	39.1	0.3	5.6	-38.3	-38.6	-37.9	63.7	4.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1916	12/3/2019 11:56	55.1	42.1	0.3	2.5	-38.6	-38.7	-38.2	64.0	6.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1916	12/19/2019 13:44	56.0	43.8	0.3	0.0	-34.3	-34.3	-34.5	59.9	9.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1917	12/3/2019 12:05	55.2	40.4	0.1	4.3	-38.7	-38.3	-38.6	62.1	4.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1917	12/19/2019 14:08	55.3	44.7	0.0	0.0	-35.3	-34.6	-35.9	60.1	17.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1918	12/10/2019 12:07	54.0	34.6	0.0	11.4	-0.1	-1.0	-38.1	61.2	9.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1918	12/10/2019 12:09	55.9	34.7	0.0	9.4	-2.0	-2.0	-38.3	67.5	12.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1918	12/19/2019 10:17	27.0	27.0	1.8	44.2	-2.5	-1.4	-36.3	82.0	8.1	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1918	12/19/2019 10:18	26.6	27.7	1.8	43.9	-1.2	-1.2	-35.7	81.0	5.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1918	12/20/2019 9:38	32.6	31.0	0.2	36.2	-1.0	-6.0	-33.3	75.7	2.6	Valve Adjustment:"Opened valve <10%";Well Condition:"";Well Repairs:""
OXEW1918	12/23/2019 11:33	19.7	24.6	5.9	49.8	-6.7	-6.7	-30.8	85.1	7.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1918	12/23/2019 11:35	19.4	24.3	5.8	50.5	-6.7	-6.7	-30.8	85.1	8.5	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEW1919	12/10/2019 12:44	61.3	37.3	0.0	1.4	0.0	-2.9	-37.9	61.2	3.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1919	12/10/2019 12:45	61.2	38.3	0.0	0.5	-8.2	-8.1	-37.3	64.6	8.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1919	12/19/2019 10:01	28.1	29.7	0.0	42.2	-1.5	-1.1	-35.9	69.6	2.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1919	12/19/2019 10:03	28.6	31.5	0.2	39.7	-0.8	-0.8	-35.6	69.8	3.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1919	12/20/2019 10:21	47.6	36.9	0.0	15.5	-0.1	-31.6	-33.6	65.3	2.1	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1919	12/23/2019 11:49	27.0	29.9	0.0	43.1	-28.7	-29.0	-30.3	70.2	11.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1920	12/10/2019 12:19	31.5	28.0	0.1	40.4	-0.2	-0.1	-37.7	58.1	4.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1920	12/19/2019 9:52	32.8	26.6	1.3	39.3	-0.3	-0.2	-35.6	61.5	5.9	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1921	12/10/2019 12:50	57.5	39.6	0.0	2.9	-36.4	-36.7	-37.6	109.6	20.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1921	12/10/2019 12:51	57.1	40.4	0.0	2.5	-36.4	-36.3	-37.9	109.8	26.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1921	12/19/2019 10:24	57.0	41.8	0.0	1.2	-34.4	-34.7	-36.1	108.9	25.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW326A	12/10/2019 13:05	62.3	35.3	0.1	2.3	-37.7	-38.0	-37.6	62.4	10.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW326A	12/20/2019 12:46	61.8	37.2	0.2	0.8	-34.9	-34.3	-34.8	67.1	5.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEWHC6A	12/12/2019 12:23	23.8	27.2	5.9	43.1	-30.7	-19.7	-36.1	59.5	2.9	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEWHC6A	12/12/2019 12:25	22.4	24.5	6.0	47.1	-20.7	-19.7	-33.4	59.4	0.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEWHC6A	12/19/2019 12:39	19.9	17.7	11.7	50.7	-31.9	-16.9	-32.5	61.5	0.6	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEWHC6A	12/19/2019 12:40	19.3	18.0	14.6	48.1	-18.3	-18.3	-33.3	61.5	0.3	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEWHC6A	12/20/2019 9:24	0.3	0.7	19.5	79.5	-11.5	-11.4	-35.4	53.2	0.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEWHC6A	12/20/2019 9:28	0.3	1.0	19.7	79.0	-1.2	-34.6	-34.7	53.2	1.2	Valve Adjustment:"Opened valve <10%";Well Condition:"";Well Repairs:""
OXEWHC6A	12/23/2019 11:57	10.7	10.6	15.5	63.2	-31.7	-32.0	-32.0	59.0	2.0	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEWHC6A	12/23/2019 11:59	10.0	10.3	15.8	63.9	-31.9	-32.0	-32.3	60.3	3.9	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXHC1901	12/12/2019 11:53	54.8	45.2	0.0	0.0	-30.7	-31.1	-30.9	70.3	7.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXHC1901	12/21/2019 10:20	52.9	41.7	0.8	4.6	-29.7	-30.4	-29.5	61.2	10.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXHC1922	12/17/2019 12:32	58.2	41.5	0.0	0.3	0.4	0.4	-34.4	63.0	1.3	Valve Adjustment:"";Well Comment:"First reading on new well";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXHC1922	12/17/2019 12:38	58.2	41.5	0.0	0.3	0.4	-0.1	-34.0	63.3	0.9	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXHC1922	12/17/2019 13:28	58.0	41.1	0.0	0.9	-0.1	-0.1	-32.6	61.4	31.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXL4A1	12/2/2019 16:06	53.3	46.0	0.0	0.7	-1.1	-3.3	-37.8	57.4	52.8	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXL4A1	12/3/2019 11:15	54.9	43.5	0.2	1.4	-0.5	-2.2	-40.9	67.8	29.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXL4A1	12/3/2019 11:17	51.9	45.6	0.8	1.7	-2.3	-2.3	-45.2	68.2	63.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXL4A1	12/19/2019 13:11	54.1	45.9	0.0	0.0	-0.1	-0.8	-34.5	65.1	28.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXL4A1	12/19/2019 13:12	53.2	46.8	0.0	0.0	-0.9	-0.9	-36.6	65.1	43.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXL4A2	12/2/2019 16:11	46.2	46.9	1.8	5.1	-0.2	-0.1	-36.8	57.7	14.1	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""
OXL4A2	12/3/2019 11:19	50.8	45.2	0.9	3.1	-0.2	-0.2	-40.6	66.6	17.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXL4A2	12/19/2019 13:13	52.6	47.4	0.0	0.0	-0.2	-0.4	-36.4	64.6	13.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXL4A2	12/19/2019 13:14	52.6	47.4	0.0	0.0	-0.4	-0.4	-35.8	64.8	23.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXL4B1	12/2/2019 16:14	51.8	47.9	0.0	0.3	-0.1	-0.1	-37.3	56.8	19.3	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""
OXL4B1	12/3/2019 11:22	52.8	45.2	0.0	2.0	-0.2	-0.3	-40.7	67.3	21.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXL4B1	12/3/2019 11:22	52.9	46.1	0.0	1.0	-0.4	-0.4	-41.1	67.5	30.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXL4B1	12/19/2019 13:16	51.0	49.0	0.0	0.0	-0.4	-0.3	-36.3	64.9	22.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXL4B2	12/2/2019 16:17	51.7	48.1	0.0	0.2	-0.1	-0.1	-36.7	57.0	8.5	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""
OXL4B2	12/3/2019 11:24	52.9	46.2	0.0	0.9	-0.2	-0.2	-40.8	65.7	10.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXL4B2	12/3/2019 11:25	53.0	46.4	0.0	0.6	-0.2	-0.2	-40.6	66.2	13.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXL4B2	12/19/2019 13:17	50.4	49.6	0.0	0.0	-0.4	-0.3	-35.8	64.6	5.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXL4S07	12/12/2019 11:13	58.3	41.7	0.0	0.0	-6.5	-6.8	-37.2	69.3	119.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXL4S07	12/21/2019 9:53	56.2	43.8	0.0	0.0	-5.3	-5.3	-35.6	72.5	119.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXL4S3A	12/6/2019 13:52	55.3	44.7	0.0	0.0	-30.4	-33.5	-35.3	90.7	125.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXL4S3A	12/10/2019 13:36	58.1	41.9	0.0	0.0	-31.1	-28.4	-35.9	92.7	130.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXL4S3A	12/20/2019 13:08	55.2	44.7	0.1	0.0	-21.9	-28.4	-30.0	93.4	170.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXL4S3B	12/6/2019 13:51	55.1	44.9	0.0	0.0	-27.0	-33.4	-34.5	91.2	159.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXL4S3B	12/10/2019 13:34	57.9	42.1	0.0	0.0	-29.1	-29.0	-36.4	93.6	140.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXL4S3B	12/20/2019 13:10	54.5	45.4	0.1	0.0	-22.3	-24.6	-31.4	93.7	171.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXL4S7B	12/12/2019 11:17	58.7	41.3	0.0	0.0	-6.9	-6.5	-37.0	68.4	116.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXL4S7B	12/21/2019 9:57	56.3	43.8	0.0	0.0	-5.5	-5.6	-34.6	72.7	119.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME302D	12/6/2019 11:42	58.8	40.9	0.0	0.3	-17.7	-18.0	-36.4	116.4	49.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME302D	12/6/2019 11:44	58.2	41.3	0.0	0.5	-18.9	-18.7	-36.3	117.1	60.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME302D	12/20/2019 11:47	55.0	33.7	2.7	8.6	-24.6	-24.6	-34.8	119.7	34.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXME305D	12/6/2019 11:51	56.5	43.5	0.0	0.0	-2.0	-1.9	-35.6	130.1	4.2	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXME305D	12/20/2019 12:05	61.2	38.2	0.0	0.6	-1.5	-1.6	-35.2	129.4	7.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXME305D	12/20/2019 12:06	60.5	39.5	0.0	0.0	-1.7	-1.7	-35.3	130.1	8.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME306D	12/12/2019 10:50	55.5	44.4	0.1	0.0	-23.8	-24.0	-34.4	126.0	64.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME306D	12/12/2019 10:52	54.8	45.1	0.1	0.0	-24.0	-24.0	-34.7	126.0	30.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME306D	12/20/2019 14:14	55.8	44.2	0.0	0.0	-23.5	-23.3	-35.3	126.7	21.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME306D	12/20/2019 14:17	55.6	44.3	0.1	0.0	-23.3	-23.3	-35.2	126.9	29.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME308D	12/6/2019 11:09	49.9	43.4	0.0	6.7	-23.8	-24.2	-38.7	121.8	17.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXME308D	12/20/2019 11:09	54.7	39.6	0.0	5.7	-25.7	-25.8	-35.4	122.7	18.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME312D	12/6/2019 10:59	44.7	41.5	0.0	13.8	-2.8	-2.4	-16.1	116.8	39.1	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXME312D	12/6/2019 11:02	44.5	40.2	0.0	15.3	-2.3	-2.2	-16.1	113.2	30.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME312D	12/20/2019 10:45	54.7	38.9	0.2	6.2	-0.6	-0.8	-13.9	72.9	3.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXME312D	12/20/2019 10:47	51.8	39.2	0.0	9.0	-1.2	-1.1	-14.1	100.0	16.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME316D	12/6/2019 10:07	58.0	41.8	0.1	0.1	-31.8	-31.7	-32.9	124.2	59.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME316D	12/20/2019 9:54	61.2	38.5	0.3	0.0	-27.8	-27.6	-29.0	124.0	49.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME317D	12/6/2019 10:14	56.8	43.2	0.0	0.0	-34.4	-34.6	-34.9	90.0	15.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME317D	12/20/2019 9:59	60.3	39.4	0.2	0.1	-30.3	-30.3	-30.4	72.0	15.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW113	12/12/2019 9:47	46.4	37.9	2.7	13.0	-6.0	-4.1	-33.6	75.4	28.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW113	12/12/2019 9:47	46.6	38.5	2.7	12.2	-4.1	-4.4	-33.4	75.6	9.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW113	12/21/2019 8:41	51.3	41.3	1.3	6.1	-14.3	-17.7	-29.8	78.3	23.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW122	12/12/2019 11:11	57.5	38.2	0.9	3.4	-35.1	-35.0	-35.2	59.5	20.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW122	12/20/2019 13:42	56.6	40.4	0.4	2.6	-36.3	-36.3	-36.7	67.3	15.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW126	12/10/2019 13:40	58.2	41.7	0.0	0.1	-39.0	-38.3	-38.2	61.9	38.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW126	12/21/2019 8:12	53.6	44.8	1.4	0.2	-31.0	-30.6	-30.9	54.9	13.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW138	12/10/2019 13:27	48.4	38.0	0.0	13.6	-3.2	-3.1	-35.2	81.1	0.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW138	12/20/2019 13:15	48.9	43.9	0.0	7.2	-2.5	-2.3	-33.3	70.9	0.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW145	12/12/2019 10:10	52.3	44.7	0.0	3.0	-32.4	-32.6	-33.5	101.3	8.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW145	12/21/2019 8:54	53.5	46.5	0.0	0.0	-30.4	-30.4	-30.9	99.7	16.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	12/10/2019 11:40	55.1	42.3	0.6	2.0	-21.6	-21.5	-21.7	63.0	23.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	12/19/2019 12:35	54.7	44.9	0.4	0.0	-15.9	-16.0	-15.6	60.4	29.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW158	12/10/2019 13:34	52.6	40.3	0.0	7.1	-11.2	-30.1	-38.7	65.7	25.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW158	12/10/2019 13:36	52.7	42.9	0.0	4.4	-30.7	-30.7	-38.3	67.1	26.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW158	12/21/2019 8:06	51.2	45.0	0.6	3.2	-26.3	-26.3	-30.3	61.7	2.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW159	12/10/2019 13:37	50.1	42.7	0.0	7.2	-26.2	-26.0	-38.8	69.8	37.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW159	12/21/2019 8:08	52.5	45.7	0.5	1.3	-21.3	-29.0	-30.5	64.2	9.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW159	12/21/2019 8:10	52.4	47.2	0.4	0.0	-29.4	-29.3	-30.8	64.8	8.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW162	12/12/2019 9:53	48.8	29.8	3.5	17.9	-30.9	-30.7	-30.9	62.2	14.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW162	12/20/2019 13:30	58.2	39.2	0.6	2.0	-30.9	-31.1	-31.2	69.8	9.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW164	12/12/2019 10:08	62.1	37.4	0.1	0.4	5.9	-31.3	-32.3	58.6	12.4	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW164	12/12/2019 10:09	37.4	28.9	9.4	24.3	-32.1	-29.6	-31.9	58.1	22.6	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW164	12/16/2019 13:07	28.9	22.2	1.2	47.7	-0.2	-0.7	-36.4	63.1	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW164	12/20/2019 13:38	54.3	37.3	0.2	8.2	-31.9	-32.1	-32.8	65.8	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW170	12/10/2019 12:13	52.2	32.7	1.1	14.0	-37.4	-37.4	-37.9	56.8	11.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW170	12/19/2019 10:13	55.6	27.3	3.5	13.6	-35.3	-35.7	-36.3	61.0	9.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW170	12/23/2019 11:37	47.3	25.0	6.2	21.5	-30.0	-29.7	-30.9	54.1	4.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW170	12/23/2019 11:39	47.9	24.9	6.0	21.2	-30.0	-29.4	-30.9	54.1	4.0	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXMEW173	12/10/2019 11:20	50.7	40.7	0.0	8.6	-11.8	-11.8	-37.9	117.5	247.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW173	12/10/2019 11:21	50.6	41.0	0.0	8.4	-11.5	-11.5	-37.7	117.5	93.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW173	12/19/2019 10:37	53.0	43.3	0.0	3.7	-11.0	-12.0	-35.1	118.9	81.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW173	12/19/2019 10:39	53.2	43.1	0.0	3.7	-12.2	-12.3	-34.8	118.4	93.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW174	12/10/2019 11:44	55.2	42.0	0.2	2.6	-1.6	-2.1	-23.1	65.3	7.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW174	12/10/2019 11:45	55.1	42.0	0.1	2.8	-3.1	-3.1	-20.3	66.7	7.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW174	12/19/2019 12:31	56.3	43.6	0.1	0.0	-2.0	-7.9	-16.7	63.0	33.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW175	12/3/2019 13:51	51.4	42.1	0.1	6.4	-11.0	-11.0	-38.0	84.4	19.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW175	12/19/2019 12:42	56.6	42.5	0.2	0.7	-9.8	-13.6	-32.0	83.8	29.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW175	12/19/2019 12:43	56.3	43.6	0.1	0.0	-15.6	-15.6	-32.2	85.6	25.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW176	12/3/2019 12:28	54.9	41.0	0.4	3.7	-6.1	-7.0	-38.5	111.7	33.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW176	12/3/2019 12:29	55.1	40.8	0.3	3.8	-8.0	-8.0	-36.9	112.5	39.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW176	12/19/2019 13:23	53.6	43.4	0.3	2.7	-9.6	-11.6	-35.0	113.2	40.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW176	12/19/2019 13:24	53.9	43.0	0.2	2.9	-12.6	-12.3	-33.5	113.7	49.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW181	12/6/2019 13:01	55.7	44.0	0.1	0.2	-38.0	-36.3	-38.3	112.8	61.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW181	12/21/2019 9:13	54.6	45.4	0.0	0.0	-28.7	-28.0	-30.9	114.8	97.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW182	12/6/2019 10:37	54.1	41.0	0.0	4.9	-26.3	-26.5	-35.6	119.5	165.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW182	12/20/2019 10:11	58.7	38.7	0.0	2.6	-23.5	-23.5	-31.0	119.5	151.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW183	12/6/2019 12:42	51.0	43.8	0.0	5.2	-4.6	-4.5	-35.4	120.0	53.8	Valve Adjustment:"No change, Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW183	12/20/2019 12:38	56.8	39.7	0.0	3.5	-4.2	-4.7	-32.7	120.2	49.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW183	12/20/2019 12:39	56.9	39.8	0.0	3.3	-4.9	-4.9	-32.6	120.4	49.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW183	12/21/2019 9:21	52.7	42.7	0.0	4.6	-5.7	-7.6	-30.0	119.5	57.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW183	12/21/2019 9:22	52.6	44.5	0.0	2.9	-8.1	-8.1	-29.8	119.8	70.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW184	12/6/2019 12:39	48.4	45.0	0.0	6.6	-0.2	-0.2	-36.4	127.4	20.8	Valve Adjustment:"No change, Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW184	12/20/2019 12:42	50.2	40.3	0.0	9.5	-0.2	-0.2	-32.1	128.8	21.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW185	12/6/2019 12:36	48.2	45.3	0.0	6.5	-0.4	-0.4	-36.1	120.4	19.3	Valve Adjustment:"No change, Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW185	12/20/2019 12:45	48.9	39.4	0.0	11.7	-0.6	-0.6	-33.5	121.1	21.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW186	12/6/2019 10:50	42.3	41.3	0.3	16.1	-2.6	-2.0	-16.3	127.0	17.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW186	12/6/2019 10:52	41.5	41.6	0.8	16.1	-2.2	-1.9	-17.0	122.0	22.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW186	12/20/2019 10:30	51.9	38.9	2.1	7.1	-0.3	-0.3	-14.4	83.8	10.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW187	12/6/2019 12:21	42.7	43.9	0.0	13.4	-0.5	-0.5	-16.3	113.9	40.1	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW187	12/6/2019 12:23	42.6	43.0	0.0	14.4	-0.5	-0.6	-16.1	113.4	40.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW187	12/20/2019 12:32	53.6	41.7	0.0	4.7	-0.4	-0.6	-14.3	114.8	11.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW187	12/20/2019 12:33	51.8	41.0	0.0	7.2	-0.8	-0.8	-14.1	117.1	16.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW188	12/6/2019 12:12	49.9	47.4	0.0	2.7	-0.2	-0.3	-16.4	102.2	39.3	Valve Adjustment:"No change, Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW188	12/20/2019 12:55	57.7	40.7	0.0	1.6	-0.1	-0.2	-14.1	99.5	41.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW188	12/20/2019 12:55	57.8	40.6	0.0	1.6	-0.3	-0.3	-14.0	101.5	44.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW189	12/6/2019 12:04	54.3	45.0	0.0	0.7	-1.1	-1.8	-16.5	116.8	18.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW189	12/6/2019 12:06	54.4	44.8	0.0	0.8	-2.2	-2.0	-15.7	118.2	36.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW189	12/20/2019 12:58	59.0	40.0	0.0	1.0	-2.2	-2.7	-13.7	119.1	24.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW189	12/20/2019 12:59	59.1	39.9	0.0	1.0	-3.0	-3.0	-13.5	120.0	29.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW190	12/6/2019 11:03	53.7	41.2	0.9	4.2	-12.1	-12.3	-15.9	120.9	47.7	Valve Adjustment:"No change, Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW190	12/20/2019 10:52	57.1	38.3	0.8	3.8	-159.2	-159.2	-158.5	122.0	115.7	Valve Adjustment:"No change, Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW191	12/10/2019 11:25	51.5	41.4	0.3	6.8	-7.8	-7.8	-43.0	129.0	39.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW191	12/19/2019 10:48	54.1	42.4	0.3	3.2	-7.0	-8.2	-40.7	128.7	31.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW191	12/19/2019 10:56	54.0	42.9	0.4	2.7	-8.3	-8.3	-38.6	129.0	56.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW192	12/3/2019 11:38	50.9	43.6	0.2	5.3	-25.1	-25.4	-42.2	110.3	58.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW192	12/19/2019 13:03	51.9	43.9	0.1	4.1	-19.7	-19.8	-31.1	109.9	55.4	Valve Adjustment:"No change, Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW194	12/6/2019 12:47	50.7	44.3	0.2	4.8	-20.0	-19.8	-37.0	88.0	28.4	Valve Adjustment:"No change, Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW194	12/21/2019 9:07	51.1	42.0	0.4	6.5	-16.6	-16.6	-31.1	84.9	15.3	Valve Adjustment:"No change, Valve at optimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW196	12/6/2019 10:42	48.6	39.4	0.0	12.0	-13.0	-13.0	-36.0	114.8	31.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW196	12/20/2019 10:20	52.1	34.3	0.7	12.9	-11.5	-11.5	-31.5	112.8	11.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW199	12/6/2019 10:47	47.8	42.4	0.0	9.8	-11.8	-11.1	-15.6	121.3	62.4	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW199	12/6/2019 10:49	47.6	42.3	0.0	10.1	-11.2	-11.1	-15.9	120.9	48.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW199	12/20/2019 10:25	54.1	37.5	0.1	8.3	-9.4	-9.8	-14.8	121.3	56.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW199	12/20/2019 10:26	54.0	37.9	0.1	8.0	-9.8	-9.8	-13.8	121.5	53.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW200	12/6/2019 12:30	28.9	26.5	8.3	36.3	-8.3	-6.0	-33.5	104.2	62.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW200	12/6/2019 12:32	28.7	27.2	7.9	36.2	-4.3	-4.5	-35.1	103.1	39.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW200	12/18/2019 13:55	36.3	35.0	0.1	28.6	-2.6	-2.9	-16.2	94.3	32.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW201	12/6/2019 12:34	44.2	39.9	0.0	15.9	-0.3	-0.3	-36.5	108.1	34.4	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW201	12/20/2019 12:48	41.2	37.4	0.0	21.4	-0.6	-0.6	-31.4	104.0	14.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW203	12/12/2019 10:16	31.6	34.6	0.0	33.8	-20.8	-16.5	-34.2	81.7	6.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW203	12/12/2019 10:18	30.8	34.0	0.4	34.8	-11.0	-11.0	-34.2	78.1	3.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW203	12/21/2019 8:30	53.1	39.0	0.3	7.6	-3.6	-8.0	-30.4	64.4	2.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW203	12/21/2019 8:32	53.4	38.5	0.3	7.8	-13.6	-13.7	-31.1	73.2	7.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW204	12/12/2019 10:20	44.8	43.4	0.0	11.8	-7.3	-3.4	-33.4	106.7	3.6	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW204	12/12/2019 10:21	44.5	43.4	0.0	12.1	-0.4	-0.1	-34.8	103.3	12.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW204	12/20/2019 14:32	54.3	45.7	0.0	0.0	-1.3	-2.8	-31.6	105.1	7.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW204	12/20/2019 14:33	53.2	46.8	0.0	0.0	-6.4	-6.3	-32.8	107.6	7.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW205	12/6/2019 12:09	51.0	46.4	0.0	2.6	-0.2	-0.1	-16.3	130.3	49.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW205	12/20/2019 12:24	57.4	41.9	0.0	0.7	0.2	-0.2	-14.6	134.4	12.2	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW205	12/20/2019 12:25	57.4	42.5	0.0	0.1	-0.3	-0.3	-14.5	138.2	31.8	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXMEW205	12/20/2019 12:27	57.0	42.3	0.0	0.7	-0.4	-0.4	-14.2	138.6	46.9	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXMEW209	12/6/2019 11:14	54.4	45.6	0.0	0.0	-4.2	-3.9	-38.4	130.1	2.1	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXMEW209	12/21/2019 10:52	54.2	45.8	0.0	0.0	-3.6	-3.6	-32.8	128.3	10.8	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXMEW210	12/12/2019 10:53	49.6	42.7	0.0	7.7	-41.1	-39.0	-33.4	123.8	77.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW210	12/20/2019 14:09	54.4	40.6	0.2	4.8	-33.6	-33.6	-34.9	124.3	20.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW300	12/6/2019 11:29	58.3	41.7	0.0	0.0	-37.8	-37.4	-39.1	107.2	24.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW300	12/20/2019 11:34	61.5	38.5	0.0	0.0	-33.4	-33.4	-34.8	107.4	19.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW301	12/6/2019 11:36	42.3	29.8	5.9	22.0	-4.2	-4.2	-39.3	78.6	2.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW301	12/6/2019 11:38	43.8	30.3	4.7	21.2	-4.2	-4.4	-39.4	78.6	4.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW301	12/20/2019 11:42	46.9	29.4	4.9	18.8	-3.5	-3.5	-35.0	79.2	2.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW302	12/6/2019 11:40	46.6	39.5	0.0	13.9	-9.1	-7.0	-38.1	110.3	18.4	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW302	12/6/2019 11:41	46.3	40.6	0.0	13.1	-6.0	-6.0	-38.0	108.9	32.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW302	12/20/2019 11:51	55.7	35.6	0.1	8.6	-5.0	-5.7	-34.8	107.2	29.4	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW302	12/20/2019 11:53	55.6	36.5	0.2	7.7	-6.4	-6.4	-35.0	109.4	7.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW303	12/12/2019 10:51	61.6	37.9	0.5	0.0	-34.7	-34.7	-34.8	68.5	16.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW303	12/20/2019 14:06	59.5	40.3	0.2	0.0	-35.9	-35.9	-36.4	79.7	15.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW305	12/6/2019 11:48	54.0	41.9	0.0	4.1	-4.8	-6.7	-35.9	109.4	5.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW305	12/6/2019 11:50	53.5	42.3	0.0	4.2	-7.0	-7.0	-35.6	116.2	16.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW305	12/20/2019 12:00	55.8	36.7	0.6	6.9	-10.8	-11.5	-34.9	117.1	5.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW305	12/20/2019 12:02	55.9	37.1	0.4	6.6	-11.8	-11.8	-35.2	118.0	6.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW306	12/12/2019 10:47	41.0	41.2	0.0	17.8	-2.5	-1.8	-33.7	116.4	25.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW306	12/12/2019 10:49	41.1	39.3	0.0	19.6	-1.7	-1.6	-34.2	113.9	15.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW306	12/20/2019 14:11	55.8	38.7	0.0	5.5	-0.9	-2.3	-35.5	112.5	14.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW306	12/20/2019 14:12	55.8	41.3	0.0	2.9	-3.3	-3.3	-35.6	117.7	30.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW307	12/12/2019 10:06	53.1	41.6	1.5	3.8	-33.4	-32.8	-33.2	93.6	7.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW307	12/21/2019 8:59	49.1	38.8	2.8	9.3	-31.4	-31.4	-31.2	89.1	6.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW308	12/6/2019 11:08	48.2	42.1	0.0	9.7	-23.1	-22.9	-39.4	115.3	42.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW308	12/20/2019 10:59	52.7	38.3	0.2	8.8	-20.8	-22.2	-35.5	116.1	17.4	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW308	12/20/2019 11:01	53.0	38.4	0.1	8.5	-23.6	-23.6	-35.5	116.8	29.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW308	12/20/2019 11:07	54.8	39.0	0.0	6.2	-24.3	-25.3	-35.2	122.5	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW309	12/6/2019 11:56	50.6	43.0	0.0	6.4	-17.7	-17.7	-36.6	125.6	58.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW309	12/20/2019 12:11	55.0	40.2	0.1	4.7	-16.5	-17.1	-35.2	126.0	48.9	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW309	12/20/2019 12:12	54.8	39.4	0.1	5.7	-17.3	-17.2	-35.9	126.1	57.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW310	12/6/2019 10:44	48.2	41.5	0.0	10.3	-4.3	-4.1	-15.0	109.8	65.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW310	12/18/2019 11:51	59.1	40.9	0.0	0.0	0.2	-1.0	-5.6	101.7	0.0	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW310	12/18/2019 11:52	58.6	41.4	0.0	0.0	-2.4	-2.4	-5.6	109.6	31.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW311	12/12/2019 10:40	52.1	44.7	0.0	3.2	-16.6	-17.7	-31.6	119.5	42.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW311	12/12/2019 10:42	52.0	44.1	0.0	3.9	-18.5	-18.3	-30.7	119.5	47.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW311	12/20/2019 14:22	52.3	44.9	0.1	2.7	-19.3	-22.3	-31.7	119.3	36.1	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW311	12/20/2019 14:23	52.1	44.2	0.1	3.6	-24.9	-25.1	-32.1	119.7	60.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW312	12/6/2019 10:56	54.3	43.5	0.0	2.2	-4.9	-6.3	-16.5	106.9	169.5	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW312	12/6/2019 10:57	54.4	42.2	0.0	3.4	-7.1	-7.0	-15.7	107.8	201.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW312	12/20/2019 10:40	55.7	40.5	0.1	3.7	-7.1	-7.8	-14.2	106.3	202.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW312	12/20/2019 10:41	55.7	39.1	0.1	5.1	-7.8	-7.8	-14.0	106.5	212.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW313	12/3/2019 12:49	3.8	2.1	19.2	74.9	-11.2	-28.6	-40.1	58.5	7.3	Valve Adjustment:"NPS/CAL,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW313	12/3/2019 12:50	47.0	29.0	2.0	22.0	-37.6	-27.9	-40.8	61.2	21.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW313	12/3/2019 12:51	55.1	38.1	1.6	5.2	-15.4	-19.1	-40.6	58.8	14.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW313	12/19/2019 13:26	57.0	42.4	0.6	0.0	-11.8	-13.3	-35.8	59.0	20.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW313	12/19/2019 13:27	57.4	42.0	0.6	0.0	-17.8	-17.4	-34.6	59.5	29.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW314	12/3/2019 11:27	53.3	44.0	0.6	2.1	-16.4	-16.4	-40.3	67.3	13.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW314	12/19/2019 13:08	57.2	42.8	0.0	0.0	-14.6	-20.9	-33.5	61.9	20.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW314	12/19/2019 13:09	56.4	43.5	0.1	0.0	-26.3	-26.3	-33.6	62.6	15.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW315	12/6/2019 11:22	52.2	39.3	0.1	8.4	-22.0	-24.2	-38.8	117.5	7.1	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW315	12/6/2019 11:28	52.4	40.0	0.1	7.5	-26.7	-26.3	-38.7	118.6	20.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW315	12/20/2019 11:19	58.2	39.1	0.9	1.8	-27.8	-28.3	-34.9	117.9	14.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW316	12/6/2019 10:05	58.5	41.5	0.0	0.0	-32.0	-32.0	-33.4	105.6	10.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW316	12/20/2019 9:50	61.3	38.7	0.0	0.0	-28.0	-27.9	-29.4	106.5	9.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW317	12/6/2019 10:11	56.7	40.2	0.0	3.1	-33.9	-34.0	-34.3	109.4	31.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW317	12/20/2019 9:57	60.3	39.1	0.6	0.0	-29.4	-29.3	-30.2	108.1	30.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW318	12/6/2019 10:21	54.0	41.0	0.0	5.0	-1.9	-2.6	-35.2	111.7	51.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW318	12/6/2019 10:24	54.0	41.0	0.0	5.0	-3.1	-2.8	-34.3	113.0	39.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW318	12/20/2019 10:06	53.1	37.5	0.1	9.3	-3.7	-4.9	-31.0	112.8	23.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW318	12/20/2019 10:07	53.2	38.0	0.0	8.8	-5.2	-5.4	-30.7	113.5	41.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW319	12/6/2019 10:26	51.6	41.3	0.0	7.1	-14.0	-13.8	-34.0	109.2	35.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW319	12/18/2019 12:05	57.8	40.5	0.0	1.7	-6.7	-6.7	-15.7	103.8	16.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW320	12/4/2019 13:18	57.8	39.5	0.0	2.7	-14.3	-14.3	-14.3	123.6	22.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW320	12/18/2019 11:34	59.9	40.0	0.1	0.0	-5.6	-5.6	-6.0	120.9	12.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW321	12/4/2019 12:41	52.2	37.5	1.1	9.2	-7.0	-8.0	-14.3	112.1	49.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW321	12/4/2019 12:42	51.8	38.3	1.1	8.8	-8.2	-7.9	-15.0	112.3	54.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW321	12/18/2019 10:39	59.7	40.3	0.0	0.0	-3.2	-3.2	-5.4	109.8	27.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW322	12/6/2019 10:02	57.5	42.5	0.0	0.0	-9.7	-9.7	-36.9	119.1	13.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW322	12/20/2019 9:44	59.3	40.6	0.1	0.0	-7.8	-7.8	-31.9	117.7	11.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW323	12/4/2019 14:00	56.8	41.6	0.0	1.6	-33.4	-33.5	-33.4	116.4	23.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW323	12/18/2019 12:49	59.6	40.4	0.0	0.0	-8.8	-8.8	-8.9	111.0	15.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW325	12/12/2019 11:52	62.0	37.9	0.1	0.0	-31.0	-31.5	-31.1	57.2	7.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW325	12/21/2019 10:35	56.0	44.0	0.0	0.0	-28.1	-28.1	-28.1	54.3	8.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW328	12/4/2019 12:26	58.7	40.3	0.0	1.0	-31.4	-33.7	-31.0	105.3	35.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW328	12/18/2019 10:14	59.6	40.4	0.0	0.0	-10.8	-10.2	-10.8	115.9	29.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWHC1	12/10/2019 13:47	57.5	40.3	0.0	2.2	-36.8	-37.3	-36.7	58.5		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWHC1	12/21/2019 8:18	54.8	45.2	0.0	0.0	-31.1	-31.0	-30.9	52.9		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW05	12/3/2019 12:17	53.2	42.4	0.9	3.5	-39.8	-40.1	-39.6	114.8	20.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW05	12/19/2019 13:56	54.6	45.3	0.1	0.0	-35.6	-35.4	-35.5	116.6	46.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW06	12/3/2019 12:20	53.5	43.3	0.8	2.4	-40.0	-40.0	-40.0	86.4	30.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW06	12/19/2019 14:01	52.9	47.0	0.1	0.0	-36.3	-36.3	-36.4	86.5	30.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW08	12/3/2019 11:33	55.9	42.8	0.2	1.1	-1.3	-1.4	-13.6	82.4	30.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW08	12/3/2019 11:35	55.8	44.1	0.1	0.0	-1.5	-1.6	-15.4	90.9	19.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW08	12/19/2019 13:00	42.6	38.1	4.9	14.4	-1.9	-1.8	-9.5	101.8	28.6	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW08	12/19/2019 13:02	42.2	37.8	4.7	15.3	-1.7	-1.7	-11.2	96.1	42.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW15	12/3/2019 12:56	54.6	41.0	0.8	3.6	-40.3	-40.3	-40.3	57.0	10.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW15	12/19/2019 13:31	57.0	42.9	0.1	0.0	-34.7	-34.7	-35.3	59.0	23.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW16	12/3/2019 13:02	55.1	40.7	0.2	4.0	-37.6	-37.6	-37.3	84.0	14.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW16	12/19/2019 14:14	55.4	44.6	0.0	0.0	-34.6	-34.4	-34.6	81.9	31.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	12/10/2019 12:58	54.7	42.9	0.0	2.4	-38.3	-38.3	-38.0	63.3	16.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	12/20/2019 12:30	52.9	47.0	0.1	0.0	-34.6	-34.6	-34.6	64.8	29.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW18	12/10/2019 12:48	56.4	42.7	0.2	0.7	-35.7	-35.6	-37.7	58.1	15.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW18	12/18/2019 9:48	56.5	41.7	0.8	1.0	-12.1	-12.0	-14.9	53.8	19.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW18	12/20/2019 12:22	56.0	43.9	0.1	0.0	-32.3	-32.2	-34.5	58.8	30.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1G	12/3/2019 13:20	52.5	42.3	0.0	5.2	-32.3	-32.3	-37.7	69.6	38.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW1G	12/20/2019 12:03	54.8	45.2	0.0	0.0	-31.6	-32.6	-35.8	69.8	31.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW1G	12/20/2019 12:05	54.4	45.5	0.1	0.0	-33.0	-33.0	-35.9	69.8	32.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW1I	12/3/2019 13:17	57.5	42.0	0.0	0.5	-37.6	-37.4	-38.3	66.0	25.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1I	12/20/2019 12:06	55.6	44.4	0.0	0.0	-35.5	-35.6	-35.8	66.0	9.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1J	12/3/2019 13:14	50.3	41.2	0.4	8.1	-16.7	-16.4	-38.5	79.5	53.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW1J	12/20/2019 12:08	54.1	45.9	0.0	0.0	-20.8	-23.6	-36.3	79.3	43.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW1J	12/20/2019 12:10	53.8	46.2	0.0	0.0	-23.6	-23.8	-35.9	79.5	48.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW1K	12/3/2019 13:09	48.6	41.7	1.5	8.2	-40.0	-40.0	-39.9	74.5	15.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEWW1K	12/20/2019 12:11	53.2	46.7	0.1	0.0	-38.3	-37.8	-38.3	68.9	11.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1S	12/10/2019 12:52	57.0	40.5	0.0	2.5	-37.0	-37.1	-36.9	66.2	34.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1S	12/20/2019 12:25	54.5	45.5	0.0	0.0	-34.3	-34.6	-34.6	66.6	19.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW26	12/10/2019 12:49	58.1	37.7	0.2	4.0	-38.4	-38.3	-38.3	56.8	21.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW26	12/18/2019 9:50	55.1	38.5	1.5	4.9	-13.9	-13.9	-13.7	51.3	6.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW26	12/20/2019 12:20	57.5	42.3	0.2	0.0	-34.3	-34.6	-34.7	63.3	16.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	12/12/2019 11:35	57.2	42.8	0.0	0.0	-36.0	-36.1	-34.9	62.8	1.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	12/19/2019 10:59	56.5	43.5	0.0	0.0	-38.2	-36.9	-38.0	63.5	0.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	12/12/2019 11:24	59.2	40.7	0.1	0.0	-36.1	-36.6	-38.5	65.7	26.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	12/19/2019 11:02	55.5	44.4	0.1	0.0	-37.0	-36.9	-39.7	62.6	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	12/12/2019 11:18	47.0	37.0	4.3	11.7	-34.7	-34.0	-37.6	58.6	0.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	12/19/2019 11:05	46.7	35.2	3.9	14.2	-39.7	-36.1	-40.0	59.7	5.4	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	12/19/2019 11:08	46.4	36.1	3.9	13.6	-35.7	-35.8	-40.3	60.6	18.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMNEW1D	12/3/2019 13:23	57.8	42.0	0.0	0.2	-26.3	-27.0	-37.2	67.1	10.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMNEW1D	12/19/2019 14:04	55.0	45.0	0.0	0.0	-24.6	-24.3	-35.5	66.6	8.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW30	12/10/2019 13:25	21.4	26.7	1.0	50.9	-36.4	-36.7	-37.8	63.3		Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMP EW30	12/21/2019 8:00	56.1	42.4	0.2	1.3	-27.2	-27.2	-29.2	51.4		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW31	12/3/2019 12:03	57.0	42.6	0.0	0.4	-40.2	-40.7	-40.3	84.0	6.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW31	12/19/2019 14:02	55.1	44.9	0.0	0.0	-36.6	-36.6	-36.6	75.6	4.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW32	12/3/2019 13:48	57.8	41.1	0.0	1.1	-33.3	-33.7	-38.7	68.9	117.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMP EW32	12/3/2019 13:49	57.7	42.3	0.0	0.0	-33.8	-33.7	-39.1	69.1	97.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMP EW32	12/19/2019 12:49	55.2	44.8	0.0	0.0	-27.1	-27.1	-30.8	70.9	72.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW33	12/3/2019 13:42	54.5	37.9	0.0	7.6	-8.7	-9.4	-39.7	85.8	12.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMP EW33	12/3/2019 13:42	54.3	39.6	0.0	6.1	-10.4	-10.4	-40.0	86.7	17.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMP EW33	12/19/2019 12:51	52.4	44.7	0.0	2.9	-9.6	-11.1	-32.6	87.4	15.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMP EW33	12/19/2019 12:53	52.2	44.4	0.0	3.4	-12.2	-12.1	-33.0	88.0	20.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMP EW35	12/3/2019 12:10	54.9	42.4	0.5	2.2	-38.7	-39.0	-39.2	126.7	49.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW35	12/19/2019 13:50	54.8	45.2	0.0	0.0	-34.3	-34.3	-34.9	126.9	39.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW36	12/3/2019 12:14	57.8	42.2	0.0	0.0	-40.7	-40.0	-40.3	69.6	9.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW36	12/19/2019 13:51	56.8	43.2	0.0	0.0	-35.3	-35.3	-35.3	68.5	8.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW42	12/3/2019 12:54	56.2	41.5	0.9	1.4	-40.7	-40.7	-40.8	59.9	11.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW42	12/19/2019 13:29	56.6	43.3	0.1	0.0	-35.1	-34.6	-35.4	59.2	31.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMPEW44	12/10/2019 12:55	55.7	43.6	0.1	0.6	-37.7	-37.7	-37.3	65.7	27.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW44	12/20/2019 12:27	54.8	45.1	0.1	0.0	-33.3	-33.0	-33.8	69.3	24.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	12/3/2019 12:59	56.1	40.0	0.9	3.0	-39.8	-39.7	-39.7	57.0	18.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	12/19/2019 13:34	56.6	43.3	0.1	0.0	-35.6	-35.7	-35.9	63.5	35.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW50	12/3/2019 12:39	54.9	42.1	0.2	2.8	-35.7	-33.6	-35.1	93.9	66.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW50	12/19/2019 13:37	55.7	44.2	0.1	0.0	-32.1	-29.3	-33.9	93.6	64.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXPEW30A	12/3/2019 12:00	57.1	42.6	0.1	0.2	-39.6	-39.7	-39.3	64.2	18.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXPEW30A	12/19/2019 13:46	55.9	44.1	0.0	0.0	-35.9	-35.9	-36.4	60.4	6.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

**Bold Italics** = HOV approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions recorded by GEM.

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. wc. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

≤15% Oxygen HOV Condition Application Number 10164 part 18(b)(i)

OXMEWW17 and OXMHCF06

≤15% Oxygen LTCO Condition Application Number 10164 part 18(d)(i)

OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS13, OMTLTS14, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, and OMTLTS20.

**OX MOUNTAIN LANDFILL**

Wellfield Monitoring Report - January 2, 7, 9, 10, 15, 17, 20, 21, 22, 23, 24, 29, and 30, 2020

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMLEW101	1/7/2020 12:48	44.3	39.1	0.8	15.8	-4.8	-4.6	-38.2	77.2	0.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLEW101	1/7/2020 12:49	44.2	38.6	0.8	16.4	-4.4	-4.4	-38.1	77.2	0.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLEW101	1/17/2020 12:39	47.5	43.8	0.7	8.0	-4.5	-3.8	-39.4	75.8	0.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMLEW101	1/17/2020 12:40	47.4	44.8	0.9	6.9	-3.6	-3.6	-40.9	75.5	0.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLEW104	1/15/2020 9:06	49.5	40.4	0.0	10.1	-23.6	-23.7	-33.9	80.3	49.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLEW104	1/23/2020 11:17	54.1	41.3	0.0	4.6	-18.8	-20.0	-26.1	80.4	35.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMLEW104	1/23/2020 11:18	53.6	41.7	0.0	4.7	-20.2	-20.5	-25.5	80.6	43.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLEW107	1/15/2020 9:08	57.6	40.4	0.0	2.0	-33.9	-33.6	-33.7	64.4	19.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OMLEW107	1/23/2020 11:20	59.4	40.6	0.0	0.0	-25.0	-25.0	-25.4	64.5	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OMLFEW59	1/7/2020 10:44	46.6	38.3	0.1	15.0	-3.9	-3.9	-37.5	114.6	65.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLFEW59	1/17/2020 10:32	43.6	40.4	0.1	15.9	-4.4	-3.4	-31.6	113.9	59.5	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMLFEW59	1/17/2020 10:34	43.6	41.4	0.2	14.8	-3.6	-3.7	-32.9	112.3	46.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLFEW72	1/15/2020 9:19	30.8	32.7	0.0	36.5	-4.9	-3.5	-34.1	52.3		Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMLFEW72	1/15/2020 9:21	30.5	36.0	0.0	33.5	-3.7	-3.7	-33.6	52.1		Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMLFEW72	1/23/2020 11:30	48.0	39.0	0.0	13.0	-0.6	-0.4	-25.8	52.1		Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLFEW99	1/7/2020 9:36	45.3	40.6	0.1	14.0	-0.4	-0.4	-38.7	82.4	0.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLFEW99	1/17/2020 11:19	42.4	40.7	0.2	16.7	-23.2	-13.3	-44.4	80.6	83.2	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW99	1/17/2020 11:22	42.5	41.3	0.1	16.1	-14.0	-13.7	-44.6	79.7	0.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	1/15/2020 12:14	28.8	31.0	4.9	35.3	-1.4	-0.3	-19.4	74.8	25.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	1/15/2020 12:23	26.2	28.5	4.9	40.4	-0.2	-0.1	-22.7	74.2	0.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	1/23/2020 14:03	49.1	36.2	1.2	13.5	-3.1	-3.1	-14.5	74.2	63.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS02</b>	1/15/2020 12:12	37.0	34.6	0.1	28.3	-0.3	-0.2	-20.6	71.3	41.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS02</b>	1/23/2020 13:59	48.7	37.2	0.7	13.4	-0.1	-0.1	-27.9	71.4	0.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS03</b>	1/15/2020 12:09	27.8	30.9	0.0	41.3	-0.3	-0.3	-22.5	67.8	17.5	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS03</b>	1/23/2020 13:56	40.3	34.0	0.2	25.5	-0.2	-0.2	-29.2	67.7	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS04</b>	1/15/2020 12:05	10.2	25.1	0.0	64.7	-0.1	-0.1	-22.5	78.5	36.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS04</b>	1/23/2020 13:51	30.3	29.4	0.0	40.3	-0.2	-0.1	-29.1	78.7	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS05</b>	1/15/2020 12:03	22.3	28.3	0.8	48.6	-0.1	-0.1	-21.1	90.6	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS05</b>	1/23/2020 13:48	29.9	29.5	0.0	40.6	-0.2	-0.2	-26.3	90.2	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS06</b>	1/15/2020 11:56	20.2	21.9	8.5	49.4	-0.2	-0.2	-14.3	90.9	15.9	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMTLTS06	1/15/2020 11:57	21.7	22.5	8.2	47.6	-0.2	-0.1	-10.5	90.5	0.0	Valve Adjustment:"NSPS/CAI,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS06	1/23/2020 13:46	27.4	30.3	4.3	38.0	-0.1	-0.1	-25.8	90.8	25.1	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS07	1/15/2020 11:37	40.9	37.2	0.9	21.0	-0.3	-0.3	-30.6	84.0	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS07	1/23/2020 13:30	43.6	38.3	0.2	17.9	-0.3	-0.2	-26.8	84.0	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS08	1/15/2020 11:35	36.1	32.3	2.8	28.8	-0.5	-0.5	-27.7	98.4	13.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS08	1/23/2020 13:28	36.9	32.5	2.9	27.7	-0.3	-0.3	-21.4	98.1	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS09	1/15/2020 11:31	16.2	29.5	1.2	53.1	-0.3	-0.3	-25.0	80.2	13.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS09	1/23/2020 13:25	27.2	30.0	0.3	42.5	-0.3	-0.3	-22.7	80.4	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS10	1/15/2020 11:28	23.2	27.8	1.8	47.2	-0.4	-0.3	-29.2	82.6	11.9	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS10	1/23/2020 13:23	4.0	17.8	3.4	74.8	-0.3	-0.3	-26.3	82.7	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS11	1/15/2020 11:21	14.6	28.5	0.6	56.3	-0.4	-0.4	-30.9	75.6	16.9	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS11	1/23/2020 13:15	5.8	15.5	3.5	75.2	-0.3	-0.3	-23.0	75.3	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS12	1/15/2020 11:18	1.5	13.2	10.8	74.5	-0.6	-0.6	-30.9	85.8	10.3	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS12	1/15/2020 11:19	1.4	12.9	11.3	74.4	-0.5	-0.4	-29.2	85.7	11.1	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OMTLTS12	1/23/2020 13:12	6.0	12.7	8.9	72.4	-2.7	-0.5	-10.8	85.6	74.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS12	1/23/2020 13:14	5.9	13.2	10.2	70.7	-0.4	-0.3	-25.8	85.7	0.0	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OMTLTS15	1/15/2020 11:04	20.4	29.6	3.1	46.9	-0.5	-0.5	-34.9	93.4	46.1	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS15	1/23/2020 13:00	36.5	35.4	2.5	25.6	-0.5	-0.5	-28.1	93.5	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS16	1/15/2020 11:00	10.4	20.3	4.9	64.4	-0.8	-0.8	-38.4	82.3	9.8	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS16	1/23/2020 12:57	46.6	36.3	1.5	15.6	-3.3	-3.3	-18.0	81.4	94.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS17	1/15/2020 10:56	8.8	27.0	0.2	64.0	-0.5	-0.5	-32.9	85.9	12.2	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS17	1/23/2020 12:52	41.5	33.0	0.7	24.8	-0.2	-0.2	-26.9	85.8	0.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS18	1/15/2020 10:52	45.5	42.1	0.6	11.8	-3.2	-1.9	-30.4	73.9	70.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS18	1/15/2020 10:54	46.1	43.1	0.6	10.2	-1.8	-1.9	-32.3	72.6	43.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS18	1/23/2020 12:48	54.8	45.1	0.1	0.0	-1.3	-1.6	-26.9	73.0	41.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS18	1/23/2020 12:50	55.1	44.7	0.2	0.0	-1.6	-1.5	-26.3	73.4	57.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS19	1/15/2020 10:49	51.5	42.8	0.9	4.8	-0.7	-0.6	-33.4	74.3	35.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMTLTS19	1/23/2020 12:45	55.3	44.7	0.0	0.0	-0.2	-0.4	-28.0	74.2	32.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS19	1/23/2020 12:47	54.5	45.5	0.0	0.0	-0.4	-0.4	-28.0	74.4	35.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS20	1/15/2020 10:40	43.4	35.2	2.1	19.3	-0.4	-0.4	-34.5	75.2	24.1	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS20	1/23/2020 12:42	56.6	43.4	0.0	0.0	-0.1	-0.3	-29.2	75.3	17.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMTLTS20	1/23/2020 12:44	55.9	44.1	0.0	0.0	-0.3	-0.3	-29.0	75.7	34.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW133B	1/15/2020 9:46	48.0	41.8	0.0	10.2	-3.3	-5.0	-26.3	78.2	30.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW133B	1/23/2020 11:54	53.1	44.1	0.0	2.8	-2.6	-3.2	-18.2	78.3	0.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW133B	1/23/2020 11:57	52.9	45.1	0.0	2.0	-4.2	-6.7	-21.6	78.5	15.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW134A	1/15/2020 9:43	47.6	41.4	0.0	11.0	-4.7	-8.4	-28.2	74.5	29.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"Surging in lateral";Well Repairs:""
OXEW134A	1/15/2020 9:45	47.7	41.1	0.0	11.2	-11.2	-7.3	-30.7	74.2	12.4	Valve Adjustment:"No change";Well Condition:"Surging in lateral";Well Repairs:""
OXEW134A	1/23/2020 11:51	51.1	40.9	0.0	8.0	-7.0	-10.1	-28.9	74.4	46.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW134B	1/15/2020 9:40	24.5	32.5	2.1	40.9	-31.1	-31.0	-31.7	69.4	49.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW134B	1/23/2020 11:48	27.3	26.0	7.3	39.4	-28.5	-28.2	-28.9	69.7	91.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW134B	1/23/2020 11:50	26.8	25.6	7.3	40.3	-28.3	-28.1	-28.2	64.7	72.2	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXEW137B	1/15/2020 11:52	53.5	46.5	0.0	0.0	-29.1	-29.6	-28.6	77.4	91.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW137B	1/23/2020 13:40	53.1	46.9	0.0	0.0	-25.6	-26.2	-26.4	77.3	93.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW140B	1/15/2020 11:44	53.0	47.0	0.0	0.0	-28.2	-29.2	-30.7	77.7	5.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW140B	1/23/2020 13:36	52.0	48.0	0.0	0.0	-24.9	-25.0	-26.6	77.6	1.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1601	1/9/2020 10:11	56.5	40.9	0.1	2.5	-20.7	-20.7	-0.2	122.7	115.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1601	1/21/2020 10:32	57.2	40.6	0.0	2.2	-16.5	-17.1	0.0	122.5	99.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1601	1/21/2020 10:33	57.1	39.6	0.1	3.2	-17.2	-16.8	0.1	122.7	96.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1602	1/9/2020 12:52	53.3	37.7	0.3	8.7	-28.3	-29.3	-34.8	123.8	86.4	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1602	1/9/2020 12:52	53.4	38.9	0.2	7.5	-28.7	-29.4	-33.8	123.8	82.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1602	1/21/2020 12:44	54.9	37.3	0.0	7.8	-21.3	-21.5	-24.9	72.4	76.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1603	1/9/2020 10:25	59.5	40.3	0.2	0.0	-25.1	-25.1	-28.2	122.5	116.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1603	1/21/2020 10:45	60.2	39.6	0.2	0.0	-20.2	-20.0	-22.0	122.7	105.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1604	1/9/2020 12:31	49.5	38.8	0.1	11.6	-7.2	-7.1	-31.9	128.1	37.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1604	1/21/2020 12:58	55.3	39.5	0.1	5.1	-4.4	-5.4	-23.6	88.6	30.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1604	1/21/2020 12:59	55.2	39.5	0.1	5.2	-5.6	-5.8	-22.6	89.3	43.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1606	1/15/2020 13:10	0.4	0.5	20.3	78.8	-1.6	-10.4	-10.2	52.9	5.6	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1606	1/15/2020 13:12	0.2	0.3	20.6	78.9	-10.4	-9.3	-10.6	52.5	5.4	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1606	1/24/2020 12:12	1.5	3.9	19.0	75.6	-1.0	-0.9	-13.6	56.3	9.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1606	1/24/2020 12:13	0.7	2.1	18.9	78.3	-0.4	-0.5	-13.7	56.4	8.8	Valve Adjustment:"NSPS/CAI,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1606	1/29/2020 14:35	0.3	1.6	19.4	78.7	-2.0	-1.9	-15.3	56.8	11.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1606	1/29/2020 14:37	0.4	1.7	19.3	78.6	-0.7	-0.8	-15.1	56.9	12.1	Valve Adjustment:"NSPS/CAI,Valve at minimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1611	1/15/2020 13:06	62.8	36.5	0.0	0.7	-10.7	-10.9	-10.2	56.7	0.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1611	1/24/2020 12:10	59.9	40.1	0.0	0.0	-13.8	-14.1	-13.3	59.7	0.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1612	1/9/2020 12:55	46.4	38.6	0.1	14.9	-10.4	-10.4	-33.3	120.0	32.9	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1612	1/9/2020 12:55	46.6	38.3	0.2	14.9	-10.3	-10.3	-35.1	120.2	32.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1612	1/21/2020 12:29	48.0	37.7	0.3	14.0	-8.2	-8.2	-24.9	55.8	16.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1613	1/9/2020 12:27	52.5	38.0	0.1	9.4	-25.0	-25.4	-30.3	124.9	71.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1613	1/9/2020 12:28	52.5	38.5	0.1	8.9	-25.4	-25.6	-30.2	125.1	73.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1613	1/21/2020 13:03	55.0	39.8	0.0	5.2	-19.3	-19.2	-22.9	86.3	60.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1614	1/9/2020 12:23	49.1	38.0	0.2	12.7	-4.9	-4.7	-33.4	121.6	58.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1614	1/21/2020 13:19	53.2	38.7	0.1	8.0	-3.5	-3.5	-24.3	91.3	61.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1616	1/9/2020 12:03	58.4	41.1	0.3	0.2	-14.2	-14.2	-14.3	112.3	32.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1616	1/21/2020 13:35	59.1	40.3	0.0	0.6	-10.7	-10.6	-10.8	81.2	33.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1617	1/10/2020 10:51	54.2	45.8	0.0	0.0	-1.5	-1.5	-15.1	127.2	44.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1617	1/22/2020 11:42	58.5	41.5	0.0	0.0	-0.5	-0.5	-12.8	125.6	14.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1618	1/9/2020 12:35	35.6	34.2	0.9	29.3	-8.8	-4.8	-36.5	142.2	63.8	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1618	1/9/2020 12:37	33.2	33.1	2.0	31.7	-4.4	-3.7	-33.9	140.7	10.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1618	1/20/2020 13:15	59.0	39.6	0.0	1.4	-0.1	-0.6	-27.2	125.4	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1618	1/20/2020 13:17	58.7	40.3	0.0	1.0	-0.9	-0.9	-28.4	128.6	42.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1618	1/21/2020 13:07	55.1	39.8	0.0	5.1	-2.4	-2.5	-23.7	107.7	41.4	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1618	1/21/2020 13:08	54.7	40.3	0.0	5.0	-2.8	-2.7	-24.0	108.5	44.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1619	1/15/2020 10:08	55.2	44.4	0.0	0.4	-14.7	-14.7	-15.1	125.1	14.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1619	1/23/2020 12:13	55.8	44.2	0.0	0.0	-14.5	-14.3	-15.5	125.3	16.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1620	1/15/2020 10:12	45.2	40.5	0.0	14.3	-5.0	-3.7	-15.4	102.0	8.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1620	1/15/2020 10:16	45.3	41.1	0.0	13.6	-3.0	-3.0	-15.0	101.9	2.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1620	1/24/2020 13:11	55.9	42.2	0.0	1.9	-2.3	-3.4	-16.7	101.4	2.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1620	1/24/2020 13:14	55.7	43.7	0.0	0.6	-4.0	-4.1	-16.6	102.2	7.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1621	1/10/2020 13:08	35.8	45.1	0.0	19.1	-1.6	-1.3	-17.3	122.0	24.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1621	1/10/2020 13:11	35.3	43.8	0.0	20.9	-1.2	-1.2	-17.3	121.1	17.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1621	1/22/2020 14:17	46.5	39.0	0.0	14.5	-0.7	-0.6	-14.1	111.6	12.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1621	1/22/2020 14:18	47.8	39.3	0.0	12.9	-0.6	-0.6	-14.1	110.7	13.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1622	1/15/2020 10:04	48.1	42.0	1.8	8.1	-13.3	-13.3	-13.0	121.0	18.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1622	1/23/2020 12:10	49.3	42.4	1.7	6.6	-14.2	-14.2	-14.6	121.3	18.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1623	1/15/2020 14:45	63.1	31.8	1.1	4.0	-28.5	-29.2	-28.4	51.6	2.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1623	1/24/2020 11:40	1.0	0.9	19.5	78.6	-28.6	-28.8	-28.1	61.2	2.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1623	1/24/2020 11:43	1.2	1.3	19.4	78.1	-28.8	-28.8	-27.8	62.7	3.2	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXEW1624	1/15/2020 12:52	57.8	34.0	1.8	6.4	-10.3	-10.3	-10.2	53.6	0.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1624	1/15/2020 13:04	57.1	34.5	1.9	6.5	-10.4	-10.4	-10.2	53.1	0.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1624	1/15/2020 14:07	56.5	27.7	2.5	13.3	-29.5	-29.5	-29.4	52.0	0.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1624	1/24/2020 12:06	48.3	32.1	4.2	15.4	-13.9	-14.1	-13.2	56.7	0.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1624	1/24/2020 12:08	48.4	32.1	4.3	15.2	-13.8	-14.0	-13.4	56.7	0.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1625	1/15/2020 12:19	12.1	11.5	15.6	60.8	-11.6	-24.5	-24.6	53.1	4.6	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	1/15/2020 12:21	0.0	0.0	14.6	85.4	-24.5	-20.8	-24.3	53.6	3.6	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	1/24/2020 10:53	5.4	9.5	18.6	66.5	-28.8	-3.3	-28.9	67.2	1.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	1/24/2020 10:54	3.4	4.6	18.2	73.8	-5.8	-7.5	-29.1	67.2	6.8	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXEW1626	1/15/2020 12:28	14.9	10.6	15.8	58.7	-24.5	-24.5	-24.1	54.3	14.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1626	1/15/2020 12:29	17.8	10.4	15.3	56.5	-24.1	-24.5	-24.1	55.2	5.3	Valve Adjustment:"NSPS/CAL exempt ";Well Condition:"";Well Repairs:""
OXEW1626	1/24/2020 10:57	60.3	38.7	0.2	0.8	-28.8	-28.9	-28.8	67.4	7.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1701	1/15/2020 14:12	57.9	42.1	0.0	0.0	-29.1	-29.1	-31.2	112.7	31.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1701	1/22/2020 12:17	60.6	39.0	0.0	0.4	-26.0	-26.0	-27.2	114.6	24.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	1/9/2020 11:20	59.2	40.8	0.0	0.0	-29.2	-29.1	-33.5	117.3	50.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	1/21/2020 11:20	60.0	40.0	0.0	0.0	-22.2	-22.2	-25.2	117.0	42.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	1/9/2020 11:27	60.1	39.9	0.0	0.0	-30.7	-30.8	-32.9	126.9	19.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	1/21/2020 11:12	60.2	39.8	0.0	0.0	-24.0	-23.2	-24.1	126.1	43.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	1/9/2020 10:44	60.8	39.2	0.0	0.0	-31.3	-31.1	-33.4	113.4	34.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	1/21/2020 11:01	61.3	38.7	0.0	0.0	-24.2	-24.5	-26.0	113.2	29.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1709	1/2/2020 12:51	51.6	32.2	4.1	12.1	-35.5	-34.6	-36.3	78.6	4.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1709	1/2/2020 12:52	50.1	31.8	4.0	14.1	-34.3	-34.6	-36.3	77.6	4.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1709	1/15/2020 14:16	48.5	24.7	5.6	21.2	-28.8	-30.6	-24.7	54.5	2.7	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1709	1/15/2020 14:17	47.7	27.3	6.4	18.6	-30.5	-26.5	-30.5	54.7	9.4	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1709	1/24/2020 11:45	28.3	16.2	10.9	44.6	-8.1	-8.1	-29.1	75.9	4.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1709	1/24/2020 11:46	32.5	19.2	10.0	38.3	-7.8	-7.8	-28.8	76.1	4.1	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXEW1710	1/15/2020 13:56	57.1	41.0	0.5	1.4	-29.6	-31.2	-29.5	53.8	9.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1710	1/15/2020 13:57	57.0	41.4	0.5	1.1	-30.5	-30.5	-30.5	53.8	5.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1710	1/24/2020 11:35	55.9	43.4	0.2	0.5	-28.1	-27.8	-27.8	62.1	9.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1711A	1/15/2020 12:07	63.6	35.7	0.3	0.4	-23.1	-23.1	-22.4	53.8	28.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1711A	1/24/2020 11:03	61.3	38.0	0.1	0.6	-28.8	-28.8	-28.5	67.1	21.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1712A	1/15/2020 12:11	62.3	37.2	0.1	0.4	-23.1	-21.1	-23.1	56.1	17.7	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1712A	1/15/2020 12:12	61.7	38.3	0.0	0.0	-22.8	-22.5	-22.7	56.3	11.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1712A	1/24/2020 11:06	60.9	37.9	1.2	0.0	-29.5	-29.5	-29.3	67.3	6.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1713	1/15/2020 12:16	61.1	38.3	0.2	0.4	-23.2	-23.5	-24.1	59.4	18.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1713	1/24/2020 11:09	62.0	37.9	0.1	0.0	-26.8	-16.0	-28.7	68.1	8.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1714	1/15/2020 12:02	34.3	21.8	11.9	32.0	-23.1	-23.0	-23.0	52.2	5.9	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1714	1/15/2020 12:04	32.6	21.8	8.8	36.8	-23.5	-23.5	-23.0	52.5	7.0	Valve Adjustment:"NSPS/CAL exempt ";Well Condition:"";Well Repairs:""
OXEW1714	1/24/2020 11:01	50.5	38.7	2.8	8.0	-29.1	-29.3	-29.0	65.7	1.1	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1714	1/24/2020 11:02	50.3	37.9	2.6	9.2	-29.0	-28.9	-28.8	67.5	5.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1715	1/7/2020 12:09	48.7	37.8	0.0	13.5	-2.0	-2.0	-42.5	97.0	7.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1715	1/17/2020 11:36	46.5	47.4	0.0	6.1	-2.5	-2.5	-44.5	91.8	7.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1715	1/17/2020 11:37	46.0	45.7	0.0	8.3	-2.5	-2.5	-44.2	91.1	7.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1716	1/7/2020 9:26	58.0	41.8	0.0	0.2	-30.4	-30.3	-36.3	81.9	4.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1716	1/17/2020 10:39	56.0	44.0	0.0	0.0	-36.1	-35.8	-40.0	88.4	3.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1717	1/7/2020 10:12	53.6	40.0	0.1	6.3	-35.0	-35.0	-36.5	111.9	63.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1717	1/17/2020 10:47	51.7	43.7	0.0	4.6	-38.8	-38.9	-40.3	113.8	54.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1801	1/9/2020 12:13	55.7	39.3	0.1	4.9	-29.4	-29.7	-34.0	124.5	74.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1801	1/9/2020 12:14	55.6	39.6	0.1	4.7	-29.9	-29.7	-33.6	124.5	78.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1801	1/21/2020 13:23	55.9	38.7	0.3	5.1	-22.9	-22.9	-24.9	101.6	63.4	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1801	1/21/2020 13:24	55.9	38.7	0.3	5.1	-23.0	-23.0	-25.3	102.2	67.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1802	1/9/2020 10:34	60.1	39.9	0.0	0.0	-28.6	-28.6	-28.4	111.7	32.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1802	1/21/2020 10:53	60.3	39.7	0.0	0.0	-22.8	-22.7	-23.0	111.2	40.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1803	1/9/2020 10:29	60.4	39.5	0.1	0.0	-29.0	-29.3	-29.2	52.0	10.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1803	1/21/2020 10:49	60.5	39.5	0.0	0.0	-21.7	-21.5	-21.3	51.6	8.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	1/9/2020 12:40	59.3	40.1	0.0	0.6	-34.4	-34.4	-35.4	117.1	12.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	1/21/2020 12:53	59.4	38.6	0.0	2.0	-24.3	-24.3	-25.1	83.6	7.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1805	1/9/2020 12:45	49.2	38.5	0.3	12.0	-25.3	-25.3	-37.6	123.3	27.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1805	1/21/2020 12:48	52.8	38.3	0.1	8.8	-17.9	-18.3	-26.2	121.3	14.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1806	1/10/2020 12:52	30.0	37.7	0.0	32.3	-2.8	-2.1	-38.0	118.9	15.3	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1806	1/10/2020 12:53	36.8	41.2	0.0	22.0	-1.9	-1.9	-38.4	117.9	13.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1806	1/22/2020 13:21	50.8	40.6	0.0	8.6	-0.3	-0.3	-31.9	122.2	5.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1807	1/9/2020 11:38	59.7	40.3	0.0	0.0	-8.0	-8.0	-14.9	126.3	29.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1807	1/21/2020 11:29	60.1	39.9	0.0	0.0	-5.6	-5.7	-11.5	126.5	21.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1808	1/9/2020 10:55	59.4	40.6	0.0	0.0	-1.8	-1.8	-2.4	110.1	11.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1808	1/24/2020 12:42	55.9	44.1	0.0	0.0	-0.1	-0.1	-0.4	108.4	11.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1809	1/9/2020 10:05	59.3	40.5	0.2	0.0	-18.3	-19.2	-33.3	115.7	9.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1809	1/9/2020 10:05	59.1	40.8	0.1	0.0	-19.5	-19.3	-33.0	115.5	13.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1809	1/21/2020 10:24	60.1	39.9	0.0	0.0	-17.1	-17.1	-25.4	114.1	12.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1809	1/21/2020 10:25	59.9	40.1	0.0	0.0	-17.4	-17.4	-24.0	114.6	24.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1810	1/7/2020 10:50	36.5	33.6	0.0	29.9	-38.4	-38.8	-38.8	67.3	0.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1810	1/17/2020 10:21	31.7	31.3	0.0	37.0	-38.4	-38.4	-38.9	64.5	1.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1811	1/10/2020 10:25	49.8	41.9	1.6	6.7	-27.7	-28.0	-36.1	72.0	32.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1811	1/21/2020 13:59	56.4	37.6	0.6	5.4	-20.3	-20.6	-24.8	62.8	127.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1811	1/21/2020 14:00	56.3	38.1	0.6	5.0	-20.3	-20.3	-24.6	63.2	132.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1812	1/10/2020 13:43	48.9	41.7	1.3	8.1	-11.8	-11.8	-36.4	122.8	13.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1812	1/22/2020 8:57	54.0	39.1	1.4	5.5	-8.4	-8.6	-27.0	121.8	13.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1813	1/9/2020 11:50	59.7	40.3	0.0	0.0	-13.8	-13.8	-14.0	120.0	12.4	Valve Adjustment:"Valve 100% open,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1813	1/9/2020 11:52	59.7	40.3	0.0	0.0	-13.9	-13.9	-13.9	120.0	11.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1813	1/21/2020 11:41	60.3	39.7	0.0	0.0	-10.7	-10.5	-10.7	118.0	23.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1815	1/10/2020 12:39	44.2	39.3	0.0	16.5	-15.4	-13.4	-38.1	125.7	18.7	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1815	1/10/2020 12:40	43.8	39.6	0.0	16.6	-13.0	-13.0	-37.4	124.9	14.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1815	1/22/2020 12:51	55.1	37.0	0.0	7.9	-8.1	-8.8	-30.6	126.9	11.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1815	1/22/2020 12:54	54.9	37.3	0.0	7.8	-8.8	-9.0	-31.1	126.9	18.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1816	1/9/2020 11:15	57.7	40.7	0.0	1.6	-20.9	-20.9	-38.3	111.2	52.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1816	1/24/2020 12:47	55.8	44.2	0.0	0.0	-18.8	-18.8	-31.6	111.3	46.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1817	1/15/2020 14:05	58.4	41.6	0.0	0.0	0.6	0.7	-0.3	98.9	11.6	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"Header vacuum loss";Well Repairs:""
OXEW1817	1/15/2020 14:06	55.7	44.3	0.0	0.0	0.5	0.6	-0.5	99.3	22.4	Valve Adjustment:"NSPS/CAI";Well Condition:"Header vacuum loss";Well Repairs:""
OXEW1817	1/24/2020 11:59	55.9	43.7	0.0	0.4	0.5	0.5	0.0	99.5	17.3	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"Header vacuum loss";Well Repairs:""
OXEW1817	1/24/2020 12:02	56.2	43.8	0.0	0.0	0.6	0.5	-0.1	99.3	16.3	Valve Adjustment:"NSPS/CAI";Well Condition:"Header vacuum loss";Well Repairs:""
OXEW1818	1/15/2020 14:01	59.3	40.7	0.0	0.0	-25.0	-25.0	-35.0	100.8	13.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1818	1/24/2020 11:57	57.2	42.8	0.0	0.0	-23.8	-23.8	-32.1	100.7	32.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1819	1/15/2020 13:57	58.5	39.8	0.7	1.0	-14.8	-15.7	-41.8	99.5	35.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1819	1/15/2020 13:58	58.5	40.5	1.0	0.0	-16.0	-16.3	-40.2	101.5	31.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1819	1/24/2020 11:54	54.8	40.4	0.7	4.1	-17.5	-18.3	-35.3	101.7	48.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1819	1/24/2020 11:55	55.9	42.8	0.6	0.7	-19.3	-19.2	-36.2	102.3	25.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1820	1/15/2020 13:53	62.3	37.7	0.0	0.0	-34.0	-34.1	-34.2	101.3	10.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1820	1/24/2020 11:50	59.2	40.2	0.1	0.5	-29.5	-27.6	-29.5	101.4	35.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1821	1/7/2020 11:14	36.3	26.7	0.1	36.9	-0.1	-0.1	-39.8	63.1	0.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1821	1/17/2020 9:59	32.4	22.9	1.4	43.3	-0.3	-0.3	-38.2	60.1	0.4	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1822	1/7/2020 11:16	14.7	25.9	0.0	59.4	-0.1	-0.1	-39.2	60.3	0.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1822	1/17/2020 10:03	14.3	26.3	0.0	59.4	-9.1	-8.3	-38.6	56.7	0.3	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1822	1/17/2020 10:05	14.6	28.4	0.1	56.9	-6.1	-5.7	-38.2	56.8	0.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1823	1/7/2020 11:23	18.3	25.5	0.6	55.6	-0.2	-0.2	-39.1	61.9	0.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1823	1/17/2020 10:09	14.2	23.5	0.5	61.8	-0.3	-0.3	-38.6	60.4	0.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1824	1/7/2020 10:59	66.8	33.1	0.1	0.0	-39.1	-39.1	-39.6	60.6	4.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1824	1/17/2020 10:19	66.7	32.4	0.0	0.9	-39.4	-38.7	-39.9	56.1	1.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1825	1/7/2020 10:48	37.9	34.3	1.3	26.5	-38.0	-38.1	-39.2	69.4	1.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1825	1/17/2020 10:28	36.5	36.1	1.2	26.2	-38.4	-38.4	-39.2	67.5	9.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1826	1/10/2020 13:39	38.8	42.5	0.0	18.7	-8.3	-8.0	-36.7	83.0	7.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1826	1/10/2020 13:41	38.6	41.5	0.0	19.9	-7.4	-7.3	-36.6	82.6	0.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1826	1/24/2020 12:58	48.9	39.7	0.1	11.3	-2.9	-2.9	-29.2	82.3	0.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1901	1/15/2020 10:21	54.4	45.6	0.0	0.0	-12.7	-13.0	-12.6	64.4	1.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1901	1/23/2020 12:24	54.7	45.3	0.0	0.0	-12.9	-12.8	-12.9	64.4	4.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1902	1/9/2020 11:24	26.5	30.2	0.0	43.3	-17.4	-15.5	-37.5	72.7	55.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1902	1/21/2020 11:16	33.7	34.7	0.0	31.6	-10.0	-9.7	-2.4	59.2	32.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1902	1/21/2020 11:16	33.5	33.4	0.0	33.1	-9.4	-9.4	-2.4	59.2	31.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1904	1/9/2020 11:08	56.8	40.3	0.0	2.9	-16.8	-16.8	-33.3	98.1	87.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1904	1/21/2020 11:09	58.5	40.3	0.0	1.2	-13.5	-13.4	-24.8	84.7	73.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1906	1/9/2020 10:49	59.2	40.2	0.6	0.0	-18.4	-22.7	-32.7	100.2	25.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1906	1/21/2020 11:05	60.3	39.7	0.0	0.0	-21.6	-20.2	-26.9	101.1	14.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1908	1/15/2020 13:18	61.1	37.7	0.2	1.0	-12.0	-12.0	-23.1	98.2	89.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1908	1/24/2020 12:17	57.6	42.3	0.1	0.0	-13.1	-12.9	-23.5	97.8	88.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1909	1/15/2020 13:52	61.1	38.2	0.0	0.7	-28.8	-28.8	-29.2	96.3	14.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1909	1/24/2020 11:25	57.1	42.9	0.0	0.0	-24.8	-24.8	-24.8	96.1	12.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1910	1/15/2020 13:24	59.1	40.9	0.0	0.0	-13.0	-13.0	-28.2	107.6	67.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1910	1/24/2020 12:20	56.6	43.4	0.0	0.0	-13.6	-13.8	-27.3	107.4	83.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1911	1/9/2020 12:48	41.5	35.0	2.4	21.1	-11.9	-11.5	-39.0	128.3	34.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1911	1/9/2020 12:49	41.4	34.5	2.5	21.6	-10.9	-10.9	-40.0	127.6	30.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1911	1/21/2020 12:38	42.6	33.7	2.8	20.9	-7.8	-7.5	-26.7	82.0	25.9	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1912	1/9/2020 10:15	48.8	38.8	0.0	12.4	-10.6	-10.7	-37.1	118.6	13.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1912	1/21/2020 10:37	52.5	38.7	0.0	8.8	-9.0	-9.0	-29.2	118.9	11.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1912	1/21/2020 12:39	45.7	33.0	2.4	18.9	-7.3	-7.2	-26.8	81.8	4.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1913	1/10/2020 13:49	37.3	43.0	0.0	19.7	-2.2	-1.3	-37.3	90.9	36.0	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1913	1/10/2020 13:50	37.0	41.0	0.0	22.0	-1.2	-1.2	-37.2	90.0	22.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1913	1/22/2020 8:47	59.5	40.5	0.0	0.0	-0.9	-1.0	-27.1	88.5	18.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1913	1/22/2020 8:48	59.4	40.6	0.0	0.0	-1.0	-1.0	-27.1	88.7	20.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1914	1/10/2020 10:09	56.6	43.4	0.0	0.0	-36.9	-37.0	-37.3	105.0	3.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1914	1/22/2020 11:21	59.2	40.0	0.0	0.8	-28.3	-28.2	-28.0	104.0	4.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1915	1/7/2020 9:48	47.0	41.4	0.0	11.6	-7.8	-7.8	-39.3	66.2	10.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1915	1/7/2020 9:49	46.9	40.4	0.0	12.7	-7.4	-7.4	-39.0	66.2	11.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1915	1/17/2020 11:02	50.4	45.3	0.0	4.3	-8.7	-8.7	-43.4	65.5	10.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1916	1/7/2020 11:39	49.2	38.9	0.3	11.6	-39.8	-39.5	-39.8	64.9	8.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1916	1/17/2020 12:15	41.2	39.1	3.0	16.7	-41.5	-33.4	-41.4	60.1	3.5	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1916	1/17/2020 12:17	41.0	38.9	3.3	16.8	-33.4	-33.4	-41.2	60.0	2.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1917	1/9/2020 9:35	57.5	42.4	0.1	0.0	-35.7	-36.7	-35.9	50.5	9.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1917	1/17/2020 12:54	54.1	45.9	0.0	0.0	-42.0	-42.0	-41.6	60.1	2.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1918	1/2/2020 14:23	15.7	21.3	7.6	55.4	-9.0	-3.2	-40.7	91.3	8.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1918	1/2/2020 14:24	15.3	20.5	7.9	56.3	-2.8	-2.8	-40.7	87.8	5.3	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXEW1918	1/7/2020 10:54	17.0	18.4	9.2	55.4	-32.3	-32.3	-41.1	91.9	36.0	Valve Adjustment:"NSPS/CAI,No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1918	1/7/2020 10:55	17.0	18.0	9.2	55.8	-32.3	-32.3	-40.7	92.1	33.5	Valve Adjustment:"NSPS/CAI,No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1918	1/17/2020 10:15	11.1	15.5	11.2	62.2	-33.7	-34.0	-40.4	87.6	27.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1918	1/17/2020 10:17	10.1	14.9	11.1	63.9	-33.7	-33.7	-40.4	87.8	27.9	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXEW1919	1/7/2020 11:19	22.4	27.1	0.0	50.5	-37.4	-37.4	-38.7	74.5	14.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1919	1/17/2020 10:07	19.7	28.6	0.0	51.7	-37.3	-37.1	-39.0	70.5	15.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1920	1/7/2020 11:11	33.7	26.4	0.3	39.6	-0.2	-0.2	-39.6	64.4	1.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1920	1/17/2020 9:57	36.4	28.9	0.0	34.7	-0.2	-0.2	-38.6	61.5	4.6	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1921	1/7/2020 11:29	54.3	40.1	0.0	5.6	-37.4	-37.4	-39.1	107.4	29.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1921	1/17/2020 10:24	52.4	43.0	0.0	4.6	-37.9	-37.7	-38.8	109.1	22.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW326A	1/15/2020 12:24	62.7	37.1	0.2	0.0	-24.5	-24.5	-24.2	56.1	1.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW326A	1/24/2020 10:56	60.9	38.8	0.1	0.2	-29.1	-28.9	-29.1	67.2	7.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEWHC6A	1/15/2020 14:47	15.6	14.7	14.9	54.8	-34.5	-34.5	-34.5	60.3	2.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEWHC6A	1/15/2020 14:49	14.5	13.8	14.8	56.9	-34.7	-34.7	-34.6	60.4	3.1	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXEWHC6A	1/17/2020 11:05	12.9	14.3	14.3	58.5	-43.4	-43.6	-43.3	60.2	2.4	Valve Adjustment:"NSPS/CAL exempt ";Well Condition:"";Well Repairs:""
OXHC1901	1/15/2020 14:02	9.9	10.5	17.3	62.3	-30.5	-30.5	-30.5	52.5	8.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXHC1901	1/15/2020 14:03	11.0	8.6	17.1	63.3	-30.5	-30.9	-30.5	49.8	10.8	Valve Adjustment:"NSPS/CAL exempt ";Well Condition:"";Well Repairs:""
OXHC1901	1/24/2020 11:32	0.4	0.4	19.8	79.4	-28.8	-29.5	-28.5	61.3	11.8	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXHC1901	1/24/2020 11:33	0.4	0.6	19.7	79.3	-29.1	-28.9	-29.5	61.5	9.7	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXHC1922	1/15/2020 13:36	59.4	40.6	0.0	0.0	-6.6	-9.0	-27.0	60.3	22.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXHC1922	1/15/2020 13:37	59.0	40.9	0.1	0.0	-9.0	-9.0	-26.8	61.4	26.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXHC1922	1/24/2020 11:21	57.2	42.8	0.0	0.0	-0.6	-1.1	-26.5	64.2	45.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXHC1922	1/24/2020 11:24	56.9	43.1	0.0	0.0	-1.2	-1.1	-27.4	64.7	57.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXLCR4A1	1/7/2020 12:12	50.4	39.3	2.1	8.2	-1.6	-1.5	-43.4	75.9	45.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXLCR4A1	1/17/2020 11:27	50.1	44.9	1.3	3.7	-1.7	-1.6	-45.3	65.3	45.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXLCR4A2	1/7/2020 12:19	50.9	41.7	1.9	5.5	-0.9	-0.9	-42.5	74.3	25.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXLCR4A2	1/17/2020 11:29	49.6	46.2	1.3	2.9	-1.0	-1.0	-44.2	64.8	22.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXLCR4B1	1/7/2020 12:14	53.2	42.2	0.6	4.0	-0.7	-0.7	-42.7	76.8	29.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXLCR4B1	1/7/2020 12:15	53.3	42.8	0.6	3.3	-0.7	-0.7	-42.4	76.8	28.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXLCR4B1	1/17/2020 11:31	50.4	49.2	0.4	0.0	-0.8	-0.8	-44.8	64.5	30.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXLCR4B2	1/7/2020 12:17	53.1	43.3	0.6	3.0	-0.7	-0.7	-43.4	73.4	6.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXLCR4B2	1/17/2020 11:33	49.1	50.5	0.4	0.0	-0.8	-0.8	-43.8	64.3	5.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXLCS07	1/15/2020 13:31	60.9	39.1	0.0	0.0	-3.8	-3.8	-30.3	72.5	114.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCS07	1/23/2020 14:30	58.4	41.6	0.0	0.0	-2.9	-2.9	-31.4	72.7	114.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCS3A	1/15/2020 11:47	52.4	47.6	0.0	0.0	-29.0	-28.2	-32.4	93.5	97.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCS3A	1/23/2020 13:42	54.2	45.8	0.0	0.0	-21.4	-21.7	-26.1	93.1	125.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCS3B	1/15/2020 11:48	53.6	46.4	0.0	0.0	-23.5	-22.2	-30.1	93.6	152.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCS3B	1/23/2020 13:44	54.3	45.7	0.0	0.0	-25.5	-21.6	-28.3	93.4	59.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXLCRS7B	1/15/2020 13:39	62.2	37.8	0.0	0.0	-4.0	-4.3	-33.0	72.9	115.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS7B	1/23/2020 14:31	58.7	41.3	0.0	0.0	-2.8	-2.8	-30.0	72.6	109.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME302D	1/10/2020 12:34	48.9	34.2	3.4	13.5	-26.8	-27.0	-36.9	117.1	38.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME302D	1/22/2020 12:39	41.5	27.9	6.8	23.8	-22.2	-18.4	-30.6	119.3	34.9	Valve Adjustment:"NSPS/CAI Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME302D	1/22/2020 12:41	43.8	29.3	5.9	21.0	-15.5	-15.5	-31.1	118.0	21.9	Valve Adjustment:"Valve at optimum position,NSPS/CAL exempt ";Well Condition:"";Well Repairs:""
OXME305D	1/10/2020 12:44	54.3	45.7	0.0	0.0	-3.0	-3.0	-36.4	130.1	7.4	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXME305D	1/22/2020 12:55	60.3	39.2	0.0	0.5	-2.1	-2.3	-29.8	129.7	7.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXME305D	1/22/2020 12:57	59.6	40.4	0.0	0.0	-2.6	-2.6	-29.7	130.4	11.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXME306D	1/15/2020 10:30	55.3	44.2	0.0	0.5	-22.8	-22.8	-33.8	126.9	25.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME306D	1/23/2020 12:32	56.6	43.4	0.0	0.0	-19.2	-19.2	-28.6	127.0	20.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME306D	1/23/2020 12:34	55.2	44.8	0.0	0.0	-19.2	-19.0	-29.2	127.1	20.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME308D	1/10/2020 11:08	42.6	40.3	0.0	17.1	-27.8	-26.3	-41.0	121.8	22.3	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME308D	1/10/2020 11:10	42.2	41.3	0.0	16.5	-25.6	-25.3	-41.2	121.0	17.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME308D	1/22/2020 12:06	50.5	37.1	0.0	12.4	-18.9	-18.9	-30.8	121.6	15.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXME312D	1/10/2020 10:56	41.2	41.4	0.0	17.4	-2.7	-2.5	-15.5	113.1	13.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME312D	1/10/2020 10:58	40.4	41.7	0.0	17.9	-2.4	-2.4	-15.6	112.7	32.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME312D	1/22/2020 11:52	47.4	38.2	0.2	14.2	-0.8	-0.8	-12.7	98.1	8.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXME316D	1/10/2020 10:18	57.5	42.5	0.0	0.0	-32.3	-32.4	-33.9	124.1	59.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME316D	1/21/2020 14:11	60.2	39.4	0.1	0.3	-23.0	-23.1	-23.3	92.4	47.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME317D	1/10/2020 10:22	57.2	42.8	0.0	0.0	-34.7	-34.7	-35.3	90.0	8.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME317D	1/21/2020 14:04	60.0	39.2	0.1	0.7	-24.8	-24.7	-24.4	69.1	12.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW113	1/15/2020 9:36	52.9	44.0	0.0	3.1	-16.4	-23.3	-32.7	78.3	52.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW113	1/15/2020 9:38	52.8	45.2	0.0	2.0	-19.7	-16.3	-31.4	79.2	87.4	Valve Adjustment:"No change";Well Condition:"Surging in lateral";Well Repairs:""
OXMEW113	1/23/2020 11:45	50.4	46.0	0.0	3.6	-17.5	-17.1	-23.8	79.1	41.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW122	1/15/2020 11:07	54.5	45.5	0.0	0.0	-35.2	-35.4	-35.3	67.3	17.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW122	1/23/2020 13:03	55.3	44.7	0.0	0.0	-29.2	-29.4	-29.5	67.1	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW126	1/15/2020 9:17	57.2	42.8	0.0	0.0	-33.6	-33.4	-33.6	54.5	11.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW126	1/23/2020 11:28	56.9	43.1	0.0	0.0	-25.6	-25.6	-25.4	54.8	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW138	1/15/2020 11:41	45.3	42.0	0.0	12.7	-2.5	-2.3	-30.4	70.9	0.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW138	1/23/2020 13:34	51.3	41.9	0.0	6.8	-1.6	-1.7	-25.3	70.8	0.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW145	1/15/2020 9:33	54.3	45.7	0.0	0.0	-34.0	-34.0	-34.7	99.7	8.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW145	1/23/2020 11:42	54.0	46.0	0.0	0.0	-29.2	-28.9	-29.5	99.7	8.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW156	1/7/2020 9:53	57.2	41.5	0.0	1.3	0.2	0.1	0.1	59.0	0.0	Valve Adjustment:"NSPS/CAI,No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	1/7/2020 9:54	57.3	42.7	0.0	0.0	0.2	0.2	0.2	59.5	0.0	Valve Adjustment:"NSPS/CAI,No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	1/17/2020 10:58	54.8	45.2	0.0	0.0	-10.6	-11.8	-10.1	60.3	12.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW158	1/15/2020 9:11	48.2	42.6	0.0	9.2	-28.9	-28.9	-33.6	61.8	11.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW158	1/23/2020 11:22	51.7	42.7	0.0	5.6	-22.5	-22.5	-25.6	61.6	0.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW159	1/15/2020 9:13	48.7	44.8	0.0	6.5	-31.5	-31.4	-33.6	64.7	15.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW159	1/23/2020 11:24	53.7	45.6	0.0	0.7	-24.1	-24.1	-25.4	64.5	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW162	1/15/2020 11:26	40.2	29.4	3.7	26.7	-3.4	-0.4	-30.4	69.9	8.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW162	1/23/2020 13:20	55.2	36.7	0.9	7.2	-26.2	-26.2	-26.2	69.9	2.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW164	1/15/2020 11:13	3.4	4.3	18.5	73.8	-0.7	-0.8	-31.4	66.3	10.8	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW164	1/15/2020 11:15	0.6	1.9	20.9	76.6	-0.9	-0.8	-30.7	65.5	10.8	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXMEW164	1/23/2020 13:09	58.1	41.5	0.0	0.4	-1.0	-0.2	-27.0	65.5	0.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW170	1/2/2020 14:27	49.1	26.6	4.8	19.5	-40.7	-40.6	-40.8	68.2	10.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW170	1/7/2020 11:03	45.7	24.5	6.8	23.0	-38.4	-38.4	-38.8	59.0	8.7	Valve Adjustment:"NSPS/CAI,No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW170	1/7/2020 11:05	45.7	22.2	6.3	25.8	-39.0	-39.0	-38.8	59.4	10.3	Valve Adjustment:"NSPS/CAI,No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW170	1/17/2020 10:13	52.3	26.6	4.6	16.5	-38.9	-38.4	-39.2	69.3	11.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW173	1/7/2020 9:08	46.6	36.5	0.1	16.8	-12.8	-12.5	-33.2	117.5	92.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW173	1/7/2020 9:10	46.6	38.7	0.1	14.6	-12.5	-12.5	-34.5	117.1	76.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW173	1/17/2020 10:36	47.1	41.9	0.0	11.0	-14.1	-13.0	-37.5	118.6	88.2	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW173	1/17/2020 10:37	46.9	42.7	0.0	10.4	-13.0	-13.0	-41.6	117.6	92.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW174	1/7/2020 9:57	58.8	41.2	0.0	0.0	0.2	0.2	0.1	60.8	0.0	Valve Adjustment:"NSPS/CAI,No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW174	1/7/2020 9:59	59.6	40.4	0.0	0.0	-0.1	0.0	0.0	61.3	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW174	1/17/2020 10:54	30.9	24.9	9.5	34.7	-11.0	-10.8	-10.4	63.5	18.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW174	1/17/2020 10:56	21.8	18.9	13.2	46.1	-10.8	-10.8	-10.4	62.4	11.4	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXMEW174	1/30/2020 11:53	58.2	36.4	0.8	4.6	-3.0	-3.0	-3.0	62.7	19.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW175	1/7/2020 10:07	41.0	33.4	0.6	25.0	-28.3	-26.2	-39.5	86.4	17.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW175	1/7/2020 10:08	40.8	35.7	0.4	23.1	-21.8	-21.8	-39.4	84.9	12.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW175	1/17/2020 11:08	49.9	41.9	0.0	8.2	-27.0	-27.1	-43.6	85.7	16.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW176	1/7/2020 12:05	47.8	38.3	0.4	13.5	-19.2	-19.5	-39.4	113.7	114.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW176	1/17/2020 11:40	46.0	43.4	0.0	10.6	-19.0	-16.6	-40.3	113.7	57.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW176	1/17/2020 11:41	45.7	42.1	0.1	12.1	-15.1	-14.9	-42.5	113.1	28.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW181	1/10/2020 13:46	54.3	45.0	0.0	0.7	-35.8	-36.9	-37.3	114.7	65.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW181	1/22/2020 8:52	58.6	41.2	0.2	0.0	-27.5	-25.6	-27.7	113.9	44.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW182	1/10/2020 10:33	53.0	43.3	0.0	3.7	-27.6	-27.3	-36.6	119.5	58.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW182	1/21/2020 13:48	57.0	37.4	0.0	5.6	-19.4	-19.0	-25.4	113.2	146.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW183	1/10/2020 13:30	38.7	44.2	0.0	17.1	-11.1	-8.8	-35.5	119.8	76.7	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW183	1/10/2020 13:32	38.4	43.9	0.0	17.7	-8.1	-8.4	-35.3	118.9	51.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW183	1/22/2020 14:49	52.9	38.5	0.1	8.5	-5.1	-4.8	-27.5	120.0	43.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW184	1/10/2020 13:26	46.3	46.7	0.0	7.0	-0.5	-0.5	-35.6	127.4	22.4	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW184	1/22/2020 14:39	55.8	39.9	0.0	4.3	-0.1	-0.3	-27.8	127.9	28.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW184	1/22/2020 14:41	54.3	40.5	0.0	5.2	-0.3	-0.3	-27.7	128.3	20.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW185	1/10/2020 13:23	44.5	44.4	0.0	11.1	-0.9	-0.6	-36.1	120.4	15.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW185	1/10/2020 13:25	44.3	44.8	0.0	10.9	-0.5	-0.5	-35.5	120.4	29.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW185	1/22/2020 14:02	57.2	42.7	0.1	0.0	0.0	-0.8	-28.3	117.7	0.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW185	1/22/2020 14:04	57.8	42.2	0.0	0.0	-1.2	-0.8	-26.5	124.2	17.2	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW186	1/10/2020 10:47	50.1	45.5	1.4	3.0	-2.0	-2.0	-15.8	122.0	8.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW186	1/22/2020 11:40	49.5	39.1	0.5	10.9	-1.2	-1.2	-12.9	124.5	8.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW187	1/10/2020 13:12	36.7	43.7	0.3	19.3	-1.6	-1.2	-16.3	113.4	12.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW187	1/10/2020 13:14	36.6	44.5	0.7	18.2	-1.1	-1.1	-16.5	112.6	39.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW187	1/22/2020 13:37	57.2	42.7	0.0	0.1	-0.1	-0.7	-13.5	109.9	18.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW187	1/22/2020 13:38	56.9	43.1	0.0	0.0	-0.9	-1.0	-12.9	118.2	18.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW188	1/10/2020 13:06	48.0	46.3	0.0	5.7	-1.2	-1.2	-16.1	102.3	17.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW188	1/22/2020 14:22	53.9	39.3	0.0	6.8	-0.8	-0.7	-13.4	106.7	14.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW189	1/10/2020 12:58	44.8	45.1	0.0	10.1	-4.3	-3.4	-15.2	118.2	46.3	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW189	1/10/2020 13:01	44.2	45.8	0.0	10.0	-2.3	-3.1	-16.1	117.8	39.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW189	1/22/2020 14:28	57.9	40.2	0.1	1.8	-0.8	-0.8	-13.3	114.4	15.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW189	1/22/2020 14:29	58.0	39.9	0.1	2.0	-1.4	-1.5	-13.0	115.0	53.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW190	1/10/2020 10:59	52.9	42.7	0.5	3.9	-12.0	-12.0	-15.4	120.9	41.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW190	1/22/2020 12:01	57.5	38.2	0.4	3.9	-9.8	-9.8	-12.6	122.4	40.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW191	1/7/2020 9:15	46.3	39.2	0.5	14.0	-11.1	-10.8	-39.6	127.8	39.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW191	1/7/2020 9:15	46.3	39.4	0.6	13.7	-10.7	-10.7	-38.1	127.6	45.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW191	1/17/2020 10:43	47.0	42.6	0.5	9.9	-12.3	-11.1	-44.6	129.1	53.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW191	1/17/2020 10:44	47.3	42.5	0.6	9.6	-11.1	-11.1	-44.0	128.2	39.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW192	1/7/2020 9:27	51.6	41.6	0.2	6.6	-23.0	-23.0	-39.6	110.3	55.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW192	1/17/2020 12:06	48.8	45.8	0.0	5.4	-27.9	-28.4	-42.9	110.0	52.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW194	1/10/2020 13:36	45.6	44.9	0.6	8.9	-20.3	-19.0	-36.3	85.0	12.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW194	1/10/2020 13:38	45.4	44.8	0.6	9.2	-16.3	-15.7	-37.0	84.6	10.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW194	1/24/2020 13:00	54.0	42.2	0.0	3.8	-6.8	-8.5	-29.4	84.5	11.6	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW194	1/24/2020 13:02	53.4	43.6	0.0	3.0	-11.8	-12.5	-29.2	85.6	16.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW196	1/10/2020 10:37	47.2	41.3	0.0	11.5	-14.3	-13.4	-35.2	114.8	14.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW196	1/10/2020 10:38	47.2	40.6	0.0	12.2	-13.0	-13.0	-35.7	114.0	11.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW196	1/21/2020 13:45	51.6	37.7	0.0	10.7	-7.8	-7.8	-25.6	80.3	10.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW199	1/10/2020 10:44	52.0	43.7	0.0	4.3	-12.0	-11.9	-15.3	120.8	50.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW199	1/21/2020 13:40	52.1	38.8	0.0	9.1	-8.8	-8.5	-10.3	96.3	45.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW199	1/22/2020 11:34	51.1	38.9	0.2	9.8	-9.8	-9.8	-12.3	121.5	51.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW200	1/10/2020 13:18	29.1	36.7	1.5	32.7	-4.6	-3.4	-35.1	103.0	48.6	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW200	1/10/2020 13:19	28.6	36.9	1.3	33.2	-3.2	-3.1	-34.8	102.7	26.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW200	1/22/2020 13:48	7.1	4.6	18.4	69.9	0.6	-0.2	-28.1	88.9	24.4	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW200	1/22/2020 13:51	17.0	11.7	14.7	56.6	-0.4	-0.1	-28.5	97.2	24.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW201	1/10/2020 13:21	37.2	41.4	0.0	21.4	-0.6	-0.6	-36.1	108.0	39.5	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW201	1/22/2020 14:11	54.4	40.8	0.0	4.8	0.0	-0.2	-27.6	99.3	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW201	1/22/2020 14:12	53.1	40.2	0.0	6.7	-0.3	-0.3	-27.5	104.9	40.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW203	1/15/2020 9:52	38.4	34.8	0.0	26.8	-19.5	-18.3	-31.5	73.4	11.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW203	1/15/2020 9:53	38.4	34.2	0.1	27.3	-17.7	-17.7	-32.3	72.8	5.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW203	1/23/2020 11:59	44.3	37.3	0.1	18.3	-14.8	-10.8	-29.5	72.8	6.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW203	1/23/2020 12:01	43.5	35.6	0.4	20.5	-6.8	-6.8	-29.2	72.0	5.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW204	1/15/2020 9:58	44.2	39.8	0.0	16.0	-10.0	-6.6	-28.0	107.8	8.4	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW204	1/15/2020 10:02	43.5	44.5	0.0	12.0	-5.3	-5.0	-34.7	107.0	6.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW204	1/23/2020 12:06	55.1	44.9	0.0	0.0	-1.6	-3.5	-27.4	107.0	8.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW204	1/23/2020 12:08	54.3	45.7	0.0	0.0	-5.5	-5.5	-25.9	107.7	7.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW205	1/2/2020 13:07	34.0	41.5	0.0	24.5	-1.0	-0.6	-16.2	125.8	31.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW205	1/2/2020 13:08	37.2	44.4	0.0	18.4	-0.5	-0.5	-16.6	125.8	18.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW205	1/10/2020 13:03	40.6	47.0	0.0	12.4	-0.2	-0.2	-16.2	125.8	14.5	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW205	1/22/2020 13:30	54.5	42.5	0.0	3.0	-0.1	-0.1	-13.5	130.3	22.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW209	1/10/2020 11:13	54.5	45.5	0.0	0.0	-4.3	-4.8	-41.1	128.5	7.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW209	1/10/2020 11:17	53.7	46.3	0.0	0.0	-5.0	-5.0	-40.5	129.2	15.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW209	1/22/2020 13:14	59.3	40.7	0.0	0.0	-4.8		-30.3	130.2	13.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW209	1/23/2020 14:22	56.1	43.9	0.0	0.0	-4.2	-4.2	-28.9	129.7	13.6	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""
OXMEW210	1/15/2020 10:33	48.7	42.7	0.0	8.6	-33.4	-33.7	-33.9	121.8	23.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW210	1/23/2020 12:35	54.5	44.2	0.0	1.3	-27.9	-28.2	-28.8	121.6	16.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW300	1/10/2020 11:22	56.9	43.1	0.0	0.0	-39.7	-39.5	-41.0	107.2	20.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW300	1/22/2020 12:28	62.4	37.6	0.0	0.0	-29.8	-29.7	-30.8	106.9	19.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW301	1/10/2020 11:28	37.1	28.4	7.1	27.4	-3.3	-3.2	-28.8	78.6	6.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW301	1/10/2020 11:29	38.7	28.1	7.5	25.7	-3.2	-3.2	-28.8	78.2	7.2	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXMEW301	1/20/2020 13:48	53.1	32.0	2.4	12.5	-2.6	-2.6	-33.9	78.1	5.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW301	1/20/2020 13:49	53.5	32.4	2.2	11.9	-2.6	-2.6	-33.6	78.0	5.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW301	1/22/2020 12:32	59.8	37.1	0.9	2.2	-2.7	-4.8	-30.4	78.3	3.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW301	1/22/2020 12:33	60.5	37.1	0.8	1.6	-6.1	-6.1	-30.5	81.1	3.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW302	1/10/2020 12:35	37.5	36.1	0.0	26.4	-9.3	-8.0	-37.3	108.9	15.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW302	1/10/2020 12:37	37.4	36.8	0.0	25.8	-7.3	-7.1	-37.6	108.1	29.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW302	1/22/2020 12:45	57.3	37.4	0.2	5.1	-3.7	-5.4	-31.0	105.8	14.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW302	1/22/2020 12:48	57.2	37.4	0.2	5.2	-6.4	-6.4	-30.9	109.9	14.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW303	1/15/2020 10:38	60.6	38.2	0.0	1.2	-35.1	-35.1	-35.3	79.7	13.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW303	1/23/2020 12:39	63.2	36.8	0.0	0.0	-29.2	-29.0	-29.5	79.8	12.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW305	1/10/2020 12:42	48.6	41.5	0.0	9.9	-15.3	-15.3	-36.1	116.1	10.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW305	1/22/2020 13:01	52.0	36.1	0.6	11.3	-11.5	-11.5	-30.0	117.1	5.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW306	1/15/2020 10:26	35.4	37.7	0.1	26.8	-4.3	-3.3	-33.6	117.7	30.4	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW306	1/15/2020 10:27	35.4	36.4	0.1	28.1	-3.2	-3.1	-34.5	117.0	23.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW306	1/23/2020 12:29	44.5	41.2	0.0	14.3	-2.0	-1.5	-28.6	117.0	10.3	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW306	1/23/2020 12:30	44.1	40.5	0.1	15.3	-1.4	-1.4	-28.6	116.6	0.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW307	1/15/2020 9:28	47.2	34.0	3.7	15.1	-34.6	-33.1	-34.7	89.1	5.5	Valve Adjustment:"Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW307	1/15/2020 9:31	46.3	36.2	3.2	14.3	-33.4	-33.0	-35.0	88.7	6.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW307	1/23/2020 11:39	52.7	42.0	1.8	3.5	-28.2	-28.2	-28.6	88.7	5.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW308	1/10/2020 11:05	38.8	39.2	0.0	22.0	-28.7	-26.6	-40.0	115.5	25.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW308	1/10/2020 11:06	38.5	40.0	0.0	21.5	-26.0	-26.3	-39.6	115.1	15.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW308	1/22/2020 12:04	48.1	37.2	0.5	14.2	-18.1	-18.2	-30.4	115.7	19.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW309	1/10/2020 12:47	46.8	44.8	0.0	8.4	-21.3	-20.3	-37.1	125.6	52.6	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW309	1/10/2020 12:49	46.3	43.7	0.0	10.0	-20.1	-20.1	-37.2	124.7	42.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW309	1/22/2020 13:07	52.5	36.4	0.2	10.9	-16.0	-15.8	-30.8	125.4	41.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW310	1/9/2020 12:09	43.6	37.8	0.1	18.5	-9.8	-9.4	-14.0	114.8	64.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW310	1/9/2020 12:10	43.4	37.4	0.1	19.1	-8.8	-8.8	-14.3	114.1	15.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW310	1/10/2020 10:40	40.1	40.7	0.0	19.2	-9.0	-7.7	-15.1	110.1	66.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW310	1/10/2020 10:41	39.9	40.0	0.0	20.1	-7.4	-7.0	-14.4	109.7	37.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW310	1/21/2020 13:29	49.5	38.2	0.0	12.3	-4.0	-4.1	-10.0	73.3	75.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW311	1/15/2020 10:17	43.2	40.1	0.0	16.7	-25.7	-23.5	-31.0	119.3	45.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW311	1/15/2020 10:19	42.9	40.5	0.0	16.6	-22.7	-22.6	-30.6	118.8	46.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW311	1/23/2020 12:21	52.5	43.1	0.0	4.4	-19.3	-20.2	-26.6	118.6	39.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW311	1/23/2020 12:23	52.2	42.2	0.0	5.6	-20.3	-20.3	-28.0	119.0	35.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW312	1/10/2020 10:54	49.8	44.5	0.0	5.7	-9.7	-9.7	-15.0	107.8	238.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW312	1/22/2020 11:48	55.5	39.7	0.2	4.6	-8.1	-9.2	-12.2	108.1	193.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW312	1/22/2020 11:49	55.4	39.3	0.2	5.1	-9.4	-9.8	-13.0	108.3	208.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW313	1/7/2020 12:33	51.3	38.0	2.2	8.5	-41.1	-40.7	-42.2	58.8	14.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW313	1/17/2020 11:44	53.7	42.9	1.1	2.3	-43.4	-39.4	-43.6	59.9	14.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW314	1/7/2020 12:23	44.8	38.4	0.7	16.1	-37.1	-36.4	-43.1	62.1	10.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW314	1/7/2020 12:24	44.7	38.2	0.8	16.3	-35.4	-35.4	-42.7	61.9	8.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW314	1/17/2020 11:25	47.5	42.6	0.0	9.9	-37.4	-30.4	-44.0	62.5	13.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW314	1/17/2020 11:26	47.2	42.3	0.0	10.5	-27.7	-27.3	-44.3	62.0	12.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW315	1/10/2020 11:19	50.8	45.7	0.1	3.4	-35.7	-35.7	-41.7	118.6	22.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW315	1/22/2020 12:21	50.8	38.0	1.8	9.4	-26.3	-26.2	-29.2	117.9	17.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW316	1/10/2020 10:16	58.5	41.5	0.0	0.0	-32.4	-32.0	-34.2	105.3	8.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW316	1/21/2020 14:14	61.3	38.7	0.0	0.0	-23.0	-23.0	-23.5	87.6	10.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW317	1/10/2020 10:21	57.3	42.7	0.0	0.0	-34.4	-34.5	-35.3	109.6	29.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW317	1/21/2020 14:07	60.6	39.4	0.0	0.0	-24.7	-24.8	-24.3	63.4	24.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW318	1/10/2020 10:28	29.6	36.2	0.0	34.2	-8.0	-6.0	-35.4	113.0	43.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW318	1/10/2020 10:30	29.3	35.7	0.0	35.0	-5.7	-5.7	-35.9	112.0	41.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW318	1/21/2020 13:55	54.6	37.5	0.0	7.9	-2.4	-3.3	-25.0	74.2	28.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW318	1/21/2020 13:56	54.8	37.3	0.0	7.9	-3.8	-3.8	-25.0	75.6	30.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW319	1/9/2020 12:18	47.1	38.9	0.4	13.6	-14.7	-13.9	-33.4	107.2	24.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW319	1/9/2020 12:19	46.9	38.6	0.5	14.0	-12.1	-12.0	-33.3	105.4	11.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW319	1/21/2020 13:13	57.8	39.9	0.0	2.3	-7.8	-9.8	-25.0	76.8	56.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW319	1/21/2020 13:14	57.8	39.7	0.0	2.5	-10.7	-10.7	-24.6	79.3	76.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW320	1/9/2020 11:45	58.8	40.5	0.7	0.0	-14.2	-14.2	-14.0	121.6	13.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW320	1/21/2020 11:37	59.4	39.9	0.5	0.2	-10.9	-10.9	-10.8	120.9	9.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW321	1/9/2020 10:40	52.1	38.7	1.8	7.4	-8.2	-8.1	-14.4	110.1	48.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW321	1/21/2020 10:58	53.3	38.8	1.6	6.3	-6.7	-6.7	-11.1	108.9	33.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW322	1/10/2020 10:12	56.9	43.1	0.0	0.0	-21.0	-24.3	-37.2	119.3	9.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW322	1/10/2020 10:14	56.6	43.3	0.1	0.0	-26.3	-26.7	-37.9	120.1	17.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW322	1/22/2020 8:40	60.8	38.8	0.0	0.4	-21.4	-23.2	-26.4	120.0	16.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW322	1/22/2020 8:42	60.1	39.9	0.0	0.0	-23.6	-23.6	-26.7	120.6	0.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW323	1/15/2020 11:31	58.2	40.6	0.5	0.7	-30.2	-30.3	-30.4	112.6	24.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW323	1/21/2020 12:24	56.8	36.2	1.2	5.8	-24.3	-24.3	-24.0	112.6	22.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW325	1/15/2020 13:41	43.5	30.2	5.8	20.5	-27.5	-28.5	-27.4	50.9	5.9	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW325	1/15/2020 13:43	59.8	35.8	0.4	4.0	-28.9	-29.0	-29.1	51.3	10.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW325	1/24/2020 11:17	38.9	26.9	7.9	26.3	-25.1	-25.0	-24.8	61.2	9.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW325	1/24/2020 11:18	42.1	29.5	4.9	23.5	-25.1	-25.1	-25.3	61.1	1.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW328	1/9/2020 10:20	60.7	39.3	0.0	0.0	-26.4	-30.8	-25.6	116.4	57.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW328	1/9/2020 10:21	60.0	40.0	0.0	0.0	-27.8	-28.7	-28.2	116.2	25.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW328	1/21/2020 10:41	60.6	38.8	0.1	0.5	-21.6	-21.8	-23.2	115.7	37.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWHC1	1/15/2020 9:23	55.6	44.4	0.0	0.0	-33.8	-34.5	-34.2	53.1		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWHC1	1/23/2020 11:34	55.8	44.2	0.0	0.0	27.5	26.5	26.2	53.1		Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWHC1	1/23/2020 11:36	55.6	44.4	0.0	0.0	26.8	26.7	26.4	53.1		Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXMEWW05	1/7/2020 11:55	54.1	41.9	0.8	3.2	-43.1	-42.7	-43.1	114.6	38.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW05	1/17/2020 12:27	52.7	47.3	0.0	0.0	-44.0	-44.4	-43.5	116.4	13.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW06	1/7/2020 11:59	54.7	42.4	0.3	2.6	-42.6	-42.6	-43.2	86.0	13.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW06	1/17/2020 12:33	51.8	48.2	0.0	0.0	-44.1	-44.1	-43.8	86.9	14.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW08	1/7/2020 9:31	55.0	42.1	0.3	2.6	-0.9	-1.0	-8.4	62.4	13.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW08	1/7/2020 9:32	55.1	43.4	0.2	1.3	-1.0	-1.0	-8.1	65.1	17.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW08	1/17/2020 12:01	28.1	27.5	10.6	33.8	-4.3	-4.2	-19.5	96.0	78.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEWW08	1/17/2020 12:05	27.3	26.5	10.4	35.8	-4.0	-4.0	-22.3	95.3	41.6	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXMEWW08	1/20/2020 14:25	45.2	38.8	4.0	12.0	-0.6	-0.6	-5.8	95.2	45.5	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEWW15	1/7/2020 12:37	55.1	39.4	0.4	5.1	-41.1	-41.1	-41.7	61.7	25.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEWW15	1/17/2020 11:48	57.4	42.6	0.0	0.0	-43.6	-43.4	-43.4	59.0	8.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW16	1/7/2020 12:44	55.4	40.9	0.8	2.9	-38.0	-35.0	-38.5	72.9	12.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW16	1/17/2020 12:34	51.6	48.4	0.0	0.0	-40.8	-38.4	-40.9	81.8	13.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	1/15/2020 11:54	4.0	3.2	19.4	73.4	-23.1	-13.5	-23.0	50.9	16.1	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	1/15/2020 11:58	0.6	0.3	20.9	78.2	-8.3	-8.3	-13.3	52.2	7.9	Valve Adjustment:"Valve at minimum position,NSPS/CAL exempt ";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	1/24/2020 10:45	48.8	44.5	0.2	6.5	-4.9	-4.5	-28.0	64.5	0.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW18	1/15/2020 11:36	57.0	40.6	0.2	2.2	-31.7	-31.6	-33.4	50.0	11.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW18	1/24/2020 10:32	56.5	43.5	0.0	0.0	-26.0	-25.9	-28.0	59.3	21.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1G	1/9/2020 9:39	57.9	42.1	0.0	0.0	-36.4	-36.8	-36.8	63.5	11.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW1G	1/9/2020 9:40	57.7	42.3	0.0	0.0	-36.4	-36.4	-36.8	63.3	14.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW1G	1/17/2020 12:51	53.9	46.1	0.0	0.0	-41.4	-42.0	-41.6	69.9	11.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1I	1/9/2020 9:44	57.5	42.5	0.0	0.0	-36.7	-36.9	-36.8	53.4	5.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1I	1/17/2020 12:48	53.5	46.5	0.0	0.0	-42.4	-42.4	-42.0	66.2	6.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1J	1/9/2020 9:47	56.2	42.9	0.0	0.9	-27.3	-29.4	-37.1	75.4	43.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW1J	1/9/2020 9:48	56.1	43.2	0.0	0.7	-29.4	-29.6	-37.1	75.6	46.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW1J	1/17/2020 12:45	52.5	47.5	0.0	0.0	-37.4	-38.4	-41.9	79.5	41.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW1J	1/17/2020 12:47	52.5	47.5	0.0	0.0	-38.4	-38.4	-41.7	80.2	40.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEWW1K	1/7/2020 12:53	56.4	41.8	0.2	1.6	-42.1	-42.1	-42.5	64.4	8.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1K	1/17/2020 12:43	53.5	46.5	0.0	0.0	-44.0	-44.5	-44.3	69.0	11.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1S	1/15/2020 11:45	56.1	37.8	0.8	5.3	-33.2	-33.2	-33.0	64.2	22.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1S	1/24/2020 10:39	55.9	44.1	0.0	0.0	-27.1	-24.3	-27.6	66.4	10.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW26	1/15/2020 11:39	47.7	37.1	3.9	11.3	-34.0	-33.9	-33.7	48.7	16.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEWW26	1/24/2020 10:35	58.3	41.7	0.0	0.0	-28.4	-28.5	-28.5	63.5	15.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	1/15/2020 12:27	52.3	47.7	0.0	0.0	-32.8	-33.4	-31.5	63.5	0.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	1/24/2020 13:18	53.5	46.5	0.0	0.0	-35.9	-33.7	-34.6	63.7	0.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	1/15/2020 12:28	52.7	47.3	0.0	0.0	-32.4	-32.4	-35.0	62.6	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	1/24/2020 13:20	52.2	47.8	0.0	0.0	-34.8	-34.4	-37.0	62.8	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	1/15/2020 12:32	52.0	47.8	0.2	0.0	-25.7	-26.2	-35.1	60.5	9.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	1/24/2020 13:23	51.7	47.9	0.4	0.0	-30.5	-30.8	-37.0	60.3	9.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMNEW1D	1/9/2020 9:27	58.2	39.6	0.1	2.1	-35.8	-36.0	-36.5	57.2	2.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMNEW1D	1/17/2020 12:59	53.3	46.7	0.0	0.0	-41.4	-41.0	-41.4	66.8	1.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMPEW30	1/15/2020 9:03	56.7	39.8	0.0	3.5	-31.9	-31.9	-34.1	51.7		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW30	1/23/2020 11:15	55.3	41.5	0.4	2.8	-23.8	-23.8	-25.9	51.8		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW31	1/9/2020 9:31	57.2	42.8	0.0	0.0	-39.1	-38.8	-39.2	74.5	6.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW31	1/17/2020 12:56	53.3	46.7	0.0	0.0	-44.0	-44.0	-43.7	75.5	4.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW32	1/7/2020 9:44	57.5	41.9	0.0	0.6	-37.8	-38.0	-38.5	68.5	10.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW32	1/17/2020 11:11	55.3	44.7	0.0	0.0	-43.4	-43.4	-43.6	70.7	19.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW33	1/7/2020 9:40	42.7	38.6	0.0	18.7	-14.5	-14.2	-38.1	88.3	21.1	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMPEW33	1/7/2020 9:41	42.4	38.4	0.0	19.2	-13.6	-13.6	-39.5	88.0	19.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMPEW33	1/17/2020 11:15	43.2	41.9	0.0	14.9	-15.0	-13.4	-44.4	88.0	21.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMPEW33	1/17/2020 11:16	43.1	41.3	0.0	15.6	-12.3	-11.8	-43.6	87.1	15.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMPEW35	1/7/2020 11:47	55.7	41.4	0.4	2.5	-42.1	-42.0	-42.7	126.0	42.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW35	1/17/2020 12:22	54.3	45.7	0.0	0.0	-42.7	-43.0	-43.1	127.0	40.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW36	1/7/2020 11:51	58.2	41.8	0.0	0.0	-43.2	-43.3	-43.8	72.1	4.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW36	1/17/2020 12:24	53.4	46.6	0.0	0.0	-44.4	-44.0	-44.0	68.5	8.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW42	1/7/2020 12:35	56.3	38.9	0.1	4.7	-41.7	-41.7	-42.0	59.7	12.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW42	1/17/2020 11:46	54.3	45.7	0.0	0.0	-43.7	-43.7	-43.7	59.6	11.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW44	1/15/2020 11:49	57.5	42.1	0.0	0.4	-32.5	-32.5	-32.5	58.6	14.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW44	1/24/2020 10:41	55.2	44.8	0.0	0.0	-27.7	-27.8	-27.4	70.1	23.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	1/7/2020 12:41	58.1	39.3	0.3	2.3	-40.8	-40.7	-41.3	70.3	7.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	1/17/2020 11:50	55.3	44.7	0.0	0.0	-43.0	-43.0	-43.0	63.5	15.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW50	1/7/2020 12:28	56.6	40.1	0.3	3.0	-34.8	-34.4	-37.3	93.0	58.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW50	1/17/2020 11:56	54.9	45.1	0.0	0.0	-40.9	-39.9	-41.3	93.4	84.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXPEW30A	1/7/2020 11:42	58.2	40.5	0.0	1.3	-42.1	-42.1	-42.5	63.0	13.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXPEW30A	1/17/2020 12:18	54.5	45.4	0.1	0.0	-44.0	-44.0	-44.0	60.3	6.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Bold Italics = HOV approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions recorded by GEM.

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. wc. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

≤15% Oxygen HOV Condition Application Number 10164 part 18(b)(i)

OXMPEW17 and OXMPEW06

≤15% Oxygen LTCO Condition Application Number 10164 part 18(d)(i)

OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS13, OMTLTS14, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, and OMTLTS20.

**OX MOUNTAIN LANDFILL**

Wellfield Monitoring Report - February 5, 6, 7, 10, 12, 13, 19, 21, 24, 25, and 27, 2020

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMLEW101	2/6/2020 13:28	50.9	44.8	0.9	3.4	-4.4	-4.4	-38.7	74.3	15.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLEW101	2/27/2020 11:14	50.9	42.4	0.2	6.5	-2.7	-2.7	-37.3	74.7	11.4	Valve Adjustment:"No Change,Valve 10% open";Well Condition:"";Well Repairs:""
OMLEW104	2/13/2020 11:09	50.4	39.3	0.0	10.3	-28.0	-28.0	-33.9	81.9	44.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLEW104	2/25/2020 12:33	49.1	39.0	0.0	11.9	-33.0	-33.1	-39.8	83.2	34.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMLEW107	2/13/2020 11:11	54.5	40.7	0.0	4.8	-33.4	-33.1	-34.2	59.9	17.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OMLEW107	2/25/2020 12:35	53.4	39.9	1.2	5.5	-39.3	-39.1	-39.1	67.7	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OMLFEW59	2/6/2020 11:05	52.8	45.5	0.0	1.7	-2.1	-2.5	-34.6	114.6	45.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW59	2/27/2020 10:49	47.7	38.8	0.0	13.5	-3.0	-3.0	-36.5	114.8	54.0	Valve Adjustment:"No Change,Valve 40% open";Well Condition:"";Well Repairs:""
OMLFEW72	2/13/2020 11:20	50.4	40.0	0.0	9.6	-0.7	-0.7	-33.6	51.8		Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMLFEW72	2/25/2020 12:29	51.6	39.2	0.1	9.1	-0.8	-1.0	-39.0	77.6		Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMLFEW99	2/6/2020 10:39	47.7	41.0	0.0	11.3	-0.3	-0.3	-43.5	78.7	7.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMLFEW99	2/27/2020 9:58	44.7	37.3	0.0	18.0	-0.3	-0.3	-38.8	79.0	6.9	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS01	2/12/2020 16:08	19.4	20.6	7.8	52.2	-1.0	-1.0	-34.6	72.5	17.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS01	2/12/2020 16:12	17.8	19.2	9.0	54.0	-0.7	-0.8	-34.8	71.9	10.2	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS01	2/25/2020 12:19	21.2	19.8	9.4	49.6	-0.7	-0.8	-37.6	74.3	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS02	2/12/2020 16:15	19.0	21.3	5.9	53.8	-0.7	-0.7	-35.9	78.3	9.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS02	2/12/2020 16:17	17.4	21.5	6.6	54.5	-0.6	-0.6	-35.9	77.3	11.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS02	2/25/2020 12:05	26.8	25.0	6.2	42.0	-0.6	-0.7	-37.6	79.2	7.1	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS03	2/12/2020 16:20	21.4	24.5	2.4	51.7	-0.7	-0.7	-35.6	71.2	9.1	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS03	2/25/2020 12:02	17.8	24.8	3.1	54.3	-0.7	-1.2	-38.3	74.0	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS04	2/12/2020 16:24	7.7	23.5	0.4	68.4	-0.4	-0.4	-36.5	77.1	5.4	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS04	2/27/2020 10:07	12.9	25.5	0.1	61.5	-0.4	-0.4	-36.5	80.5	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS05	2/12/2020 16:28	25.5	27.6	2.5	44.4	-0.4	-0.4	-30.0	83.4	41.4	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS05	2/21/2020 14:38	15.6	25.8	0.9	57.7	-0.5	-0.5	-30.5	77.0	17.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMTLTS05	2/27/2020 10:11	24.4	28.0	0.8	46.8	-0.4	-0.5	-28.8	83.7	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS06	2/12/2020 16:35	5.9	5.4	17.4	71.3	-0.4	-0.3	-28.9	83.7	5.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS06	2/12/2020 16:38	10.1	8.0	14.5	67.4	-1.1	-1.1	-27.0	95.4	45.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS06	2/21/2020 14:33	14.1	22.2	6.6	57.1	-0.9	-3.6	-25.2	98.4	28.8	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS06	2/21/2020 14:35	14.9	21.8	5.7	57.6	-5.4	-0.7	-21.4	99.3	121.4	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS06	2/27/2020 10:14	12.9	14.2	12.8	60.1	-0.4	-0.3	-27.0	87.4	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMTLTS07	2/12/2020 17:00	41.8	37.2	1.4	19.6	-0.6	-0.6	-26.9	84.2	2.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS07	2/21/2020 14:31	41.7	35.5	2.0	20.8	-0.6	-0.6	-27.1	82.9	16.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMTLTS07	2/27/2020 10:35	26.4	30.3	3.0	40.3	-0.7	-0.6	-35.3	85.9	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS08	2/12/2020 10:47	25.8	22.1	7.1	45.0	-0.7	-0.6	-26.9	92.2	11.7	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS08	2/12/2020 10:49	25.9	23.0	7.1	44.0	-0.6	-0.6	-31.1	91.4	10.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS08	2/21/2020 14:23	25.2	25.0	7.8	42.0	-0.6	-3.2	-27.6	96.8	13.8	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OMTLTS08	2/21/2020 14:25	32.1	27.7	4.8	35.4	-3.9	-1.0	-16.1	101.5	92.0	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OMTLTS08	2/27/2020 10:38	25.4	24.6	7.0	43.0	-0.6	-0.6	-30.3	94.4	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS09	2/12/2020 10:52	18.4	25.2	1.4	55.0	-0.7	-0.7	-29.1	78.7	6.6	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS09	2/21/2020 14:27	9.2	25.0	2.3	63.5	-0.7	-0.7	-25.8	79.9	10.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OMTLTS09	2/25/2020 9:23	10.6	24.1	1.7	63.6	-0.8	-0.8	-29.8	77.5	4.7	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS10	2/12/2020 10:55	5.6	9.4	14.6	70.4	-0.7	-0.7	-31.0	75.3	2.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS10	2/12/2020 10:56	13.6	16.5	6.4	63.5	-0.9	-0.9	-29.4	79.2	10.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS10	2/25/2020 9:26	13.3	19.1	8.0	59.6	-0.9	-0.8	-33.5	96.8	21.2	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS11	2/12/2020 11:05	6.5	12.0	12.8	68.7	-0.9	-0.9	-30.8	75.6	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS11	2/12/2020 11:06	12.2	20.9	1.6	65.3	-0.9	-0.9	-33.0	70.5	7.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OMTLTS11	2/25/2020 9:42	2.9	7.1	18.2	71.8	-0.9	-0.9	-44.0	73.7	39.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS11	2/25/2020 9:43	0.8	3.3	18.3	77.6	-0.9	-0.9	-42.6	73.2	26.8	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS12	2/12/2020 11:15	1.7	5.6	16.9	75.8	-1.0	-1.0	-33.5	93.8	6.0	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS12	2/12/2020 11:16	1.3	4.7	17.6	76.4	-1.0	-1.0	-28.0	87.5	6.0	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS12	2/19/2020 12:27	18.8	18.6	9.6	53.0	-0.4	-0.4	-25.8	81.2	4.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMTLTS12	2/25/2020 10:00	0.3	0.8	20.2	78.7	-0.9	-0.8	-22.6	80.3	17.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS12	2/25/2020 10:01	0.3	0.9	20.3	78.5	-0.8	-0.8	-24.5	83.4	8.5	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS15	2/12/2020 11:43	19.3	24.9	5.6	50.2	-1.1	-1.1	-37.5	89.9	17.1	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS15	2/12/2020 11:45	17.4	23.9	6.0	52.7	-1.3	-1.3	-37.5	90.6	8.5	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS15	2/25/2020 10:51	12.8	16.2	9.2	61.8	-0.9	-0.9	-39.3	85.0	19.9	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS16	2/12/2020 11:53	2.2	16.5	5.6	75.7	-1.8	-1.8	-37.8	84.4	15.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS16	2/12/2020 11:53	1.9	16.7	6.0	75.4	-1.4	-1.4	-34.8	80.8	11.4	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS16	2/25/2020 10:55	12.3	18.7	5.5	63.5	-0.9	-0.9	-39.8	86.4	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS17	2/12/2020 12:11	4.1	20.9	1.4	73.6	-1.2	-1.2	-34.8	93.0	8.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS17	2/25/2020 10:59	21.4	23.7	2.6	52.3	-0.9	-1.0	-38.7	83.3	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMTLTS18	2/12/2020 12:15	46.2	38.7	1.0	14.1	-2.8	-2.8	-33.6	70.8	48.8	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS18	2/25/2020 11:01	48.0	38.9	1.9	11.2	-2.5	-2.5	-37.5	74.5	44.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMTLTS19	2/12/2020 12:20	35.6	28.6	7.4	28.4	-1.6	-1.2	-34.3	71.2	48.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS19	2/12/2020 12:21	35.8	29.1	7.1	28.0	-1.1	-1.1	-36.2	70.5	13.1	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS19	2/25/2020 11:04	42.4	35.1	5.3	17.2	-0.6	-0.6	-38.6	71.2	10.6	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMTLTS20	2/12/2020 12:25	42.6	33.1	2.7	21.6	-1.4	-1.0	-36.4	74.3	39.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS20	2/25/2020 11:06	52.4	39.8	0.6	7.2	-0.6	-1.1	-39.8	72.3	26.1	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW133B	2/12/2020 15:56	50.2	38.3	0.3	11.2	-7.4	-8.2	-26.5	74.7	32.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW133B	2/21/2020 14:15	48.7	39.8	1.4	10.1	-5.0	-4.3	-34.6	74.5	98.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW133B	2/25/2020 11:55	42.8	38.7	2.4	16.1	-4.7	-4.7	-29.7	74.7	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW134A	2/12/2020 15:50	48.2	37.1	0.0	14.7	-12.8	-11.5	-36.3	75.3	13.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW134A	2/25/2020 11:57	43.9	37.7	0.0	18.4	-10.6	-6.0	-38.1	78.5	34.5	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW134B	2/5/2020 10:08	0.2	0.6	21.0	78.2	-38.4	-38.5	-38.9	63.9	86.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW134B	2/5/2020 10:09	0.2	0.5	20.6	78.7	-38.6	-38.7	-38.2	63.7	89.3	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXEW134B	2/12/2020 15:52	22.6	21.6	8.4	47.4	-36.0	-35.4	-36.0	74.3	118.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW134B	2/12/2020 15:53	22.1	21.2	8.4	48.3	-35.7	-36.0	-36.1	74.7	90.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW134B	2/25/2020 11:59	49.6	43.8	0.2	6.4	-38.8	-38.7	-38.9	75.2	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW137B	2/12/2020 16:51	54.8	34.7	1.0	9.5	-33.9	-33.2	-34.6	71.3	85.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW137B	2/27/2020 10:18	52.4	39.5	1.3	6.8	-32.7	-32.0	-32.7	73.7	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW140B	2/12/2020 16:57	52.9	37.9	0.3	8.9	-33.1	-32.7	-32.5	72.3	7.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW140B	2/27/2020 10:31	54.0	45.9	0.0	0.1	-33.0	-37.0	-35.5	75.8	4.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1601	2/10/2020 14:28	53.5	40.2	0.1	6.2	-20.9	-21.7	-27.7	123.2	112.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1601	2/24/2020 7:17	51.6	38.4	0.3	9.7	-22.2	-22.6	-26.7	124.7	111.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1602	2/10/2020 14:12	52.7	39.8	0.0	7.5	-28.4	-29.0	-32.5	124.5	74.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1602	2/24/2020 10:26	52.4	36.9	0.2	10.5	-30.3	-31.0	-33.7	124.3	81.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1602	2/24/2020 10:27	52.5	37.0	0.2	10.3	-31.0	-31.0	-33.7	124.5	87.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1603	2/10/2020 14:37	59.0	41.0	0.0	0.0	-25.6	-25.8	-29.2	123.4	97.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1603	2/27/2020 14:43	60.4	39.6	0.0	0.0	-23.2	-23.2	-25.7	123.6	97.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1604	2/10/2020 14:09	44.4	38.7	0.1	16.8	-9.1	-6.6	-31.4	129.1	47.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1604	2/24/2020 10:14	59.0	39.3	0.1	1.6	-3.4	-7.3	-29.2	127.9	29.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1604	2/24/2020 10:14	58.8	39.8	0.1	1.3	-7.8	-7.8	-30.7	129.0	56.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1611	2/13/2020 13:01	61.7	38.3	0.0	0.0	-13.6	-13.4	-14.1	59.2	14.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1611	2/21/2020 12:02	61.9	33.1	0.3	4.7	-39.1	-39.1	-39.0	69.6	5.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1611	2/24/2020 8:20	61.5	38.5	0.0	0.0	-33.4	-33.4	-33.7	61.3	4.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1612	2/10/2020 13:40	46.5	40.0	0.0	13.5	-10.0	-9.3	-33.1	121.5	31.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1612	2/24/2020 10:37	49.2	36.6	0.2	14.0	-8.6	-8.4	-34.4	121.1	26.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1613	2/10/2020 14:06	50.2	39.3	0.0	10.5	-26.3	-26.3	-30.3	125.6	68.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1613	2/24/2020 10:04	54.8	37.8	0.2	7.2	-27.7	-28.3	-31.4	125.6	72.1	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1613	2/24/2020 10:04	54.6	37.9	0.1	7.4	-28.3	-28.3	-31.4	125.6	76.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1614	2/10/2020 14:04	49.2	39.9	0.3	10.6	-5.3	-5.3	-33.8	122.4	55.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1614	2/24/2020 9:54	48.6	37.4	0.3	13.7	-5.4	-5.1	-35.4	122.9	64.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1616	2/10/2020 12:49	55.6	43.5	0.0	0.9	-15.7	-15.7	-15.6	114.3	35.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1616	2/21/2020 12:18	54.2	40.7	0.4	4.7	-12.6	-18.8	-39.8	114.1	34.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1616	2/21/2020 12:19	54.4	40.8	0.4	4.4	-23.2	-23.2	-40.0	115.2	60.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1616	2/24/2020 9:32	50.0	37.7	0.4	11.9	-26.0	-26.0	-34.9	113.9	47.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1617	2/10/2020 11:27	55.0	45.0	0.0	0.0	-1.0	-0.8	-15.1	125.3	43.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"Valve needs replacement";Well Repairs:""
OXEW1617	2/21/2020 12:56	56.2	40.5	0.0	3.3	-0.6	-0.6	-38.2	128.7	24.1	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1617	2/21/2020 12:57	57.1	42.9	0.0	0.0	-0.6	-0.6	-38.1	128.7	23.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1617	2/24/2020 9:56	54.6	41.9	0.0	3.5	-4.1	-4.0	-35.5	127.8	19.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1618	2/10/2020 14:00	43.4	37.6	0.4	18.6	-4.7	-2.4	-32.5	135.2	42.8	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1618	2/10/2020 14:01	50.5	37.0	0.1	12.4	-2.0	-2.0	-32.8	129.7	36.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1618	2/24/2020 10:09	61.3	38.3	0.0	0.4	0.6	-4.8	-34.7	125.8	0.0	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1618	2/24/2020 10:10	61.1	38.9	0.0	0.0	-5.4	-5.9	-36.1	129.4	89.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1619	2/12/2020 12:59	55.5	44.5	0.0	0.0	-19.7	-19.5	-20.3	125.3	17.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1619	2/25/2020 11:37	54.4	45.5	0.1	0.0	-22.3	-26.6	-39.5	125.0	22.1	Valve Adjustment:"Opened valve 1/2 turn to 1 turn,Valve 50% open";Well Condition:"";Well Repairs:""
OXEW1620	2/12/2020 12:55	48.2	36.3	0.2	15.3	-7.0	-7.0	-19.7	107.0	8.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1620	2/21/2020 14:04	51.9	42.0	0.2	5.9	-9.1	-12.1	-37.9	109.2	9.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1620	2/21/2020 14:05	52.2	41.0	0.1	6.7	-13.8	-13.8	-37.1	110.7	16.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1620	2/25/2020 11:31	40.8	37.7	0.2	21.3	-26.1	-20.1	-39.5	112.5	15.8	Valve Adjustment:"Closed valve 1/2 turn to 1 turn,Valve 30% open";Well Condition:"";Well Repairs:""
OXEW1621	2/7/2020 14:17	45.2	41.3	0.0	13.5	-0.9	-0.9	-18.8	112.7	10.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1621	2/21/2020 13:31	44.6	41.4	0.1	13.9	-0.9	-0.8	-37.7	113.9	17.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1621	2/24/2020 7:47	41.8	40.5	0.0	17.7	-1.7	-1.7	-34.5	112.3	14.6	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1622	2/12/2020 13:04	47.8	40.3	1.7	10.2	-19.3	-18.3	-19.1	121.8	11.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1622	2/25/2020 11:40	49.9	41.6	1.4	7.1	-13.6	-13.6	-38.5	121.1	22.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1623	2/5/2020 9:18	0.2	0.4	21.1	78.3	-32.5	-16.7	-32.9	61.4	1.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1623	2/5/2020 9:20	0.4	0.5	20.9	78.2	-16.1	-17.1	-33.2	61.2	5.7	Valve Adjustment:"NSPS/CAI,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1623	2/13/2020 12:24	2.1	0.9	21.8	75.2	-21.1	-21.4	-29.5	50.0	0.0	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1623	2/13/2020 12:29	0.0	0.0	22.7	77.3	-0.1	-0.1	-29.8	49.7	1.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1623	2/13/2020 12:30	1.2	0.2	22.2	76.4	-6.0	-6.0	-30.0	50.2	0.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1623	2/27/2020 11:52	1.3	2.6	20.8	75.3	-21.7	-21.6	-33.6	72.2	1.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1623	2/27/2020 11:53	0.7	1.2	20.5	77.6	-23.0	-23.0	-34.2	72.5	1.1	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1624	2/13/2020 12:55	56.7	35.3	2.0	6.0	-13.0	-13.0	-13.6	49.9	0.2	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1624	2/21/2020 9:26	57.6	33.8	1.5	7.1	-34.8	-35.8	-36.0	59.5	0.5	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1624	2/21/2020 9:28	60.5	34.6	0.8	4.1	-35.4	-35.4	-35.4	60.6	0.8	Valve Adjustment:"Valve 100% open,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1624	2/21/2020 9:29	61.4	35.3	0.7	2.6	-35.5	-35.7	-35.4	60.8	0.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1624	2/24/2020 8:25	61.8	37.7	0.5	0.0	-33.0	-32.7	-33.1	55.8	0.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1625	2/13/2020 10:47	49.3	30.3	4.8	15.6	-21.7	-20.6	-34.2	65.7	51.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1625	2/27/2020 11:17	14.9	11.8	15.7	57.6	-17.3	-12.3	-35.0	84.2	11.8	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1625	2/27/2020 11:18	5.0	5.4	19.2	70.4	-12.3	-15.3	-39.1	86.3	12.3	Valve Adjustment:"NSPS,No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1626	2/13/2020 10:57	3.1	2.5	21.6	72.8	-33.4	-33.4	-34.2	51.4	1.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1626	2/13/2020 10:58	3.2	2.3	21.5	73.0	-33.4	-33.3	-34.2	51.5	0.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1626	2/19/2020 13:04	42.4	25.6	6.9	25.1	-11.1	-11.7	-11.4	69.0	2.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less,Valve 10% open";Well Condition:"";Well Repairs:""
OXEW1626	2/19/2020 13:05	43.2	26.3	6.7	23.8	-11.8	-11.2	-11.5	69.1	3.5	Valve Adjustment:"NSPS,Valve 10% open";Well Condition:"";Well Repairs:""
OXEW1701	2/10/2020 12:03	57.4	42.6	0.0	0.0	-30.6	-31.4	-31.4	114.4	24.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1701	2/24/2020 9:32	59.3	40.5	0.0	0.2	-32.4	-32.5	-34.0	114.5	27.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	2/10/2020 12:27	57.2	40.9	0.0	1.9	-28.5	-28.5	-32.4	117.9	47.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	2/24/2020 8:50	61.1	38.6	0.0	0.3	-28.3	-28.3	-32.7	117.9	46.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	2/10/2020 12:20	55.2	42.5	0.0	2.3	-29.3	-30.4	-32.9	126.8	39.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	2/24/2020 8:43	60.6	39.3	0.0	0.1	-29.1	-28.7	-31.9	126.7	57.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	2/10/2020 14:56	57.6	37.3	0.2	4.9	-32.0	-31.7	-34.5	114.2	33.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	2/24/2020 8:15	60.8	39.2	0.0	0.0	-30.4	-30.7	-32.3	113.5	33.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1709	2/13/2020 12:34	64.2	33.4	0.3	2.1	0.4	-14.3	-31.9	51.7	0.8	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1709	2/13/2020 12:36	60.0	34.4	1.5	4.1	-26.3	-25.9	-31.5	52.6	1.0	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1709	2/13/2020 12:40	59.9	32.9	1.4	5.8	-29.7	-30.3	-30.9	52.3	0.6	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1709	2/27/2020 11:50	57.5	39.0	0.8	2.7	-34.7	-34.7	-34.9	80.2	0.7	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1710	2/13/2020 12:13	57.9	41.8	0.0	0.3	-30.4	-30.7	-30.5	52.2	6.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1710	2/27/2020 11:59	53.7	42.1	0.2	4.0	-16.3	-17.0	-15.9	74.5	6.8	Valve Adjustment:"No Change,Valve 60% open";Well Condition:"";Well Repairs:""
OXEW1711A	2/13/2020 10:34	60.3	36.7	0.6	2.4	-33.4	-33.5	-34.6	52.6	1.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1711A	2/27/2020 11:10	57.9	36.1	0.2	5.8	-38.5	-38.7	-38.6	78.4	1.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1712A	2/13/2020 10:36	61.7	37.9	0.0	0.4	-33.7	-33.9	-34.2	63.3	4.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1712A	2/27/2020 11:12	61.5	36.6	1.9	0.0	-38.8	-39.2	-38.7	70.2	13.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1713	2/13/2020 10:51	62.1	37.1	0.3	0.5	-31.0	-30.6	-33.9	61.0	3.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1713	2/27/2020 11:11	62.3	37.2	0.3	0.2	-38.7	-38.8	-38.6	79.7	11.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1714	2/13/2020 10:30	53.5	30.8	2.8	12.9	-33.4	-33.5	-34.2	57.1	6.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1714	2/27/2020 11:07	37.2	22.9	3.3	36.6	-37.9	-37.7	-39.0	74.8	15.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1715	2/6/2020 12:49	46.3	42.3	0.0	11.4	-0.9	-0.9	-43.7	95.8	7.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1715	2/27/2020 10:22	50.6	42.2	0.0	7.2	-2.1	-2.2	-40.1	97.9	6.9	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1716	2/6/2020 12:11	55.4	44.6	0.0	0.0	-36.4	-36.2	-39.1	80.4	2.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1716	2/27/2020 11:02	48.3	37.7	0.1	13.9	-33.6	-33.5	-38.2	75.7	4.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1717	2/13/2020 10:05	55.3	41.4	0.7	2.6	-31.3	-31.4	-32.5	108.7	8.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1717	2/27/2020 10:13	53.8	39.9	0.4	5.9	-35.0	-35.0	-35.8	109.8	14.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1801	2/10/2020 12:58	52.5	43.4	0.0	4.1	-30.4	-30.8	-33.0	124.1	33.3	Valve Adjustment:"Valve 100% open,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1801	2/24/2020 9:50	54.6	37.6	0.0	7.8	-32.7	-32.6	-34.5	123.6	37.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1801	2/24/2020 9:51	54.5	37.7	0.1	7.7	-32.3	-32.7	-34.9	123.6	36.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1802	2/10/2020 14:46	13.3	9.0	16.2	61.5	-28.4	-11.5	-30.6	111.9	15.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1802	2/10/2020 14:48	58.0	36.0	0.2	5.8	-11.0	-28.4	-31.1	109.2	10.4	Valve Adjustment:"Valve 100% open,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1802	2/24/2020 8:07	60.8	39.2	0.0	0.0	-30.2	-30.0	-30.0	105.6	27.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1803	2/10/2020 14:41	59.0	41.0	0.0	0.0	-29.6	-29.7	-29.6	80.6	1.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1803	2/24/2020 7:52	60.6	39.4	0.0	0.0	-28.9	-29.0	-29.2	52.0	4.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	2/10/2020 13:56	57.9	42.0	0.0	0.1	-30.4	-30.4	-33.1	123.0	41.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	2/24/2020 10:19	59.9	39.8	0.0	0.3	-32.0	-32.3	-34.7	122.4	40.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1805	2/10/2020 13:52	50.9	38.8	0.3	10.0	-22.5	-22.3	-34.4	74.5	42.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1805	2/24/2020 10:22	51.1	37.8	0.2	10.9	-23.2	-23.2	-36.0	125.6	85.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1806	2/7/2020 15:04	46.9	41.4	0.0	11.7	-0.8	-0.6	-42.6	121.6	20.8	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1806	2/24/2020 8:22	51.3	41.1	0.0	7.6	-0.5	-0.5	-33.9	122.3	14.5	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 20% open";Well Condition:"";Well Repairs:""
OXEW1807	2/10/2020 12:38	57.5	41.8	0.0	0.7	-5.7	-5.7	-16.1	126.2	69.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1807	2/21/2020 12:29	56.8	40.6	0.0	2.6	-10.4	-13.8	-45.7	119.3	90.3	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1807	2/21/2020 12:30	56.8	40.9	0.0	2.3	-14.2	-14.3	-42.9	124.2	114.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1807	2/24/2020 9:23	54.5	36.4	0.0	9.1	-15.5	-16.6	-37.4	125.6	98.4	Valve Adjustment:"Valve 100% open,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1807	2/24/2020 9:24	54.7	36.9	0.0	8.4	-16.8	-16.8	-36.4	125.6	108.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1808	2/10/2020 15:08	57.5	42.5	0.0	0.0	-0.4	-0.3	-1.4	111.2	22.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1808	2/24/2020 8:36	60.2	39.0	0.0	0.8	-0.3	-0.3	-1.4	110.5	60.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1809	2/10/2020 14:24	59.2	39.7	0.1	1.0	-19.0	-18.9	-31.7	117.6	68.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1809	2/24/2020 7:10	58.5	38.3	0.1	3.1	-18.2	-18.9	-32.4	117.7	71.6	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1809	2/24/2020 7:15	58.6	40.3	0.0	1.1	-19.0	-19.0	-31.7	117.7	74.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1810	2/6/2020 11:15	40.4	33.5	0.1	26.0	-39.4	-39.6	-39.7	67.8	4.6	Valve Adjustment:"No change";Well Comment:"open to help probe";Well Condition:"";Well Repairs:""
OXEW1810	2/27/2020 11:40	40.8	31.0	0.4	27.8	-38.4	-38.4	-38.1	77.9	2.7	Valve Adjustment:"No Change,Valve 50% open";Well Condition:"";Well Repairs:""
OXEW1811	2/7/2020 13:25	53.4	39.3	0.8	6.5	-28.7	-28.7	-35.5	93.6	33.2	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1811	2/24/2020 10:22	52.8	39.1	1.1	7.0	-29.4	-29.4	-35.0	71.8	32.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1812	2/7/2020 14:56	48.5	34.9	1.5	15.1	-10.1	-10.0	-38.7	121.0	23.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1812	2/24/2020 8:12	54.4	38.7	0.7	6.2	-6.7	-9.0	-35.6	121.3	20.8	Valve Adjustment:"Opened valve 1/2 turn to 1 turn,Valve 35% open";Well Condition:"";Well Repairs:""
OXEW1813	2/10/2020 12:45	57.2	42.7	0.1	0.0	-15.1	-15.4	-15.6	119.1	17.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1813	2/21/2020 12:23	52.3	40.7	0.1	6.9	-36.4	-36.4	-38.9	119.7	33.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1813	2/24/2020 9:37	49.8	37.6	0.0	12.6	-32.6	-32.6	-34.4	119.1	30.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1815	2/7/2020 15:24	51.7	39.0	0.0	9.3	-14.3	-14.3	-43.8	125.8	41.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1815	2/24/2020 8:37	47.0	38.4	0.0	14.6	-15.0	-11.9	-36.7	125.3	33.6	Valve Adjustment:"Closed valve 1/2 turn to 1 turn,Valve 30% open";Well Condition:"";Well Repairs:""
OXEW1816	2/10/2020 15:15	57.1	41.6	0.0	1.3	-17.7	-17.7	-36.7	111.5	104.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1816	2/24/2020 8:53	59.3	40.2	0.0	0.5	-16.7	-16.8	-34.9	111.2	102.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1817	2/13/2020 12:47	58.0	42.0	0.0	0.0	0.4	0.4	-1.5	99.4	28.3	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1817	2/13/2020 12:49	57.3	42.7	0.0	0.0	0.4	0.4	-1.5	99.4	25.5	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1817	2/27/2020 11:47	57.1	42.3	0.0	0.6	0.6	0.6	-0.9	78.0	30.8	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1817	2/27/2020 11:49	57.0	43.0	0.0	0.0	0.5	0.6	-0.9	77.4	25.8	Valve Adjustment:"NSPS,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1818	2/13/2020 15:45	60.6	39.1	0.0	0.3	-15.0	-15.0	-33.6	98.9	59.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1818	2/27/2020 11:44	55.6	39.4	0.0	5.0	-14.3	-14.2	-39.8	100.8	67.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1819	2/13/2020 15:38	51.7	31.9	1.9	14.5	-15.3	-17.0	-35.8	98.6	79.3	Valve Adjustment:"Valve 100% open,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1819	2/27/2020 11:39	51.3	38.3	2.9	7.5	-18.9	-19.3	-40.5	99.0	95.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1820	2/13/2020 15:31	61.2	36.1	0.1	2.6	-32.1	-32.0	-32.9	103.4	14.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1820	2/27/2020 11:37	58.5	36.1	0.0	5.4	-37.9	-38.3	-38.5	106.1	18.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1821	2/6/2020 11:37	39.8	25.3	0.0	34.9	-0.1	-3.8	-40.3	71.8	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1821	2/27/2020 11:55	19.7	22.1	0.0	58.2	-5.9	-5.9	-28.4	73.0	1.8	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1822	2/6/2020 11:43	17.6	21.9	0.2	60.3	-32.9	-33.0	-39.7	68.3	1.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1822	2/27/2020 11:52	14.4	21.6	0.0	64.0	-32.9	-32.9	-36.9	75.0	0.9	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1823	2/6/2020 11:46	17.1	24.7	0.0	58.2	-20.4	-19.3	-39.3	67.7	1.8	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1823	2/27/2020 11:47	10.8	21.9	0.3	67.0	-11.0	-11.0	-37.3	74.1	1.9	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1824	2/6/2020 12:03	51.2	29.5	2.7	16.6	-39.0	-38.8	-39.5	70.2	2.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1824	2/27/2020 11:36	50.7	28.9	2.8	17.6	-38.3	-38.3	-38.0	73.9	7.7	Valve Adjustment:"No Change,Valve 90% open";Well Condition:"";Well Repairs:""
OXEW1825	2/6/2020 11:12	44.3	36.8	0.5	18.4	-38.4	-38.4	-38.7	67.7	9.0	Valve Adjustment:"No change";Well Comment:"open to help probe";Well Condition:"";Well Repairs:""
OXEW1825	2/27/2020 11:08	34.5	32.8	0.2	32.5	-38.3	-38.3	-39.0	70.2	9.5	Valve Adjustment:"No Change,Valve 50% open";Well Condition:"";Well Repairs:""
OXEW1826	2/13/2020 11:35	47.2	37.4	2.1	13.3	-5.0	-5.0	-33.6	55.0	1.0	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1826	2/24/2020 7:30	41.9	30.8	4.0	23.3	-5.3	-5.0	-34.7	53.6	1.0	Valve Adjustment:"No Change,Valve 5% open";Well Condition:"";Well Repairs:""
OXEW1901	2/12/2020 12:46	55.4	43.5	0.0	1.1	-18.0	-17.5	-17.3	77.9	3.4	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1901	2/21/2020 13:55	29.7	25.5	10.0	34.8	6.1	-21.9	-38.6	73.2	0.8	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1901	2/21/2020 13:56	54.5	41.4	1.0	3.1	-38.1	-38.7	-39.6	72.1	1.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1901	2/21/2020 13:57	56.2	43.4	0.4	0.0	-38.7	-39.1	-39.2	73.0	3.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1901	2/25/2020 11:24	55.6	41.6	0.1	2.7	-39.3	-39.3	-39.1	80.3	3.7	Valve Adjustment:"No Change,Valve 55% open";Well Condition:"";Well Repairs:""
OXEW1902	2/10/2020 12:12	29.4	32.6	0.0	38.0	-10.7	-8.7	-34.4	83.1	35.7	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1902	2/24/2020 8:47	36.3	35.3	0.0	28.4	-6.1	-6.0	-33.4	67.1	22.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1904	2/10/2020 12:23	53.0	42.9	0.0	4.1	-16.1	-16.1	-32.6	110.0	83.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1904	2/24/2020 8:39	55.0	40.1	0.0	4.9	-15.8	-15.9	-31.5	103.1	88.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1906	2/10/2020 14:59	58.6	40.4	0.6	0.4	-15.6	-25.3	-31.1	102.8	85.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1906	2/24/2020 8:30	59.6	37.5	0.8	2.1	-13.9	-23.9	-29.2	93.7	85.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1908	2/13/2020 12:02	58.4	41.6	0.0	0.0	-15.3	-15.6	-30.3	97.9	93.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1908	2/24/2020 8:01	60.4	39.6	0.0	0.0	-16.6	-16.8	-30.8	98.2	96.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1909	2/13/2020 12:09	58.6	41.4	0.0	0.0	-28.7	-28.8	-29.5	94.6	15.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1909	2/27/2020 12:01	58.7	40.8	0.0	0.5	-14.0	-14.0	-13.4	97.2	12.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1910	2/13/2020 11:57	59.0	38.9	0.0	2.1	-16.6	-16.1	-31.7	108.0	83.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1910	2/24/2020 7:31	59.8	39.2	0.0	1.0	-17.1	-17.5	-33.4	107.8	88.6	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1910	2/24/2020 7:32	59.8	40.1	0.0	0.1	-17.4	-17.5	-32.5	107.8	88.1	Valve Adjustment:"No change,Valve at optimum position,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1911	2/10/2020 13:47	44.2	34.6	1.2	20.0	-11.6	-10.0	-35.3	129.2	24.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXEW1911	2/10/2020 13:49	49.4	36.6	1.3	12.7	-8.3	-8.3	-35.3	127.7	15.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1911	2/24/2020 10:31	56.2	37.2	1.2	5.4	-7.8	-8.8	-38.5	127.6	33.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1911	2/24/2020 10:32	53.9	37.1	0.9	8.1	-9.4	-9.4	-38.5	129.4	48.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1912	2/10/2020 14:31	48.9	39.3	0.0	11.8	-12.0	-11.9	-39.0	119.8	53.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1912	2/24/2020 7:47	48.3	39.0	0.0	12.7	-11.8	-11.8	-36.5	119.7	52.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXEW1913	2/13/2020 11:31	52.2	40.6	0.0	7.2	-1.1	-1.5	-34.2	88.4	26.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1913	2/24/2020 8:17	37.8	35.8	0.0	26.4	-1.1	-0.6	-37.1	88.3	30.3	Valve Adjustment:"Closed valve 1/2 turn or less,Valve 20% open";Well Condition:"";Well Repairs:""
OXEW1914	2/7/2020 13:02	58.2	41.4	0.0	0.4	-38.4	-38.4	-38.7	105.3	6.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1914	2/27/2020 14:20	58.5	41.5	0.0	0.0	-32.4	-32.4	-32.2	108.7	6.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1915	2/6/2020 10:47	40.4	38.9	0.0	20.7	-17.0	-14.3	-42.4	65.4	9.6	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1915	2/27/2020 10:37	47.6	38.5	0.0	13.9	-7.6	-7.6	-40.3	66.9	4.5	Valve Adjustment:"No Change,Valve at minimum position,Valve 5% open";Well Condition:"";Well Repairs:""
OXEW1916	2/6/2020 14:20	55.8	40.2	0.0	4.0	0.2	-29.4	-39.6	73.8	1.9	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1916	2/6/2020 14:21	56.3	43.7	0.0	0.0	-38.7	-38.7	-39.5	73.3	4.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1916	2/27/2020 12:05	37.3	30.4	4.5	27.8	-9.8	-9.8	-13.9	82.2	2.5	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1917	2/6/2020 14:02	56.3	36.4	0.1	7.2	-39.7	-39.4	-39.8	72.1	5.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1917	2/27/2020 11:48	6.5	6.8	17.4	69.3	-38.4	-38.1	-38.6	80.1	7.0	Valve Adjustment:"NSPS/CAI,Closed valve >10%,Valve 80% open";Well Condition:"";Well Repairs:""
OXEW1917	2/27/2020 11:50	6.9	7.0	17.2	68.9	-38.1	-38.1	-38.0	80.2	7.7	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""
OXEW1918	2/5/2020 12:00	9.6	11.3	12.6	66.5	-33.6	-33.4	-40.7	68.7	42.0	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXEW1918	2/5/2020 12:02	9.3	11.5	12.5	66.7	-33.7	-33.6	-40.4	68.8	40.7	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""
OXEW1918	2/6/2020 11:18	9.9	12.8	12.4	64.9	-33.4	-33.6	-41.3	92.6	31.2	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1918	2/6/2020 11:19	9.3	11.6	12.5	66.6	-33.7	-33.7	-41.7	92.5	31.6	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1918	2/27/2020 11:11	12.9	16.9	14.6	55.6	-30.4	-30.3	-40.4	89.8	36.8	Valve Adjustment:"NSPS,No Change";Well Condition:"";Well Repairs:""
OXEW1919	2/6/2020 11:50	19.1	29.5	0.0	51.4	-38.4	-38.4	-39.8	75.0	14.7	Valve Adjustment:"No change";Well Comment:"open to help probe";Well Condition:"";Well Repairs:""
OXEW1919	2/27/2020 11:50	9.5	15.5	0.9	74.1	-36.4	-36.4	-37.3	85.8	10.8	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1920	2/6/2020 11:23	25.0	17.9	7.1	50.0	-0.2	-0.2	-39.7	72.6	1.1	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1920	2/6/2020 11:31	29.1	20.8	4.9	45.2	-2.4	-2.3	-39.6	66.7	1.0	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1920	2/27/2020 12:02	14.1	14.1	0.4	71.4	-3.4	-3.5	-13.6	73.9	15.6	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1921	2/6/2020 12:07	55.7	44.3	0.0	0.0	-38.0	-38.0	-38.8	105.7	23.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1921	2/27/2020 11:43	49.4	35.9	0.0	14.7	-36.4	-36.5	-37.2	106.9	19.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW326A	2/13/2020 10:49	59.4	35.1	0.2	5.3	-33.6	-33.4	-34.2	62.0	2.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW326A	2/27/2020 11:23	51.1	35.6	2.8	10.5	-33.1	-33.4	-37.3	72.0	12.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEWHC6A	2/6/2020 10:25	7.9	9.1	16.1	66.9	-42.4	-42.4	-42.4	71.3	1.7	Valve Adjustment:"No change,NSPS/CAL exempt ";Well Condition:"";Well Repairs:""
OXEWHC6A	2/27/2020 10:31	17.7	18.2	12.4	51.7	-5.7	-4.5	-40.4	82.9	9.7	Valve Adjustment:"No Change,Valve 5% open";Well Condition:"Oxygen HOV 20%";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXHC1901	2/13/2020 12:17	0.2	0.5	22.4	76.9	-16.6	-16.6	-30.5	50.3	32.8	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXHC1901	2/13/2020 12:20	0.2	0.3	22.4	77.1	-30.5	-30.4	-30.4	50.7	0.0	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXHC1901	2/27/2020 11:56	34.0	26.8	8.5	30.7	-26.0	-25.9	-26.1	72.4	0.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXHC1901	2/27/2020 11:57	30.8	27.8	10.7	30.7	-22.9	-22.9	-22.0	72.6	0.6	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""
OXHC1922	2/13/2020 11:49	51.2	37.1	2.2	9.5	-1.5	-1.5	-31.2	59.2	63.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXHC1922	2/24/2020 7:26	50.3	36.6	2.2	10.9	-1.6	-1.7	-10.5	52.7	65.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXHC1922	2/24/2020 7:27	50.3	36.2	2.3	11.2	-1.7	-1.7	-10.2	52.7	66.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXHC1922	2/24/2020 7:37	60.7	37.8	0.2	1.3	-26.2	-26.2	-28.1	123.1	119.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXHC1922	2/27/2020 14:28	52.2	37.1	1.8	8.9	-1.5	-1.5	-29.3	81.3	63.6	Valve Adjustment:"No Change,Valve 55% open";Well Condition:"";Well Repairs:""
OXHC1922	2/27/2020 14:32	51.4	36.7	1.9	10.0	-3.0	-3.1	-31.7	82.6	88.2	Valve Adjustment:"No Change,Valve 55% open";Well Condition:"";Well Repairs:""
OXLCR4A1	2/6/2020 12:40	52.4	46.8	0.8	0.0	-1.4	-1.5	-45.1	82.3	50.4	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXLCR4A1	2/27/2020 10:30	48.6	38.5	3.0	9.9	-1.4	-1.3	-42.4	79.5	50.8	Valve Adjustment:"No Change,Valve 40% open";Well Condition:"";Well Repairs:""
OXLCR4A2	2/6/2020 12:42	52.6	44.9	0.9	1.6	-0.7	-0.8	-42.7	79.9	22.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXLCR4A2	2/27/2020 10:34	48.8	38.1	3.0	10.1	-0.8	-0.8	-40.8	77.2	21.4	Valve Adjustment:"No Change,Valve 25% open";Well Condition:"";Well Repairs:""
OXLCR4B1	2/6/2020 12:35	54.4	45.6	0.0	0.0	-0.6	-1.1	-44.4	81.8	26.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXLCR4B1	2/27/2020 10:26	48.4	38.6	3.0	10.0	-1.2	-1.2	-41.3	80.2	37.8	Valve Adjustment:"No Change,Valve 30% open";Well Condition:"";Well Repairs:""
OXLCR4B2	2/6/2020 12:38	53.6	46.2	0.2	0.0	-0.9	-1.1	-43.3	79.0	25.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXLCR4B2	2/27/2020 10:28	48.0	38.4	2.9	10.7	-1.2	-1.2	-39.8	78.3	32.7	Valve Adjustment:"No Change,Valve 30% open";Well Condition:"";Well Repairs:""
OXLCRS07	2/13/2020 15:52	61.9	37.8	0.0	0.3	-4.5	-4.5	-37.1	75.4	124.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS07	2/24/2020 9:23	60.9	39.1	0.0	0.0	-9.0	-8.7	-41.5	76.3	144.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3A	2/12/2020 16:44	57.2	37.0	0.3	5.5	-26.4	-26.1	-34.4	91.0	168.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3A	2/27/2020 10:21	57.0	43.0	0.0	0.0	-27.9	-26.8	-35.1	93.5	134.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3B	2/12/2020 16:46	58.4	41.5	0.1	0.0	-28.6	-27.1	-35.0	91.1	140.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3B	2/27/2020 10:24	56.1	43.9	0.0	0.0	-30.2	-31.0	-30.9	93.6	128.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS7B	2/13/2020 15:55	61.7	38.3	0.0	0.0	-4.6	-4.7	-33.7	75.3	123.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS7B	2/24/2020 9:25	60.9	39.1	0.0	0.0	-9.6	-9.6	-42.0	76.6	140.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME302D	2/5/2020 9:29	46.3	32.2	4.9	16.6	-14.8	-12.8	-38.8	117.3	25.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME302D	2/5/2020 9:31	53.5	37.8	2.0	6.7	-11.1	-11.1	-39.3	116.8	15.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME302D	2/7/2020 15:30	55.0	38.3	1.4	5.3	-8.3	-11.0	-42.3	117.3	16.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXME302D	2/24/2020 8:43	52.4	36.6	2.1	8.9	-20.7	-23.0	-36.4	119.2	26.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXME305D	2/7/2020 15:17	57.1	42.9	0.0	0.0	-4.1	-4.1	-41.2	130.3	11.4	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXME305D	2/24/2020 8:34	57.1	41.5	0.0	1.4	-5.3	-6.9	-35.5	130.1	8.4	Valve Adjustment:"Opened valve 1/2 turn to 1 turn,Valve 30% open";Well Condition:"";Well Repairs:""
OXME306D	2/12/2020 12:41	51.3	41.3	0.0	7.4	-25.0	-25.0	-37.2	126.9	29.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXME306D	2/25/2020 11:20	54.2	44.2	0.0	1.6	-25.1	-25.6	-38.8	126.9	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME308D	2/10/2020 11:45	47.3	40.5	0.1	12.1	-20.1	-19.8	-36.3	121.1	18.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXME308D	2/24/2020 9:40	50.8	39.4	0.0	9.8	-18.3	-18.3	-37.1	122.6	18.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXME312D	2/10/2020 11:34	47.4	40.3	0.0	12.3	-1.2	-1.3	-15.3	98.4	5.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXME312D	2/21/2020 12:49	54.8	41.6	0.0	3.6	0.8	-3.2	-39.6	107.8	0.0	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXME312D	2/21/2020 12:50	54.3	41.7	0.1	3.9	-6.6	-6.3	-38.6	123.3	82.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXME312D	2/24/2020 9:53	40.8	38.3	0.0	20.9	-13.8	-11.6	-36.2	122.2	54.5	Valve Adjustment:"Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXME316D	2/7/2020 13:12	58.6	39.2	0.1	2.1	-32.7	-32.8	-34.1	124.2	45.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME316D	2/24/2020 10:31	58.7	40.4	0.1	0.8	-32.7	-32.6	-33.8	124.0	47.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME317D	2/7/2020 13:19	57.8	41.8	0.0	0.4	-35.3	-35.3	-35.3	83.3	29.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME317D	2/24/2020 10:27	57.7	40.7	0.0	1.6	-34.6	-34.7	-34.2	81.1	10.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW113	2/12/2020 15:47	51.3	38.7	0.1	9.9	-25.4	-19.1	-36.9	74.0	56.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW113	2/25/2020 11:52	46.0	40.4	0.4	13.2	-22.3	-29.6	-38.0	74.3	20.7	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW122	2/13/2020 16:06	56.6	38.2	0.1	5.1	-34.6	-34.5	-34.9	62.6	21.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW122	2/27/2020 9:59	57.3	40.8	0.0	1.9	-37.4	-37.4	-37.9	70.0	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW126	2/13/2020 11:22	58.0	39.8	0.0	2.2	-33.1	-33.0	-33.9	54.5	14.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW126	2/25/2020 12:27	56.6	43.3	0.1	0.0	-39.3	-39.3	-39.3	68.8	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW138	2/12/2020 16:54	47.0	38.3	0.1	14.6	-4.2	-4.2	-34.5	73.0	9.2	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW138	2/27/2020 10:26	43.1	40.4	0.0	16.5	-4.3	-4.4	-35.4	74.7	11.4	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW145	2/12/2020 15:59	56.9	42.7	0.1	0.3	-35.1	-35.4	-35.9	102.3	14.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW145	2/25/2020 12:07	52.7	43.7	0.1	3.5	-37.4	-37.4	-38.5	103.6	19.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	2/6/2020 10:43	56.2	43.8	0.0	0.0	-3.7	-3.7	-3.7	72.1	7.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	2/10/2020 10:30	55.5	44.4	0.1	0.0	-26.4	-26.4	-26.4	63.1	7.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	2/27/2020 10:41	50.4	39.0	0.0	10.6	-40.0	-40.1	-40.0	66.6	16.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW158	2/13/2020 11:15	48.3	42.2	0.0	9.5	-29.4	-29.4	-33.9	62.1	7.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW158	2/25/2020 12:40	43.0	39.1	0.1	17.8	-35.0	-35.0	-39.1	69.1	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW159	2/13/2020 11:17	46.7	43.3	0.4	9.6	-31.4	-25.3	-33.9	66.1	12.4	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW159	2/25/2020 12:42	45.3	44.7	0.3	9.7	-28.6	-28.6	-39.2	70.0	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW162	2/12/2020 11:01	45.5	27.7	3.8	23.0	-5.3	-4.9	-34.0	72.3	8.9	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW162	2/25/2020 9:37	45.3	27.7	4.9	22.1	-19.3	-19.6	-50.8	75.5	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW164	2/12/2020 11:21	0.4	0.6	20.0	79.0	47.4	-2.3	-35.1	74.5	9.1	Valve Adjustment:"Valve at minimum position,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW164	2/12/2020 11:23	41.4	33.8	1.0	23.8	-15.4	-15.7	-34.4	77.7	13.1	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW164	2/25/2020 9:54	6.2	4.4	19.0	70.4	-50.3	-2.6	-51.1	74.6	27.6	Valve Adjustment:"NSPS/CAI,Closed valve >10%";Well Condition:"";Well Repairs:""
OXMEW164	2/25/2020 9:55	0.0	0.1	21.4	78.5	-3.0	-2.7	-51.2	72.9	41.2	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW170	2/6/2020 11:59	58.0	31.2	1.8	9.0	-38.8	-38.4	-38.6	68.5	9.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW170	2/27/2020 11:32	58.7	31.7	1.4	8.2	-37.3	-37.3	-37.2	72.9	6.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW173	2/6/2020 11:01	52.7	44.6	0.1	2.6	-10.7	-12.1	-39.0	117.9	74.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW173	2/27/2020 10:17	48.9	37.0	0.1	14.0	-13.0	-13.1	-35.9	118.0	81.6	Valve Adjustment:"No Change,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEW174	2/6/2020 10:51	59.4	40.6	0.0	0.0	-4.0	-3.9	-4.1	71.3	7.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW174	2/10/2020 10:33	38.9	41.4	0.5	19.2	-22.5	-18.1	-27.8	66.1	3.7	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW174	2/27/2020 10:24	51.0	38.8	0.0	10.2	-3.6	-3.6	-39.6	71.2	16.6	Valve Adjustment:"No Change,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEW175	2/6/2020 10:20	56.4	39.3	0.1	4.2	-34.3	-42.0	-43.2	79.0	6.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW175	2/27/2020 10:27	46.0	36.8	0.0	17.2	-38.7	-38.7	-39.2	84.7	14.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW176	2/6/2020 12:54	49.5	43.1	0.7	6.7	0.5	0.5	0.3	97.1	8.8	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW176	2/6/2020 12:54	49.5	43.4	0.8	6.3	0.5	0.5	0.3	97.0	5.4	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW176	2/19/2020 13:13	55.1	40.3	0.1	4.5	-7.0	-13.1	-30.8	113.1	32.1	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW176	2/27/2020 9:53	46.2	39.2	0.0	14.6	-22.1	-20.0	-35.5	114.1	58.7	Valve Adjustment:"Closed valve 1/2 turn or less,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEW176	2/27/2020 9:55	45.7	38.9	0.0	15.4	-19.0	-19.0	-35.3	113.9	44.5	Valve Adjustment:"No Change,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEW181	2/7/2020 14:58	56.4	40.7	0.0	2.9	-37.9	-38.9	-38.3	113.6	48.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW181	2/24/2020 8:14	56.1	39.1	0.0	4.8	-33.4	-34.3	-35.2	113.5	37.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW182	2/7/2020 13:33	54.2	39.7	0.0	6.1	-27.3	-27.3	-36.5	119.6	60.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW182	2/24/2020 10:11	55.2	39.5	0.0	5.3	-27.2	-27.0	-35.2	119.2	58.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW183	2/7/2020 14:41	48.1	40.9	0.0	11.0	-7.0	-7.0	-36.7	119.7	48.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW183	2/24/2020 8:08	48.0	40.2	0.0	11.8	-6.7	-6.7	-34.7	119.2	43.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW184	2/7/2020 14:08	44.7	39.8	0.0	15.5	-0.7	-0.6	-39.5	126.8	28.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW184	2/24/2020 7:39	41.3	39.1	0.0	19.6	-0.6	-0.5	-33.4	126.7	35.7	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW185	2/7/2020 14:11	41.9	39.9	0.0	18.2	-1.8	-1.3	-39.8	120.8	20.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW185	2/24/2020 7:42	41.7	39.3	0.0	19.0	-1.2	-1.1	-34.3	118.9	15.2	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW186	2/10/2020 11:18	47.3	41.7	0.9	10.1	-1.5	-1.2	-15.7	122.5	6.9	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW186	2/10/2020 11:23	45.9	40.1	1.0	13.0	-1.0	-1.0	-15.3	120.0	2.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW186	2/21/2020 13:01	56.2	43.8	0.0	0.0	0.4	-0.3	-38.9	102.0	3.6	Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW186	2/21/2020 13:02	55.8	44.1	0.1	0.0	-0.4	-0.3	-38.8	116.1	19.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW186	2/24/2020 10:03	43.3	39.8	0.5	16.4	-3.8	-3.1	-36.8	123.0	16.9	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW187	2/7/2020 14:31	34.4	38.9	0.1	26.6	-2.2	-1.8	-18.8	120.8	23.6	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW187	2/21/2020 13:43	39.0	40.5	0.1	20.4	-1.8	-1.9	-37.5	119.7	14.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW187	2/24/2020 8:02	31.4	38.0	0.3	30.3	-2.8	-2.5	-34.8	118.9	19.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW188	2/7/2020 14:19	49.4	41.4	0.0	9.2	-1.2	-1.2	-17.5	108.5	13.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW188	2/21/2020 13:28	51.5	42.5	0.1	5.9	-1.3	-1.3	-37.6	113.7	19.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW188	2/24/2020 7:51	44.9	40.3	0.1	14.7	-2.5	-2.5	-34.2	113.8	26.4	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW189	2/7/2020 14:22	54.5	41.3	0.0	4.2	-1.6	-2.3	-16.0	117.4	17.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW189	2/21/2020 13:24	54.8	40.9	0.1	4.2	-1.9	-4.8	-37.6	117.5	20.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW189	2/21/2020 13:25	54.6	42.2	0.1	3.1	-6.7	-6.7	-36.4	121.3	79.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW189	2/24/2020 7:55	45.1	40.3	0.0	14.6	-9.0	-7.7	-32.9	121.8	77.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW190	2/10/2020 11:38	54.3	41.2	0.7	3.8	-11.4	-11.4	-15.0	122.1	44.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW190	2/24/2020 9:45	55.8	39.2	1.0	4.0	-6.3	-9.7	-34.9	119.5	19.2	Valve Adjustment:"Opened valve >10% ,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEW191	2/6/2020 12:16	53.6	45.3	0.1	1.0	-6.5	-9.1	-43.9	126.9	34.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW191	2/27/2020 10:58	40.0	34.5	2.9	22.6	-14.4	-11.3	-39.6	125.4	53.2	Valve Adjustment:"Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW191	2/27/2020 10:59	37.2	32.5	4.4	25.9	-10.3	-10.4	-40.7	122.9	31.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW192	2/6/2020 12:19	54.1	45.8	0.0	0.1	-33.6	-37.0	-40.6	106.3	26.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW192	2/27/2020 9:28	54.3	41.3	0.2	4.2	-35.6	-36.1	-37.8	105.4	38.3	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 80% open";Well Condition:"";Well Repairs:""
OXMEW192	2/27/2020 9:30	54.4	42.1	0.2	3.3	-36.1	-36.1	-38.0	105.4	35.7	Valve Adjustment:"No Change,Valve 80% open";Well Condition:"";Well Repairs:""
OXMEW194	2/13/2020 11:37	49.2	37.9	0.6	12.3	-21.0	-21.0	-33.9	83.3	13.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW194	2/24/2020 7:34	49.3	36.8	0.7	13.2	-21.7	-23.2	-35.3	83.0	12.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW196	2/7/2020 13:37	51.2	38.5	0.0	10.3	-11.0	-11.1	-36.7	109.7	7.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW196	2/24/2020 10:08	50.9	39.7	0.0	9.4	-11.2	-11.2	-36.5	107.3	11.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW199	2/10/2020 11:15	51.1	37.2	0.0	11.7	-11.4	-11.3	-14.3	121.6	46.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW199	2/21/2020 13:06	52.3	42.8	0.2	4.7	-3.5	-5.6	-39.4	119.7	20.4	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW199	2/21/2020 13:08	52.2	41.9	0.1	5.8	-6.1	-6.0	-38.1	121.8	48.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW199	2/24/2020 10:06	50.3	40.9	0.0	8.8	-11.3	-11.1	-36.6	121.7	43.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW200	2/5/2020 9:39	33.2	32.9	3.6	30.3	-3.3	-2.2	-35.3	103.1	32.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW200	2/5/2020 9:41	35.2	35.6	2.0	27.2	-2.0	-1.9	-37.6	102.4	23.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW200	2/7/2020 14:38	33.7	29.7	4.8	31.8	-6.3	-3.7	-40.4	113.7	11.9	Valve Adjustment:"Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW200	2/24/2020 8:05	46.1	41.8	0.0	12.1	-0.9	-0.9	-35.3	114.0	26.2	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW201	2/7/2020 14:13	37.0	38.0	0.0	25.0	-0.6	-0.6	-39.7	111.5	8.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW201	2/24/2020 7:44	34.7	37.1	0.0	28.2	-0.9	-0.9	-34.3	108.5	6.4	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW203	2/12/2020 15:42	52.5	32.6	1.7	13.2	-7.3	-7.6	-36.3	77.5	2.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW203	2/25/2020 11:47	29.4	30.8	0.9	38.9	-33.3	-32.6	-39.1	85.0	16.3	Valve Adjustment:"Closed valve 1/2 turn or less,Valve 10% open";Well Condition:"";Well Repairs:""
OXMEW204	2/12/2020 15:39	49.2	39.6	0.1	11.1	-8.9	-8.9	-37.4	108.9	5.0	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW204	2/25/2020 11:44	46.1	41.5	0.0	12.4	-10.7	-8.0	-33.9	109.2	18.5	Valve Adjustment:"Closed valve 1/2 turn or less,Valve 10% open";Well Condition:"";Well Repairs:""
OXMEW205	2/7/2020 14:27	41.1	41.3	0.0	17.6	-0.2	-0.1	-17.6	130.2	26.8	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW205	2/21/2020 13:37	55.0	44.7	0.0	0.3	0.2	-0.4	-37.6	131.7	10.3	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW205	2/21/2020 13:37	54.0	46.0	0.0	0.0	-0.6	-0.4	-36.1	136.4	24.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW205	2/21/2020 13:38	54.0	46.0	0.0	0.0	-0.5	-0.4	-36.8	136.2	26.6	Valve Adjustment:"No change,Valve at optimum position,NSPS/CAL exempt ";Well Condition:"";Well Repairs:""
OXMEW205	2/24/2020 7:59	31.7	40.1	0.0	28.2	-1.4	-0.9	-34.2	135.2	28.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW205	2/24/2020 8:00	40.6	40.4	0.0	19.0	-0.9	-0.8	-34.0	130.0	9.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW209	2/7/2020 15:10	56.8	43.2	0.0	0.0	-7.0	-7.4	-41.7	133.2	17.6	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW209	2/7/2020 15:11	56.0	43.9	0.1	0.0	-7.5	-7.6	-42.0	133.7	24.1	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW209	2/19/2020 12:53	57.2	42.7	0.1	0.0	-7.6	-9.7	-31.7	133.5	22.3	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 45% open";Well Condition:"";Well Repairs:""
OXMEW209	2/19/2020 12:54	58.0	42.0	0.0	0.0	-10.1	-10.1	-33.9	134.7	38.6	Valve Adjustment:"NSPS,Valve 45% open";Well Condition:"";Well Repairs:""
OXMEW209	2/24/2020 8:26	57.7	42.2	0.0	0.1	-16.0	-18.3	-37.4	130.0	36.0	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEW210	2/12/2020 12:35	50.2	38.9	0.4	10.5	-35.0	-35.4	-36.2	125.3	22.7	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW210	2/25/2020 11:13	50.3	38.2	0.3	11.2	-37.6	-37.6	-38.5	125.3	49.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW300	2/7/2020 15:34	59.7	40.3	0.0	0.0	-39.7	-40.2	-41.4	107.3	22.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW300	2/24/2020 8:46	60.4	38.6	0.1	0.9	-34.7	-34.4	-36.0	106.3	22.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW301	2/7/2020 15:38	55.4	38.5	1.1	5.0	-10.3	-26.0	-42.0	93.5	4.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW301	2/24/2020 8:51	44.4	35.2	0.7	19.7	-31.0	-15.3	-36.6	102.8	11.5	Valve Adjustment:"Closed valve >1 turn,Valve 25% open";Well Condition:"";Well Repairs:""
OXMEW302	2/7/2020 15:27	46.4	39.2	0.0	14.4	-9.3	-7.3	-42.7	112.0	40.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW302	2/24/2020 8:41	42.9	36.6	0.0	20.5	-6.3	-6.2	-36.9	107.7	12.2	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW303	2/12/2020 12:28	60.7	33.4	0.2	5.7	-37.9	-37.9	-37.7	72.4	20.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW303	2/25/2020 11:09	60.2	39.7	0.1	0.0	-40.3	-40.3	-40.0	72.5	17.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW305	2/7/2020 15:14	52.7	43.0	0.0	4.3	-14.7	-15.9	-40.9	118.3	11.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW305	2/24/2020 8:31	49.2	38.0	0.0	12.8	-17.6	-17.3	-35.3	117.9	19.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW306	2/12/2020 12:40	37.0	34.9	0.0	28.1	-1.3	-1.2	-37.5	113.3	8.3	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW306	2/25/2020 11:17	11.9	28.6	0.1	59.4	-1.4	-1.4	-38.8	106.4	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW307	2/12/2020 16:04	55.3	37.2	1.9	5.6	-35.9	-35.6	-36.1	87.8	5.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW307	2/25/2020 12:15	51.2	38.4	2.2	8.2	-38.3	-38.3	-38.3	99.2	5.9	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW308	2/10/2020 11:42	45.8	40.8	0.0	13.4	-20.5	-19.7	-36.7	115.0	15.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW308	2/24/2020 9:37	50.0	39.0	0.0	11.0	-17.3	-17.0	-37.5	114.8	13.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW309	2/7/2020 15:07	49.0	41.4	0.0	9.6	-21.0	-21.0	-42.0	125.5	43.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW309	2/24/2020 8:29	50.4	39.4	0.0	10.2	-19.7	-19.3	-36.1	125.5	39.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW310	2/10/2020 12:52	45.8	40.7	0.0	13.5	-6.1	-5.8	-14.5	114.0	29.7	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW310	2/21/2020 13:11	46.4	40.6	0.2	12.8	-5.9	-5.9	-38.1	115.2	69.8	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW310	2/24/2020 9:46	44.5	36.5	0.3	18.7	-6.1	-6.1	-35.5	114.3	14.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW311	2/12/2020 12:51	46.9	43.8	0.0	9.3	-26.9	-25.3	-34.2	120.1	44.5	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW311	2/25/2020 11:26	50.1	43.4	0.0	6.5	-25.4	-25.3	-39.1	119.6	24.8	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW312	2/10/2020 11:32	49.7	42.2	0.0	8.1	-12.3	-12.1	-15.3	108.3	245.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW312	2/21/2020 12:52	52.6	40.7	0.1	6.6	-0.8	-0.9	-38.1	105.4	62.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW312	2/21/2020 12:52	52.8	40.4	0.1	6.7	-1.1	-1.1	-38.9	105.8	73.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW312	2/24/2020 9:50	52.9	38.4	0.0	8.7	-3.2	-7.7	-34.5	105.3	124.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW313	2/6/2020 13:00	49.8	41.7	2.1	6.4	-42.4	-41.7	-42.3	63.4	6.6	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW313	2/27/2020 10:13	48.1	36.3	2.8	12.8	-37.4	-37.4	-39.0	64.4	6.0	Valve Adjustment:"No Change,Valve 80% open";Well Condition:"";Well Repairs:""
OXMEW314	2/6/2020 12:46	53.3	44.8	0.0	1.9	-19.8	-25.3	-42.5	61.5	6.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW314	2/27/2020 10:36	48.7	39.0	0.5	11.8	-35.4	-35.4	-40.4	65.1	18.0	Valve Adjustment:"No Change,Valve 80% open";Well Condition:"";Well Repairs:""
OXMEW315	2/10/2020 11:58	51.5	39.8	0.1	8.6	-31.7	-31.7	-36.2	119.4	19.1	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW315	2/24/2020 9:29	50.5	38.9	0.1	10.5	-32.7	-32.8	-37.6	119.4	19.7	Valve Adjustment:"No Change,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEW316	2/7/2020 13:10	60.3	39.5	0.0	0.2	-33.1	-32.9	-34.9	108.0	6.0	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW316	2/24/2020 10:29	58.1	41.9	0.0	0.0	-32.9	-32.7	-34.2	88.2	11.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW317	2/7/2020 13:15	59.2	39.7	0.0	1.1	-35.0	-35.0	-35.3	109.1	24.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW317	2/24/2020 10:26	58.7	40.0	0.0	1.3	-34.4	-34.4	-34.2	108.9	28.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW318	2/7/2020 13:28	34.9	34.2	0.0	30.9	-7.0	-6.0	-36.0	114.3	37.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW318	2/24/2020 10:19	51.1	38.3	0.0	10.6	-3.8	-3.9	-35.4	113.4	24.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW319	2/10/2020 13:01	46.0	40.9	0.0	13.1	-16.1	-13.4	-32.9	109.6	14.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW319	2/24/2020 9:58	59.4	36.9	0.4	3.3	-7.8	-18.4	-35.6	105.3	78.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW319	2/24/2020 9:59	59.5	37.3	0.4	2.8	-21.2	-21.2	-35.3	111.2	27.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW320	2/10/2020 12:41	57.1	42.9	0.0	0.0	-15.8	-15.7	-15.6	123.6	34.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW320	2/21/2020 12:37	56.8	41.8	0.8	0.6	-13.5	-19.3	-38.1	123.4	12.7	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW320	2/21/2020 12:38	57.1	41.6	0.8	0.5	-30.7	-31.0	-38.1	125.8	28.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW320	2/24/2020 9:40	57.6	37.3	1.2	3.9	-32.0	-34.4	-34.8	123.8	20.3	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW320	2/24/2020 9:41	57.6	37.6	1.0	3.8	-34.0	-34.0	-34.4	124.2	18.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW321	2/10/2020 14:52	48.8	35.8	2.6	12.8	-9.3	-9.3	-16.8	110.0	47.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW321	2/21/2020 12:08	38.8	32.3	4.3	24.6	-20.6	-20.6	-40.9	109.6	70.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW321	2/24/2020 8:11	37.9	31.4	4.6	26.1	-17.9	-17.5	-34.3	110.5	62.9	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW322	2/7/2020 13:05	58.3	41.0	0.0	0.7	-33.4	-36.0	-38.9	122.1	18.1	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW322	2/24/2020 10:39	58.3	40.4	0.0	1.3	-36.7	-36.7	-38.3	121.5	16.8	Valve Adjustment:"No Change,Valve 60% open";Well Condition:"";Well Repairs:""
OXMEW323	2/10/2020 13:36	58.3	41.6	0.1	0.0	-31.4	-31.7	-31.9	116.5	18.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW323	2/24/2020 10:45	57.3	38.8	0.8	3.1	-34.4	-34.4	-34.3	87.4	10.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW325	2/13/2020 11:52	58.5	37.9	0.1	3.5	-28.7	-28.6	-29.2	50.7	7.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW325	2/24/2020 7:21	56.8	33.7	1.7	7.8	-24.3	-24.3	-24.5	50.0	6.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEW325	2/24/2020 7:25	62.1	37.5	0.1	0.3	-30.1	-29.9	-29.8	49.8	6.2	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXMEW328	2/10/2020 14:34	59.8	40.2	0.0	0.0	-26.4	-26.3	-32.9	114.4	36.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW328	2/24/2020 7:42	60.3	39.5	0.1	0.1	-23.9	-24.9	-30.1	117.0	51.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWHC1	2/5/2020 10:01	53.6	46.4	0.0	0.0	17.6	18.3	17.6	59.6		Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWHC1	2/5/2020 10:04	54.0	46.0	0.0	0.0	17.6	17.2	18.2	59.9		Valve Adjustment:"NSPS/CAI,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWHC1	2/13/2020 11:24	57.8	41.4	0.0	0.8	-33.0	-32.4	-33.6	56.0		Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWHC1	2/25/2020 12:23	55.4	40.7	0.2	3.7	-39.3	-39.4	-39.0	75.3		Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW05	2/6/2020 13:17	53.0	46.9	0.1	0.0	-43.0	-42.8	-42.8	114.4	28.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW05	2/27/2020 10:47	55.6	44.0	0.4	0.0	-40.4	-40.4	-40.1	112.6	17.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW06	2/6/2020 13:15	54.7	44.4	0.0	0.9	-43.0	-43.3	-42.8	90.5	15.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW06	2/27/2020 10:58	40.7	35.9	4.5	18.9	-40.8	-40.5	-41.4	84.6	56.1	Valve Adjustment:"Closed valve 1/2 turn or less,Valve 90% open";Well Condition:"";Well Repairs:""
OXMEWW06	2/27/2020 11:00	50.7	42.2	2.7	4.4	-40.5	-40.4	-40.6	87.6	31.7	Valve Adjustment:"No Change,Valve 90% open";Well Condition:"";Well Repairs:""
OXMEWW08	2/6/2020 12:24	26.0	24.8	10.6	38.6	-3.3	-2.9	-20.6	118.3	8.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW08	2/6/2020 12:28	35.4	31.1	7.1	26.4	-2.1	-2.1	-25.4	107.4	1.5	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW08	2/19/2020 13:18	55.9	40.9	0.0	3.2	2.0	2.1	-2.2	74.5	2.6	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open";Well Condition:"";Well Repairs:""
OXMEWW08	2/19/2020 13:22	54.7	45.3	0.0	0.0	-0.3	-0.3	-12.3	77.9	27.9	Valve Adjustment:"Opened valve 1/2 turn to 1 turn,Valve 40% open";Well Condition:"";Well Repairs:""
OXMEWW08	2/19/2020 13:23	54.1	45.9	0.0	0.0	-1.5	-1.4	-13.6	114.1	21.6	Valve Adjustment:"No Change,Valve 40% open";Well Condition:"";Well Repairs:""
OXMEWW08	2/27/2020 9:34	48.9	41.0	0.1	10.0	-12.8	-12.8	-20.3	121.5	5.0	Valve Adjustment:"No Change,Valve 45% open";Well Condition:"";Well Repairs:""
OXMEWW15	2/6/2020 13:02	56.9	40.4	0.1	2.6	-42.0	-41.7	-42.0	68.0	2.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW15	2/27/2020 10:04	58.9	40.6	0.5	0.0	-39.1	-39.1	-39.1	68.5	22.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEWW16	2/6/2020 13:21	52.8	47.1	0.1	0.0	-39.4	-36.4	-39.7	70.8	14.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW16	2/27/2020 11:05	55.1	44.1	0.8	0.0	-39.5	-39.5	-39.1	71.6	17.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	2/13/2020 10:23	52.4	42.7	0.5	4.4	-29.3	-31.1	-32.6	56.2	31.2	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	2/27/2020 10:57	53.5	46.2	0.3	0.0	-36.5	-37.4	-36.7	71.5	19.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW18	2/10/2020 14:17	56.6	41.9	0.0	1.5	-34.4	-34.4	-36.3	65.2	3.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW18	2/27/2020 10:44	53.6	40.3	0.2	5.9	-36.7	-36.4	-38.5	67.0	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1G	2/6/2020 13:42	53.4	41.6	0.1	4.9	-40.9	-40.7	-40.7	67.7	1.0	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW1G	2/27/2020 11:28	57.5	42.5	0.0	0.0	-39.1	-39.1	-39.5	71.2	0.5	Valve Adjustment:"Opened valve 10% or less,Valve 60% open";Well Condition:"";Well Repairs:""
OXMEWW1G	2/27/2020 11:29	57.2	42.8	0.0	0.0	-38.7	-38.7	-38.4	71.8	1.1	Valve Adjustment:"No Change,Valve 60% open";Well Condition:"";Well Repairs:""
OXMEWW1I	2/6/2020 13:39	55.6	44.4	0.0	0.0	-40.7	-40.4	-40.7	70.9	1.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1I	2/27/2020 11:24	58.1	41.9	0.0	0.0	-38.4	-38.4	-38.4	76.3	1.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1J	2/6/2020 13:35	52.8	47.2	0.0	0.0	-38.8	-39.0	-40.1	72.3	6.5	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW1J	2/27/2020 11:20	56.7	43.3	0.0	0.0	-38.1	-38.4	-39.8	71.6	7.3	Valve Adjustment:"Opened valve 10% or less,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEWW1J	2/27/2020 11:21	56.4	43.6	0.0	0.0	-38.4	-38.4	-39.4	71.6	7.5	Valve Adjustment:"No Change,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEWW1K	2/6/2020 13:32	53.7	46.2	0.1	0.0	-42.7	-43.0	-42.7	71.1	9.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1K	2/27/2020 11:16	56.4	43.4	0.2	0.0	-41.5	-41.5	-41.4	70.3	20.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1S	2/13/2020 10:14	55.8	42.1	0.0	2.1	-32.4	-32.4	-33.1	64.7	17.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1S	2/27/2020 10:50	56.6	41.6	0.0	1.8	-36.1	-38.0	-37.0	66.9	9.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW26	2/10/2020 14:19	59.5	36.0	0.2	4.3	-35.7	-35.9	-35.9	70.7	6.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW26	2/27/2020 10:47	48.5	35.1	2.1	14.3	-38.4	-38.6	-38.6	70.2	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	2/12/2020 17:10	53.7	45.9	0.1	0.3	-43.1	-43.1	-43.6	57.9	38.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	2/25/2020 10:32	45.4	38.6	3.6	12.4	-44.8	-44.8	-43.7	77.3	42.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	2/12/2020 17:08	53.4	41.2	0.7	4.7	-42.7	-42.7	-43.9	64.9	0.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	2/25/2020 10:36	48.9	45.1	1.0	5.0	-44.0	-44.0	-45.1	75.5	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	2/12/2020 17:06	53.8	41.6	1.9	2.7	-43.4	-43.1	-44.1	65.6	7.4	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	2/25/2020 10:39	53.3	46.4	0.3	0.0	-43.4	-43.4	-45.2	75.5	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMNEW1D	2/10/2020 11:06	57.8	42.2	0.0	0.0	-36.1	-36.4	-36.3	69.8	0.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMNEW1D	2/10/2020 11:09	58.0	41.8	0.2	0.0	-36.1	-36.4	-36.0	69.8	9.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMNEW1D	2/27/2020 11:37	57.2	42.8	0.0	0.0	-39.1	-39.1	-39.0	73.0	11.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW30	2/13/2020 10:09	57.7	41.0	0.0	1.3	-34.6	-34.5	-35.3	51.7	1.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW30	2/27/2020 12:08	56.4	43.4	0.2	0.0	-13.1	-13.1	-12.9	75.7	0.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW31	2/6/2020 14:04	57.3	41.0	0.1	1.6	-42.1	-42.1	-42.5	84.2	3.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMPEW31	2/27/2020 11:58	56.6	43.4	0.0	0.0	-27.2	-27.2	-27.1	85.3	0.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW32	2/6/2020 10:29	56.8	42.9	0.1	0.2	-42.4	-42.4	-42.8	69.7	6.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW32	2/27/2020 10:09	48.2	38.3	0.0	13.5	-39.7	-39.7	-39.3	71.4	5.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW33	2/6/2020 10:35	55.0	42.8	0.0	2.2	-15.7	-16.3	-40.8	85.9	15.8	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""
OXMPEW33	2/27/2020 10:04	47.0	37.5	0.0	15.5	-18.8	-16.7	-39.8	87.6	19.2	Valve Adjustment:"Closed valve 1/2 turn or less,Valve 10% open";Well Condition:"";Well Repairs:""
OXMPEW33	2/27/2020 10:05	47.4	38.2	0.0	14.4	-13.3	-13.3	-40.1	86.7	14.5	Valve Adjustment:"No Change,Valve 10% open";Well Condition:"";Well Repairs:""
OXMPEW35	2/6/2020 14:11	56.7	42.4	0.1	0.8	-41.1	-41.3	-42.5	125.7	45.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW35	2/27/2020 11:54	55.2	44.5	0.3	0.0	-38.4	-38.4	-39.1	126.1	41.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW36	2/6/2020 14:09	58.1	41.9	0.0	0.0	-42.7	-42.7	-42.9	74.5	2.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW36	2/27/2020 10:52	57.7	42.3	0.0	0.0	-40.8	-40.8	-41.7	76.6	2.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW42	2/6/2020 12:58	55.3	43.8	0.0	0.9	-42.4	-42.3	-42.3	65.4	10.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW42	2/27/2020 10:10	56.5	43.0	0.5	0.0	-39.5	-39.5	-39.7	66.2	15.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW44	2/13/2020 10:18	56.7	43.3	0.0	0.0	-33.0	-32.9	-33.6	59.2	6.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW44	2/27/2020 10:53	55.3	44.7	0.0	0.0	-38.4	-38.0	-38.6	72.2	10.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	2/6/2020 13:05	56.1	43.9	0.0	0.0	-41.7	-41.7	-41.6	75.6	6.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	2/27/2020 10:00	56.3	41.8	1.0	0.9	-38.1	-38.1	-38.3	72.5	12.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW50	2/6/2020 12:31	54.4	45.4	0.2	0.0	-27.2	-27.5	-28.4	92.8	25.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW50	2/27/2020 9:47	55.1	42.0	0.1	2.8	-32.7	-33.0	-34.7	93.4	66.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXPEW30A	2/6/2020 14:15	57.0	42.9	0.1	0.0	-42.3	-42.0	-42.9	70.1	0.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXPEW30A	2/13/2020 11:04	40.7	36.4	1.0	21.9	-31.4	-31.4	-33.7	54.7		Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""
OXPEW30A	2/25/2020 12:38	35.4	31.0	1.6	32.0	-37.4	-37.3	-37.8	72.2		Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""

Bold Italics = HOV approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions recorded by GEM.

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. wc. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

≤15% Oxygen HOV Condition Application Number 10164 part 18(b)(i)

OXMWW17 and OXMHCFO6

≤15% Oxygen LTCO Condition Application Number 10164 part 18(d)(i)

OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS13, OMTLTS14, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, and OMTLTS20.

**OX MOUNTAIN LANDFILL**

Wellfield Monitoring Report - March 3, 6, 10, 11, 12, 21, 23, 24, 26, and 27, 2020

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMLEW101	3/11/2020 10:17	56.3	43.6	0.1	0.0	-1.5	-1.6	-20.7	73.2	8.5	Valve Adjustment:"Opened valve 10% or less,Valve 10% open";Well Condition:"";Well Repairs:""
OMLEW101	3/26/2020 12:31	53.5	40.6	1.8	4.1	-1.9	-2.1	-25.5	71.1	10.2	Valve Adjustment:"Opened valve 1/2 turn to 1 turn,Valve 15% open";Well Condition:"";Well Repairs:""
OMLEW101	3/26/2020 12:31	53.1	40.3	1.7	4.9	-2.3	-2.4	-25.5	71.6	12.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMLEW104	3/3/2020 13:55	48.6	39.9	0.2	11.3	-23.7	-23.7	-26.0	81.3	31.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMLEW104	3/21/2020 11:45	51.9	37.6	1.4	9.1	-20.3	-19.8	-26.5	80.4	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMLEW107	3/3/2020 13:57	55.5	41.3	0.0	3.2	-26.3	-26.0	-25.8	70.0	16.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OMLEW107	3/21/2020 11:47	55.4	37.6	1.2	5.8	-26.5	-26.1	-27.0	65.7	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OMLFEW59	3/10/2020 10:46	55.7	43.2	0.0	1.1	-0.9	-1.0	-19.2	114.2	39.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW59	3/24/2020 13:32	54.7	40.6	0.7	4.0	-1.0	-1.4	-15.1	113.5	38.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW59	3/24/2020 13:32	54.5	40.9	0.7	3.9	-1.4	-1.2	-20.4	113.5	47.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMLFEW72	3/3/2020 13:45	53.6	41.6	0.0	4.8	-0.7	-11.6	-25.8	77.3		Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OMLFEW72	3/21/2020 12:01	43.9	32.9	1.2	22.0	-18.0	-17.7	-26.4	58.5		Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW72	3/21/2020 12:03	39.5	29.8	1.6	29.1	-16.3	-15.7	-26.7	58.3		Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMLFEW99	3/10/2020 10:43	54.5	43.1	0.0	2.4	-0.2	-0.2	-22.7	75.3	4.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMLFEW99	3/24/2020 14:28	51.9	38.7	0.5	8.9	-0.1	-0.1	-26.2	72.1	7.1	Valve Adjustment:"No Change,Valve 10% open";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	3/3/2020 13:34	4.4	3.9	19.4	72.3	-0.1	-0.1	-25.3	73.6	8.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	3/3/2020 13:36	24.5	23.0	7.7	44.8	-2.1	-2.1	-21.0	72.5	48.6	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS01</b>	3/21/2020 12:09	35.1	28.7	4.5	31.7	-0.5	-0.5	-24.0	71.2	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS02</b>	3/3/2020 13:24	29.0	28.3	2.9	39.8	-0.4	-0.4	-30.0	78.4	13.6	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS02</b>	3/21/2020 12:13	36.5	31.0	2.4	30.1	-0.3	-0.3	-25.6	70.3	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS03</b>	3/3/2020 13:22	25.8	28.4	2.7	43.1	-0.6	-0.6	-32.2	74.7	15.4	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS03</b>	3/21/2020 12:16	34.7	30.2	0.8	34.3	-0.4	-0.3	-25.5	68.0	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS04</b>	3/3/2020 11:41	17.2	27.2	0.2	55.4	-0.4	-0.4	-37.6	85.7	13.7	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS04</b>	3/21/2020 10:32	28.3	29.1	0.5	42.1	-0.5	-0.4	-20.7	81.1	32.5	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS05</b>	3/3/2020 11:44	29.9	29.7	0.5	39.9	-0.4	-0.4	-34.5	85.3	37.7	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS05</b>	3/21/2020 10:29	39.0	32.4	0.7	27.9	-0.5	-0.3	-21.1	81.3	15.6	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS06</b>	3/3/2020 11:46	17.6	16.9	11.6	53.9	-0.4	-0.4	-33.2	90.3	13.7	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS06</b>	3/21/2020 10:26	16.0	18.8	9.5	55.7	-0.5	-0.3	-15.9	87.1	20.4	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS07</b>	3/3/2020 11:48	29.2	28.9	2.5	39.4	-0.5	-0.5	-29.2	87.4	14.7	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
<b>OMTLTS07</b>	3/21/2020 10:10	54.9	39.2	0.2	5.7	-0.3	-0.4	-24.2	76.6	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OMTLTS07	3/21/2020 10:11	54.9	39.6	0.2	5.3	-0.4		-20.5	79.5	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMTLTS07	3/23/2020 13:37	38.6	33.6	1.1	26.7	-0.7	-0.7	-18.0	74.2	12.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMTLTS08	3/3/2020 11:52	29.0	26.3	6.0	38.7	-0.5	-0.5	-26.7	95.5	12.5	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS08	3/21/2020 10:07	32.7	27.2	5.1	35.0	-0.3	-0.3	-15.2	90.1	7.6	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS09	3/3/2020 11:53	19.3	25.5	1.1	54.1	-0.8	-0.8	-31.4	86.3	13.2	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS09	3/21/2020 10:04	46.5	33.7	0.2	19.6	-0.4	-0.3	-14.5	73.9	8.2	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS10	3/3/2020 11:57	21.8	26.6	4.0	47.6	-0.8	-0.8	-33.7	94.4	17.3	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS10	3/21/2020 10:01	28.1	27.1	0.9	43.9	-0.4	-0.3	-26.8	84.4	5.4	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS11	3/3/2020 12:03	6.9	21.9	3.2	68.0	-0.8	-0.8	-33.6	75.9	15.6	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS11	3/21/2020 9:54	28.0	24.3	2.9	44.8	-0.3	-0.3	-26.3	66.0	18.7	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS12	3/3/2020 12:07	0.1	3.1	18.5	78.3	-0.8	-0.8	-37.0	83.4	16.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS12	3/3/2020 12:08	0.1	3.1	18.4	78.4	-0.8	-0.8	-36.7	83.2	16.6	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS12	3/21/2020 9:49	22.7	18.6	11.6	47.1	-0.3	-0.3	-16.3	77.9	0.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS15	3/3/2020 12:23	6.6	15.4	7.9	70.1	-1.0	-1.0	-40.7	96.9	15.8	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS15	3/21/2020 9:36	32.9	28.2	4.3	34.6	-0.5	-0.4	-25.4	86.7	14.6	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS16	3/3/2020 12:26	3.2	14.0	8.0	74.8	-1.1	-1.0	-39.4	89.0	22.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS16	3/21/2020 9:32	33.5	28.6	5.6	32.3	-0.5	-0.4	-20.5	73.8	26.8	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS17	3/3/2020 12:28	9.9	21.4	2.4	66.3	-1.1	-1.1	-39.3	90.0	13.4	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS17	3/21/2020 9:29	57.1	36.4	1.6	4.9	-0.3	-0.5	-24.2	74.5	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS17	3/21/2020 9:30	57.2	36.5	2.1	4.2	-0.5	-0.5	-23.2	76.8	43.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMTLTS18	3/3/2020 12:30	47.4	38.6	1.5	12.5	-2.7	-2.6	-38.0	74.3	53.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMTLTS18	3/21/2020 11:33	55.4	40.8	0.8	3.0	-0.4	-1.2	-25.3	71.1	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS18	3/21/2020 11:34	55.6	40.5	0.8	3.1	-2.6	-2.5	-25.2	71.1	69.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OMTLTS19	3/3/2020 12:32	27.3	23.6	11.1	38.0	-0.7	-0.7	-39.3	72.4	18.9	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS19	3/21/2020 11:30	43.6	34.6	4.9	16.9	-0.5	-0.4	-26.2	74.8	39.1	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OMTLTS20	3/3/2020 12:35	43.9	34.8	2.5	18.8	-1.3	-0.9	-41.6	74.2	27.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS20	3/21/2020 11:27	55.9	40.5	0.6	3.0	-0.3	-0.5	-27.6	72.1	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OMTLTS20	3/21/2020 11:29	55.9	41.0	0.6	2.5	-1.0	-0.8	-27.3	72.3	44.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW133B	3/3/2020 13:17	48.2	40.7	0.8	10.3	-3.7	-3.8	-30.9	78.1	20.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW133B	3/21/2020 12:27	54.8	41.4	0.6	3.2	-2.3	-3.3	-16.2	73.8	0.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW133B	3/21/2020 12:29	54.4	41.6	0.7	3.3	-2.0	-2.0	-22.2	74.1	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW134A	3/3/2020 13:18	45.6	41.1	0.0	13.3	-5.0	-5.8	-34.1	80.5	47.3	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW134A	3/21/2020 12:25	53.1	38.5	0.7	7.7	-7.1	-10.1	-25.8	74.8	0.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW134A	3/21/2020 12:26	52.9	38.9	0.8	7.4	-7.0	-6.2	-27.2	74.8	45.3	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW134B	3/3/2020 13:19	44.0	36.4	1.4	18.2	-34.3	-34.3	-33.6	79.4	12.2	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW134B	3/21/2020 12:22	51.6	39.8	1.3	7.3	-26.1	-26.2	-26.4	73.8	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW137B	3/3/2020 11:31	49.8	37.0	2.3	10.9	-36.4	-36.0	-36.1	77.1	43.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW137B	3/21/2020 10:21	53.1	40.3	1.5	5.1	-23.8	-22.8	-22.9	73.6	54.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW140B	3/3/2020 11:38	55.3	42.2	0.1	2.4	-38.0	-37.4	-36.0	76.7	12.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW140B	3/21/2020 10:18	53.2	41.4	1.0	4.4	-20.7	-22.8	-23.0	72.0	10.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1601	3/11/2020 11:16	57.1	41.9	0.0	1.0	-13.7	-13.7	-15.9	125.2	88.1	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 80% open";Well Condition:"";Well Repairs:""
OXEW1601	3/23/2020 9:54	58.9	40.5	0.0	0.6	-15.2	-15.0	-18.4	100.8	88.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1602	3/12/2020 9:25	59.6	40.4	0.0	0.0	-16.6	-16.6	-18.0	125.1	59.2	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 80% open";Well Condition:"";Well Repairs:""
OXEW1602	3/23/2020 12:26	59.4	40.6	0.0	0.0	-20.3	-20.4	-22.5	110.1	71.2	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1602	3/23/2020 12:27	59.1	40.9	0.0	0.0	-20.6	-20.6	-22.9	111.2	58.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1603	3/11/2020 11:40	58.6	41.4	0.0	0.0	-16.4	-16.4	-18.1	124.0	88.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1603	3/23/2020 10:13	59.4	40.6	0.0	0.0	-18.0	-17.5	-19.6	93.9	110.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1604	3/11/2020 15:25	52.6	39.2	0.0	8.2	-6.7	-6.7	-19.1	129.7	47.5	Valve Adjustment:"No Change,Valve 30% open";Well Condition:"";Well Repairs:""
OXEW1604	3/23/2020 11:57	55.8	41.5	0.0	2.7	-6.8	-7.1	-21.1	107.6	39.6	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1611	3/12/2020 10:14	62.3	37.2	0.0	0.5	-19.3	-19.2	-19.2	73.8	2.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1611	3/27/2020 10:29	61.4	38.6	0.0	0.0	-23.9	-23.9	-24.2	59.8	6.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1612	3/12/2020 9:30	59.1	40.9	0.0	0.0	-4.0	-4.1	-17.9	121.3	24.0	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 30% open";Well Condition:"";Well Repairs:""
OXEW1612	3/23/2020 12:32	59.3	40.7	0.0	0.0	-5.7	-7.1	-23.2	104.5	17.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW1612	3/23/2020 12:33	59.1	40.9	0.0	0.0	-8.1	-8.1	-22.7	105.5	27.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1613	3/11/2020 15:13	56.7	39.4	0.0	3.9	-16.7	-16.7	-17.6	126.0	53.4	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 90% open";Well Condition:"";Well Repairs:""
OXEW1613	3/23/2020 11:51	57.5	41.5	0.0	1.0	-17.8	-18.0	-19.3	101.7	53.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1613	3/23/2020 11:52	57.5	41.7	0.0	0.8	-18.2	-18.2	-20.2	102.2	58.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1614	3/11/2020 14:39	57.1	38.8	0.0	4.1	-2.3	-2.4	-20.7	123.6	0.0	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 20% open";Well Condition:"";Well Repairs:""
OXEW1614	3/23/2020 11:45	57.3	40.9	0.0	1.8	-4.1	-4.3	-22.3	103.3	53.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1614	3/23/2020 11:46	57.1	41.1	0.0	1.8	-4.2	-4.4	-23.8	104.2	58.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1616	3/11/2020 14:26	55.6	38.5	0.1	5.8	-17.8	-17.8	-22.4	114.3	39.8	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 80% open";Well Condition:"";Well Repairs:""
OXEW1616	3/23/2020 11:34	57.0	41.0	0.0	2.0	-18.9	-19.6	-24.7	89.7	45.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW1616	3/23/2020 11:36	56.8	41.1	0.0	2.1	-19.7	-19.6	-24.2	90.5	47.8	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1617	3/12/2020 10:31	56.3	43.7	0.0	0.0	-0.8	-0.8	-20.0	128.3	13.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1617	3/23/2020 11:11	56.7	41.3	0.6	1.4	-1.5	-1.5	-24.2	126.7	31.3	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1618	3/6/2020 11:41	38.4	33.3	0.7	27.6	-6.3	-6.7	-18.7	128.0	67.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1618	3/23/2020 12:02	40.2	38.3	0.4	21.1	-6.9	-3.7	-22.5	134.7	61.6	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1618	3/23/2020 12:04	46.6	37.2	0.4	15.8	-2.9	-3.0	-22.3	130.1	9.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1619	3/3/2020 13:02	54.5	45.5	0.0	0.0	-32.6	-33.4	-40.5	125.8	24.1	Valve Adjustment:"Opened valve 1/2 turn to 1 turn,Valve 60% open";Well Condition:"";Well Repairs:""
OXEW1619	3/21/2020 10:48	45.7	35.1	4.3	14.9	-20.4	-17.6	-26.6	121.3	28.0	Valve Adjustment:"Closed valve >1 turn,Valve 45% open";Well Condition:"";Well Repairs:""
OXEW1619	3/21/2020 10:49	44.3	34.8	4.5	16.4	-17.0	-16.7	-26.7	120.9	26.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1620	3/3/2020 12:59	42.4	38.2	0.2	19.2	-13.0	-9.5	-38.4	113.0	13.3	Valve Adjustment:"Closed valve 1/2 turn to 1 turn,Valve 30% open";Well Condition:"";Well Repairs:""
OXEW1620	3/21/2020 10:56	57.1	40.6	0.7	1.6	-0.6	-1.1	-25.9	82.2	8.9	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW1620	3/21/2020 10:58	56.8	40.3	0.7	2.2	-3.5	-3.2	-25.8	89.2	7.1	Valve Adjustment:"No Change,Valve 30% open";Well Condition:"";Well Repairs:""
OXEW1621	3/12/2020 11:56	56.6	43.4	0.0	0.0	0.1	-0.1	-22.2	112.8	6.0	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1621	3/12/2020 11:56	56.0	44.0	0.0	0.0	-0.1	-0.1	-22.0	114.6	5.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1621	3/23/2020 12:39	54.2	41.7	0.5	3.6	-1.2	-2.1	-25.2	122.5	25.1	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW1621	3/23/2020 12:42	52.9	40.3	0.6	6.2	-2.4	-2.4	-25.2	126.1	28.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1622	3/3/2020 13:05	53.0	45.8	0.4	0.8	-3.4	-6.0	-39.3	126.2	24.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1622	3/21/2020 10:43	50.9	39.8	1.8	7.5	-8.2	-8.2	-25.4	127.6	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1623	3/12/2020 9:26	0.6	2.3	20.2	76.9	-15.0	-17.8	-18.2	68.9	0.2	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1623	3/12/2020 9:29	0.4	0.6	20.4	78.6	-18.2	-18.0	-18.2	69.0	0.2	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1623	3/27/2020 11:12	2.1	0.5	20.8	76.6	-23.6	-23.8	-23.9	51.7	0.3	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1623	3/27/2020 11:23	2.2	0.4	20.8	76.6	-23.6	-23.2	-24.0	53.1	0.4	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1624	3/12/2020 10:04	62.3	37.1	0.4	0.2	-19.4	-19.5	-19.3	73.3	0.2	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1624	3/27/2020 10:23	60.8	39.2	0.0	0.0	-23.9	-23.9	-24.0	54.4	0.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1625	3/12/2020 13:46	4.1	5.0	19.0	71.9	-8.5	-8.2	-21.0	90.8	47.6	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	3/12/2020 13:48	0.5	1.8	20.2	77.5	-7.8	-9.2	-21.4	91.2	49.3	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""
OXEW1625	3/27/2020 11:39	0.6	5.0	20.6	73.8	-19.9	-19.7	-26.3	71.9	51.5	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1625	3/27/2020 11:43	0.3	0.8	21.1	77.8	-19.9	-20.0	-26.3	73.1	56.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1626	3/12/2020 13:40	59.9	37.4	0.1	2.6	-21.3	-21.3	-21.4	79.6	0.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1626	3/12/2020 13:42	61.9	37.9	0.0	0.2	-21.1	-21.0	-21.4	79.9	1.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1626	3/27/2020 11:26	58.1	37.6	0.3	4.0	-25.9	-26.3	-26.3	66.1	2.8	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW1626	3/27/2020 11:27	62.9	37.0	0.1	0.0	-25.9	-25.9	-26.2	66.6	1.3	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1701	3/12/2020 10:42	61.0	38.8	0.0	0.2	-18.2	-18.4	-19.2	114.0	24.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1701	3/23/2020 11:09	59.8	40.2	0.0	0.0	-21.2	-21.1	-22.3	120.0	21.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	3/11/2020 13:51	60.7	39.3	0.0	0.0	-17.8	-17.8	-20.4	118.6	40.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1702	3/23/2020 11:12	59.8	40.2	0.0	0.0	-19.1	-19.0	-22.5	120.4	41.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	3/11/2020 14:00	60.4	39.6	0.0	0.0	-18.4	-18.5	-20.4	127.4	30.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1703	3/23/2020 10:53	59.4	40.6	0.0	0.0	-19.5	-19.9	-22.5	128.3	34.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	3/11/2020 13:22	61.6	38.4	0.0	0.0	-20.4	-20.4	-21.3	115.0	26.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1705	3/23/2020 10:38	59.8	40.2	0.0	0.0	-21.5	-21.6	-23.0	118.2	30.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1709	3/12/2020 9:34	64.8	35.0	0.2	0.0	-17.8	-17.8	-18.2	70.1	0.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1709	3/12/2020 9:39	64.5	35.4	0.1	0.0	-17.5	-17.8	-18.4	70.2	1.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1709	3/27/2020 9:39	61.5	38.3	0.2	0.0	-23.4	-23.4	-24.0	53.3	0.5	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW1709	3/27/2020 9:41	62.4	37.4	0.2	0.0	-23.4	-23.0	-23.8	54.7	0.8	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1710	3/12/2020 8:58	58.4	40.2	0.1	1.3	-18.8	-17.8	-19.1	66.8	8.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1710	3/12/2020 8:59	58.1	40.6	0.0	1.3	-18.2	-19.8	-18.2	67.0	3.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1710	3/27/2020 10:59	59.1	40.9	0.0	0.0	-23.9	-23.9	-24.0	53.9	5.4	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1710	3/27/2020 11:02	58.4	41.6	0.0	0.0	-24.3	-24.4	-24.6	54.2	4.9	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1711A	3/11/2020 10:40	59.0	36.9	0.8	3.3	-17.8	-17.8	-17.8	77.9	1.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1711A	3/27/2020 11:51	7.9	8.1	18.5	65.5	-25.7	-26.3	-26.2	53.7	1.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1711A	3/27/2020 11:54	8.0	4.7	18.9	68.4	-25.5	-25.8	-26.0	53.4	1.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1711A	3/30/2020 10:21	3.5	8.6	19.6	68.3	-31.7	-31.3	-31.9	80.2	1.2	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1711A	3/30/2020 10:23	1.3	2.3	20.7	75.7	-31.3	-31.7	-31.7	78.9	0.7	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1712A	3/11/2020 10:45	60.9	39.1	0.0	0.0	-18.1	-18.1	-18.3	70.5	7.4	Valve Adjustment:"Opened valve 10% or less,Valve 80% open";Well Condition:"";Well Repairs:""
OXEW1712A	3/27/2020 11:49	66.4	27.7	0.3	5.6	-26.3	-26.3	-26.4	64.1	5.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1713	3/12/2020 13:53	63.5	27.7	0.2	8.6	-19.9	-18.6	-21.7	82.6	10.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1713	3/27/2020 11:45	15.6	1.1	4.1	79.2	-24.0	-22.8	-26.3	64.7	20.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1714	3/12/2020 13:56	60.6	37.7	0.1	1.6	-22.0	-21.9	-21.7	83.2	6.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1714	3/23/2020 13:05	59.0	40.9	0.1	0.0	-24.9	-24.4	-25.0	61.1	7.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1715	3/10/2020 11:42	51.6	42.2	0.0	6.2	-1.0	-1.0	-23.1	92.3	4.8	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1715	3/26/2020 15:06	51.9	41.9	0.8	5.4	-1.1	-1.1	-29.3	91.6	6.3	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1716	3/10/2020 11:23	57.2	42.8	0.0	0.0	-19.0	-19.1	-21.5	73.2	3.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1716	3/24/2020 13:42	53.7	38.8	1.4	6.1	-21.8	-21.8	-24.0	68.5	3.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1717	3/10/2020 10:33	56.6	42.4	0.2	0.8	-19.8	-19.7	-20.3	107.0	5.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1717	3/24/2020 13:50	52.9	39.6	1.4	6.1	-23.3	-23.1	-23.5	106.0	8.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1801	3/11/2020 14:30	58.6	39.0	0.0	2.4	-19.5	-19.5	-20.7	124.7	27.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1801	3/23/2020 11:40	59.5	40.5	0.0	0.0	-21.2	-21.2	-23.1	124.4	29.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1802	3/11/2020 11:47	58.3	41.7	0.0	0.0	-17.5	-17.5	-17.9	112.5	9.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1802	3/23/2020 10:22	59.7	40.3	0.0	0.0	-20.4	-19.3	-20.0	113.8	20.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1803	3/11/2020 11:43	58.6	41.4	0.0	0.0	-18.4	-18.3	-18.3	73.9	2.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1803	3/23/2020 10:17	59.6	40.4	0.0	0.0	-19.2	-19.2	-19.6	54.3	1.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	3/11/2020 15:28	60.1	39.9	0.0	0.0	-19.5	-19.5	-20.8	123.8	30.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1804	3/23/2020 12:08	60.0	40.0	0.0	0.0	-21.8	-21.9	-23.4	120.3	25.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1805	3/6/2020 11:17	54.6	33.9	0.2	11.3	-12.3	-14.0	-20.6	74.0	36.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn,Valve 60% open";Well Condition:"";Well Repairs:""
OXEW1805	3/23/2020 12:14	58.1	41.1	0.0	0.8	-18.7	-18.7	-24.2	127.7	40.9	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1806	3/12/2020 11:47	57.8	40.4	0.0	1.8	-0.1	-0.1	-22.9	123.3	84.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1806	3/12/2020 11:48	57.6	41.7	0.0	0.7	-0.1	-0.1	-18.7	124.0	15.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1806	3/23/2020 12:22	57.3	40.9	0.5	1.3	-0.6	-1.0	-25.4	122.4	19.9	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW1806	3/23/2020 12:23	57.0	40.2	0.6	2.2	-1.1	-1.2	-24.3	122.0	35.0	Valve Adjustment:"No Change,Valve 30% open";Well Condition:"";Well Repairs:""
OXEW1807	3/6/2020 11:48	56.6	40.2	0.0	3.2	-8.7	-9.1	-20.6	62.0	92.4	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1807	3/11/2020 14:04	60.2	38.6	0.0	1.2	-10.2	-10.2	-21.8	126.7	67.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1807	3/23/2020 11:22	59.2	40.8	0.0	0.0	-10.6	-10.5	-24.5	128.9	69.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1808	3/11/2020 13:36	60.3	39.7	0.0	0.0	1.9	1.9	1.1	111.6	19.2	Valve Adjustment:"NSPS/CAI,Opened valve 10% or less";Well Condition:"Header vacuum loss";Well Repairs:""
OXEW1808	3/11/2020 13:38	60.0	40.0	0.0	0.0	1.9	1.9	1.4	111.7	19.7	Valve Adjustment:"NSPS,Valve 100% open";Well Condition:"Header vacuum loss";Well Repairs:""
OXEW1808	3/24/2020 12:17	56.5	39.6	0.6	3.3	2.6	2.6	2.2	113.9	15.9	Valve Adjustment:"NSPS,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1808	3/24/2020 12:18	58.2	40.1	0.5	1.2	2.4	2.6	2.2	114.0	12.2	Valve Adjustment:"NSPS";Well Condition:"Header vacuum loss";Well Repairs:""
OXEW1808	3/27/2020 10:19	58.7	41.3	0.0	0.0	1.4	1.4	0.7	113.0	18.5	Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1809	3/11/2020 11:10	57.2	42.7	0.1	0.0	-11.3	-11.3	-19.4	120.2	59.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1809	3/23/2020 9:49	60.6	39.1	0.3	0.0	-12.5	-12.5	-21.8	125.3	62.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1809	3/27/2020 10:05	58.8	41.2	0.0	0.0	1.4	1.4	0.6	112.9	23.1	Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1809	3/30/2020 10:13	59.5	39.7	0.1	0.7	-16.1	-16.1	-28.1	124.3	69.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1810	3/10/2020 10:51	53.2	34.6	0.2	12.0	-21.0	-21.3	-21.3	67.0	5.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1810	3/24/2020 13:12	57.7	32.2	1.5	8.6	-23.5	-22.8	-23.5	50.5	7.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1811	3/12/2020 10:01	57.8	40.6	0.6	1.0	-17.3	-17.3	-18.4	65.1	9.7	Valve Adjustment:"Opened valve 10% or less,Valve 85% open";Well Condition:"";Well Repairs:""
OXEW1811	3/23/2020 10:38	53.2	36.8	1.9	8.1	-21.3	-21.4	-22.8	56.5	30.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1812	3/12/2020 11:14	58.1	41.3	0.5	0.1	-6.0	-6.0	-21.3	123.4	28.5	Valve Adjustment:"Opened valve 10% or less,Valve 35% open";Well Condition:"";Well Repairs:""
OXEW1812	3/24/2020 11:55	52.9	36.6	1.6	8.9	-7.1	-8.0	-20.2	121.6	27.7	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW1812	3/24/2020 11:59	52.8	36.5	1.5	9.2	-9.0	-9.2	-20.9	122.2	35.3	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1813	3/11/2020 14:14	60.4	39.4	0.0	0.2	-20.5	-20.5	-21.6	120.0	22.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1813	3/23/2020 11:28	59.3	40.7	0.0	0.0	-22.3	-22.4	-23.5	121.2	23.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1815	3/12/2020 11:23	61.1	38.9	0.0	0.0	-2.0	-2.0	-22.8	124.8	19.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1815	3/12/2020 11:26	61.2	38.8	0.0	0.0	-2.0	-2.0	-23.0	125.0	18.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1815	3/23/2020 12:03	60.4	38.9	0.7	0.0	-3.1	-3.9	-26.2	125.1	21.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1815	3/23/2020 12:04	59.5	37.9	0.7	1.9	-4.4	-4.4	-27.0	125.1	26.9	Valve Adjustment:"No Change,Valve 35% open";Well Condition:"";Well Repairs:""
OXEW1816	3/11/2020 13:42	60.4	39.6	0.0	0.0	-11.3	-11.3	-22.1	112.1	83.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1816	3/23/2020 11:01	60.1	39.9	0.0	0.0	-12.1	-12.1	-25.2	114.7	90.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1817	3/12/2020 9:52	59.5	40.3	0.0	0.2	3.2	3.1	2.1	106.1	22.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1817	3/12/2020 9:53	59.4	40.4	0.0	0.2	3.1	3.2	2.7	106.0	22.8	Valve Adjustment:"NSPS/CAI,No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1817	3/12/2020 14:03	59.3	40.7	0.0	0.0	3.3	3.3	2.2	101.7	23.3	Valve Adjustment:"NSPS/CAI,Opened valve 10% or less";Well Condition:"";Well Repairs:""
OXEW1817	3/12/2020 14:05	59.6	40.4	0.0	0.0	3.4	3.4	2.3	101.8	23.3	Valve Adjustment:"NSPS,Valve 100% open";Well Condition:"Header vacuum loss";Well Repairs:""
OXEW1817	3/27/2020 10:01	59.4	40.6	0.0	0.0	2.1	2.3	1.3	102.2	24.6	Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1817	3/27/2020 10:04	59.0	41.0	0.0	0.0	2.1	2.2	1.0	102.3	25.5	Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1818	3/12/2020 9:48	60.5	39.4	0.0	0.1	-13.1	-13.1	-20.2	104.4	65.6	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1818	3/27/2020 9:56	59.4	40.6	0.0	0.0	-17.5	-17.5	-26.8	105.5	73.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1819	3/6/2020 11:57	51.9	37.3	0.8	10.0	-10.3	-11.3	-23.0	99.0	39.2	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW1819	3/27/2020 9:53	59.9	40.0	0.1	0.0	-23.7	-23.1	-26.2	104.1	28.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1820	3/12/2020 9:41	61.6	36.7	0.0	1.7	-18.9	-19.8	-20.0	110.3	42.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1820	3/27/2020 9:49	60.7	39.3	0.0	0.0	-25.9	-24.3	-26.4	107.7	13.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1821	3/10/2020 11:07	25.8	24.8	0.0	49.4	-4.3	-4.3	-22.0	66.8	0.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1821	3/24/2020 12:53	26.0	21.0	1.2	51.8	-3.2	-3.1	-20.5	49.1	1.0	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1822	3/10/2020 11:09	14.5	22.7	0.8	62.0	-17.8	-17.8	-22.0	66.9	0.7	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1822	3/24/2020 12:56	12.4	18.7	2.2	66.7	-15.7	-15.7	-20.2	48.9	0.9	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1823	3/10/2020 11:11	6.4	20.5	3.1	70.0	-7.0	-7.0	-22.0	67.7	1.2	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1823	3/24/2020 13:03	7.2	16.4	5.4	71.0	-18.8	-4.3	-21.5	54.5	3.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1823	3/24/2020 13:04	6.8	14.5	4.9	73.8	-1.3	-1.3	-22.5	51.6	0.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1824	3/10/2020 11:17	53.5	30.8	1.8	13.9	-22.0	-22.0	-22.1	70.4	4.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1824	3/24/2020 13:21	49.8	28.0	3.2	19.0	-23.4	-23.4	-23.8	51.1	18.8	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1825	3/10/2020 10:49	43.3	37.4	0.1	19.2	-20.4	-20.5	-20.8	66.6	6.8	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1825	3/24/2020 13:09	51.2	34.0	1.5	13.3	-23.3	-23.1	-24.2	60.8	7.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1826	3/12/2020 11:51	57.1	42.0	0.0	0.9	-0.5	-0.6	-22.4	72.0	1.1	Valve Adjustment:"Valve at minimum position,Opened valve 10% or less";Well Condition:"";Well Repairs:""
OXEW1826	3/24/2020 12:03	57.9	39.0	0.8	2.3	-0.9	-1.3	-21.5	55.2	0.5	Valve Adjustment:"Opened valve 1/2 turn to 1 turn,Valve 10% open";Well Condition:"";Well Repairs:""
OXEW1826	3/24/2020 12:04	57.8	38.4	0.7	3.1	-1.6	-1.6	-21.2	66.4	6.9	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1901	3/3/2020 12:52	56.2	43.7	0.0	0.1	-40.7	-40.7	-40.0	84.8	1.2	Valve Adjustment:"No Change,Valve 60% open";Well Condition:"";Well Repairs:""
OXEW1901	3/21/2020 11:05	54.1	40.7	1.0	4.2	-25.1	-25.1	-26.4	69.1	8.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1902	3/11/2020 13:57	49.0	35.2	0.0	15.8	-3.4	-3.4	-21.3	80.6	18.7	Valve Adjustment:"No Change,Valve 20% open";Well Condition:"";Well Repairs:""
OXEW1902	3/23/2020 10:55	56.5	41.4	0.0	2.1	-4.0	-4.0	-23.2	62.3	19.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1902	3/23/2020 10:56	56.8	40.8	0.0	2.4	-4.1	-4.0	-23.5	63.0	21.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1904	3/11/2020 13:30	61.6	38.4	0.0	0.0	-10.3	-10.3	-20.9	108.9	69.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1904	3/23/2020 10:48	59.9	40.1	0.0	0.0	-11.1	-11.1	-21.9	93.1	74.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1906	3/11/2020 13:26	61.5	38.5	0.0	0.0	-19.1	-19.1	-19.3	101.8	17.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1906	3/23/2020 10:47	60.1	39.9	0.0	0.0	-17.5	-13.1	-22.1	100.4	38.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1908	3/11/2020 11:54	58.7	41.3	0.0	0.0	-9.6	-9.6	-18.1	100.2	76.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1908	3/27/2020 10:36	60.5	39.5	0.0	0.0	-11.6	-11.5	-21.7	103.1	80.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1909	3/12/2020 9:14	62.5	35.1	0.2	2.2	-17.1	-17.2	-17.2	101.8	11.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1909	3/12/2020 9:15	61.0	38.9	0.1	0.0	-17.2	-17.1	-17.4	102.0	12.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXEW1909	3/27/2020 10:54	61.5	38.5	0.0	0.0	-22.2	-22.4	-23.0	100.2	11.9	Valve Adjustment:"Valve 100% open,Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW1909	3/27/2020 10:58	60.3	39.7	0.0	0.0	-22.2	-22.4	-22.8	101.0	7.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1910	3/11/2020 11:59	57.6	42.4	0.0	0.0	-11.3	-11.3	-21.8	109.0	67.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1910	3/27/2020 10:39	59.0	41.0	0.0	0.0	-13.1	-12.9	-24.2	111.2	71.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1911	3/12/2020 9:21	59.3	40.2	0.5	0.0	-3.7	-3.8	-20.4	128.8	15.9	Valve Adjustment:"Opened valve 10% or less,Valve 30% open";Well Condition:"";Well Repairs:""
OXEW1911	3/23/2020 12:20	57.8	40.5	0.5	1.2	-6.1	-6.4	-25.1	126.8	18.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1911	3/23/2020 12:20	58.1	40.3	0.5	1.1	-6.9	-6.7	-24.9	127.5	19.3	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1912	3/11/2020 11:30	56.1	41.9	0.0	2.0	-6.8	-6.8	-22.7	120.7	42.5	Valve Adjustment:"Opened valve 10% or less,Valve 45% open";Well Condition:"";Well Repairs:""
OXEW1912	3/23/2020 10:01	57.2	40.3	0.0	2.5	-7.3	-7.8	-25.9	120.7	49.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1912	3/23/2020 10:02	57.2	40.8	0.0	2.0	-7.8	-7.6	-25.7	121.1	50.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1913	3/12/2020 11:04	58.0	42.0	0.0	0.0	-0.1	-0.2	-21.9	91.4	17.1	Valve Adjustment:"Opened valve 10% or less,Valve 20% open";Well Condition:"";Well Repairs:""
OXEW1913	3/24/2020 11:48	56.9	40.1	0.7	2.3	-0.3	-0.8	-21.8	90.3	18.6	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXEW1913	3/24/2020 11:50	57.0	40.0	0.7	2.3	-0.9	-0.9	-21.6	90.9	30.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1914	3/12/2020 9:41	57.9	42.1	0.0	0.0	-20.0	-20.1	-20.1	105.8	4.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXEW1914	3/23/2020 10:21	55.2	39.3	1.4	4.1	-24.7	-24.4	-24.9	104.2	10.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1915	3/10/2020 10:19	56.8	42.1	0.1	1.0	-4.4	-4.4	-22.0	63.4	2.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1915	3/24/2020 13:56	49.1	38.4	0.8	11.7	-7.2	-7.2	-25.3	62.6	10.5	Valve Adjustment:"No Change,Valve 5% open";Well Condition:"";Well Repairs:""
OXEW1916	3/11/2020 9:39	57.5	42.5	0.0	0.0	-0.5	-0.7	-20.7	68.9	2.6	Valve Adjustment:"Valve at minimum position,Opened valve 10% or less";Well Condition:"";Well Repairs:""
OXEW1916	3/26/2020 12:10	52.9	40.0	1.9	5.2	-24.9	-24.6	-25.5	54.5	6.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1917	3/11/2020 10:00	2.9	2.5	20.0	74.6	-21.5	-21.5	-21.5	75.6	7.4	Valve Adjustment:"NSPS/CAI,Closed valve 10% or less,Valve 75% open";Well Condition:"";Well Repairs:""
OXEW1917	3/26/2020 12:44	3.0	3.3	19.8	73.9	-25.9	-20.5	-25.9	54.1	17.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXEW1917	3/26/2020 12:46	3.5	3.6	19.5	73.4	-20.8	-21.2	-25.8	56.1	20.5	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""
OXEW1918	3/10/2020 10:54	9.5	11.5	14.7	64.3	-4.1	-3.7	-22.0	90.1	3.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1918	3/10/2020 10:54	9.3	10.3	14.7	65.7	-3.7	-3.9	-21.7	88.5	10.3	Valve Adjustment:"NSPS,No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1918	3/23/2020 13:27	61.6	37.1	0.0	1.3	-0.2	-2.4	-25.0	59.8	0.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEW1918	3/23/2020 13:28	61.6	37.8	0.0	0.6	-2.6	-2.6	-25.0	64.6	5.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1919	3/10/2020 11:14	24.3	29.0	0.0	46.7	-21.3	-21.4	-22.0	78.7	6.7	Valve Adjustment:"No Change,Valve 50% open";Well Condition:"";Well Repairs:""
OXEW1919	3/24/2020 12:58	24.3	27.3	1.4	47.0	-20.1	-20.4	-20.5	70.7	13.8	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXEW1920	3/10/2020 11:01	29.9	25.5	0.6	44.0	-0.6	-0.8	-21.7	68.4	4.7	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1920	3/24/2020 12:50	25.3	22.7	1.1	50.9	-0.1	-0.1	-20.2	46.6	8.7	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXEW1921	3/10/2020 11:20	57.9	37.0	0.0	5.1	-22.0	-22.0	-22.7	106.2	14.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW1921	3/24/2020 13:27	54.2	38.8	1.4	5.6	-22.9	-22.1	-24.0	105.6	28.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW326A	3/11/2020 10:51	62.2	37.8	0.0	0.0	-17.8	-17.8	-17.6	70.5	4.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEW326A	3/27/2020 11:32	62.7	37.3	0.0	0.0	-25.6	-25.7	-26.0	55.8	5.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXEWHC6A	3/10/2020 10:21	21.6	22.8	11.1	44.5	-2.6	-4.9	-21.8	63.9	7.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXEWHC6A	3/24/2020 14:04	19.9	18.4	12.5	49.2	-3.6	-3.7	-24.9	57.0	7.5	Valve Adjustment:"No Change";Well Condition:"Oxygen HOV 20%";Well Repairs:""
OXHC1901	3/12/2020 9:07	8.5	5.1	17.6	68.8	-18.8	-18.8	-18.6	63.0	0.3	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXHC1901	3/12/2020 9:13	5.8	4.0	18.6	71.6	-18.2	-18.2	-18.2	63.0	0.4	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXHC1901	3/27/2020 11:04	0.5	2.6	20.8	76.1	-15.2	-24.4	-24.6	54.4	0.1	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXHC1901	3/27/2020 11:10	0.3	0.7	21.2	77.8	-24.3	-23.8	-24.6	55.0	0.5	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXHC1922	3/11/2020 11:24	48.2	37.6	2.5	11.7	-2.1	-2.1	-21.0	90.1	73.3	Valve Adjustment:"No Change,Valve 65% open";Well Condition:"";Well Repairs:""
OXHC1922	3/27/2020 10:48	47.9	36.7	3.5	11.9	-2.4	-2.0	-25.5	70.3	34.9	Valve Adjustment:"Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXHC1922	3/27/2020 10:53	47.9	36.4	3.6	12.1	-2.0	-2.0	-26.5	69.8	31.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXLCR4A1	3/10/2020 11:36	53.9	43.2	1.6	1.3	-1.1	-2.0	-23.1	74.1	33.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXLCR4A1	3/26/2020 14:46	37.3	28.1	7.5	27.1	-3.0	-1.9	-30.5	65.7	56.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXLCR4A1	3/26/2020 14:48	36.8	28.1	7.5	27.6	-2.1	-1.9	-29.4	65.8	37.6	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""
OXLCR4A1	3/30/2020 9:33	42.9	33.4	5.3	18.4	-1.4	-1.1	-35.9	62.8	38.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXLCR4A1	3/30/2020 9:35	43.0	32.4	5.5	19.1	-1.0	-0.9	-34.2	62.6	28.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXLCR4A2	3/10/2020 11:38	50.6	39.9	2.9	6.6	-1.0	-1.0	-24.2	75.0	50.9	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXLCR4A2	3/26/2020 14:49	37.0	28.1	7.4	27.5	-1.5	-0.9	-28.9	64.2	22.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXLCR4A2	3/26/2020 14:52	37.2	28.5	7.3	27.0	-1.0	-1.0	-28.4	63.3	17.5	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""
OXLCR4A2	3/30/2020 9:39	44.8	32.6	4.9	17.7	-0.6	-0.6	-34.1	60.6	77.3	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""
OXLCR4B1	3/10/2020 11:34	55.9	44.1	0.0	0.0	-0.6	-2.2	-23.8	75.4	30.8	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXLCR4B1	3/26/2020 14:54	40.2	32.0	6.2	21.6	-4.1	-2.0	-33.0	70.7	77.3	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXLCR4B1	3/26/2020 14:55	41.1	32.9	5.8	20.2	-2.1	-2.1	-29.6	71.2	45.9	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""
OXLCR4B1	3/30/2020 9:42	44.4	33.2	4.8	17.6	-2.0	-1.7	-36.1	65.9	46.9	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXLCR4B1	3/30/2020 9:45	44.4	33.4	4.9	17.3	-1.7	-1.7	-36.2	65.7	43.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXLCR4B2	3/10/2020 11:34	56.0	44.0	0.0	0.0	-1.3	-2.4	-26.7	75.9	70.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXLCR4B2	3/26/2020 14:57	42.2	33.3	5.5	19.0	-2.5	-1.2	-32.5	68.9	56.3	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXLCR4B2	3/26/2020 14:58	43.7	34.5	4.9	16.9	-1.3	-1.2	-30.0	69.4	36.3	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXLCRS07	3/12/2020 10:24	62.3	37.7	0.0	0.0	-3.0	-2.9	-23.7	80.8	119.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS07	3/26/2020 15:55	59.2	40.1	0.7	0.0	-4.5	-4.5	-32.1	77.4	135.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3A	3/3/2020 11:28	57.1	40.0	0.0	2.9	-30.4	-30.0	-37.6	95.0	126.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3A	3/21/2020 10:23	54.8	40.8	0.8	3.6	-16.3	-19.9	-23.2	91.4	134.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3B	3/3/2020 11:28	57.2	41.5	0.0	1.3	-33.0	-33.6	-38.2	94.8	130.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS3B	3/21/2020 10:24	54.4	40.4	0.8	4.4	-16.3	-14.5	-23.3	91.4	142.7	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS7B	3/12/2020 10:21	62.5	37.5	0.0	0.0	-3.0	-2.5	-19.7	80.5	119.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXLCRS7B	3/26/2020 15:57	59.3	40.0	0.7	0.0	-4.5	-4.4	-30.4	77.5	135.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME302D	3/12/2020 11:14	56.7	37.0	0.8	5.5	-17.9	-18.5	-22.2	98.9	30.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXME302D	3/12/2020 11:15	57.9	37.5	0.9	3.7	-18.5	-18.5	-22.2	100.1	28.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME302D	3/23/2020 12:00	55.3	35.9	1.9	6.9	-21.2	-21.0	-25.7	119.5	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXME305D	3/12/2020 11:27	48.8	37.2	2.9	11.1	-5.6	-5.4	-22.2	130.3	8.8	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXME305D	3/23/2020 12:12	48.4	33.9	4.2	13.5	-7.1	-6.1	-24.6	131.7	12.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXME305D	3/23/2020 12:13	45.5	32.5	4.2	17.8	-5.4	-5.5	-25.2	129.7	5.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXME306D	3/3/2020 12:48	53.2	43.3	0.0	3.5	-26.3	-26.3	-40.5	127.4	28.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME306D	3/21/2020 11:13	55.5	40.2	0.8	3.5	-13.6	-13.6	-26.0	126.7	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXME306D	3/21/2020 11:15	55.3	40.8	1.1	2.8	-15.0	-14.4	-25.7	126.9	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXME308D	3/12/2020 10:48	57.9	42.0	0.1	0.0	-11.5	-11.5	-21.6	121.8	11.6	Valve Adjustment:"Opened valve 10% or less,Valve 30% open";Well Condition:"";Well Repairs:""
OXME308D	3/23/2020 11:30	56.3	39.5	1.2	3.0	-18.2	-19.7	-25.6	120.6	11.8	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXME308D	3/23/2020 11:33	55.4	38.5	1.3	4.8	-20.6	-20.6	-26.0	121.8	17.5	Valve Adjustment:"No Change,Valve 40% open";Well Condition:"";Well Repairs:""
OXME312D	3/12/2020 10:36	39.2	36.3	0.0	24.5	-4.1	-3.9	-20.0	119.5	17.0	Valve Adjustment:"Closed valve 1/2 turn or less,Valve 20% open";Well Condition:"";Well Repairs:""
OXME312D	3/23/2020 11:16	50.1	36.0	0.7	13.2	-4.2	-4.1	-24.6	117.9	9.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXME316D	3/12/2020 9:50	59.4	40.5	0.1	0.0	-16.9	-16.9	-17.6	124.3	39.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME316D	3/23/2020 10:31	49.7	34.4	1.6	14.3	-20.9	-20.6	-21.9	124.9	17.6	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXME317D	3/12/2020 9:56	58.8	40.9	0.3	0.0	-18.4	-18.3	-18.3	76.5	9.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXME317D	3/23/2020 10:36	56.6	39.2	1.3	2.9	-22.6	-22.4	-22.9	73.6	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW113	3/3/2020 13:15	44.4	38.4	1.2	16.0	-20.7	-19.3	-37.0	77.4	11.8	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW113	3/21/2020 12:19	48.2	37.6	1.3	12.9	-13.0	-12.5	-26.6	74.8	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW122	3/3/2020 14:13	53.4	40.5	1.1	5.0	-28.4	-28.1	-27.7	85.8	5.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW122	3/21/2020 9:39	56.0	40.4	0.9	2.7	-26.1	-25.9	-25.9	61.9	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW126	3/3/2020 13:44	57.0	43.0	0.0	0.0	-26.3	-26.0	-25.8	75.9	9.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW126	3/21/2020 11:58	55.2	38.9	1.2	4.7	-25.8	-25.1	-26.3	60.1	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW138	3/3/2020 11:34	43.7	37.1	0.0	19.2	-3.5	-3.6	-34.5	76.3	7.6	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW138	3/21/2020 10:15	53.4	36.5	1.4	8.7	-1.5	-1.2	-24.3	73.0	9.8	Valve Adjustment:"No Change,Valve 15% open";Well Condition:"";Well Repairs:""
OXMEW145	3/3/2020 13:27	53.2	45.7	0.1	1.0	-28.7	-28.2	-28.7	104.3	13.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW145	3/21/2020 12:31	53.0	40.7	1.2	5.1	-25.8	-26.2	-26.8	103.3	20.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	3/10/2020 10:23	54.9	41.3	0.2	3.6	-21.6	-21.7	-21.4	61.6	8.3	Valve Adjustment:"Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW156	3/24/2020 14:07	53.7	40.1	1.4	4.8	-25.5	-25.8	-25.3	58.6	30.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW158	3/3/2020 13:49	46.7	45.1	0.1	8.1	-17.4	-15.7	-24.9	72.7	7.4	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW158	3/21/2020 11:51	53.8	42.1	0.6	3.5	-0.8	-3.9	-26.8	60.8	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW158	3/21/2020 11:52	53.1	40.9	0.7	5.3	-4.0	-3.5	-26.9	60.4	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW159	3/3/2020 13:48	48.8	42.5	0.1	8.6	-20.4	-20.4	-25.4	71.8	9.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW159	3/21/2020 11:54	52.8	41.3	1.1	4.8	-18.1	-20.4	-26.3	65.8	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW159	3/21/2020 11:57	51.2	40.8	1.2	6.8	-23.9	-23.8	-26.8	66.2	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW162	3/3/2020 12:01	52.4	30.3	1.9	15.4	-31.4	-32.4	-40.3	80.1	6.1	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW162	3/21/2020 9:57	45.2	29.9	4.2	20.7	-17.4	-17.7	-25.2	62.8	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW164	3/3/2020 12:11	23.6	20.6	4.0	51.8	-35.9	-36.0	-40.3	82.3	15.8	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW164	3/21/2020 9:45	7.5	5.8	19.0	67.7	-24.9	-9.4	-24.8	54.7	0.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW164	3/21/2020 9:47	5.0	4.4	20.7	69.9	-10.6	-10.6	-24.7	54.9	0.0	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW164	3/30/2020 10:58	1.1	0.5	21.1	77.3	54.0	-28.0	-28.4	73.1	5.1	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW164	3/30/2020 11:01	35.6	18.9	5.7	39.8	-27.9	-22.2	-28.2	70.7	16.9	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW170	3/10/2020 10:57	62.6	30.5	1.0	5.9	-22.3	-22.0	-22.5	63.9	2.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW170	3/24/2020 13:17	58.1	29.9	2.3	9.7	-23.3	-23.5	-23.5	50.4	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW173	3/10/2020 10:30	49.6	40.7	0.5	9.2	-7.5	-7.3	-19.8	117.6	55.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW173	3/24/2020 13:37	53.8	40.3	0.9	5.0	-8.0	-9.0	-22.1	117.5	57.9	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW173	3/24/2020 13:38	53.6	40.6	1.0	4.8	-9.3	-9.2	-22.2	117.5	63.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW174	3/10/2020 10:27	56.6	39.6	0.7	3.1	-13.3	-13.3	-22.0	61.5	8.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW174	3/24/2020 14:11	54.6	37.8	1.5	6.1	-13.7	-20.8	-25.0	52.3	0.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW174	3/24/2020 14:13	53.2	36.8	1.7	8.3	-23.1	-22.8	-25.0	54.5	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW175	3/10/2020 10:35	54.2	42.7	0.0	3.1	-21.2	-21.1	-22.1	80.4	10.0	Valve Adjustment:"Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW175	3/24/2020 14:00	50.1	38.2	1.2	10.5	-24.5	-24.5	-24.9	79.9	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW176	3/10/2020 11:44	49.6	43.7	0.0	6.7	-11.1	-11.1	-19.5	113.2	37.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW176	3/26/2020 15:09	51.3	39.5	1.1	8.1	-13.0	-13.0	-26.6	113.2	15.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW181	3/12/2020 11:09	57.4	42.6	0.0	0.0	-20.6	-20.7	-21.5	114.6	60.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW181	3/24/2020 11:52	52.6	39.0	1.4	7.0	-20.0	-17.9	-20.9	115.2	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW182	3/12/2020 10:11	59.8	40.2	0.0	0.0	-15.2	-15.2	-16.6	119.8	36.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW182	3/23/2020 10:46	57.6	38.1	1.2	3.1	-18.2	-17.9	-23.3	119.5	56.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW183	3/12/2020 11:18	56.9	42.8	0.0	0.3	-5.0	-5.0	-20.4	120.4	86.6	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 30% open";Well Condition:"";Well Repairs:""
OXMEW183	3/26/2020 15:42	53.9	42.4	0.9	2.8	-5.3	-7.6	-25.3	119.8	43.5	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW183	3/26/2020 15:43	52.0	40.3	0.9	6.8	-8.1	-8.5	-24.9	120.2	50.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW184	3/12/2020 12:02	47.7	40.7	0.0	11.6	0.0	-0.1	-22.2	126.3	14.8	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW184	3/23/2020 13:01	50.3	37.0	0.7	12.0	-0.6	-0.6	-24.7	124.2	36.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW185	3/12/2020 12:06	51.9	43.7	0.0	4.4	-0.2	-0.2	-21.4	121.5	19.9	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW185	3/23/2020 12:57	53.1	39.5	0.6	6.8	-0.8	-1.4	-24.8	119.8	11.4	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW185	3/23/2020 12:59	53.1	38.4	0.6	7.9	-1.6	-1.5	-24.6	121.6	23.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW186	3/12/2020 10:23	51.4	41.8	0.2	6.6	-0.4	-0.5	-20.0	124.3	2.9	Valve Adjustment:"No Change,Valve 25% open";Well Condition:"";Well Repairs:""
OXMEW186	3/23/2020 11:06	52.3	39.6	1.4	6.7	-1.2	-2.1	-25.2	120.0	6.9	Valve Adjustment:"Opened valve >1 turn,Valve 35% open";Well Condition:"";Well Repairs:""
OXMEW186	3/23/2020 11:08	53.2	40.2	1.1	5.5	-2.5	-2.5	-24.8	127.8	22.9	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW187	3/12/2020 11:28	45.3	41.3	0.0	13.4	-0.2	-0.2	-21.2	117.5	31.1	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW187	3/23/2020 12:43	51.7	40.1	0.5	7.7	-1.4	-1.4	-24.3	112.8	28.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW188	3/12/2020 11:43	53.0	42.6	0.0	4.4	-0.7	-0.7	-13.9	111.2	14.6	Valve Adjustment:"No Change,Valve 10% open";Well Condition:"";Well Repairs:""
OXMEW188	3/23/2020 12:35	53.1	38.9	0.6	7.4	-1.7	-2.3	-24.9	109.2	9.2	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW188	3/23/2020 12:37	53.1	37.8	0.6	8.5	-2.7	-2.6	-24.9	112.6	28.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW189	3/6/2020 12:00	50.8	38.9	0.0	10.3	-2.6	-3.8	-20.6	118.1	23.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW189	3/12/2020 11:39	56.1	43.4	0.0	0.5	-2.3	-2.4	-21.1	121.3	20.0	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 20% open";Well Condition:"";Well Repairs:""
OXMEW189	3/23/2020 12:27	56.6	39.5	0.7	3.2	-3.6	-4.3	-24.7	119.5	20.4	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW189	3/23/2020 12:29	56.1	39.0	0.8	4.1	-5.1	-5.1	-23.8	120.7	34.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW190	3/12/2020 10:40	56.3	41.2	0.3	2.2	-12.3	-12.5	-22.1	123.4	45.8	Valve Adjustment:"Opened valve 10% or less,Valve 60% open";Well Condition:"";Well Repairs:""
OXMEW190	3/23/2020 11:20	56.1	38.1	1.3	4.5	-14.9	-15.5	-25.9	122.7	52.5	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW190	3/23/2020 11:21	53.3	36.3	1.4	9.0	-16.2	-15.9	-24.9	122.9	56.8	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW191	3/10/2020 11:26	56.1	43.9	0.0	0.0	-0.9	-0.7	-21.5	128.8	80.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW191	3/24/2020 13:46	42.4	34.9	3.4	19.3	-13.3	-12.3	-25.2	125.8	43.0	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW191	3/24/2020 13:47	41.3	34.3	3.5	20.9	-12.7	-12.4	-25.2	125.2	36.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW192	3/10/2020 11:28	55.2	44.8	0.0	0.0	-21.7	-21.7	-23.0	105.8	33.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW192	3/24/2020 14:37	52.9	39.4	1.1	6.6	-25.7	-25.5	-26.8	106.2	29.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW194	3/12/2020 11:57	54.6	40.9	0.5	4.0	-19.7	-19.7	-21.4	88.5	15.7	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 80% open";Well Condition:"";Well Repairs:""
OXMEW194	3/24/2020 12:00	53.4	36.9	1.4	8.3	-19.7	-19.4	-20.7	84.7	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW196	3/12/2020 10:15	58.7	39.9	0.1	1.3	-4.5	-4.5	-19.6	106.9	8.9	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 20% open";Well Condition:"";Well Repairs:""
OXMEW196	3/23/2020 10:57	58.3	38.3	0.8	2.6	-5.2	-6.4	-24.0	102.9	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW196	3/23/2020 11:00	57.5	37.4	0.8	4.3	-7.1	-7.0	-23.8	109.6	20.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW199	3/12/2020 10:19	53.6	39.4	0.0	7.0	-5.6	-5.6	-19.7	122.0	30.0	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 30% open";Well Condition:"";Well Repairs:""
OXMEW199	3/23/2020 11:02	55.6	37.5	0.8	6.1	-7.4	-8.1	-24.7	121.3	33.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW199	3/23/2020 11:04	53.9	36.8	0.9	8.4	-8.6	-8.5	-24.9	121.8	56.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW200	3/12/2020 11:24	55.4	44.6	0.0	0.0	-0.1	-0.1	-20.8	115.0	0.0	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 10% open";Well Condition:"";Well Repairs:""
OXMEW200	3/23/2020 12:46	51.1	38.5	0.5	9.9	-1.4	-1.4	-24.2	121.1	20.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW201	3/12/2020 12:01	46.4	42.0	0.0	11.6	-0.2	-0.1	-20.8	100.4	13.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW201	3/12/2020 13:57	45.6	37.1	0.0	17.3	-0.2	-0.2	-22.4	108.5	9.5	Valve Adjustment:"Closed valve 1/2 turn or less,Valve 5% open";Well Condition:"";Well Repairs:""
OXMEW201	3/23/2020 12:54	50.1	35.8	0.6	13.5	-0.2	-0.2	-24.8	103.3	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW203	3/3/2020 13:12	35.5	30.3	0.7	33.5	-30.6	-29.4	-38.4	87.0	3.6	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW203	3/21/2020 10:35	51.7	31.9	1.3	15.1	-16.7	-16.7	-25.8	78.4	8.6	Valve Adjustment:"No Change,Valve 15% open";Well Condition:"";Well Repairs:""
OXMEW204	3/3/2020 13:08	55.1	44.9	0.0	0.0	-1.1	-12.0	-35.5	108.6	5.5	Valve Adjustment:"Opened valve 1/2 turn to 1 turn,Valve 20% open";Well Condition:"";Well Repairs:""
OXMEW204	3/21/2020 10:39	49.5	37.4	0.7	12.4	-10.9	-10.6	-23.1	107.8	29.5	Valve Adjustment:"No Change,Valve 20% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW205	3/12/2020 11:33	53.5	46.5	0.0	0.0	0.0	-0.1	-21.5	128.7	20.3	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 10% open";Well Condition:"";Well Repairs:""
OXMEW205	3/23/2020 12:31	51.9	39.5	0.5	8.1	-0.9	-0.4	-24.5	135.9	13.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW205	3/23/2020 12:34	50.7	39.8	0.6	8.9	-0.4	-0.4	-24.9	128.5	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW209	3/12/2020 10:48	59.1	40.2	0.0	0.7	-13.9	-13.9	-23.5	129.6	36.9	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW209	3/12/2020 13:44	58.7	41.3	0.0	0.0	-15.0	-15.0	-24.6	130.2	35.8	Valve Adjustment:"Opened valve 10% or less,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEW209	3/23/2020 11:36	56.9	39.7	1.2	2.2	-17.2	-13.2	-27.4	135.1	38.7	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn,Valve 10% open";Well Condition:"";Well Repairs:""
OXMEW209	3/23/2020 11:39	54.0	38.3	1.8	5.9	-12.8	-12.6	-26.4	126.1	9.0	Valve Adjustment:"No Change,Valve 10% open";Well Condition:"";Well Repairs:""
OXMEW210	3/3/2020 12:43	55.1	40.5	0.0	4.4	-30.4	-31.0	-41.3	126.4	43.6	Valve Adjustment:"Valve 100% open,Opened valve >1 turn";Well Condition:"";Well Repairs:""
OXMEW210	3/21/2020 11:19	55.7	39.3	1.1	3.9	-17.7	-18.0	-27.9	126.7	0.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW210	3/21/2020 11:20	52.8	37.1	1.1	9.0	-18.0	-17.4	-28.2	126.9	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW300	3/12/2020 11:07	62.6	37.4	0.0	0.0	-21.2	-21.5	-21.9	111.2	16.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW300	3/23/2020 11:49	58.6	37.1	1.4	2.9	-24.7	-24.6	-25.3	105.4	20.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW301	3/12/2020 11:00	61.6	37.9	0.5	0.0	-17.5	-17.5	-22.2	105.5	4.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW301	3/12/2020 11:01	61.9	37.3	0.5	0.3	-17.5	-17.5	-22.3	105.6	5.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW301	3/23/2020 11:53	58.8	35.9	1.6	3.7	-19.1	-21.6	-25.2	97.3	5.9	Valve Adjustment:"Opened valve >1 turn,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEW301	3/23/2020 11:55	51.5	32.4	1.8	14.3	-23.3	-23.2	-25.9	99.0	6.3	Valve Adjustment:"No Change,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEW302	3/12/2020 11:17	61.7	37.8	0.0	0.5	-1.1	-1.0	-22.4	93.3	23.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW302	3/12/2020 11:19	61.8	38.2	0.0	0.0	-1.1	-1.1	-22.5	93.5	21.0	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW302	3/23/2020 11:57	60.5	38.7	0.6	0.2	-1.8	-3.5	-25.8	99.3	25.6	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW302	3/23/2020 11:58	60.6	38.7	0.7	0.0	-4.3	-4.2	-25.8	106.9	26.3	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW303	3/3/2020 12:38	62.2	37.7	0.1	0.0	-41.4	-41.6	-41.2	77.5	7.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW303	3/21/2020 11:24	59.1	36.1	1.0	3.8	-25.7	-24.5	-27.9	64.4	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW305	3/12/2020 11:31	55.4	35.5	0.0	9.1	-9.7	-9.7	-21.9	98.4	6.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW305	3/12/2020 11:32	55.6	36.3	0.0	8.1	-9.8	-9.7	-21.4	98.6	7.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW305	3/23/2020 12:07	58.3	37.1	0.9	3.7	-11.2	-13.4	-25.1	117.9	0.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW305	3/23/2020 12:09	58.3	36.8	1.0	3.9	-15.8	-15.7	-24.2	119.3	12.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW306	3/3/2020 12:46	13.7	28.6	0.0	57.7	-1.2	-1.2	-40.1	106.5	8.8	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEW306	3/21/2020 11:10	55.8	36.7	0.5	7.0	-0.6	-1.4	-26.3	87.8	42.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW306	3/21/2020 11:12	55.9	36.3	0.5	7.3	-2.5	-2.0	-25.7	114.8	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW307	3/3/2020 13:30	52.3	42.7	1.1	3.9	-26.7	-26.7	-26.1	94.3	5.5	Valve Adjustment:"No Change,Valve 40% open";Well Condition:"";Well Repairs:""
OXMEW307	3/21/2020 12:34	51.8	38.0	1.9	8.3	-26.5	-26.5	-26.3	92.8	8.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW308	3/12/2020 10:46	56.4	41.8	0.1	1.7	-10.5	-10.6	-21.5	114.6	11.9	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 50% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW308	3/23/2020 11:26	56.7	39.4	1.0	2.9	-13.5	-16.6	-25.7	113.0	0.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW308	3/23/2020 11:29	54.2	37.6	1.2	7.0	-17.7	-17.6	-25.2	116.6	5.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW309	3/12/2020 11:35	54.6	36.9	0.0	8.5	-12.8	-12.8	-22.4	114.2	14.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW309	3/12/2020 11:36	54.3	37.2	0.0	8.5	-12.8	-12.8	-22.5	114.4	12.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW309	3/23/2020 12:17	53.7	36.6	1.0	8.7	-13.9	-14.9	-26.0	125.2	12.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW309	3/23/2020 12:18	52.5	36.5	1.1	9.9	-15.6	-15.9	-25.4	125.6	30.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW310	3/11/2020 14:35	57.7	38.6	0.0	3.7	-2.7	-2.7	-22.2	113.0	110.9	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 20% open";Well Condition:"";Well Repairs:""
OXMEW310	3/23/2020 10:54	56.3	39.3	0.7	3.7	-3.7	-5.1	-22.6	112.1	123.7	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW310	3/23/2020 10:56	54.9	38.1	0.9	6.1	-6.8	-6.8	-24.6	115.9	174.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW311	3/3/2020 12:54	49.7	43.2	0.0	7.1	-26.2	-26.2	-39.2	120.1	47.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW311	3/21/2020 11:00	55.4	40.3	0.8	3.5	-15.7	-18.0	-26.2	120.4	0.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW311	3/21/2020 11:02	52.0	38.6	1.0	8.4	-19.9	-18.7	-25.7	120.9	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW312	3/12/2020 13:37	49.4	36.4	0.0	14.2	-8.6	-8.6	-21.1	108.5	190.1	Valve Adjustment:"No Change,Valve 40% open";Well Condition:"";Well Repairs:""
OXMEW312	3/23/2020 11:14	51.9	37.2	0.9	10.0	-9.4	-8.9	-24.5	108.3	168.6	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW313	3/10/2020 11:46	49.7	39.6	3.2	7.5	-20.4	-20.5	-22.9	65.1	19.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW313	3/26/2020 15:13	50.7	36.9	2.9	9.5	-25.7	-22.3	-28.8	60.3	0.0	Valve Adjustment:"Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW313	3/26/2020 15:14	50.2	36.5	2.8	10.5	-18.7	-18.5	-29.3	59.7	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW314	3/10/2020 11:40	53.9	40.0	0.1	6.0	-19.3	-19.3	-22.6	65.0	40.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW314	3/26/2020 15:00	51.7	40.5	1.3	6.5	-25.7	-25.7	-28.7	62.2	0.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW315	3/12/2020 10:36	58.9	37.9	0.0	3.2	-18.4	-18.8	-20.6	120.2	13.0	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW315	3/12/2020 10:39	58.6	38.3	0.0	3.1	-18.9	-18.8	-22.2	120.3	17.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""
OXMEW315	3/23/2020 11:44	56.7	38.4	1.3	3.6	-22.5	-23.0	-25.5	118.6	25.6	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 55% open";Well Condition:"";Well Repairs:""
OXMEW315	3/23/2020 11:46	55.2	37.7	1.3	5.8	-23.0	-23.2	-26.1	118.6	21.9	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW316	3/12/2020 13:27	62.0	38.0	0.0	0.0	-18.9	-18.9	-19.8	108.3	12.0	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 90% open";Well Condition:"";Well Repairs:""
OXMEW316	3/23/2020 10:28	58.7	37.3	1.3	2.7	-20.6	-20.6	-21.8	104.7	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW317	3/12/2020 13:30	61.5	38.3	0.2	0.0	-20.1	-20.1	-20.0	108.9	19.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW317	3/23/2020 10:34	57.5	37.6	1.3	3.6	-22.6	-22.1	-22.9	108.7	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW318	3/6/2020 11:54	46.5	37.0	0.0	16.5	-3.0	-3.4	-19.3	113.3	18.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW318	3/12/2020 10:05	58.8	40.0	0.0	1.2	-1.3	-1.4	-18.2	112.8	15.7	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 10% open";Well Condition:"";Well Repairs:""
OXMEW318	3/23/2020 10:41	58.8	39.1	0.7	1.4	-1.9	-2.8	-23.5	112.6	12.4	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW318	3/23/2020 10:43	58.3	38.0	0.7	3.0	-3.3	-3.2	-23.8	113.5	28.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW319	3/6/2020 11:51	48.6	37.9	0.0	13.5	-15.0	-17.0	-19.4	108.5	54.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""



Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEW319	3/11/2020 14:42	55.5	36.7	0.2	7.6	-14.7	-14.7	-20.5	109.8	68.4	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEW319	3/23/2020 10:49	54.9	38.0	1.1	6.0	-16.2	-18.8	-22.9	109.0	9.2	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW319	3/23/2020 10:52	53.7	37.6	1.2	7.5	-19.9	-19.9	-22.7	110.1	62.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW320	3/11/2020 14:09	60.1	39.5	0.4	0.0	-21.8	-21.8	-21.5	124.7	15.1	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 90% open";Well Condition:"";Well Repairs:""
OXMEW320	3/23/2020 11:24	59.5	40.3	0.2	0.0	-23.2	-23.5	-23.7	93.2	15.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW321	3/11/2020 13:19	41.1	31.4	3.6	23.9	-11.7	-11.6	-22.1	111.4	49.7	Valve Adjustment:"Closed valve 1/2 turn or less,Valve 5% open";Well Condition:"";Well Repairs:""
OXMEW321	3/23/2020 10:30	44.0	34.9	3.5	17.6	-11.3	-11.2	-24.9	87.8	58.5	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW321	3/23/2020 10:32	44.2	34.6	3.5	17.7	-11.1	-11.0	-24.1	87.7	55.3	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW322	3/12/2020 9:45	58.7	41.3	0.0	0.0	-19.4	-19.4	-19.9	120.7	12.4	Valve Adjustment:"Opened valve 10% or less,Valve 65% open";Well Condition:"";Well Repairs:""
OXMEW322	3/23/2020 10:24	56.5	38.7	1.4	3.4	-23.7	-23.7	-24.8	120.9	16.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW323	3/12/2020 9:35	58.6	41.1	0.3	0.0	-17.6	-17.6	-17.6	115.5	19.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW323	3/23/2020 12:37	58.9	41.1	0.0	0.0	-21.8	-21.8	-22.1	83.9	16.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEW325	3/11/2020 11:22	60.7	39.3	0.0	0.0	-18.1	-18.1	-17.7	73.9	3.8	Valve Adjustment:"Opened valve 10% or less,Valve 65% open";Well Condition:"";Well Repairs:""
OXMEW325	3/27/2020 10:43	59.3	40.6	0.1	0.0	-20.4	-20.4	-21.1	53.6	6.0	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEW325	3/27/2020 10:45	60.0	39.9	0.1	0.0	-20.6	-20.6	-20.8	54.0	8.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEW328	3/11/2020 11:35	58.4	41.6	0.0	0.0	-14.7	-14.7	-19.3	117.0	22.0	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 70% open";Well Condition:"";Well Repairs:""
OXMEW328	3/23/2020 10:07	59.4	40.6	0.0	0.0	-14.6	-15.3	-20.8	114.4	9.5	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEW328	3/23/2020 10:11	59.4	40.6	0.0	0.0	-15.1	-15.2	-20.6	115.2	26.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEWHC1	3/3/2020 13:41	54.4	43.6	0.4	1.6	-26.0	-26.1	-25.4	78.2		Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXMEWHC1	3/21/2020 12:06	53.9	40.7	1.2	4.2	-24.8	-24.9	-26.9	65.5		Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW05	3/10/2020 11:58	53.6	46.4	0.0	0.0	-22.7	-22.8	-22.3	112.5	43.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW05	3/26/2020 12:23	52.8	40.9	1.8	4.5	-27.1	-26.9	-26.8	112.5	22.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW06	3/10/2020 11:56	54.9	45.1	0.0	0.0	-23.3	-23.3	-23.6	85.0	19.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW06	3/26/2020 12:27	52.6	41.4	1.6	4.4	-27.6	-26.4	-27.3	82.9	7.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW08	3/10/2020 11:31	55.3	44.7	0.0	0.0	-1.2	-1.2	-2.8	118.4	5.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMEWW08	3/24/2020 14:33	53.3	40.2	0.7	5.8	-3.9	-4.1	-8.4	120.0	14.2	Valve Adjustment:"Opened valve 1/2 turn to 1 turn,Valve 50% open";Well Condition:"";Well Repairs:""
OXMEWW08	3/24/2020 14:34	52.5	39.9	0.7	6.9	-4.2	-4.1	-7.2	120.9	18.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEWW15	3/10/2020 11:50	57.2	42.7	0.1	0.0	-22.8	-22.3	-23.1	64.2	6.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW15	3/26/2020 15:18	55.7	39.2	1.5	3.6	-29.1	-28.7	-28.9	54.5	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW16	3/10/2020 12:01	53.2	46.7	0.1	0.0	-20.4	-21.0	-20.1	70.2	14.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW16	3/26/2020 15:28	53.1	43.0	1.5	2.4	-27.3	-24.8	-27.2	68.2	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMEWW17</b>	3/11/2020 10:35	48.1	40.9	2.3	8.7	-20.1	-20.1	-20.0	65.5	18.0	Valve Adjustment:"No Change,Valve 70% open";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMEWW17	3/23/2020 13:01	56.7	43.1	0.2	0.0	-23.9	-23.5	-24.1	52.2	10.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW18	3/11/2020 11:03	56.5	42.8	0.7	0.0	-19.5	-19.5	-21.9	62.8	14.4	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 70% open";Well Condition:"";Well Repairs:""
OXMEWW18	3/23/2020 12:48	57.7	42.0	0.3	0.0	-22.8	-22.7	-24.8	50.8	14.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1G	3/11/2020 10:03	57.1	42.7	0.2	0.0	-21.5	-21.5	-21.1	66.6	1.3	Valve Adjustment:"Opened valve 10% or less,Valve 65% open";Well Condition:"";Well Repairs:""
OXMEWW1G	3/26/2020 12:41	54.8	40.3	1.4	3.5	-26.4	-26.5	-26.2	58.1	1.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1I	3/11/2020 10:07	58.4	41.5	0.1	0.0	-21.5	-21.5	-21.1	67.1	1.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1I	3/26/2020 12:38	55.8	39.9	1.4	2.9	-26.6	-25.9	-26.2	52.9	0.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1J	3/11/2020 10:11	57.2	42.8	0.0	0.0	-20.8	-20.8	-21.5	72.1	6.3	Valve Adjustment:"Opened valve 10% or less,Valve 55% open";Well Condition:"";Well Repairs:""
OXMEWW1J	3/26/2020 12:36	55.0	41.1	1.3	2.6	-25.6	-25.2	-26.6	68.7	8.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1K	3/11/2020 10:14	56.8	42.0	0.6	0.6	-22.2	-22.2	-22.1	71.1	7.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1K	3/26/2020 12:33	54.1	39.9	1.6	4.4	-28.3	-28.0	-27.9	52.7	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1S	3/10/2020 12:04	54.5	45.5	0.0	0.0	-21.0	-21.0	-20.7	66.0	10.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW1S	3/23/2020 12:52	57.6	42.3	0.1	0.0	-23.9	-24.3	-24.5	60.1	16.7	Valve Adjustment:"Opened valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""
OXMEWW1S	3/23/2020 12:53	58.2	41.7	0.1	0.0	-23.9	-23.9	-24.1	60.8	18.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMEWW26	3/11/2020 11:05	54.2	42.2	1.3	2.3	-22.2	-22.2	-22.1	67.5	15.9	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMEWW26	3/23/2020 12:44	56.0	40.6	0.9	2.5	-24.8	-25.0	-25.0	50.7	11.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	3/3/2020 14:02	55.1	42.5	0.0	2.4	-37.4	-37.5	-38.0	77.8	30.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF03	3/24/2020 14:48	53.4	41.3	1.4	3.9	-29.9	-30.2	-31.8	61.2	43.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	3/3/2020 14:05	50.9	48.2	0.9	0.0	-38.9	-38.8	-38.3	85.0	10.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMHCF04	3/24/2020 14:52	53.0	42.8	1.3	2.9	-30.9	-31.2	-31.9	57.6	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	3/3/2020 14:07	53.1	46.7	0.2	0.0	-39.4	-39.0	-38.3	85.0	8.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
<b>OXMHCF06</b>	3/24/2020 14:54	54.2	40.0	1.6	4.2	-31.2	-31.2	-32.2	56.7	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMNEW1D	3/11/2020 9:43	58.0	42.0	0.0	0.0	-20.2	-20.2	-20.4	70.9	24.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMNEW1D	3/26/2020 12:07	53.6	39.1	2.0	5.3	-25.9	-25.2	-25.5	60.8	18.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW30	3/12/2020 13:16	57.7	38.3	0.1	3.9	-22.1	-22.3	-22.0	75.2	0.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW30	3/21/2020 11:42	52.1	36.9	2.3	8.7	-23.8	-23.8	-26.3	60.6	15.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMP EW30	3/26/2020 12:14	51.9	39.0	1.9	7.2	-26.9	-27.2	-26.7	55.2	0.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW31	3/11/2020 9:46	57.5	42.5	0.0	0.0	-21.8	-21.8	-21.7	84.2	2.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW31	3/26/2020 12:49	54.4	41.3	1.6	2.7	-26.7	-26.5	-27.2	80.1	11.5	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW32	3/10/2020 10:38	56.6	41.7	0.0	1.7	-22.0	-21.8	-22.4	67.5	4.0	Valve Adjustment:"Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW32	3/24/2020 13:53	53.5	39.8	1.2	5.5	-24.8	-25.0	-24.9	60.1	8.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMP EW33	3/10/2020 10:40	57.0	41.5	0.0	1.5	-7.7	-8.0	-21.8	82.0	10.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wc.	in. wc.	in. wc.	Deg. F.	scfm	
OXMPEW33	3/24/2020 14:22	55.6	39.5	0.8	4.1	-9.0	-9.6	-26.5	82.2	11.3	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXMPEW33	3/24/2020 14:24	55.3	39.5	0.9	4.3	-11.0	-11.0	-26.3	83.1	14.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMPEW35	3/11/2020 9:50	56.6	43.3	0.1	0.0	-20.9	-20.8	-21.0	128.1	47.4	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW35	3/26/2020 12:18	52.6	40.6	1.9	4.9	-26.2	-26.2	-26.2	127.8	34.8	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW36	3/11/2020 9:54	58.1	41.9	0.0	0.0	-22.2	-22.2	-21.7	74.7	2.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW36	3/26/2020 12:20	53.7	39.2	1.8	5.3	-27.4	-27.2	-27.1	65.1	1.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW42	3/10/2020 11:48	56.1	43.8	0.1	0.0	-22.7	-22.7	-23.1	64.2	16.3	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW42	3/26/2020 15:16	52.9	41.5	1.6	4.0	-29.4	-29.1	-28.9	56.7	0.0	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW44	3/11/2020 10:31	55.9	44.1	0.0	0.0	-20.8	-20.8	-20.7	72.1	11.6	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW44	3/23/2020 12:57	58.1	41.9	0.0	0.0	-23.9	-24.3	-24.0	60.8	8.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	3/10/2020 11:53	56.3	42.9	0.4	0.4	-22.7	-23.0	-23.1	68.7	5.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW46	3/26/2020 15:22	40.4	32.5	6.7	20.4	-29.1	-28.4	-29.3	55.6	0.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""
OXMPEW46	3/26/2020 15:25	40.3	32.4	6.4	20.9	-27.5	-27.4	-27.6	55.0	0.0	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""
OXMPEW46	3/30/2020 11:32	56.2	35.4	1.0	7.4	-29.4	-29.3	-29.8	68.7	6.1	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""
OXMPEW50	3/12/2020 13:31	55.4	41.9	0.1	2.6	-20.2	-19.7	-20.0	96.2	86.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXMPEW50	3/27/2020 9:23	58.0	40.2	0.1	1.7	-23.1	-22.7	-24.8	81.8	84.1	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""
OXPEW30A	3/3/2020 13:52	48.1	42.4	1.2	8.3	-23.8	-24.1	-23.6	79.4		Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""
OXPEW30A	3/11/2020 9:31	58.1	41.9	0.0	0.0	-21.5	-21.5	-21.5	68.0	0.5	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""
OXPEW30A	3/26/2020 16:04	22.2	30.1	2.8	44.9	-25.0	-24.5	-27.1	63.5		Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""
OXPEW30A	3/26/2020 16:05	20.2	29.3	3.3	47.2	-25.7	-24.5	-26.6	63.5		Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""

Bold Italics = HOV approval from BAAQMD

\*Some flow readings not available due to low/no flow conditions recorded by GEM.

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. wc. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

≤15% Oxygen HOV Condition Application Number 10164 part 18(b)(i)

OXMEWW17 and OXMHCF06

≤15% Oxygen LTO Condition Application Number 10164 part 18(d)(i)

OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS13, OMTLTS14, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, and OMTLTS20.

## APPENDIX K

### WELLFIELD DEVIATION LOG

**OX MOUNTAIN LANDFILL  
OCTOBER 1, 2019 THROUGH MARCH 31, 2020 WELLFIELD DEVIATION LOG**

**REPORT PREPARED BY:** Tetra Tech  
**UPDATED DATE:** 4/1/2020  
**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
OMTLTS01	3/3/2020 13:34	4.4	3.9	19.4	72.3	-0.1	73.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OMTLTS01	3/3/2020 13:36	24.5	23.0	7.7	44.8	-2.1	72.5	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OMTLTS01 on March 3, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, but the well remains in exceedance. Well OMTLTS01 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OMTLTS06	12/10/2019 13:44	5.9	5.9	15.9	72.3	-0.5	92.5	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS06	12/10/2019 13:46	18.3	17.6	7.9	56.2	-4.7	101.8	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OMTLTS06 on December 10, 2019. 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 OMTLTS06 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OMTLTS06	2/12/2020 16:35	5.9	5.4	17.4	71.3	-0.4	83.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OMTLTS06	2/12/2020 16:38	10.1	8.0	14.5	67.4	-1.1	95.4	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OMTLTS06 on February 12, 2020. 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 OMTLTS06 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OMTLTS10	10/7/2019 10:38	0.4	2.1	16.8	80.7	-1.4	90.0	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS10	10/7/2019 10:41	0.7	4.4	14.4	80.5	-4.0	97.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OMTLTS10 on October 7, 2019. Tetra Tech Operations and Maintenance (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 OMTLTS10 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OMTLTS11	10/7/2019 10:50	1.0	4.4	16.0	78.6	-1.3	90.5	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS11	10/7/2019 10:53	1.0	3.7	14.6	80.7	-2.5	90.1	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OMTLTS11 on October 7, 2019. 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 OMTLTS11 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OMTLTS11	2/25/2020 9:42	2.9	7.1	18.2	71.8	-0.9	73.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OMTLTS11	2/25/2020 9:43	0.8	3.3	18.3	77.6	-0.9	73.2	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""	
OMTLTS11	3/3/2020 12:03	6.9	21.9	3.2	68.0	-0.8	75.9	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""	7
Comments: An oxygen exceedance was detected at OMTLTS11 on February 25, 2020. 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 3, 2020, and no further exceedance was detected. Well OMTLTS11 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OMTLTS12	10/7/2019 10:56	2.4	3.0	16.8	77.8	-1.2	89.2	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS12	10/7/2019 10:58	3.3	2.9	16.5	77.3	-4.7	99.0	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS12	10/22/2019 13:41	1.3	9.7	11.8	77.2	-0.2	98.6	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	15
Comments: An oxygen exceedance was detected at OMTLTS12 on October 7, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, but the well remained in exceedance. The well was re-monitored on October 22, 2019, and no further exceedance was detected. Well OMTLTS12 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									

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
OMTLTS12	11/22/2019 13:26	1.4	5.5	15.4	77.7	-0.2	92.7	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS12	11/22/2019 13:27	2.2	4.2	15.0	78.6	-2.7	101.3	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS12	12/12/2019 10:02	0.1	0.5	19.6	79.8	-0.7	87.3	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS12	12/12/2019 10:03	0.1	0.5	19.2	80.2	-4.3	93.4	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS12	12/20/2019 13:35	0.3	5.0	16.3	78.4	-0.6	93.4	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OMTLTS12	12/20/2019 13:36	0.2	3.7	16.2	79.9	-0.5	85.8	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OMTLTS12	1/15/2020 11:18	1.5	13.2	10.8	74.5	-0.6	85.8	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	54
Comments: An oxygen exceedance was detected at OMTLTS12 on November 22, 2019. 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 January 15, 2020, and no further exceedance was detected. Well OMTLTS12 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818									
OMTLTS12	2/12/2020 11:15	1.7	5.6	16.9	75.8	-1.0	93.8	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OMTLTS12	2/12/2020 11:16	1.3	4.7	17.6	76.4	-1.0	87.5	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OMTLTS12	2/19/2020 12:27	18.8	18.6	9.6	53.0	-0.4	81.2	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""	7
Comments: An oxygen exceedance was detected at OMTLTS12 on February 12, 2020. 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 19, 2020, and no further exceedance was detected. Well OMTLTS12 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OMTLTS12	2/25/2020 10:00	0.3	0.8	20.2	78.7	-0.9	80.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OMTLTS12	2/25/2020 10:01	0.3	0.9	20.3	78.5	-0.8	83.4	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""	
OMTLTS12	3/3/2020 12:07	0.1	3.1	18.5	78.3	-0.8	83.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OMTLTS12	3/3/2020 12:08	0.1	3.1	18.4	78.4	-0.8	83.2	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""	
OMTLTS12	3/21/2020 9:49	22.7	18.6	11.6	47.1	-0.3	77.9	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""	25
Comments: An oxygen exceedance was detected at OMTLTS12 on February 25, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the date noted above, but the well remained in exceedance. The well was re-monitored on March 21, 2020, and no further exceedance was detected. Well OMTLTS12 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part									
OMTLTS16	10/29/2019 12:36	1.0	0.3	20.4	78.3	-0.1	75.2	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS16	10/29/2019 12:38	5.4	7.0	12.7	74.9	-4.3	83.5	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OMTLTS16 on October 29, 2019. 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 OMTLTS16 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OMTLTS16	11/8/2019 11:05	1.2	3.7	17.3	77.8	-0.1	92.1	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OMTLTS16	11/8/2019 11:07	1.2	4.0	17.7	77.1	-0.3	88.7	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OMTLTS16	11/19/2019 10:34	1.5	4.6	16.0	77.9	-0.3	80.3	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OMTLTS16	11/19/2019 10:36	1.6	6.1	13.4	78.9	-5.5	83.8	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	11
Comments: An oxygen exceedance was detected at OMTLTS16 on November 8, 2019. 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 19, 2019, and no further exceedance was detected. Well OMTLTS16 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OMTLTS16	11/22/2019 13:05	0.4	0.3	20.6	78.7	-0.3	71.6	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OMTLTS16	11/22/2019 13:07	3.1	2.2	17.0	77.7	-4.3	83.7	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	

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
OMTLTS16	12/6/2019 9:39	2.6	13.4	10.0	74.0	-0.6	78.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	14
Comments: An oxygen exceedance was detected at OMTLTS16 on November 22, 2019. 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 6, 2019, and no further exceedance was detected. Well OMTLTS16 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OMTLTS16	12/12/2019 10:27	3.7	4.5	15.3	76.5	-0.7	68.9	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS16	12/12/2019 10:28	3.4	9.5	7.7	79.4	-3.2	84.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OMTLTS16 on December 12, 2019. 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 OMTLTS16 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OMTLTS17	10/29/2019 12:29	1.0	4.1	19.5	75.4	-0.1	103.1	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS17	10/29/2019 12:30	0.7	0.9	19.7	78.7	-4.8	107.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OMTLTS17	11/8/2019 11:08	0.5	2.0	19.1	78.4	-0.1	92.3	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OMTLTS17	11/8/2019 11:10	0.5	2.0	19.0	78.5	-0.2	92.3	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OMTLTS17	11/22/2019 13:01	36.0	33.2	0.5	30.3	-0.3	96.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	24
Comments: An oxygen exceedance was detected at OMTLTS17 on October 29, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the date noted above, but the well remained in exceedance. The well was re-monitored on November 22, 2019, and no further exceedance was detected. Well OMTLTS17 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OXEW134B	12/12/2019 9:50	0.1	0.9	20.6	78.4	-33.3	73.4	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW134B	12/12/2019 9:52	0.2	0.8	20.5	78.5	-20.7	71.4	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEW134B	12/21/2019 8:44	1.2	3.2	21.0	74.6	-29.1	76.8	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW134B	12/21/2019 8:46	0.3	1.4	20.7	77.6	-9.3	69.4	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEW134B	1/15/2020 9:40	24.5	32.5	2.1	40.9	-31.1	69.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	34
Comments: An oxygen exceedance was detected at OXEW134B on December 12, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the date noted above, but the well remained in exceedance. The well was re-monitored on January 15, 2020, and no further exceedance was detected.									
OXEW134B	1/23/2020 11:48	27.3	26.0	7.3	39.4	-28.5	69.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW134B	1/23/2020 11:50	26.8	25.6	7.3	40.3	-28.3	64.7	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXEW134B	2/5/2020 10:08	0.2	0.6	21.0	78.2	-38.4	63.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW134B	2/5/2020 10:09	0.2	0.5	20.6	78.7	-38.6	63.7	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXEW134B	2/12/2020 15:52	22.6	21.6	8.4	47.4	-36.0	74.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW134B	2/12/2020 15:53	22.1	21.2	8.4	48.3	-35.7	74.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW134B	2/25/2020 11:59	49.6	43.8	0.2	6.4	-38.8	75.2	Valve Adjustment:"No Change,Valve 100% open";Well Condition:"";Well Repairs:""	33
Comments: An oxygen exceedance was detected at OXEW134B on January 23, 2020. 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 February 25, 2020, and no further exceedance was detected.									
OXEW1606	10/9/2019 11:32	0.6	3.8	20.0	75.6	-17.0	68.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1606	10/9/2019 11:33	0.8	1.4	20.0	77.8	-1.6	68.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1606	10/22/2019 14:11	0.0	0.5	20.3	79.2	-0.3	85.8	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1606	10/22/2019 14:13	0.0	0.2	20.0	79.8	-0.3	84.9	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	

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
OXEW1606	11/14/2019 11:23	0.3	1.4	20.3	78.0	-1.6	58.1	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1606	11/14/2019 11:25	0.4	1.3	20.2	78.1	-0.6	57.7	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1606	11/23/2019 10:55	0.8	3.7	19.9	75.6	-1.6	66.7	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1606	11/23/2019 10:56	0.5	2.5	19.7	77.3	-1.7	66.6	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1606	12/12/2019 11:44	0.7	2.8	19.3	77.2	-15.0	57.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1606	12/12/2019 11:47	0.8	2.7	19.7	76.8	-2.5	56.8	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEW1606	12/21/2019 10:12	0.6	2.3	20.1	77.0	-1.2	54.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1606	12/21/2019 10:15	0.5	1.6	19.9	78.0	-1.2	54.7	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEW1606	1/15/2020 13:10	0.4	0.5	20.3	78.8	-1.6	52.9	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1606	1/15/2020 13:12	0.2	0.3	20.6	78.9	-10.4	52.5	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1606	1/24/2020 12:12	1.5	3.9	19.0	75.6	-1.0	56.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1606	1/24/2020 12:13	0.7	2.1	18.9	78.3	-0.4	56.4	Valve Adjustment:"NSPS/CAI,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1606	1/29/2020 14:35	0.3	1.6	19.4	78.7	-2.0	56.8	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1606	1/29/2020 14:37	0.4	1.7	19.3	78.6	-0.7	56.9	Valve Adjustment:"NSPS/CAI,Valve at minimum position";Well Condition:"";Well Repairs:""	<b>112 (on the date of decommissioning)</b>
Comments: An oxygen exceedance was detected at OXEW1606 on October 9, 2019. 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. On January 29, 2019, the well was decommissioned. Refer to Appendix G, the Wellfield SSM Log, for further details.									
OXEW1618	9/5/2019 11:31	36.8	35.1	0.4	27.7	-5.2	136.4	Valve Adjustment: NSPS/CAI,No change ;Well Condition: ;Well Repairs:	
OXEW1618	9/5/2019 11:33	36.6	34.2	0.4	28.8	-5.7	136.6	Valve Adjustment: NSPS/CAI,No change ;Well Condition: ;Well Repairs:	
OXEW1618	9/13/2019 14:33	37.9	35.5	0.4	26.2	-4.6	139.8	Valve Adjustment: NSPS/CAI,Closed valve 1/2 to 1 turn ;Well Condition: ;Well Repairs:	
OXEW1618	9/13/2019 14:34	43.8	35.1	0.3	20.8	-2.7	137.5	Valve Adjustment: NSPS/CAI,No change ;Well Condition: ;Well Repairs:	
OXEW1618	9/17/2019 11:30	53.9	38.6	0.0	7.5	-1.6	131.2	Valve Adjustment: NSPS/CAI,Opened valve 1/2 turn or less ;Well Condition: ;Well Repairs:	
OXEW1618	9/17/2019 11:31	51.6	38.7	0.0	9.7	-2.0	132.6	Valve Adjustment: NSPS/CAI,Closed valve 1/2 turn or less ;Well Condition: ;Well Repairs:	
OXEW1618	10/4/2019 10:00	52.1	39.4	0.0	8.5	-1.5	130.3	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""	<b>29</b>
Comments: A temperature exceedance was detected at September 5, 2019. 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 October 4, 2019, and no further exceedance was detected.									
OXEW1618	11/19/2019 13:29	50.3	38.8	0.0	10.9	-1.7	131.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1618	11/19/2019 13:30	54.4	38.6	0.0	7.0	-1.2	130.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	<b>&lt;1</b>
Comments: A temperature exceedance was detected at OXEW1618 on November 19, 2019. TT O&M initiated corrective action and the well was adjusted and re-monitored on the same day, and no further exceedance was									
OXEW1618	12/18/2019 12:21	60.1	39.9	0.0	0.0	1.8	124.5	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1618	12/18/2019 12:22	59.7	40.3	0.0	0.0	-1.0	128.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	<b>&lt;1</b>
Comments: A pressure exceedance was detected at OXEW1618 on December 18, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further exceedance was detected.									



Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
		%	%	%	%	in. wc.	Deg. F.		Days
OXEW1618	1/9/2020 12:35	35.6	34.2	0.9	29.3	-8.8	142.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1618	1/9/2020 12:37	33.2	33.1	2.0	31.7	-4.4	140.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1618	1/20/2020 13:15	59.0	39.6	0.0	1.4	-0.1	125.4	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	11
Comments: A temperature exceedance was detected at OXEW1618 on January 9, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, but the well remained in exceedance. The well was re-monitored on January 20, 2020, and no further exceedance was detected.									
OXEW1618	2/10/2020 14:00	43.4	37.6	0.4	18.6	-4.7	135.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1618	2/10/2020 14:01	50.5	37.0	0.1	12.4	-2.0	129.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	<1
Comments: A temperature exceedance was detected at OXEW1618 on February 10, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further exceedance was detected.									
OXEW1618	2/24/2020 10:09	61.3	38.3	0.0	0.4	0.6	125.8	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1618	2/24/2020 10:10	61.1	38.9	0.0	0.0	-5.4	129.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	<1
Comments: A pressure exceedance was detected at OXEW1618 on February 24, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further exceedance was detected.									
OXEW1618	3/23/2020 12:02	40.2	38.3	0.4	21.1	-6.9	134.7	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1618	3/23/2020 12:04	46.6	37.2	0.4	15.8	-2.9	130.1	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	<1
Comments: A temperature exceedance was detected at OXEW1618 on March 23, 2020. 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.									
OXEW1621	3/12/2020 11:56	56.6	43.4	0.0	0.0	0.1	112.8	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1621	3/12/2020 11:56	56.0	44.0	0.0	0.0	-0.1	114.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	<1
Comments: A pressure exceedance was detected at OXEW1621 on March 12, 2020. 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.									
OXEW1623	1/24/2020 11:40	1.0	0.9	19.5	78.6	-28.6	61.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1623	1/24/2020 11:43	1.2	1.3	19.4	78.1	-28.8	62.7	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXEW1623	2/5/2020 9:18	0.2	0.4	21.1	78.3	-32.5	61.4	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1623	2/5/2020 9:20	0.4	0.5	20.9	78.2	-16.1	61.2	Valve Adjustment:"NSPS/CAI,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1623	2/13/2020 12:24	2.1	0.9	21.8	75.2	-21.1	50.0	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1623	2/13/2020 12:29	0.0	0.0	22.7	77.3	-0.1	49.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1623	2/13/2020 12:30	1.2	0.2	22.2	76.4	-6.0	50.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1623	2/27/2020 11:52	1.3	2.6	20.8	75.3	-21.7	72.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1623	2/27/2020 11:53	0.7	1.2	20.5	77.6	-23.0	72.5	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1623	3/12/2020 9:26	0.6	2.3	20.2	76.9	-15.0	68.9	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1623	3/12/2020 9:29	0.4	0.6	20.4	78.6	-18.2	69.0	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1623	3/27/2020 11:12	2.1	0.5	20.8	76.6	-23.6	51.7	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1623	3/27/2020 11:23	2.2	0.4	20.8	76.6	-23.6	53.1	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	68 (as of April 1, 2020)

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
		%	%	%	%	in. wc.	Deg. F.		Days
Comments: An oxygen exceedance was detected at OXEW1623 on January 24, 2020. 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 remains in exceedance.									
OXEW1624	11/23/2019 11:01	4.4	5.7	19.5	70.4	-16.3	63.7	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1624	11/23/2019 11:03	3.8	3.8	19.7	72.7	-16.6	63.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1624	12/6/2019 9:50	50.1	30.7	3.8	15.4	-12.0	61.9	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""	13
Comments: An oxygen exceedance was detected at OXEW1624 on November 23, 2019. TT O&M 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 6, 2019, and no further exceedance was detected.									
OXEW1625	11/8/2019 13:24	40.3	25.2	7.1	27.4	-37.4	68.4	Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	11/8/2019 13:26	40.3	25.6	7.8	26.3	-37.4	68.4	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	11/19/2019 10:55	24.4	13.1	12.8	49.7	-40.1	64.3	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	11/19/2019 10:58	27.6	16.3	11.7	44.4	-40.1	62.8	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	11/23/2019 9:46	17.9	17.5	14.2	50.4	-37.4	64.4	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	11/23/2019 9:47	18.4	16.6	14.7	50.3	-23.1	64.4	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1625	12/10/2019 13:00	28.1	17.3	10.8	43.8	-38.3	59.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	12/10/2019 13:01	28.2	18.4	14.6	38.8	-9.0	58.3	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1625	12/20/2019 12:43	24.8	15.9	11.1	48.2	-35.2	68.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	12/20/2019 12:45	28.6	17.3	10.7	43.4	-28.6	67.3	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEW1625	1/15/2020 12:19	12.1	11.5	15.6	60.8	-11.6	53.1	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	1/15/2020 12:21	0.0	0.0	14.6	85.4	-24.5	53.6	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	1/24/2020 10:53	5.4	9.5	18.6	66.5	-28.8	67.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	1/24/2020 10:54	3.4	4.6	18.2	73.8	-5.8	67.2	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXEW1625	2/13/2020 10:47	49.3	30.3	4.8	15.6	-21.7	65.7	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	97
Comments: An oxygen exceedance was detected at OXEW1625 on November 8, 2019. 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 February 13, 2020, and no further exceedance was detected.									
OXEW1625	2/27/2020 11:17	14.9	11.8	15.7	57.6	-17.3	84.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1625	2/27/2020 11:18	5.0	5.4	19.2	70.4	-12.3	86.3	Valve Adjustment:"NSPS,No Change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1625	3/12/2020 13:46	4.1	5.0	19.0	71.9	-8.5	90.8	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	3/12/2020 13:48	0.5	1.8	20.2	77.5	-7.8	91.2	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEW1625	3/27/2020 11:39	0.6	5.0	20.6	73.8	-19.9	71.9	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1625	3/27/2020 11:43	0.3	0.8	21.1	77.8	-19.9	73.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	34 (as of April 1, 2020)
Comments: An oxygen exceedance was detected at OXEW1625 on February 27, 2020. 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 remains in exceedance.									
OXEW1626	1/15/2020 12:28	14.9	10.6	15.8	58.7	-24.5	54.3	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	

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
OXEW1626	1/15/2020 12:29	17.8	10.4	15.3	56.5	-24.1	55.2	Valve Adjustment:"NSPS/CAL exempt ";Well Condition:"";Well Repairs:""	
OXEW1626	1/24/2020 10:57	60.3	38.7	0.2	0.8	-28.8	67.4	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""	9
Comments: An oxygen exceedance was detected at OXEW1626 on January 15, 2020. 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 24, 2020, and no further exceedance was detected.									
OXEW1626	2/13/2020 10:57	3.1	2.5	21.6	72.8	-33.4	51.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1626	2/13/2020 10:58	3.2	2.3	21.5	73.0	-33.4	51.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1626	2/19/2020 13:04	42.4	25.6	6.9	25.1	-11.1	69.0	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less,Valve 10% open";Well Condition:"";Well Repairs:""	
OXEW1626	2/19/2020 13:05	43.2	26.3	6.7	23.8	-11.8	69.1	Valve Adjustment:"NSPS,Valve 10% open";Well Condition:"";Well Repairs:""	
OXEW1626	3/12/2020 13:40	59.9	37.4	0.1	2.6	-21.3	79.6	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	28
Comments: An oxygen exceedance was detected at OXEW1626 on February 13, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the date noted above, but the well remained in exceedance. The well was re-monitored on March 12, 2020, and no further exceedance was detected.									
OXEW1708	6/13/2019 13:21	29.0	21.5	11.4	38.1	-34.1	60.1	Valve Adjustment: NSPS/CAI,Closed valve 1/2 turn or less;Well Condition;Well Repairs:	
OXEW1708	6/13/2019 13:22	26.9	20.5	12.0	40.6	-34.1	60.3	Valve Adjustment: NSPS/CAI,Closed valve 1/2 to 1 turn;Well Condition;Well Repairs:	
OXEW1708	6/19/2019 11:24	10.3	7.0	17.2	65.5	-31.0	61.0	Valve Adjustment: NSPS/CAI,Closed valve 1/2 to 1 turn;Well Condition;Well Repairs:	
OXEW1708	6/19/2019 11:26	10.0	6.7	17.3	66.0	-31.0	61.3	Valve Adjustment: NSPS/CAI,Closed valve 1/2 turn or less;Well Condition;Well Repairs:	
OXEW1708	7/15/2019 13:54	2.0	1.2	20.2	76.6	-32.2	73.4	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	
OXEW1708	7/15/2019 13:55	1.9	1.3	20.1	76.7	-34.7	74.5	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	
OXEW1708	7/31/2019 11:36	5.7	6.4	18.3	69.6	-39.9	66.4	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	
OXEW1708	7/31/2019 11:37	6.3	4.0	18.4	71.3	-41.4	66.4	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	
OXEW1708	8/15/2019 11:49	19.9	13.7	13.9	52.5	-19.8	91.0	Valve Adjustment: NSPS/CAI,Closed valve 10-25%;Well Condition;Well Repairs:	
OXEW1708	8/15/2019 11:52	29.6	20.6	10.7	39.1	-20.0	92.8	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	
OXEW1708	8/27/2019 13:39	28.2	22.5	11.4	37.9	-25.7	79.3	Valve Adjustment: NSPS/CAI,No change;Well Condition;Well Repairs:	
OXEW1708	8/27/2019 13:39	26.4	17.4	11.3	44.9	-25.7	80.2	Valve Adjustment: NSPS/CAI,No change;Well Condition;Well Repairs:	
OXEW1708	9/12/2019 15:00	20.1	11.8	14.0	54.1	-40.0	88.2	Valve Adjustment: NSPS/CAI,Opened valve 1/2 to 1 turn;Well Condition;Well Repairs:	
OXEW1708	9/12/2019 15:02	20.0	11.7	14.0	54.3	-40.0	87.6	Valve Adjustment: NSPS/CAI,Valve at optimum position,Closed valve >1 turn;Well Condition;Well Repairs:	
OXEW1708	9/25/2019 13:12	17.0	10.8	16.6	55.6	-33.4	98.0	Valve Adjustment: NSPS/CAI,Valve at minimum position;Well Condition;Well Repairs:	
OXEW1708	9/25/2019 13:13	17.3	10.7	16.7	55.3	-33.2	94.0	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	
OXEW1708	10/7/2019 12:43	5.8	4.4	17.8	72.0	-36.5	77.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1708	10/7/2019 12:55	4.7	2.3	18.4	74.6	-36.6	77.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	116 (on the date of decommissioning)
Comments: A oxygen exceedance was detected at OXEW1708 on June 13, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored the same day and the dates noted above, but the well remained in exceedance. On October 7, 2019, the well was decommissioned. Refer to Appendix G, the Wellfield SSM Log, for further details.									

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
OXEW1709	12/21/2019 10:01	36.0	24.8	9.1	30.1	-29.7	53.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1709	12/21/2019 10:02	34.9	24.0	9.8	31.3	-29.0	53.6	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEW1709	1/2/2020 12:51	51.6	32.2	4.1	12.1	-35.5	78.6	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	12
Comments: An oxygen exceedance was detected at OXEW179 on December 21, 2019. 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 2, 2020, and no further oxygen exceedance was detected.									
OXEW1709	1/15/2020 14:16	48.5	24.7	5.6	21.2	-28.8	54.5	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1709	1/15/2020 14:17	47.7	27.3	6.4	18.6	-30.5	54.7	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1709	1/24/2020 11:45	28.3	16.2	10.9	44.6	-8.1	75.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1709	1/24/2020 11:46	32.5	19.2	10.0	38.3	-7.8	76.1	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXEW1709	2/13/2020 12:34	64.2	33.4	0.3	2.1	0.4	51.7	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1709	2/13/2020 12:36	60.0	34.4	1.5	4.1	-26.3	52.6	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""	29
Comments: An oxygen exceedance was detected at OXEW179 on January 15, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the date noted above, but the well remained in exceedance. The well was re-monitored on February 13, 2020, and no further oxygen exceedance was detected, but an additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further pressure exceedance was detected.									
OXEW1710	10/29/2019 12:11	25.1	23.5	12.3	39.1	-33.0	61.5	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEW1710	10/29/2019 12:14	24.1	22.3	11.6	42.0	-32.4	61.7	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEW1710	11/12/2019 10:09	54.7	45.0	0.3	0.0	-34.7	76.8	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""	14
Comments: A oxygen exceedance was detected at OXEW1710 on October 29, 2019. 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 12, 2019, and no further exceedance was detected.									
OXEW1711A	3/27/2020 11:51	7.9	8.1	18.5	65.5	-25.7	53.7	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1711A	3/27/2020 11:54	8.0	4.7	18.9	68.4	-25.5	53.4	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1711A	3/30/2020 10:21	3.5	8.6	19.6	68.3	-31.7	80.2	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1711A	3/30/2020 10:23	1.3	2.3	20.7	75.7	-31.3	78.9	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	5 (as of April 1, 2020)
Comments: An oxygen exceedance was detected at OXEW1711A on March 27, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the date noted above, but the well remains in exceedance.									
OXEW1712A	8/15/2019 10:49	10.1	7.7	17.4	64.8	-23.2	97.2	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1712A	8/19/2019 12:24	9.5	8.7	17.3	64.5	-26.0	62.2	Valve Adjustment: NSPS/CAI,No change ;Well Condition: ;Well Repairs:	
OXEW1712A	8/19/2019 12:25	8.2	6.3	17.7	67.8	-26.0	62.4	Valve Adjustment: NSPS/CAI,No change ;Well Condition: ;Well Repairs:	
OXEW1712A	8/26/2019 13:44	17.5	15.1	14.5	52.9	-13.4	82.9	Valve Adjustment: NSPS/CAI,No change ;Well Condition: ;Well Repairs:	
OXEW1712A	8/26/2019 13:45	16.7	14.2	14.5	54.6	-13.4	82.9	Valve Adjustment: NSPS/CAI,No change ;Well Condition: ;Well Repairs:	
OXEW1712A	8/28/2019 15:40	1.5	1.9	20.4	76.2	-34.4	70.2	Valve Adjustment: NSPS/CAI,No change ;Well Condition: ;Well Repairs:	
OXEW1712A	8/28/2019 15:41	1.4	1.7	19.8	77.1	-34.0	69.8	Valve Adjustment: NSPS/CAI,No change ;Well Condition: ;Well Repairs:	
OXEW1712A	9/12/2019 10:49	9.5	8.2	16.6	65.7	-38.8	87.6	Valve Adjustment: NSPS/CAI,Opened valve 1/2 to 1 turn ;Well Condition: ;Well Repairs:	

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
OXEW1712A	9/12/2019 10:51	9.3	8.3	16.3	66.1	-40.7	86.5	Valve Adjustment: NSPS/CAI,Closed valve 1/2 to 1 turn ;Well Condition: ;Well Repairs:	
OXEW1712A	9/17/2019 9:56	31.0	24.4	8.6	36.0	-23.9	74.5	Valve Adjustment: NSPS/CAI.No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1712A	9/17/2019 10:00	17.1	11.2	14.2	57.5	-4.3	74.8	Valve Adjustment: NSPS/CAI.No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1712A	10/2/2019 13:29	3.9	8.3	17.0	70.8	-35.5	83.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1712A	10/2/2019 13:30	3.0	8.2	19.1	69.7	-35.7	79.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1712A	10/24/2019 13:49	52.6	30.8	1.8	14.8	-18.0	84.9	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	70
Comments: An oxygen exceedance was detected at OXEW1712A on August 15, 2019. 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 October 24, 2019, and no further exceedance was detected.									
OXEW1714	1/15/2020 12:02	34.3	21.8	11.9	32.0	-23.1	52.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1714	1/15/2020 12:04	32.6	21.8	8.8	36.8	-23.5	52.5	Valve Adjustment:"NSPS/CAL exempt ";Well Condition:"";Well Repairs:""	
OXEW1714	1/24/2020 11:01	50.5	38.7	2.8	8.0	-29.1	65.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	9
Comments: An oxygen exceedance was detected at OXEW1714 on January 15, 2020. 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 24, 2020, and no further exceedance was detected.									
OXEW1802	2/10/2020 14:46	13.3	9.0	16.2	61.5	-28.4	111.9	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1802	2/10/2020 14:48	58.0	36.0	0.2	5.8	-11.0	109.2	Valve Adjustment:"Valve 100% open,Opened valve >1 turn";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OXEW1802 on February 10, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further exceedance was detected.									
OXEW1808	3/11/2020 13:36	60.3	39.7	0.0	0.0	1.9	111.6	Valve Adjustment:"NSPS/CAI,Opened valve 10% or less";Well Condition:"Header vacuum loss";Well Repairs:""	
OXEW1808	3/11/2020 13:38	60.0	40.0	0.0	0.0	1.9	111.7	Valve Adjustment:"NSPS,Valve 100% open";Well Condition:"Header vacuum loss";Well Repairs:""	
OXEW1808	3/24/2020 12:17	56.5	39.6	0.6	3.3	2.6	113.9	Valve Adjustment:"NSPS,Valve 100% open";Well Condition:"";Well Repairs:""	
OXEW1808	3/24/2020 12:18	58.2	40.1	0.5	1.2	2.4	114.0	Valve Adjustment:"NSPS";Well Condition:"Header vacuum loss";Well Repairs:""	
OXEW1808	3/27/2020 10:19	58.7	41.3	0.0	0.0	1.4	113.0	Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	20 (as of April 1, 2020)
Comments: A pressure exceedance was detected at OXEW1808 on March 11, 2020. 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 remains in exceedance.									
OXEW1809	3/27/2020 10:05	58.8	41.2	0.0	0.0	1.4	112.9	Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1809	3/30/2020 10:13	59.5	39.7	0.1	0.7	-16.1	124.3	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""	3
Comments: A pressure exceedance was detected at OXEW1809 on March 27, 2020. TT O&M personnel initiated corrective action, but the well remained in exceedance. The well was re-monitored on March 30, 2020, and no further exceedance was detected.									
OXEW1814	7/15/2019 10:45	0.6	0.9	20.3	78.2	-46.6	73.2	Valve Adjustment: NSPS/CAI,Valve at minimum position,Closed valve <25% ;Well Condition: ;Well Repairs:	
OXEW1814	7/15/2019 10:46	0.5	0.8	20.3	78.4	-46.4	73.2	Valve Adjustment: NSPS/CAI.No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1814	7/24/2019 14:37	3.9	3.4	19.2	73.5	-34.4	87.2	Valve Adjustment: NSPS/CAI.No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1814	7/24/2019 14:38	4.1	2.4	19.3	74.2	-34.1	87.2	Valve Adjustment: NSPS/CAI.No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1814	8/15/2019 11:36	1.7	0.9	20.2	77.2	-22.5	91.0	Valve Adjustment: NSPS/CAI.No change,Valve at minimum position ;Well Condition: ;Well Repairs:	

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
OXEW1814	8/27/2019 13:55	0.5	1.2	20.3	78.0	-27.4	84.4	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1814	8/27/2019 13:56	0.0	0.0	19.3	80.7	-27.4	84.7	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1814	9/13/2019 10:18	0.4	0.3	20.3	79.0	-42.6	96.4	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1814	9/13/2019 10:20	0.2	0.2	20.3	79.3	-42.2	97.5	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1814	9/24/2019 16:19	0.5	0.0	22.8	76.7	-37.6	92.0	Valve Adjustment: NSPS/CAI, Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1814	9/24/2019 16:21	0.1	0.0	22.8	77.1	-37.3	92.0	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1814	10/9/2019 11:59	0.8	4.5	19.9	74.8	-31.8	71.6	Valve Adjustment: NSPS/CAI, Closed valve 1/2 to 1 turn ;Well Condition: ;Well Repairs:	
OXEW1814	10/9/2019 12:01	0.8	2.7	19.7	76.8	-12.9	73.0	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position ;Well Condition: ;Well Repairs:	
OXEW1814	10/29/2019 11:41	2.2	5.0	19.8	73.0	-36.6	63.1	Valve Adjustment: NSPS/CAI, Closed valve >1 turn ;Well Condition; Well Repairs:	
OXEW1814	10/29/2019 11:42	1.7	3.6	19.7	75.0	-13.0	62.6	Valve Adjustment: NSPS/CAI, Closed valve >1 turn ;Well Condition; Well Repairs:	
OXEW1814	11/4/2019 11:04	0.4	3.7	20.8	75.1	-38.2	78.4	Valve Adjustment: "NSPS/CAI, Valve at minimum position, Closed valve 1/2 to 1 turn"; Well Condition: ""; Well Repairs: ""	
OXEW1814	11/4/2019 11:06	0.4	1.9	21.0	76.7	-38.1	78.6	Valve Adjustment: "NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less"; Well Condition: ""; Well Repairs: ""	<b>112 (on the date of decommissioning)</b>
Comments: An oxygen exceedance was detected at OXEW1814 on July 15, 2019. 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. On November 4, 2019, the well was decommissioned. Refer to Appendix G, the Wellfield SSM Log, for further details.									
OXEW1817	1/15/2020 14:05	58.4	41.6	0.0	0.0	0.6	98.9	Valve Adjustment: "NSPS/CAI, Opened valve 1/2 to 1 turn"; Well Condition: "Header vacuum loss"; Well Repairs: ""	
OXEW1817	1/15/2020 14:06	55.7	44.3	0.0	0.0	0.5	99.3	Valve Adjustment: "NSPS/CAI"; Well Condition: "Header vacuum loss"; Well Repairs: ""	
OXEW1817	1/24/2020 11:59	55.9	43.7	0.0	0.4	0.5	99.5	Valve Adjustment: "NSPS/CAI, Opened valve 1/2 turn or less"; Well Condition: "Header vacuum loss"; Well Repairs: ""	
OXEW1817	1/24/2020 12:02	56.2	43.8	0.0	0.0	0.6	99.3	Valve Adjustment: "NSPS/CAI"; Well Condition: "Header vacuum loss"; Well Repairs: ""	
OXEW1817	2/13/2020 12:47	58.0	42.0	0.0	0.0	0.4	99.4	Valve Adjustment: "NSPS/CAI, Opened valve 1/2 turn or less"; Well Condition: ""; Well Repairs: ""	
OXEW1817	2/13/2020 12:49	57.3	42.7	0.0	0.0	0.4	99.4	Valve Adjustment: "NSPS/CAI, Opened valve 1/2 turn or less"; Well Condition: ""; Well Repairs: ""	
OXEW1817	2/27/2020 11:47	57.1	42.3	0.0	0.6	0.6	78.0	Valve Adjustment: "NSPS/CAI, Opened valve 1/2 turn or less"; Well Condition: ""; Well Repairs: ""	
OXEW1817	2/27/2020 11:49	57.0	43.0	0.0	0.0	0.5	77.4	Valve Adjustment: "NSPS, Valve 100% open"; Well Condition: ""; Well Repairs: ""	
OXEW1817	3/12/2020 9:52	59.5	40.3	0.0	0.2	3.2	106.1	Valve Adjustment: "No change, Valve 100% open"; Well Condition: ""; Well Repairs: ""	
OXEW1817	3/12/2020 9:53	59.4	40.4	0.0	0.2	3.1	106.0	Valve Adjustment: "NSPS/CAI, No change, Valve 100% open"; Well Condition: ""; Well Repairs: ""	
OXEW1817	3/12/2020 14:03	59.3	40.7	0.0	0.0	3.3	101.7	Valve Adjustment: "NSPS/CAI, Opened valve 10% or less"; Well Condition: ""; Well Repairs: ""	
OXEW1817	3/12/2020 14:05	59.6	40.4	0.0	0.0	3.4	101.8	Valve Adjustment: "NSPS, Valve 100% open"; Well Condition: "Header vacuum loss"; Well Repairs: ""	
OXEW1817	3/27/2020 10:01	59.4	40.6	0.0	0.0	2.1	102.2	Valve Adjustment: "NSPS/CAI, Valve 100% open, Opened valve 1/2 turn or less"; Well Condition: ""; Well Repairs: ""	
OXEW1817	3/27/2020 10:04	59.0	41.0	0.0	0.0	2.1	102.3	Valve Adjustment: "NSPS/CAI, Valve 100% open, Opened valve 1/2 turn or less"; Well Condition: ""; Well Repairs: ""	<b>76 (as of April 1, 2020)</b>
Comments: A pressure exceedance was detected at OXEW1817 on January 15, 2020. 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 remains in exceedance.									

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
OXEW1823	3/24/2020 13:03	7.2	16.4	5.4	71.0	-18.8	54.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1823	3/24/2020 13:04	6.8	14.5	4.9	73.8	-1.3	51.6	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OXEW1823 on March 24, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further exceedance was detected.									
OXEW1826	10/29/2019 10:13	1.9	3.7	20.3	74.1	-1.5	58.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1826	10/29/2019 10:15	2.5	2.8	19.8	74.9	-1.5	58.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1826	11/12/2019 10:26	43.9	39.8	0.1	16.2	-6.3	77.9	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	14
Comments: An oxygen exceedance was detected at OXEW1826 on October 29, 2019. 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 12, 2019, and no further exceedance was detected.									
OXEW1901	2/21/2020 13:55	29.7	25.5	10.0	34.8	6.1	73.2	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1901	2/21/2020 13:56	54.5	41.4	1.0	3.1	-38.1	72.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	<1
Comments: Oxygen and pressure exceedances were detected at OXEW1901 on February 21, 2020. 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.									
OXEW1902	12/18/2019 11:09	59.0	41.0	0.0	0.0	0.5	62.1	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1902	12/18/2019 11:10	58.8	41.2	0.0	0.0	-3.9	63.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	<1
Comments: A pressure exceedance was detected at OXEW1902 on December 18, 2019. 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.									
OXEW1906	12/18/2019 10:52	59.9	40.1	0.0	0.0	1.1	101.5	Valve Adjustment:"NSPS/CAI,No change,Valve 100% open";Well Condition:"";Well Repairs:""	
OXEW1906	12/18/2019 10:53	59.8	40.2	0.0	0.0	1.1	101.5	Valve Adjustment:"NSPS/CAI,No change,Valve 100% open";Well Condition:"";Well Repairs:""	
OXEW1906	12/31/2019 9:25	57.1	38.3	0.7	3.9	-22.3	101.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"Surging in lateral";Well Repairs:""	13
Comments: A pressure exceedance was detected at OXEW1906 on December 18, 2019. 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 31, 2019, and no further exceedance was detected.									
OXEW1916	2/6/2020 14:20	55.8	40.2	0.0	4.0	0.2	73.8	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1916	2/6/2020 14:21	56.3	43.7	0.0	0.0	-38.7	73.3	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""	<1
Comments: A pressure exceedance was detected at OXEW1916 on February 6, 2020. 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.									
OXEW1917	2/27/2020 11:48	6.5	6.8	17.4	69.3	-38.4	80.1	Valve Adjustment:"NSPS/CAI,Closed valve >10%,Valve 80% open";Well Condition:"";Well Repairs:""	
OXEW1917	2/27/2020 11:50	6.9	7.0	17.2	68.9	-38.1	80.2	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""	
OXEW1917	3/11/2020 10:00	2.9	2.5	20.0	74.6	-21.5	75.6	Valve Adjustment:"NSPS/CAI,Closed valve 10% or less,Valve 75% open";Well Condition:"";Well Repairs:""	
OXEW1917	3/26/2020 12:44	3.0	3.3	19.8	73.9	-25.9	54.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1917	3/26/2020 12:46	3.5	3.6	19.5	73.4	-20.8	56.1	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""	34 (as of April 1, 2020)
Comments: An oxygen exceedance was detected at OXEW1917 on February 27, 2020. 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 remains in exceedance.									
OXEW1918	9/16/2019 13:41	9.0	13.0	11.4	66.6	-14.2	72.7	Valve Adjustment: NSPS/CAI,Closed valve 1/2 to 1 turn ;Well Condition: ;Well Repairs:	
OXEW1918	9/16/2019 13:43	7.6	9.7	11.9	70.8	-10.1	73.0	Valve Adjustment: NSPS/CAI,Closed valve 1/2 to 1 turn ;Well Condition: ;Well Repairs:	
OXEW1918	9/23/2019 15:33	10.6	12.2	10.2	67.0	-3.2	85.3	Valve Adjustment: NSPS/CAI,Opened valve 1/2 to 1 turn ;Well Condition: ;Well Repairs:	
OXEW1918	9/23/2019 15:35	14.8	13.9	8.0	63.3	-21.3	80.4	Valve Adjustment: NSPS/CAI,Closed valve >1 turn ;Well Condition: ;Well Repairs:	

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
OXEW1918	10/1/2019 11:03	55.8	38.1	0.0	6.1	0.0	71.2	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1918	10/1/2019 11:04	52.2	35.2	4.2	8.4	-3.2	73.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	15
Comments: An oxygen exceedance was detected at OXEW1918 on September 16, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the date noted above, but the well remained in exceedance. The well was re-monitored on October 1, 2019, and no further oxygen exceedance was detected, but an additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further exceedance was detected.									
OXEW1918	10/22/2019 14:47	11.8	15.9	9.7	62.6	-3.4	88.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1918	10/22/2019 14:48	11.8	15.8	10.0	62.4	-1.6	88.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1918	11/1/2019 12:10	60.8	37.0	0.0	2.2	-2.5	78.1	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	10
Comments: An oxygen exceedance was detected at OXEW1918 on October 22, 2019. 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 1, 2019, and no further exceedance was detected.									
OXEW1918	11/8/2019 13:26	13.1	15.1	10.4	61.4	-9.0	83.7	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1918	11/8/2019 13:28	13.5	15.3	10.6	60.6	-6.3	84.0	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1918	11/19/2019 11:05	12.8	13.7	10.7	62.8	-4.2	82.2	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1918	11/19/2019 11:07	14.8	14.3	10.0	60.9	-20.3	85.3	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEW1918	11/20/2019 10:08	55.6	39.5	0.0	4.9	-0.1	70.2	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	12
Comments: An oxygen exceedance was detected at OXEW1918 on November 8, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the date noted above, but the well remained in exceedance. The well was re-monitored on November 20, 2019, and no further exceedance was detected.									
OXEW1918	12/23/2019 11:33	19.7	24.6	5.9	49.8	-6.7	85.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1918	12/23/2019 11:35	19.4	24.3	5.8	50.5	-6.7	85.1	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEW1918	1/2/2020 14:23	15.7	21.3	7.6	55.4	-9.0	91.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXEW1918	1/2/2020 14:24	15.3	20.5	7.9	56.3	-2.8	87.8	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXEW1918	1/7/2020 10:54	17.0	18.4	9.2	55.4	-32.3	91.9	Valve Adjustment:"NSPS/CAI,No change,Valve at optimum position";Well Condition:"";Well Repairs:""	
OXEW1918	1/7/2020 10:55	17.0	18.0	9.2	55.8	-32.3	92.1	Valve Adjustment:"NSPS/CAI,No change,Valve at optimum position";Well Condition:"";Well Repairs:""	
OXEW1918	1/17/2020 10:15	11.1	15.5	11.2	62.2	-33.7	87.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1918	1/17/2020 10:17	10.1	14.9	11.1	63.9	-33.7	87.8	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXEW1918	2/5/2020 12:00	9.6	11.3	12.6	66.5	-33.6	68.7	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXEW1918	2/5/2020 12:02	9.3	11.5	12.5	66.7	-33.7	68.8	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXEW1918	2/6/2020 11:18	9.9	12.8	12.4	64.9	-33.4	92.6	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1918	2/6/2020 11:19	9.3	11.6	12.5	66.6	-33.7	92.5	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1918	2/27/2020 11:11	12.9	16.9	14.6	55.6	-30.4	89.8	Valve Adjustment:"NSPS,No Change";Well Condition:"";Well Repairs:""	
OXEW1918	3/10/2020 10:54	9.5	11.5	14.7	64.3	-4.1	90.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1918	3/10/2020 10:54	9.3	10.3	14.7	65.7	-3.7	88.5	Valve Adjustment:"NSPS,No Change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEW1918	3/23/2020 13:27	61.6	37.1	0.0	1.3	-0.2	59.8	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	91
Comments: An oxygen exceedance was detected at OXEW1918 on December 23, 2019. 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 March 23, 2020, 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
OXEW1920	2/6/2020 11:23	25.0	17.9	7.1	50.0	-0.2	72.6	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEW1920	2/6/2020 11:31	29.1	20.8	4.9	45.2	-2.4	66.7	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OXEW1920 on February 6, 2020. 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.									
OXEWHC6A	11/12/2019 13:07	25.9	30.7	5.1	38.3	-0.5	91.8	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEWHC6A	11/12/2019 13:09	25.7	30.6	5.1	38.6	-0.7	91.6	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXEWHC6A	11/14/2019 14:48	32.7	31.9	2.7	32.7	-0.3	56.1	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""	2
Comments: An oxygen exceedance was detected at OXEWHC6A on November 12, 2019. 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 14, 2019, and no further exceedance was detected.									
OXEWHC6A	12/12/2019 12:23	23.8	27.2	5.9	43.1	-30.7	59.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEWHC6A	12/12/2019 12:25	22.4	24.5	6.0	47.1	-20.7	59.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	
OXEWHC6A	12/19/2019 12:39	19.9	17.7	11.7	50.7	-31.9	61.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXEWHC6A	12/19/2019 12:40	19.3	18.0	14.6	48.1	-18.3	61.5	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEWHC6A	12/20/2019 9:24	0.3	0.7	19.5	79.5	-11.5	53.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	
OXEWHC6A	12/20/2019 9:28	0.3	1.0	19.7	79.0	-1.2	53.2	Valve Adjustment:"Opened valve <10%";Well Condition:"";Well Repairs:""	
OXEWHC6A	12/23/2019 11:57	10.7	10.6	15.5	63.2	-31.7	59.0	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEWHC6A	12/23/2019 11:59	10.0	10.3	15.8	63.9	-31.9	60.3	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXEWHC6A	1/15/2020 14:47	15.6	14.7	14.9	54.8	-34.5	60.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEWHC6A	1/15/2020 14:49	14.5	13.8	14.8	56.9	-34.7	60.4	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXEWHC6A	1/17/2020 11:05	12.9	14.3	14.3	58.5	-43.4	60.2	Valve Adjustment:"NSPS/CAL exempt ";Well Condition:"";Well Repairs:""	
OXEWHC6A	2/6/2020 10:25	7.9	9.1	16.1	66.9	-42.4	71.3	Valve Adjustment:"No change,NSPS/CAL exempt ";Well Condition:"";Well Repairs:""	
OXEWHC6A	2/27/2020 10:31	17.7	18.2	12.4	51.7	-5.7	82.9	Valve Adjustment:"No Change,Valve 5% open";Well Condition:"Oxygen HOV 20%";Well Repairs:""	
OXEWHC6A	3/10/2020 10:21	21.6	22.8	11.1	44.5	-2.6	63.9	Valve Adjustment:"Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXEWHC6A	3/24/2020 14:04	19.9	18.4	12.5	49.2	-3.6	57.0	Valve Adjustment:"No Change";Well Condition:"Oxygen HOV 20%";Well Repairs:""	110 (as of April 1, 2020)
Comments: An oxygen exceedance was detected at OXEWHC6A on December 12, 2019. 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 remains in exceedance.									
OXHC1901	1/15/2020 14:02	9.9	10.5	17.3	62.3	-30.5	52.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXHC1901	1/15/2020 14:03	11.0	8.6	17.1	63.3	-30.5	49.8	Valve Adjustment:"NSPS/CAL exempt ";Well Condition:"";Well Repairs:""	
OXHC1901	1/24/2020 11:32	0.4	0.4	19.8	79.4	-28.8	61.3	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXHC1901	1/24/2020 11:33	0.4	0.6	19.7	79.3	-29.1	61.5	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXHC1901	2/13/2020 12:17	0.2	0.5	22.4	76.9	-16.6	50.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXHC1901	2/13/2020 12:20	0.2	0.3	22.4	77.1	-30.5	50.7	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXHC1901	2/27/2020 11:56	34.0	26.8	8.5	30.7	-26.0	72.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	

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
OXHC1901	2/27/2020 11:57	30.8	27.8	10.7	30.7	-22.9	72.6	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXHC1901	3/12/2020 9:07	8.5	5.1	17.6	68.8	-18.8	63.0	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXHC1901	3/12/2020 9:13	5.8	4.0	18.6	71.6	-18.2	63.0	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXHC1901	3/27/2020 11:04	0.5	2.6	20.8	76.1	-15.2	54.4	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXHC1901	3/27/2020 11:10	0.3	0.7	21.2	77.8	-24.3	55.0	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	<b>76 (as of April 1, 2020)</b>
Comments: An oxygen exceedance was detected at OXHC1901 on January 15, 2020. 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 remains in exceedance.									
OXHC1922	12/17/2019 12:32	58.2	41.5	0.0	0.3	0.4	63.0	Valve Adjustment:"";Well Comment:"First reading on new well";Well Condition:"";Well Repairs:""	
OXHC1922	12/17/2019 12:38	58.2	41.5	0.0	0.3	0.4	63.3	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXHC1922	12/17/2019 13:28	58.0	41.1	0.0	0.9	-0.1	61.4	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	<b>&lt;1</b>
Comments: A pressure exceedance was detected at OXHC1922 on December 17, 2019. 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.									
OXLCR4A1	8/15/2019 12:13	26.7	18.3	11.1	43.9	-1.0	111.7	Valve Adjustment: NSPS/CAI,Closed valve 1/2 to 1 turn;Well Condition;Well Repairs:	
OXLCR4A1	8/15/2019 12:16	29.8	18.2	10.0	42.0	-0.3	111.6	Valve Adjustment: NSPS/CAI,Closed valve 1/2 turn or less;Well Condition;Well Repairs:	
OXLCR4A1	8/26/2019 12:11	16.1	12.5	14.8	56.6	-0.1	87.6	Valve Adjustment: NSPS/CAI,No change;Well Condition;Well Repairs:	
OXLCR4A1	8/26/2019 12:12	15.8	12.1	14.8	57.3	-0.1	89.2	Valve Adjustment: NSPS/CAI,No change;Well Condition;Well Repairs:	
OXLCR4A1	9/6/2019 15:28	0.1	0.0	20.2	79.7	0.0	74.7	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	
OXLCR4A1	9/6/2019 15:29	0.1	0.0	20.2	79.7	-0.1	74.7	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	
OXLCR4A1	9/16/2019 12:57	0.1	0.1	20.5	79.3	0.0	72.9	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	
OXLCR4A1	9/16/2019 12:59	0.1	0.1	20.5	79.3	-0.1	81.5	Valve Adjustment: NSPS/CAI,No change;Well Condition;Well Repairs:	
OXLCR4A1	10/1/2019 12:35	0.2	0.1	20.7	79.0	-0.1	88.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCR4A1	10/1/2019 12:36	0.2	0.2	20.1	79.5	-0.1	87.6	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCR4A1	10/24/2019 10:51	0.4	3.3	20.8	75.5	-0.3	76.5	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCR4A1	10/24/2019 10:52	0.2	1.8	20.6	77.4	-0.1	77.2	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCR4A1	11/12/2019 13:29	1.0	4.0	20.3	74.7	-0.1	94.8	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXLCR4A1	11/12/2019 13:31	0.3	1.6	19.9	78.2	-0.1	95.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCR4A1	11/20/2019 11:29	0.3	1.8	20.5	77.4	-0.1	73.6	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCR4A1	11/20/2019 11:30	0.1	1.0	20.3	78.6	-0.1	73.8	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCR4A1	12/2/2019 16:06	53.3	46.0	0.0	0.7	-1.1	57.4	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""	<b>109</b>
Comments: An oxygen exceedance was detected at OXLCR4A1 on August 15, 2019. 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 2, 2019, 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
OXL4A1	3/26/2020 14:46	37.3	28.1	7.5	27.1	-3.0	65.7	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""	
OXL4A1	3/26/2020 14:48	36.8	28.1	7.5	27.6	-2.1	65.8	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""	
OXL4A1	3/30/2020 9:33	42.9	33.4	5.3	18.4	-1.4	62.8	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""	
OXL4A1	3/30/2020 9:35	43.0	32.4	5.5	19.1	-1.0	62.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	<b>5 (as of April 1, 2020)</b>
Comments: An oxygen exceedance was detected at OXL4A1 on March 26, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, but the well remains in exceedance.									
OXL4A2	8/15/2019 12:18	31.1	19.8	9.5	39.6	-0.6	111.7	Valve Adjustment: NSPS/CAI,Closed valve 1/2 turn or less;Well Condition;Well Repairs:	
OXL4A2	8/15/2019 12:19	31.7	20.9	9.3	38.1	-0.3	111.6	Valve Adjustment: NSPS/CAI,Closed valve 1/2 turn or less;Well Condition;Well Repairs:	
OXL4A2	8/26/2019 12:14	8.1	7.9	19.5	64.5	-0.1	90.9	Valve Adjustment: NSPS/CAI,No change;Well Condition;Well Repairs:	
OXL4A2	8/26/2019 12:16	2.6	3.3	19.5	74.6	-0.1	91.2	Valve Adjustment: NSPS/CAI,No change;Well Condition;Well Repairs:	
OXL4A2	9/6/2019 15:31	0.1	0.0	20.2	79.7	-0.1	73.0	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	
OXL4A2	9/6/2019 15:32	0.1	0.0	20.2	79.7	-0.1	73.2	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	
OXL4A2	9/16/2019 13:02	0.0	0.0	20.6	79.4	-0.1	75.4	Valve Adjustment: NSPS/CAI,No change;Well Condition;Well Repairs:	
OXL4A2	9/16/2019 13:04	0.0	0.0	20.6	79.4	0.0	75.7	Valve Adjustment: NSPS/CAI,No change;Well Condition;Well Repairs:	
OXL4A2	10/1/2019 12:38	0.3	0.4	20.7	78.6	-0.1	82.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4A2	10/1/2019 12:39	0.1	0.1	20.5	79.3	-0.1	84.7	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4A2	10/24/2019 10:55	0.7	1.9	20.6	76.8	-0.1	79.7	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4A2	10/24/2019 10:57	0.2	1.8	20.4	77.6	-0.2	81.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4A2	11/12/2019 13:31	0.1	0.7	20.5	78.7	-0.1	92.8	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4A2	11/12/2019 13:33	0.0	0.3	20.4	79.3	-0.2	93.0	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4A2	11/20/2019 11:31	0.6	1.4	20.1	77.9	-0.1	73.4	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4A2	11/20/2019 11:33	0.3	1.6	20.1	78.0	-0.1	73.9	Valve Adjustment:"NSPS/CAI,No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4A2	12/2/2019 16:11	46.2	46.9	1.8	5.1	-0.2	57.7	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""	<b>109</b>
Comments: An oxygen exceedance was detected at OXL4A2 on August 15, 2019. 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 2, 2019, and no further exceedance was detected.									
OXL4A2	3/26/2020 14:49	37.0	28.1	7.4	27.5	-1.5	64.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXL4A2	3/26/2020 14:52	37.2	28.5	7.3	27.0	-1.0	63.3	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""	
OXL4A2	3/30/2020 9:39	44.8	32.6	4.9	17.7	-0.6	60.6	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""	<b>4</b>
Comments: An oxygen exceedance was detected at OXL4A2 on March 26, 2020. 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 30, 2020, and no further exceedance was detected.									
OXL4B1	8/15/2019 12:22	0.4	1.6	19.9	78.1	-20.6	97.9	Valve Adjustment: NSPS/CAI,Valve at minimum position,Closed valve >1 turn;Well Condition;Well Repairs:	
OXL4B1	8/15/2019 12:23	0.2	0.2	20.0	79.6	-20.9	97.7	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position;Well Condition;Well Repairs:	

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
OXLCR4B1	8/26/2019 12:14	15.6	11.9	14.9	57.6	-0.2	88.7	Valve Adjustment: NSPS/CAI, No change; Well Condition; Well Repairs:	
OXLCR4B1	8/26/2019 12:18	0.4	0.8	20.4	78.4	-0.1	86.0	Valve Adjustment: NSPS/CAI, No change; Well Condition; Well Repairs:	
OXLCR4B1	9/6/2019 15:20	0.5	2.5	19.9	77.1	-0.1	70.9	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position; Well Condition; Well Repairs:	
OXLCR4B1	9/6/2019 15:21	0.3	0.7	20.0	79.0	-0.3	71.4	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position; Well Condition; Well Repairs:	
OXLCR4B1	9/16/2019 13:08	0.1	0.0	20.5	79.4	-0.1	71.4	Valve Adjustment: NSPS/CAI, No change; Well Condition; Well Repairs:	
OXLCR4B1	9/16/2019 13:09	0.1	0.0	20.4	79.5	0.0	72.1	Valve Adjustment: NSPS/CAI, No change; Well Condition; Well Repairs:	
OXLCR4B1	10/1/2019 12:41	0.1	0.0	20.8	79.1	-0.1	76.6	Valve Adjustment: "NSPS/CAI, No change, Valve at minimum position"; Well Condition: ""; Well Repairs: ""	
OXLCR4B1	10/1/2019 12:42	0.0	0.0	20.6	79.4	-0.2	84.6	Valve Adjustment: "NSPS/CAI, No change, Valve at minimum position"; Well Condition: ""; Well Repairs: ""	
OXLCR4B1	10/24/2019 10:59	0.0	0.7	21.0	78.3	-0.1	82.9	Valve Adjustment: "NSPS/CAI, No change, Valve at minimum position"; Well Condition: ""; Well Repairs: ""	
OXLCR4B1	10/24/2019 11:00	0.0	0.4	20.9	78.7	-0.2	85.1	Valve Adjustment: "NSPS/CAI, No change, Valve at minimum position"; Well Condition: ""; Well Repairs: ""	
OXLCR4B1	11/12/2019 13:33	0.2	0.3	20.3	79.2	-0.3	87.1	Valve Adjustment: "NSPS/CAI, No change, Valve at minimum position"; Well Condition: ""; Well Repairs: ""	
OXLCR4B1	11/12/2019 13:35	0.1	0.4	20.2	79.3	-0.1	89.1	Valve Adjustment: "NSPS/CAI, No change, Valve at minimum position"; Well Condition: ""; Well Repairs: ""	
OXLCR4B1	11/20/2019 11:34	0.3	1.4	20.4	77.9	-0.1	72.9	Valve Adjustment: "NSPS/CAI, No change, Valve at minimum position"; Well Condition: ""; Well Repairs: ""	
OXLCR4B1	11/20/2019 11:35	0.1	1.0	20.3	78.6	-0.2	73.2	Valve Adjustment: "NSPS/CAI, No change, Valve at minimum position"; Well Condition: ""; Well Repairs: ""	
OXLCR4B1	12/2/2019 16:14	51.8	47.9	0.0	0.3	-0.1	56.8	Valve Adjustment: "Valve at minimum position"; Well Condition: ""; Well Repairs: ""	109
Comments: An oxygen exceedance was detected at OXLCR4B1 on August 15, 2019. 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 2, 2019, and no further exceedance was detected.									
OXLCR4B1	3/26/2020 14:54	40.2	32.0	6.2	21.6	-4.1	70.7	Valve Adjustment: "NSPS/CAI, Closed valve >1 turn"; Well Condition: ""; Well Repairs: ""	
OXLCR4B1	3/26/2020 14:55	41.1	32.9	5.8	20.2	-2.1	71.2	Valve Adjustment: "NSPS"; Well Condition: ""; Well Repairs: ""	
OXLCR4B1	3/30/2020 9:42	44.4	33.2	4.8	17.6	-2.0	65.9	Valve Adjustment: "Closed valve 1/2 turn or less"; Well Condition: ""; Well Repairs: ""	4
Comments: An oxygen exceedance was detected at OXLCR4B1 on March 26, 2020. 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 30, 2020, and no further exceedance was detected.									
OXLCR4B2	8/15/2019 12:26	0.1	0.1	20.1	79.7	-20.6	95.0	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve >1 turn; Well Condition; Well Repairs:	
OXLCR4B2	8/15/2019 12:26	0.1	0.0	20.1	79.8	-18.9	95.0	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position; Well Condition; Well Repairs:	
OXLCR4B2	8/26/2019 12:20	0.0	0.2	20.5	79.3	-0.1	84.9	Valve Adjustment: NSPS/CAI, No change; Well Condition; Well Repairs:	
OXLCR4B2	8/26/2019 12:21	0.1	0.1	20.4	79.4	-0.1	86.4	Valve Adjustment: NSPS/CAI, No change; Well Condition; Well Repairs:	
OXLCR4B2	9/6/2019 15:24	0.1	0.1	20.2	79.6	-0.1	71.6	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position; Well Condition; Well Repairs:	
OXLCR4B2	9/6/2019 15:25	0.1	0.1	20.2	79.6	-0.1	71.8	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position; Well Condition; Well Repairs:	
OXLCR4B2	9/16/2019 13:11	0.0	0.0	20.6	79.4	0.0	77.4	Valve Adjustment: NSPS/CAI, No change; Well Condition; Well Repairs:	
OXLCR4B2	9/16/2019 13:12	0.0	0.0	20.5	79.5	0.0	77.8	Valve Adjustment: NSPS/CAI, No change; Well Condition; Well Repairs:	

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
OXL4B2	10/1/2019 12:44	0.0	0.0	20.9	79.1	-0.1	71.8	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4B2	10/1/2019 12:44	0.0	0.0	20.8	79.2	-0.1	76.6	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4B2	10/24/2019 11:02	0.0	0.2	21.0	78.8	-0.1	82.9	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4B2	10/24/2019 11:04	0.0	0.2	20.7	79.1	-0.1	84.6	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4B2	11/12/2019 13:35	0.1	0.4	20.3	79.2	-0.1	88.7	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4B2	11/12/2019 13:37	0.2	0.4	20.3	79.1	-0.1	90.9	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4B2	11/20/2019 11:36	0.1	0.7	20.3	78.9	-0.1	71.4	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4B2	11/20/2019 11:38	0.1	0.6	20.3	79.0	-0.1	70.9	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXL4B2	12/2/2019 16:17	51.7	48.1	0.0	0.2	-0.1	57.0	Valve Adjustment:"Valve at minimum position";Well Condition:"";Well Repairs:""	109
Comments: An oxygen exceedance was detected at OXL4B2 on August 15, 2019. 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 2, 2019, and no further exceedance was detected.									
OXL4B2	3/26/2020 14:57	42.2	33.3	5.5	19.0	-2.5	68.9	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXL4B2	3/26/2020 14:58	43.7	34.5	4.9	16.9	-1.3	69.4	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OXL4B2 on March 26, 2020. 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.									
OXL4S01	6/13/2019 10:04	41.2	29.7	5.3	23.8	-36.9	61.7	Valve Adjustment: NSPS/CAI,Closed valve 1/2 turn or less ;Well Condition: ;Well Repairs:	
OXL4S01	6/13/2019 10:05	40.5	29.2	6.2	24.1	-36.8	61.7	Valve Adjustment: NSPS/CAI,Closed valve 1/2 turn or less ;Well Condition: ;Well Repairs:	
OXL4S01	6/19/2019 10:46	41.5	29.4	5.5	23.6	-34.0	66.7	Valve Adjustment: NSPS/CAI,Closed valve 1/2 turn or less ;Well Condition: ;Well Repairs:	
OXL4S01	6/19/2019 10:47	39.5	28.4	6.0	26.1	-33.3	66.7	Valve Adjustment: NSPS/CAI,Valve at minimum position,Closed valve 1/2 to 1 turn ;Well Condition: ;Well Repairs:	
OXL4S01	7/12/2019 10:42	1.9	1.5	20.6	76.0	-0.4	63.3	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXL4S01	7/12/2019 10:43	1.5	1.0	20.7	76.8	-0.5	62.3	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXL4S01	7/17/2019 12:56	0.0	0.0	21.1	78.9	-0.6	90.3	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXL4S01	7/17/2019 12:57	0.0	0.0	21.1	78.9	-0.7	90.3	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXL4S01	8/14/2019 11:02	0.1	0.5	20.1	79.3	-0.3	103.3	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXL4S01	8/14/2019 11:05	0.1	0.2	20.1	79.6	-0.3	103.3	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXL4S01	8/26/2019 11:41	0.2	0.7	20.3	78.8	-0.6	91.4	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXL4S01	8/26/2019 11:42	0.2	0.2	20.3	79.3	-0.6	91.4	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXL4S01	9/12/2019 9:34	0.1	0.3	20.1	79.5	-44.7	86.4	Valve Adjustment: NSPS/CAI,Opened valve >1 turn ;Well Condition: ;Well Repairs:	
OXL4S01	9/12/2019 9:35	0.2	0.6	19.9	79.3	-41.4	87.6	Valve Adjustment: NSPS/CAI,Closed valve >1 turn ;Well Condition: ;Well Repairs:	
OXL4S01	9/20/2019 12:15	0.4	0.3	19.5	79.8	0.0	93.7	Valve Adjustment: NSPS/CAI,No change,Valve at minimum position ;Well Condition: ;Well Repairs:	

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
OXLCRS01	9/20/2019 12:16	0.7	0.4	19.4	79.5	-0.7	97.5	Valve Adjustment: NSPS/CAI.No change,Valve at minimum position ;Well Condition: ;Well Repairs:	
OXLCRS01	10/1/2019 14:39	0.0	0.0	21.0	79.0	-0.8	77.4	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCRS01	10/1/2019 14:40	0.0	0.1	20.8	79.1	-0.1	78.6	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCRS01	10/7/2019 11:30	6.2	3.0	17.8	73.0	-41.1	98.2	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCRS01	10/7/2019 11:31	6.1	2.9	17.5	73.5	-41.0	92.4	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCRS01	10/9/2019 14:30	4.4	6.0	17.5	72.1	-35.9	87.8	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXLCRS01	10/9/2019 14:32	4.5	4.8	17.4	73.3	-35.4	87.8	Valve Adjustment:"NSPS/CAI.No change,Valve at minimum position";Well Condition:"";Well Repairs:""	<b>118 (on the date of decommissioning)</b>
Comments: A oxygen exceedance was detected at OXLCRS01 on June 13, 2019. 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. On October 9, 2019, the well was decommissioned. Refer to Appendix G, the Wellfield SSM Log, for further details.									
OXLCRS3A	8/14/2019 14:44	55.2	44.8	0.0	0.0	42.4	101.7	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3A	8/14/2019 14:45	54.4	45.6	0.0	0.0	43.3	101.7	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3A	8/26/2019 13:01	58.3	41.6	0.1	0.0	37.4	97.0	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3A	8/26/2019 13:02	58.1	41.9	0.0	0.0	44.0	96.6	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3A	9/12/2019 14:37	56.5	43.5	0.0	0.0	30.1	103.1	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3A	9/12/2019 14:38	55.7	44.3	0.0	0.0	8.6	103.1	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3A	9/20/2019 11:00	58.8	41.1	0.0	0.1	30.0	97.3	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3A	9/20/2019 11:00	58.2	41.8	0.0	0.0	23.1	97.3	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3A	10/11/2019 12:24	59.3	40.7	0.0	0.0	-35.8	92.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""	<b>58</b>
Comments: A pressure exceedance was detected at OXLCRS3A on August 14, 2019. 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 October 11, 2019, and no further exceedance was detected.									
OXLCRS3B	8/14/2019 14:48	54.3	45.7	0.0	0.0	38.0	100.4	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3B	8/14/2019 14:49	54.4	45.6	0.0	0.0	19.4	100.6	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3B	8/26/2019 13:05	57.8	42.2	0.0	0.0	29.6	96.1	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3B	8/26/2019 13:06	58.0	42.0	0.0	0.0	22.2	96.3	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3B	9/12/2019 14:40	55.6	44.4	0.0	0.0	20.9	100.8	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3B	9/12/2019 14:41	55.5	44.4	0.1	0.0	8.4	100.9	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3B	9/20/2019 11:03	58.1	41.9	0.0	0.0	25.4	96.3	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3B	9/20/2019 11:04	58.0	42.0	0.0	0.0	25.4	96.4	Valve Adjustment: NSPS/CAI.No change,Valve 100% open ;Well Condition: ;Well Repairs:	
OXLCRS3B	10/11/2019 12:26	57.9	42.1	0.0	0.0	-36.0	93.9	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""	<b>58</b>
Comments: A pressure exceedance was detected at OXLCRS3B on August 14, 2019. 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 October 11, 2019, 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
OXME302D	9/20/2019 14:12	61.4	38.5	0.0	0.1	0.7	107.4	Valve Adjustment: NSPS/CAI, No change, Valve 100% open; Well Condition; Well Repairs:	
OXME302D	9/20/2019 14:15	60.6	39.3	0.1	0.0	0.9	107.6	Valve Adjustment: NSPS/CAI, No change, Valve 100% open; Well Condition; Well Repairs:	
OXME302D	10/4/2019 9:44	59.4	40.6	0.0	0.0	0.6	103.8	Valve Adjustment: "NSPS/CAI, Opened valve 1/2 turn or less"; Well Condition: ""; Well Repairs: ""	
OXME302D	10/4/2019 9:45	59.0	41.0	0.0	0.0	-0.4	103.8	Valve Adjustment: "No change"; Well Condition: ""; Well Repairs: ""	14
Comments: A pressure exceedance was detected at OXME302D on September 20, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, but the well remained in exceedance. The well was re-monitored on October 4, 2019, and no further exceedance was detected.									
OXME302D	10/4/2019 9:44	59.4	40.6	0.0	0.0	0.6	103.8	Valve Adjustment: "NSPS/CAI, Opened valve 1/2 turn or less"; Well Condition: ""; Well Repairs: ""	
OXME302D	10/4/2019 9:45	59.0	41.0	0.0	0.0	-0.4	103.8	Valve Adjustment: "No change"; Well Condition: ""; Well Repairs: ""	<1
Comments: A pressure exceedance was detected at OXME302D on October 4, 2019. 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.									
OXME302D	10/29/2019 11:19	59.0	39.7	0.0	1.3	2.4	100.9	Valve Adjustment: "NSPS/CAI, No change"; Well Condition: ""; Well Repairs: ""	
OXME302D	10/29/2019 11:20	58.3	41.7	0.0	0.0	2.4	101.3	Valve Adjustment: "NSPS/CAI, No change"; Well Condition: ""; Well Repairs: ""	
OXME302D	11/12/2019 10:15	58.0	42.0	0.0	0.0	-0.5	103.3	Valve Adjustment: "Opened valve 1/2 to 1 turn"; Well Condition: ""; Well Repairs: ""	14
Comments: A pressure exceedance was detected at OXME302D on October 29, 2019. 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 12, 2019, and no further exceedance was detected.									
OXME302D	1/22/2020 12:39	41.5	27.9	6.8	23.8	-22.2	119.3	Valve Adjustment: "NSPS/CAI, Closed valve 1/2 to 1 turn"; Well Condition: ""; Well Repairs: ""	
OXME302D	1/22/2020 12:41	43.8	29.3	5.9	21.0	-15.5	118.0	Valve Adjustment: "Valve at optimum position, NSPS/CAL exempt "; Well Condition: ""; Well Repairs: ""	
OXME302D	2/5/2020 9:29	46.3	32.2	4.9	16.6	-14.8	117.3	Valve Adjustment: "Closed valve 1/2 to 1 turn"; Well Condition: ""; Well Repairs: ""	14
Comments: An oxygen exceedance was detected at OXME302D on January 22, 2020. 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 5, 2020, and no further exceedance was detected.									
OXME305D	10/4/2019 12:56	55.8	44.2	0.0	0.0	-6.6	136.2	Valve Adjustment: "NSPS/CAI, Closed valve 1/2 to 1 turn"; Well Condition: ""; Well Repairs: ""	
OXME305D	10/4/2019 12:57	58.7	40.6	0.0	0.7	-3.2	129.9	Valve Adjustment: "Opened valve 1/2 turn or less"; Well Condition: ""; Well Repairs: ""	<1
Comments: A temperature exceedance was detected at OXME305D on October 4, 2019. 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.									
OXME305D	3/23/2020 12:12	48.4	33.9	4.2	13.5	-7.1	131.7	Valve Adjustment: "NSPS/CAI, Closed valve 1/2 turn to 1 turn"; Well Condition: ""; Well Repairs: ""	
OXME305D	3/23/2020 12:13	45.5	32.5	4.2	17.8	-5.4	129.7	Valve Adjustment: "No Change"; Well Condition: ""; Well Repairs: ""	<1
Comments: A temperature exceedance was detected at OXME305D on March 23, 2020. 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.									
OXME312D	2/21/2020 12:49	54.8	41.6	0.0	3.6	0.8	107.8	Valve Adjustment: "NSPS/CAI, Opened valve >1 turn"; Well Condition: ""; Well Repairs: ""	
OXME312D	2/21/2020 12:50	54.3	41.7	0.1	3.9	-6.6	123.3	Valve Adjustment: "No change, Valve at optimum position"; Well Condition: ""; Well Repairs: ""	<1
Comments: A pressure exceedance was detected at OXME312D on February 21, 2020. 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.									
OXMEW156	1/7/2020 9:53	57.2	41.5	0.0	1.3	0.2	59.0	Valve Adjustment: "NSPS/CAI, No change, Valve 100% open"; Well Condition: ""; Well Repairs: ""	
OXMEW156	1/7/2020 9:54	57.3	42.7	0.0	0.0	0.2	59.5	Valve Adjustment: "NSPS/CAI, No change, Valve 100% open"; Well Condition: ""; Well Repairs: ""	
OXMEW156	1/17/2020 10:58	54.8	45.2	0.0	0.0	-10.6	60.3	Valve Adjustment: "No change, Valve 100% open"; Well Condition: ""; Well Repairs: ""	10
Comments: A pressure exceedance was detected at OXMEW156 on January 7, 2020. 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 17, 2020, 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
OXMEW162	9/20/2019 10:29	36.4	23.9	11.9	27.8	7.0	83.3	Valve Adjustment: NSPS/CAI, Opened valve >1 turn; Well Condition; Well Repairs:	
OXMEW162	9/20/2019 10:32	31.7	20.6	10.9	36.8	-39.8	81.1	Valve Adjustment: NSPS/CAI, Closed valve >1 turn; Well Condition; Well Repairs:	
OXMEW162	10/4/2019 9:37	60.4	37.9	0.0	1.7	21.9	72.5	Valve Adjustment: "NSPS/CAI, Opened valve 1/2 to 1 turn"; Well Condition: ""; Well Repairs: ""	
OXMEW162	10/4/2019 9:38	59.9	39.2	0.2	0.7	-4.5	75.4	Valve Adjustment: "Opened valve 1/2 turn or less"; Well Condition: ""; Well Repairs: ""	14
Comments: Oxygen and pressure exceedances were detected at OXMEW162 on September 20, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further pressure exceedance was detected, but the oxygen exceedance remained. The well was re-monitored on October 4, 2019, and no further oxygen exceedance was detected, but the pressure exceedance returned. 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.									
OXMEW164	7/1/2019 18:03	1.3	0.4	20.1	78.2	30.8	78.3	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position; Well Condition; Well Repairs:	
OXMEW164	7/1/2019 18:04	0.4	0.0	20.5	79.1	70.5	77.5	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position; Well Condition; Well Repairs:	
OXMEW164	7/12/2019 13:22	4.7	2.4	19.2	73.7	-14.2	81.5	Valve Adjustment: NSPS/CAI, Closed valve 1/2 to 1 turn; Well Condition; Well Repairs:	
OXMEW164	7/12/2019 13:24	2.8	1.2	19.7	76.3	-2.0	81.9	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position; Well Condition; Well Repairs:	
OXMEW164	7/17/2019 12:43	1.2	0.0	20.7	78.1	-2.9	87.1	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less; Well Condition; Well Repairs:	
OXMEW164	7/17/2019 12:45	2.0	0.1	20.4	77.5	-1.7	87.6	Valve Adjustment: NSPS/CAI, No change; Well Condition; Well Repairs:	
OXMEW164	8/14/2019 10:48	1.2	0.5	19.8	78.5	40.1	99.9	Valve Adjustment: NSPS/CAI, Closed valve 1/2 to 1 turn; Well Condition; Well Repairs:	
OXMEW164	8/14/2019 10:49	0.2	0.0	20.4	79.4	82.9	98.4	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position; Well Condition; Well Repairs:	
OXMEW164	8/26/2019 11:30	0.0	0.0	20.4	79.6	79.5	86.2	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less; Well Condition; Well Repairs:	
OXMEW164	8/26/2019 11:33	1.9	0.8	20.1	77.2	68.7	89.1	Valve Adjustment: NSPS/CAI, Opened valve 1/2 to 1 turn; Well Condition; Well Repairs:	
OXMEW164	8/26/2019 11:34	19.6	10.2	12.1	58.1	-2.0	92.8	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less; Well Condition; Well Repairs:	
OXMEW164	9/5/2019 11:34	1.5	0.6	20.4	77.5	-25.0	84.2	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less; Well Condition; Well Repairs:	
OXMEW164	9/5/2019 11:37	0.9	0.3	20.7	78.1	-1.8	84.6	Valve Adjustment: NSPS/CAI, No change, Valve at minimum position; Well Condition; Well Repairs:	
OXMEW164	9/20/2019 10:16	0.9	0.6	20.0	78.5	22.2	88.0	Valve Adjustment: NSPS/CAI, Opened valve >1 turn; Well Condition; Well Repairs:	
OXMEW164	9/20/2019 10:20	17.1	11.6	14.9	56.4	-41.1	85.3	Valve Adjustment: NSPS/CAI, Closed valve >1 turn; Well Condition; Well Repairs:	
OXMEW164	10/7/2019 11:01	0.6	0.2	19.8	79.4	-22.2	86.0	Valve Adjustment: "NSPS/CAI, Opened valve >1 turn"; Well Condition: ""; Well Repairs: ""	
OXMEW164	10/7/2019 11:03	10.6	4.7	17.0	67.7	-38.7	87.1	Valve Adjustment: "NSPS/CAI, Valve at minimum position, Closed valve >1 turn"; Well Condition: ""; Well Repairs: ""	
OXMEW164	10/24/2019 14:08	42.6	26.3	1.1	30.0	-0.7	93.2	Valve Adjustment: "No change, Valve at minimum position"; Well Condition: ""; Well Repairs: ""	115
Comments: Oxygen and pressure exceedances were detected at OXMEW164 on July 1, 2019. 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 July 12, 2019, and no further pressure exceedance was detected, but the oxygen exceedance remains. 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 August 14, 2019, and the pressure exceedance returned. 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 for oxygen and pressure. The well was re-monitored on August 26, 2019, and no further pressure exceedance was detected, but the oxygen exceedance remained. The well was re-monitored on September 20, 2019, and the pressure exceedance returned. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the dates noted above, and no further pressure exceedance was detected, but the oxygen exceedance remained. The well was re-monitored on October 24, 2019, and no further exceedance was detected.									
OXMEW164	10/29/2019 9:38	3.6	10.2	17.1	69.1	-0.4	64.4	Valve Adjustment: "NSPS/CAI, Opened valve >1 turn"; Well Condition: ""; Well Repairs: ""	



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
OXMEW164	10/29/2019 9:40	2.7	4.6	18.6	74.1	-31.3	62.2	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW164	11/8/2019 10:55	43.2	34.3	3.1	19.4	-0.3	82.6	Valve Adjustment:"Valve at minimum position,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	10
Comments: An oxygen exceedance was detected at OXMEW164 on October 29, 2019. 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 8, 2019, and no further exceedance was detected.									
OXMEW164	11/22/2019 13:19	4.2	5.2	17.8	72.8	22.6	70.5	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW164	11/22/2019 13:21	44.7	30.0	1.4	23.9	-33.9	75.7	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	<1
Comments: Oxygen and temperature exceedances were detected at OXMEW164 on November 22, 2019. 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.									
OXMEW164	12/12/2019 10:08	62.1	37.4	0.1	0.4	5.9	58.6	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXMEW164	12/12/2019 10:09	37.4	28.9	9.4	24.3	-32.1	58.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW164	12/16/2019 13:07	28.9	22.2	1.2	47.7	-0.2	63.1	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""	4
Comments: A pressure exceedance was detected at OXMEW164 on December 12, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further pressure exceedance was detected, but an additional oxygen exceedance was detected. The well was re-monitored on December 16, 2019, and no further exceedances were detected.									
OXMEW164	1/15/2020 11:13	3.4	4.3	18.5	73.8	-0.7	66.3	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW164	1/15/2020 11:15	0.6	1.9	20.9	76.6	-0.9	65.5	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXMEW164	1/23/2020 13:09	58.1	41.5	0.0	0.4	-1.0	65.5	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	8
Comments: An oxygen exceedance was detected at OXMEW164 on January 15, 2020. 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, 2020, and no further exceedance was detected.									
OXMEW164	2/12/2020 11:21	0.4	0.6	20.0	79.0	47.4	74.5	Valve Adjustment:"Valve at minimum position,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW164	2/12/2020 11:23	41.4	33.8	1.0	23.8	-15.4	77.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""	<1
Comments: Oxygen and pressure exceedances were detected at OXMEW164 on February 12, 2020. 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.									
OXMEW164	2/25/2020 9:54	6.2	4.4	19.0	70.4	-50.3	74.6	Valve Adjustment:"NSPS/CAI,Closed valve >10%";Well Condition:"";Well Repairs:""	
OXMEW164	2/25/2020 9:55	0.0	0.1	21.4	78.5	-3.0	72.9	Valve Adjustment:"NSPS,Valve at minimum position";Well Condition:"";Well Repairs:""	
OXMEW164	3/3/2020 12:11	23.6	20.6	4.0	51.8	-35.9	82.3	Valve Adjustment:"No Change,Valve at minimum position";Well Condition:"";Well Repairs:""	7
Comments: An oxygen exceedance was detected at OXMEW164 on February 25, 2020. 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 3, 2020, and no further exceedance was detected.									
OXMEW164	3/21/2020 9:45	7.5	5.8	19.0	67.7	-24.9	54.7	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW164	3/21/2020 9:47	5.0	4.4	20.7	69.9	-10.6	54.9	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""	
OXMEW164	3/30/2020 10:58	1.1	0.5	21.1	77.3	54.0	73.1	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW164	3/30/2020 11:01	35.6	18.9	5.7	39.8	-27.9	70.7	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	11 (as of April 1, 2020)
Comments: An oxygen exceedance was detected at OXMEW164 on March 21, 2020. 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 30, 2020 with an additional pressure exceedance detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, with the pressure exceedance clearing but the well remained in exceedance for oxygen.									
OXMEW170	12/23/2019 11:37	47.3	25.0	6.2	21.5	-30.0	54.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW170	12/23/2019 11:39	47.9	24.9	6.0	21.2	-30.0	54.1	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXMEW170	1/2/2020 14:27	49.1	26.6	4.8	19.5	-40.7	68.2	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	10

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
Comments: An oxygen exceedance was detected at OXMEW170 on December 23, 2019. 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 2, 2020, and no further exceedance was detected.									
OXMEW170	1/7/2020 11:03	45.7	24.5	6.8	23.0	-38.4	59.0	Valve Adjustment:"NSPS/CAI,No change,Valve at optimum position";Well Condition:"";Well Repairs:""	
OXMEW170	1/7/2020 11:05	45.7	22.2	6.3	25.8	-39.0	59.4	Valve Adjustment:"NSPS/CAI,No change,Valve at optimum position";Well Condition:"";Well Repairs:""	
OXMEW170	1/17/2020 10:13	52.3	26.6	4.6	16.5	-38.9	69.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	10
Comments: An oxygen exceedance was detected at OXMEW170 on January 7, 2020. 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 17, 2020, and no further exceedance was detected.									
OXMEW174	1/7/2020 9:57	58.8	41.2	0.0	0.0	0.2	60.8	Valve Adjustment:"NSPS/CAI,No change,Valve 100% open";Well Condition:"";Well Repairs:""	
OXMEW174	1/7/2020 9:59	59.6	40.4	0.0	0.0	-0.1	61.3	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""	<1
Comments: A pressure exceedance was detected at OXMEW174 on January 7, 2020. 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.									
OXMEW174	1/17/2020 10:54	30.9	24.9	9.5	34.7	-11.0	63.5	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW174	1/17/2020 10:56	21.8	18.9	13.2	46.1	-10.8	62.4	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXMEW174	1/30/2020 11:53	58.2	36.4	0.8	4.6	-3.0	62.7	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""	13
Comments: An oxygen exceedance was detected at OXMEW174 on January 17, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, but the well remained in exceedance. The well was re-monitored on January 30, 2020, and no further exceedance was detected.									
OXMEW176	2/6/2020 12:54	49.5	43.1	0.7	6.7	0.5	97.1	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW176	2/6/2020 12:54	49.5	43.4	0.8	6.3	0.5	97.0	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW176	2/19/2020 13:13	55.1	40.3	0.1	4.5	-7.0	113.1	Valve Adjustment:"Opened valve >1 turn";Well Condition:"";Well Repairs:""	13
Comments: A pressure exceedance was detected at OXMEW176 on February 6, 2020. 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 19, 2020, and no further exceedance was detected.									
OXMEW186	2/21/2020 13:01	56.2	43.8	0.0	0.0	0.4	102.0	Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW186	2/21/2020 13:02	55.8	44.1	0.1	0.0	-0.4	116.1	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""	<1
Comments: A pressure exceedance was detected at OXMEW186 on February 21, 2020. 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.									
OXMEW200	12/6/2019 12:30	28.9	26.5	8.3	36.3	-8.3	104.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW200	12/6/2019 12:32	28.7	27.2	7.9	36.2	-4.3	103.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	
OXMEW200	12/18/2019 13:55	36.3	35.0	0.1	28.6	-2.6	94.3	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	12
Comments: An oxygen exceedance was detected at OXMEW200 on December 6, 2019. 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, 2019, and no further exceedance was detected.									
OXMEW200	1/22/2020 13:48	7.1	4.6	18.4	69.9	0.6	88.9	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW200	1/22/2020 13:51	17.0	11.7	14.7	56.6	-0.4	97.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW200	2/5/2020 9:39	33.2	32.9	3.6	30.3	-3.3	103.1	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	14
Comments: Oxygen and pressure exceedances were detected at OXMEW200 on January 22, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further pressure exceedance was detected, but the oxygen exceedance remained. The well was re-monitored on February 5, 2020, and no further exceedance was detected.									
OXMEW205	10/4/2019 13:16	30.1	38.8	0.0	31.1	-0.7	136.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXMEW205	10/4/2019 13:17	29.9	35.0	0.0	35.1	-0.3	128.5	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""	<1

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
		%	%	%	%	in. wc.	Deg. F.		Days
Comments: A temperature exceedance was detected at OXMEW205 on October 4, 2019. 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.									
OXMEW205	10/29/2019 9:42	13.7	13.0	15.9	57.4	0.3	94.3	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXMEW205	10/29/2019 9:48	33.8	31.9	4.9	29.4	-2.4	130.3	Valve Adjustment:"Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	<1
Comments: Oxygen and pressure exceedances were detected at OXMEW205 on October 29, 2019. 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.									
OXMEW205	11/13/2019 12:35	15.3	28.9	1.9	53.9	-1.3	134.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW205	11/13/2019 12:42	13.2	23.9	3.4	59.5	-0.7	129.7	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""	<1
Comments: A temperature exceedance was detected at OXMEW205 on November 13, 2019. 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.									
OXMEW205	12/20/2019 12:24	57.4	41.9	0.0	0.7	0.2	134.4	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXMEW205	12/20/2019 12:25	57.4	42.5	0.0	0.1	-0.3	138.2	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXMEW205	12/20/2019 12:27	57.0	42.3	0.0	0.7	-0.4	138.6	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXMEW205	1/2/2020 13:07	34.0	41.5	0.0	24.5	-1.0	125.8	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	13
Comments: Pressure and temperature exceedances were detected at OXMEW205 on December 20, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further pressure exceedance was detected, but the well remained in exceedance for temperature. The well was re-monitored on January 2, 2020, and no further exceedance was detected.									
OXMEW205	2/21/2020 13:37	55.0	44.7	0.0	0.3	0.2	131.7	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW205	2/21/2020 13:37	54.0	46.0	0.0	0.0	-0.6	136.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW205	2/21/2020 13:38	54.0	46.0	0.0	0.0	-0.5	136.2	Valve Adjustment:"No change,Valve at optimum position,NSPS/CAL exempt ";Well Condition:"";Well Repairs:""	
OXMEW205	2/24/2020 7:59	31.7	40.1	0.0	28.2	-1.4	135.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""	
OXMEW205	2/24/2020 8:00	40.6	40.4	0.0	19.0	-0.9	130.0	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""	3
Comments: Pressure and temperature exceedances were detected at OXMEW205 on February 21, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further pressure exceedance was detected, but the temperature exceedance remained. The well was re-monitored on February 24, 2020, and no further exceedances were detected.									
OXMEW205	3/23/2020 12:31	51.9	39.5	0.5	8.1	-0.9	135.9	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn to 1 turn";Well Condition:"";Well Repairs:""	
OXMEW205	3/23/2020 12:34	50.7	39.8	0.6	8.9	-0.4	128.5	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""	<1
Comments: A temperature exceedance was detected at OXMEW205 on March 23, 2020. 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.									
OXMEW209	10/4/2019 13:06	55.8	44.2	0.0	0.0	-6.6	133.2	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXMEW209	10/4/2019 13:09	58.1	41.9	0.0	0.0	-5.4	130.1	Valve Adjustment:"No change due to temp threshold";Well Condition:"";Well Repairs:""	<1
Comments: A temperature exceedance was detected at OXMEW209 on October 4, 2019. 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.									
OXMEW209	2/7/2020 15:10	56.8	43.2	0.0	0.0	-7.0	133.2	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW209	2/7/2020 15:11	56.0	43.9	0.1	0.0	-7.5	133.7	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW209	2/19/2020 12:53	57.2	42.7	0.1	0.0	-7.6	133.5	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 45% open";Well Condition:"";Well Repairs:""	
OXMEW209	2/19/2020 12:54	58.0	42.0	0.0	0.0	-10.1	134.7	Valve Adjustment:"NSPS,Valve 45% open";Well Condition:"";Well Repairs:""	
OXMEW209	2/24/2020 8:26	57.7	42.2	0.0	0.1	-16.0	130.0	Valve Adjustment:"Opened valve 1/2 turn or less,Valve 50% open";Well Condition:"";Well Repairs:""	17

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
		%	%	%	%	in. wc.	Deg. F.		Days
Comments: A temperature exceedance was detected at OXMEW209 on February 7, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the date noted above, but the well remained in exceedance. The well was re-monitored on February 24, 2020, and no further exceedance was detected.									
OXMEW209	3/23/2020 11:36	56.9	39.7	1.2	2.2	-17.2	135.1	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn,Valve 10% open";Well Condition:"";Well Repairs:""	
OXMEW209	3/23/2020 11:39	54.0	38.3	1.8	5.9	-12.8	126.1	Valve Adjustment:"No Change,Valve 10% open";Well Condition:"";Well Repairs:""	<1
Comments: A temperature exceedance was detected at OXMEW209 on March 23, 2020. 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.									
OXMEW301	12/6/2019 11:36	42.3	29.8	5.9	22.0	-4.2	78.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXMEW301	12/6/2019 11:38	43.8	30.3	4.7	21.2	-4.2	78.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OXMEW301 on December 6, 2019. 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.									
OXMEW301	1/10/2020 11:28	37.1	28.4	7.1	27.4	-3.3	78.6	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEW301	1/10/2020 11:29	38.7	28.1	7.5	25.7	-3.2	78.2	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXMEW301	1/20/2020 13:48	53.1	32.0	2.4	12.5	-2.6	78.1	Valve Adjustment:"Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	10
Comments: An oxygen exceedance was detected at OXMEW301 on January 10, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, but the well remained in exceedance. The well was re-monitored on January 20, 2020, and no further exceedance was detected.									
OXMEW307	9/24/2019 14:41	24.5	17.3	13.6	44.6	-37.0	100.0	Valve Adjustment: NSPS/CAI,Closed valve >1 turn;Well Condition;Well Repairs:	
OXMEW307	9/24/2019 14:43	23.1	15.6	14.4	46.9	-34.3	98.0	Valve Adjustment: NSPS/CAI,Closed valve >1 turn;Well Condition;Well Repairs:	
OXMEW307	10/7/2019 13:44	35.2	26.0	7.5	31.3	-40.4	96.4	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW307	10/7/2019 13:45	34.9	26.1	7.8	31.2	-40.0	96.4	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXMEW307	10/29/2019 13:15	55.1	39.3	0.8	4.8	-32.4	93.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""	35
Comments: An oxygen exceedance was detected at OXMEW307 on September 24, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the date noted above, but the well remained in exceedance. The well was re-monitored on October 29, 2019, and no further exceedance was detected.									
OXMEW310	12/18/2019 11:51	59.1	40.9	0.0	0.0	0.2	101.7	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXMEW310	12/18/2019 11:52	58.6	41.4	0.0	0.0	-2.4	109.6	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	<1
Comments: A pressure exceedance was detected at OXMEW310 on December 18, 2019. 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.									
OXMEW313	12/3/2019 12:49	3.8	2.1	19.2	74.9	-11.2	58.5	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW313	12/3/2019 12:50	47.0	29.0	2.0	22.0	-37.6	61.2	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OXMEW313 on December 3, 2019. 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.									
OXMEW325	1/15/2020 13:41	43.5	30.2	5.8	20.5	-27.5	50.9	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW325	1/15/2020 13:43	59.8	35.8	0.4	4.0	-28.9	51.3	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OXMEW325 on January 15, 2020. 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.									
OXMEW325	1/24/2020 11:17	38.9	26.9	7.9	26.3	-25.1	61.2	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEW325	1/24/2020 11:18	42.1	29.5	4.9	23.5	-25.1	61.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	<1
Comments: An oxygen exceedance was detected at OXMEW325 on January 24, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further exceedance was detected.									

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
		%	%	%	%	in. wc.	Deg. F.		Days
OXMEWHC1	10/9/2019 10:46	55.5	44.5	0.0	0.0	22.7	76.3	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"Header vacuum loss";Well Repairs:""	
OXMEWHC1	10/9/2019 10:48	55.4	44.6	0.0	0.0	22.4	76.3	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"Header vacuum loss";Well Repairs:""	
OXMEWHC1	10/22/2019 13:35	51.1	47.0	0.1	1.8	-37.9	86.0	Valve Adjustment:"No change,Valve at optimum position,Valve 100% open";Well Condition:"";Well Repairs:""	13
Comments: A pressure exceedance was detected at OXMEWHC1 on October 9, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, but the well remained in exceedance. The well was re-monitored on October 22, 2019, and no further exceedance was detected.									
OXMEWHC1	1/23/2020 11:34	55.8	44.2	0.0	0.0	27.5	53.1	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEWHC1	1/23/2020 11:36	55.6	44.4	0.0	0.0	26.8	53.1	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXMEWHC1	2/5/2020 10:01	53.6	46.4	0.0	0.0	17.6	59.6	Valve Adjustment:"NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEWHC1	2/5/2020 10:04	54.0	46.0	0.0	0.0	17.6	59.9	Valve Adjustment:"NSPS/CAI,Valve 100% open";Well Condition:"";Well Repairs:""	
OXMEWHC1	2/13/2020 11:24	57.8	41.4	0.0	0.8	-33.0	56.0	Valve Adjustment:"No change,Valve 100% open";Well Condition:"";Well Repairs:""	21
Comments: A pressure exceedance was detected at OXMEWHC1 on January 23, 2020. 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 13, 2020, and no further exceedance was detected.									
OXMEWW08	10/1/2019 12:04	30.0	25.6	9.9	34.5	-4.3	81.5	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEWW08	10/1/2019 12:05	20.7	17.8	12.3	49.2	-4.2	82.6	Valve Adjustment:"NSPS/CAI,No change";Well Condition:"";Well Repairs:""	
OXMEWW08	10/11/2019 10:55	27.5	23.7	10.8	38.0	-3.3	72.1	Valve Adjustment:"NSPS/CAI,Opened valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEWW08	10/11/2019 10:56	54.5	41.1	0.5	3.9	-4.2	89.1	Valve Adjustment:"No change";Well Condition:"";Well Repairs:""	10
Comments: An oxygen exceedance was detected at OXMEWW08 on October 1, 2019. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, but the well remained in exceedance. The well was re-monitored on October 11, 2019, and no further exceedance was detected.									
OXMEWW08	10/29/2019 14:30	18.5	13.4	13.7	54.4	-3.0	116.1	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXMEWW08	10/29/2019 14:31	18.5	15.6	13.8	52.1	-2.6	111.0	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXMEWW08	11/12/2019 9:55	40.4	35.5	4.9	19.2	-2.2	93.7	Valve Adjustment:"Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	14
Comments: An oxygen exceedance was detected at OXMEWW08 on October 29, 2019. 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 12, 2019, and no further exceedance was detected.									
OXMEWW08	1/17/2020 12:01	28.1	27.5	10.6	33.8	-4.3	96.0	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEWW08	1/17/2020 12:05	27.3	26.5	10.4	35.8	-4.0	95.3	Valve Adjustment:"NSPS/CAI";Well Condition:"";Well Repairs:""	
OXMEWW08	1/20/2020 14:25	45.2	38.8	4.0	12.0	-0.6	95.2	Valve Adjustment:"No change,Valve at minimum position";Well Condition:"";Well Repairs:""	3
Comments: An oxygen exceedance was detected at OXMEWW08 on January 17, 2020. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, but the well remained in exceedance. The well was re-monitored on January 20, 2020, and no further exceedance was detected.									
OXMEWW08	2/6/2020 12:24	26.0	24.8	10.6	38.6	-3.3	118.3	Valve Adjustment:"NSPS/CAI,Closed valve 1/2 to 1 turn";Well Condition:"";Well Repairs:""	
OXMEWW08	2/6/2020 12:28	35.4	31.1	7.1	26.4	-2.1	107.4	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less";Well Condition:"";Well Repairs:""	
OXMEWW08	2/19/2020 13:18	55.9	40.9	0.0	3.2	2.0	74.5	Valve Adjustment:"NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open";Well Condition:"";Well Repairs:""	
OXMEWW08	2/19/2020 13:22	54.7	45.3	0.0	0.0	-0.3	77.9	Valve Adjustment:"Opened valve 1/2 turn to 1 turn,Valve 40% open";Well Condition:"";Well Repairs:""	13
Comments: An oxygen exceedance was detected at OXMEWW08 on February 6, 2020. 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 19, 2020, and no further oxygen exceedance was detected, but an additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day, and no further 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
OXMEWW17	1/15/2020 11:54	4.0	3.2	19.4	73.4	-23.1	50.9	Valve Adjustment:"NSPS/CAI,Valve at minimum position,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMEWW17	1/15/2020 11:58	0.6	0.3	20.9	78.2	-8.3	52.2	Valve Adjustment:"Valve at minimum position,NSPS/CAL exempt ";Well Condition:"";Well Repairs:""	
OXMEWW17	1/24/2020 10:45	48.8	44.5	0.2	6.5	-4.9	64.5	Valve Adjustment:"No change,Valve at optimum position";Well Condition:"";Well Repairs:""	9
Comments: An oxygen exceedance was detected at OXMWEWW17 on January 15, 2020. 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 24, 2020, and no further exceedance was detected. Well OXMEWW17 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 818 part 3(c)(II).									
OXMPEW46	3/26/2020 15:22	40.4	32.5	6.7	20.4	-29.1	55.6	Valve Adjustment:"NSPS/CAI,Closed valve >1 turn";Well Condition:"";Well Repairs:""	
OXMPEW46	3/26/2020 15:25	40.3	32.4	6.4	20.9	-27.5	55.0	Valve Adjustment:"NSPS";Well Condition:"";Well Repairs:""	
OXMPEW46	3/30/2020 11:32	56.2	35.4	1.0	7.4	-29.4	68.7	Valve Adjustment:"No Change";Well Condition:"";Well Repairs:""	4
Comments: An oxygen exceedance was detected at OXMPEW46 on March 26, 2020. 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 30, 2020, 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	A-7 Flare Total Flow Corrected to 50% CH <sub>4</sub> (scf)	A-8 Flare Total Flow Corrected to 50% CH <sub>4</sub> (scf)	A-9 Flare Total Flow Corrected to 50% CH <sub>4</sub> (scf)	Ameresco Total Flow Corrected to 50% CH <sub>4</sub> (scf) <sup>3</sup>	Consecutive 12-Month Corrected Total for A-7 Flare (scf)	Consecutive 12-Month Corrected Total for A-8 Flare (scf)	Consecutive 12-Month Corrected Total for A-9 Flare (scf)	Consecutive 12-Month Corrected Total for Ameresco (scf) <sup>3</sup>	Combined A-7, A-8 and A-9 Flares Corrected 12-Month Throughput <sup>1</sup> (scf)	Landfill Gas Generation Rate <sup>2</sup> (scfm)
April-19	50,955,893.3	0.0	262,240.2	157,175,384.7	456,297,356.1	0.0	182,581,885.3	1,755,904,831.3	638,879,241.4	4,556.3
May-19	38,687,873.8	0.0	3,912,584.9	161,173,989.5	494,985,229.8	0.0	172,353,879.7	1,760,608,056.4	667,339,109.6	4,619.4
June-19	49,688,703.0	0.0	4,652,103.7	153,865,606.0	544,673,932.8	0.0	162,321,997.0	1,758,943,410.3	706,995,929.9	4,691.7
July-19	41,478,489.3	0.0	1,713,870.3	166,751,896.6	565,670,701.0	0.0	67,084,318.0	1,854,608,091.9	632,755,019.0	4,732.4
August-19	45,741,826.8	0.0	4,956,428.7	162,532,484.7	591,548,507.5	0.0	51,563,586.5	1,845,241,306.9	643,112,094.0	4,734.3
September-19	55,596,063.0	0.0	0.0	165,146,394.0	599,938,637.4	0.0	50,125,130.5	1,843,489,380.8	650,063,767.9	4,744.2
October-19	47,809,764.7	0.0	7,502,542.3	273,251,320.3	593,212,546.4	0.0	50,135,579.0	1,963,376,736.7	643,348,125.4	4,959.5
November-19	38,871,746.7	0.0	210,721.4	167,159,233.7	592,033,000.5	0.0	44,802,682.4	1,974,807,350.5	636,835,682.9	4,968.9
December-19	55,249,519.4	0.0	3,977,683.1	162,744,909.3	584,038,206.4	0.0	46,732,890.8	1,987,293,694.7	630,771,097.2	4,981.1
January-20	61,836,432.6	0.0	255,097.6	59,202,875.3	583,230,309.3	0.0	45,663,733.3	1,906,281,731.3	628,894,042.6	4,823.4
February-20	56,689,565.1	0.0	523,672.8	154,912,860.2	596,197,125.5	0.0	32,626,668.1	1,941,144,452.4	628,823,793.5	4,889.6
March-20	72,807,936.7	0.0	62,710,853.8	64,777,838.0	615,413,814.4	0.0	90,677,798.8	1,848,694,792.2	706,091,613.2	4,860.7

Notes:

<sup>1</sup>The 12-month rolling throughput for each month represents the sum of the monthly combined corrected throughput calculated using the preceding 12 consecutive months. Pursuant to Title V Permit Condition Number 10164 Part 20, the combined LFG flow rate to all Flares (A-7, A-8, and A-9) shall not exceed 2,155 million scf (corrected to 50% CH<sub>4</sub>) during any consecutive 12-month period.

<sup>2</sup>Pursuant to Title V Permit Condition Number 10164 Part 22, the annual average landfill gas generation rate shall not exceed 6,600 scfm.

<sup>3</sup>Ameresco flow data derived from files received by Republic from Ameresco. Flow values reported here to confirm compliance with Title V Permit Condition Number 10164 Part 22, which states the annual average landfill gas generation rate shall not exceed 6,600 scfm.

scf= standard cubic feet  
 CH<sub>4</sub> = methane  
 LFG= landfill gas  
 %= percent



**MONTHLY LFG Input to Flare (A-7)**  
**OX MOUNTAIN LANDFILL, Half Moon Bay, CA**

**A-7 (Flare)**

Month	Total Available Runtime (hours)	Total Downtime (hours)	Total Runtime (hours)	Average Flow (scfm)*	Average CH <sub>4</sub> (%)**	Total Flow LFG Volume (scf)***	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	Total CH <sub>4</sub> Volume (scf)	Total Heat Input (MMBTU)
October-19	744.00	107.70	636.30	1,455.9	41.3	57,138,273.5	47,809,764.7	23,586,679.3	23,893.3
November-19 <sup>1</sup>	721.00	143.80	577.20	1,350.0	41.3	46,456,294.2	38,871,746.7	19,177,158.3	21,177.1
December-19	744.00	54.90	689.10	1,597.4	41.3	66,029,652.5	55,249,519.4	27,257,514.2	30,099.6
January-20	744.00	1.97	742.03	1,659.5	41.3	73,901,786.0	61,836,432.6	30,507,112.7	30,903.7
February-20 <sup>2</sup>	696.00	18.00	678.00	1,663.0	41.3	67,750,676.0	56,689,565.1	27,967,479.1	28,331.1
March-20 <sup>1</sup>	743.00	40.50	702.50	2,063.6	41.3	87,014,019.6	72,807,936.7	35,919,780.3	36,386.7
<b>October 1, 2019 through March 31, 2020 TOTALS/AVERAGES:</b>	<b>4,392.00</b>	<b>366.87</b>	<b>4,025.13</b>	<b>1,631.56</b>	<b>41.28</b>	<b>398,290,701.84</b>	<b>333,264,965.28</b>	<b>164,415,723.77</b>	<b>170,791.52</b>

**NOTES:**

<sup>1</sup>There were 721 hours in November 2019 and 743 hours in March 2020 due to Daylight Savings Time.

<sup>2</sup>There were 696 hours in February 2020 due to Leap Year.

\*The calculated average flow only includes months in which the flare was operational.

\*\*CH<sub>4</sub> content is determined from the average of the weekly CH<sub>4</sub> concentrations taken from the A-7 Flare inlet. The CH<sub>4</sub> concentration of 44.1 percent (determined from the September 13, 2016 Source Test) will be used in lieu of monthly averages when weekly CH<sub>4</sub> concentrations are negligible due to monitoring conducted while devices are offline. The A-7 Flare was not source tested in 2017 due to remaining offline for ongoing maintenance. On August 24, 2017, a request for an extension of the annual source test deadline was submitted to the BAAQMD.

\*\*\*Flare operation limited due to the operation of Ameresco engine plant.

scfm= standard cubic feet per minute

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**MONTHLY LFG Input to Flare (A-8)**  
**OX MOUNTAIN LANDFILL, Half Moon Bay, CA**

**A-8 (Flare)**

Month	Total Available Runtime (hours)	Total Downtime (hours)	Total Runtime (hours)	Average Flow (scfm)*	Average CH <sub>4</sub> (%)**	Total Flow LFG Volume (scf)***	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	Total CH <sub>4</sub> Volume (scf)	Total Heat Input (MMBTU)
October-19	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
November-19 <sup>1</sup>	721.00	721.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
December-19	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
January-20	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
February-20 <sup>2</sup>	696.00	696.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
March-20 <sup>1</sup>	743.00	743.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
<b>October 1, 2019 through March 31, 2020 TOTALS/AVERAGE:</b>	<b>4,392.00</b>	<b>4,392.00</b>	<b>0.00</b>	<b>0.00</b>	<b>44.10</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**NOTES:**

<sup>1</sup>There were 721 hours in November 2019 and 743 hours in March 2020 due to Daylight Savings Time.

<sup>2</sup>There were 696 hours in February 2020 due to Leap Year.

\*The calculated average flow only includes months in which the flare was operational.

\*\*CH<sub>4</sub> content is determined from the average of the weekly methane concentrations taken from the A-8 Flare inlet. The methane concentration of 44.1 percent (determined from the September 13, 2016 Source Test) will be used in lieu of monthly averages when weekly methane concentrations are negligible due to monitoring conducted while devices are offline.

\*\*\*Flare operation limited due to the operation of Ameresco engine plant.

scfm= standard cubic feet per minute

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**MONTHLY LFG Input to Flare (A-9)**  
**OX MOUNTAIN LANDFILL, Half Moon Bay, CA**

**A-9 (Flare)**

Month	Total Available Runtime (hours)	Total Downtime (hours)	Total Runtime (hours)	Average Flow (scfm)*	Average CH <sub>4</sub> (%)**	Total Flow LFG Volume (scf)***	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	Total CH <sub>4</sub> Volume (scf)	Total Heat Input (MMBTU)
October-19	744.00	703.17	40.83	2,814.8	48.7	7,603,964.0	7,502,542.3	3,703,890.9	3,752.0
November-19 <sup>1</sup>	721.00	719.87	1.13	3,140.7	48.7	213,570.0	210,721.4	104,029.9	105.4
December-19	744.00	715.73	28.27	2,713.3	48.7	4,030,627.0	3,977,683.1	1,963,318.4	1,988.8
January-20	744.00	742.43	1.57	2,749.9	48.7	258,493.0	255,097.6	125,911.9	127.5
February-20 <sup>2</sup>	696.00	692.57	3.43	2,588.2	48.7	530,643.0	523,672.8	258,476.2	261.8
March-20 <sup>1</sup>	743.00	370.40	372.60	2,652.4	48.7	63,545,550.0	62,710,853.8	30,953,037.4	31,355.4
<b>October 1, 2019 through March 31, 2020 TOTALS/AVERAGE:</b>	<b>4,392.00</b>	<b>3,944.17</b>	<b>447.83</b>	<b>2,776.56</b>	<b>48.70</b>	<b>76,182,847.00</b>	<b>75,180,571.00</b>	<b>37,108,664.77</b>	<b>37,591.08</b>

**NOTES:**

<sup>1</sup>There were 721 hours in November 2019 and 743 hours in March 2020 due to Daylight Savings Time.

<sup>2</sup>There were 696 hours in February 2020 due to Leap Year.

\*The calculated average flow only includes months in which the flare was operational.

\*\*CH<sub>4</sub> content is determined from the average of the weekly methane concentrations taken from the A-9 Flare inlet. The methane concentration of 51.0 percent (determined from the September 21, 2017 Source Test) will be used in lieu of monthly averages when weekly methane concentrations are negligible due to monitoring conducted while devices are offline.

\*\*\*Flare operation limited due to the operation of Ameresco engine plant.

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-2019

Date	Runtime (hours)	CH <sub>4</sub> (%)*	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)
10/1/2019	24.00	41.3	1,382.6	1,990,904.0	1,665,865.0	821,845.2	1,013.0	832.5
10/2/2019	24.00	41.3	1,476.6	2,126,330.0	1,779,181.1	877,749.0	1,013.0	889.2
10/3/2019	24.00	41.3	1,398.8	2,014,203.0	1,685,360.2	831,463.0	1,013.0	842.3
10/4/2019	24.00	41.3	1,364.5	1,964,874.0	1,644,084.7	811,100.0	1,013.0	821.6
10/5/2019	24.00	41.3	1,405.4	2,023,793.0	1,693,384.5	835,421.8	1,013.0	846.3
10/6/2019	24.00	41.3	1,456.7	2,097,703.0	1,755,227.8	865,931.8	1,013.0	877.2
10/7/2019	24.00	41.3	1,452.6	2,091,749.0	1,750,245.9	863,474.0	1,013.0	874.7
10/8/2019	24.00	41.3	1,299.1	1,870,639.0	1,565,234.7	772,199.8	1,013.0	782.2
10/9/2019	16.70	41.3	1,894.5	1,898,246.0	1,588,334.6	783,595.9	1,013.0	793.8
10/10/2019	3.27	41.3	1,235.4	242,132.0	202,601.0	99,952.1	1,013.0	101.3
10/11/2019	24.00	41.3	1,512.6	2,178,160.0	1,822,549.2	899,144.4	1,013.0	910.8
10/12/2019	24.00	41.3	1,451.5	2,090,156.0	1,748,913.0	862,816.4	1,013.0	874.0
10/13/2019	19.17	41.3	1,381.2	1,588,422.0	1,329,093.0	655,700.6	1,013.0	664.2
10/14/2019	14.93	41.3	1,896.3	1,699,079.0	1,421,684.0	701,379.8	1,013.0	710.5
10/15/2019	24.00	41.3	1,711.4	2,464,428.0	2,062,080.6	1,017,315.9	1,013.0	1,030.5
10/16/2019	24.00	41.3	1,733.4	2,496,152.0	2,088,625.2	1,030,411.5	1,013.0	1,043.8
10/17/2019	24.00	41.3	1,746.6	2,515,161.0	2,104,530.8	1,038,258.5	1,013.0	<b>1,051.8</b>
10/18/2019	24.00	41.3	1,665.0	2,397,559.0	2,006,128.7	989,712.4	1,013.0	1,002.6
10/19/2019	24.00	41.3	1,407.7	2,027,080.0	1,696,134.9	836,778.6	1,013.0	847.7
10/20/2019	24.00	41.3	1,264.2	1,820,432.0	1,523,224.6	751,474.3	1,013.0	761.2
10/21/2019	24.00	41.3	1,375.8	1,981,080.0	1,657,644.9	817,789.8	1,013.0	828.4
10/22/2019	24.00	41.3	1,401.5	2,018,189.0	1,688,695.4	833,108.4	1,013.0	843.9
10/23/2019	24.00	41.3	1,484.4	2,137,550.0	1,788,569.3	882,380.6	1,013.0	893.9
10/24/2019	23.47	41.3	1,479.8	2,083,535.0	1,743,372.9	860,083.2	1,013.0	871.3
10/25/2019	22.07	41.3	1,421.8	1,882,406.0	1,575,080.6	777,057.2	1,013.0	787.2
10/26/2019	16.13	41.3	1,391.0	1,346,533.0	1,126,695.3	555,848.8	1,013.0	563.1
10/27/2019	0.00	41.3	0.0	0.0	0.0	0.0	1,013.0	0.0
10/28/2019	4.33	41.3	1,750.4	455,104.0	380,802.8	187,866.9	1,013.0	190.3
10/29/2019	24.00	41.3	1,637.1	2,357,447.5	1,972,565.9	973,154.3	1,013.0	985.8
10/30/2019	12.23	41.3	1,585.6	1,163,826.0	973,817.4	480,427.4	1,013.0	486.7
10/31/2019	24.00	41.3	1,469.0	2,115,401.0	1,770,036.4	873,237.5	1,013.0	884.6
<b>Totals/ Average:</b>	<b>636.30</b>	<b>41.3</b>	<b>1,455.9</b>	<b>57,138,273.5</b>	<b>47,809,764.7</b>	<b>23,586,679.3</b>	<b>1,013.0</b>	<b>23,893.3</b>
							<b>Maximum:</b>	<b>1,051.8</b>

Notes:

\*CH<sub>4</sub> content of 41.3 percent determined from the August 29, 2019 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-2019

Date	Runtime (hours) <sup>1</sup>	CH <sub>4</sub> (%) <sup>*</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)
11/1/2019	24.00	41.3	1,428.5	2,057,023.0	1,721,189.3	849,139.1	1,013.0	937.7
11/2/2019	24.00	41.3	1,437.7	2,070,352.0	1,732,342.2	854,641.3	1,013.0	943.8
11/3/2019	25.00	41.3	1,379.2	2,068,816.0	1,731,057.0	854,007.2	1,013.0	943.1
11/4/2019	24.00	41.3	1,336.2	1,924,086.0	1,609,955.9	794,262.7	1,013.0	877.1
11/5/2019	24.00	41.3	1,250.7	1,801,004.0	1,506,968.5	743,454.5	1,013.0	821.0
11/6/2019	23.97	41.3	1,250.1	1,797,712.0	1,504,213.9	742,095.5	1,013.0	819.5
11/7/2019	12.30	41.3	1,394.7	1,029,278.0	861,236.0	424,886.0	1,013.0	469.2
11/8/2019	18.40	41.3	1,380.1	1,523,588.0	1,274,844.0	628,937.1	1,013.0	694.5
11/9/2019	24.00	41.3	1,459.0	2,100,955.0	1,757,948.9	867,274.2	1,013.0	<b>957.7</b>
11/10/2019	24.00	41.3	1,268.8	1,827,100.0	1,528,804.0	754,226.9	1,013.0	832.9
11/11/2019	24.00	41.3	1,363.3	1,963,176.0	1,642,664.0	810,399.1	1,013.0	894.9
11/12/2019	24.00	41.3	1,330.3	1,915,565.0	1,602,826.0	790,745.2	1,013.0	873.2
11/13/2019	21.50	41.3	1,313.1	1,693,861.0	1,417,317.9	699,225.8	1,013.0	772.1
11/14/2019	19.13	41.3	1,268.8	1,456,547.0	1,218,748.2	601,262.6	1,013.0	664.0
11/15/2019	22.30	41.3	1,371.3	1,834,831.0	1,535,272.8	757,418.2	1,013.0	836.4
11/16/2019	16.67	41.3	1,343.4	1,343,423.0	1,124,093.1	554,565.0	1,013.0	612.4
11/17/2019	16.50	41.3	1,028.9	1,018,570.1	852,276.3	420,465.7	1,013.0	464.3
11/18/2019	22.70	41.3	1,043.7	1,421,565.1	1,189,477.5	586,822.1	1,013.0	648.0
11/19/2019	23.00	41.3	1,321.3	1,823,448.0	1,525,748.2	752,719.3	1,013.0	831.2
11/20/2019	19.83	41.3	1,413.9	1,682,593.0	1,407,889.5	694,574.4	1,013.0	767.0
11/21/2019	10.57	41.3	1,475.2	935,248.0	782,557.5	386,070.4	1,013.0	426.3
11/22/2019	12.83	41.3	1,376.6	1,060,005.0	886,946.5	437,570.1	1,013.0	483.2
11/23/2019	24.00	41.3	1,278.9	1,841,637.0	1,540,967.7	760,227.8	1,013.0	839.5
11/24/2019	11.53	41.3	1,384.6	958,109.0	801,686.2	395,507.4	1,013.0	436.8
11/25/2019	14.33	41.3	1,414.7	1,216,644.0	1,018,012.3	502,230.6	1,013.0	554.6
11/26/2019	13.20	41.3	1,406.3	1,113,818.0	931,973.8	459,784.1	1,013.0	507.7
11/27/2019	13.20	41.3	1,484.6	1,175,803.0	983,839.1	485,371.5	1,013.0	536.0
11/28/2019	20.47	41.3	1,423.5	1,748,019.0	1,462,633.9	721,582.2	1,013.0	796.8
11/29/2019	11.33	41.3	1,339.0	910,491.0	761,842.4	375,850.7	1,013.0	415.0
11/30/2019	12.43	41.3	1,532.2	1,143,027.0	956,414.1	471,841.5	1,013.0	521.0
<b>Totals/ Average:</b>	<b>577.20</b>	<b>41.3</b>	<b>1,350.0</b>	<b>46,456,294.2</b>	<b>38,871,746.7</b>	<b>19,177,158.3</b>	<b>1,013.0</b>	<b>21,177.1</b>
							<b>Maximum:</b>	<b>957.7</b>

Notes:

<sup>1</sup>There were 721 hours in November 2019 due to Daylight Savings Time.

<sup>\*</sup>CH<sub>4</sub> content of 41.3 percent determined from the August 29, 2019 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: December-2019

Date	Runtime (hours)	CH <sub>4</sub> (%)*	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)
12/1/2019	6.10	41.3	1,593.8	583,344.0	488,106.1	240,804.4	1,013.0	265.9
12/2/2019	9.90	41.3	1,450.8	861,792.0	721,094.1	355,747.7	1,013.0	392.8
12/3/2019	24.00	41.3	1,389.6	2,001,002.0	1,674,314.4	826,013.6	1,013.0	912.2
12/4/2019	18.87	41.3	1,416.1	1,603,005.0	1,341,295.2	661,720.5	1,013.0	730.7
12/5/2019	24.00	41.3	1,601.3	2,305,882.0	1,929,419.1	951,868.1	1,013.0	1,051.1
12/6/2019	24.00	41.3	1,454.9	2,094,987.0	1,752,955.2	864,810.6	1,013.0	955.0
12/7/2019	24.00	41.3	1,506.9	2,169,934.0	1,815,666.2	895,748.8	1,013.0	989.2
12/8/2019	24.00	41.3	1,475.2	2,124,356.0	1,777,529.4	876,934.2	1,013.0	968.4
12/9/2019	24.00	41.3	1,448.9	2,086,454.0	1,745,815.3	861,288.2	1,013.0	951.1
12/10/2019	24.00	41.3	1,687.0	2,429,219.0	2,032,619.8	1,002,781.6	1,013.0	1,107.4
12/11/2019	24.00	41.3	1,803.1	2,596,477.0	2,172,571.0	1,071,825.7	1,013.0	1,183.6
12/12/2019	24.00	41.3	1,723.8	2,482,336.0	2,077,064.9	1,024,708.3	1,013.0	1,131.6
12/13/2019	24.00	41.3	1,501.5	2,162,166.0	1,809,166.5	892,542.1	1,013.0	985.6
12/14/2019	24.00	41.3	1,479.2	2,130,099.0	1,782,334.8	879,304.9	1,013.0	971.0
12/15/2019	24.00	41.3	1,434.6	2,065,887.0	1,728,606.2	852,798.2	1,013.0	941.7
12/16/2019	20.67	41.3	1,465.1	1,816,742.0	1,520,137.1	749,951.1	1,013.0	828.2
12/17/2019	21.03	41.3	1,731.7	2,185,460.0	1,828,657.4	902,157.9	1,013.0	996.2
12/18/2019	21.00	41.3	2,153.8	2,713,729.0	2,270,680.2	1,120,227.3	1,013.0	<b>1,237.1</b>
12/19/2019	24.00	41.3	1,525.2	2,196,268.0	1,837,700.9	906,619.4	1,013.0	1,001.2
12/20/2019	24.00	41.3	1,585.5	2,283,186.0	1,910,428.5	942,499.2	1,013.0	1,040.8
12/21/2019	24.00	41.3	1,798.0	2,589,105.0	2,166,402.5	1,068,782.5	1,013.0	1,180.2
12/22/2019	24.00	41.3	1,585.4	2,283,018.0	1,910,287.9	942,429.8	1,013.0	1,040.7
12/23/2019	24.00	41.3	1,615.9	2,326,939.5	1,947,038.7	960,560.6	1,013.0	1,060.7
12/24/2019	24.00	41.3	1,528.4	2,200,858.0	1,841,541.5	908,514.2	1,013.0	1,003.3
12/25/2019	24.00	41.3	1,535.1	2,210,546.0	1,849,647.8	912,513.4	1,013.0	1,007.7
12/26/2019	24.00	41.3	1,491.1	2,147,155.0	1,796,606.2	886,345.6	1,013.0	978.8
12/27/2019	15.53	41.3	1,795.1	1,673,038.0	1,399,894.5	690,630.1	1,013.0	762.7
12/28/2019	24.00	41.3	1,697.2	2,444,003.0	2,044,990.2	1,008,884.4	1,013.0	1,114.1
12/29/2019	24.00	41.3	1,720.7	2,477,766.0	2,073,241.0	1,022,821.8	1,013.0	1,129.5
12/30/2019	24.00	41.3	1,678.4	2,416,843.0	2,022,264.4	997,672.8	1,013.0	1,101.7
12/31/2019	24.00	41.3	1,644.5	2,368,056.0	1,981,442.4	978,007.1	1,013.0	1,079.5
<b>Totals/ Average:</b>	<b>689.10</b>	<b>41.3</b>	<b>1,597.4</b>	<b>66,029,652.5</b>	<b>55,249,519.4</b>	<b>27,257,514.2</b>	<b>1,013.0</b>	<b>30,099.6</b>
							<b>Maximum:</b>	<b>1,237.1</b>

Notes:

\*CH<sub>4</sub> content of 41.3 percent determined from the August 29, 2019 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-2020

Date	Runtime (hours)	CH <sub>4</sub> (%)*	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)
1/1/2020	24.00	41.3	1,624.9	2,339,827.0	1,957,822.2	965,880.6	1,013.0	978.4
1/2/2020	24.00	41.3	1,667.1	2,400,642.0	2,008,708.4	990,985.0	1,013.0	1,003.9
1/3/2020	24.00	41.3	1,622.7	2,336,722.0	1,955,224.1	964,598.8	1,013.0	977.1
1/4/2020	24.00	41.3	1,556.7	2,241,614.0	1,875,643.6	925,338.3	1,013.0	937.4
1/5/2020	24.00	41.3	1,609.1	2,317,040.0	1,938,755.4	956,474.1	1,013.0	968.9
1/6/2020	24.00	41.3	1,628.0	2,344,372.0	1,961,625.1	967,756.8	1,013.0	980.3
1/7/2020	24.00	41.3	1,622.3	2,336,120.0	1,954,720.4	964,350.3	1,013.0	976.9
1/8/2020	24.00	41.3	1,581.9	2,277,907.0	1,906,011.3	940,320.0	1,013.0	952.5
1/9/2020	24.00	41.3	1,542.8	2,221,685.0	1,858,968.3	917,111.6	1,013.0	929.0
1/10/2020	22.03	41.3	1,516.2	2,004,449.0	1,677,198.6	827,436.5	1,013.0	838.2
1/11/2020	24.00	41.3	1,496.7	2,155,255.0	1,803,383.8	889,689.3	1,013.0	901.3
1/12/2020	24.00	41.3	1,470.2	2,117,152.0	1,771,501.5	873,960.3	1,013.0	885.3
1/13/2020	24.00	41.3	1,533.4	2,208,112.0	1,847,611.2	911,508.6	1,013.0	923.4
1/14/2020	24.00	41.3	1,524.9	2,195,784.0	1,837,295.9	906,419.6	1,013.0	918.2
1/15/2020	24.00	41.3	1,644.3	2,367,744.0	1,981,181.4	977,404.7	1,013.0	990.1
1/16/2020	24.00	41.3	1,503.6	2,165,237.0	1,811,736.1	893,809.8	1,013.0	905.4
1/17/2020	24.00	41.3	1,497.4	2,156,260.0	1,804,224.7	890,104.1	1,013.0	901.7
1/18/2020	24.00	41.3	1,469.8	2,116,468.0	1,770,929.2	873,678.0	1,013.0	885.0
1/19/2020	24.00	41.3	1,529.3	2,202,127.0	1,842,603.3	909,038.0	1,013.0	920.9
1/20/2020	24.00	41.3	1,830.7	2,636,177.0	2,205,789.5	1,088,213.9	1,013.0	1,102.4
1/21/2020	24.00	41.3	2,009.8	2,894,162.0	2,421,655.3	1,194,710.1	1,013.0	1,210.2
1/22/2020	24.00	41.3	2,078.0	2,992,267.0	2,503,743.5	1,235,207.8	1,013.0	<b>1,251.3</b>
1/23/2020	24.00	41.3	2,005.3	2,887,607.0	2,416,170.5	1,192,004.2	1,013.0	1,207.5
1/24/2020	24.00	41.3	1,848.4	2,661,641.0	2,227,096.2	1,098,725.4	1,013.0	1,113.0
1/25/2020	24.00	41.3	1,811.7	2,608,880.0	2,182,949.0	1,076,945.7	1,013.0	1,090.9
1/26/2020	24.00	41.3	1,803.7	2,597,333.0	2,173,287.2	1,072,179.1	1,013.0	1,086.1
1/27/2020	24.00	41.3	1,880.1	2,707,274.0	2,265,279.0	1,117,562.7	1,013.0	1,132.1
1/28/2020	24.00	41.3	1,819.2	2,619,665.0	2,191,973.3	1,081,397.7	1,013.0	1,095.5
1/29/2020	24.00	41.3	1,566.2	2,255,259.0	1,887,060.9	930,970.9	1,013.0	943.1
1/30/2020	24.00	41.3	1,569.2	2,259,706.0	1,890,781.9	932,806.6	1,013.0	944.9
1/31/2020	24.00	41.3	1,581.5	2,277,298.0	1,905,501.8	940,524.1	1,013.0	952.8
<b>Totals/ Average:</b>	<b>742.03</b>	<b>41.3</b>	<b>1,659.5</b>	<b>73,901,786.0</b>	<b>61,836,432.6</b>	<b>30,507,112.7</b>	<b>1,013.0</b>	<b>30,903.7</b>
							<b>Maximum:</b>	<b>1,251.3</b>

Notes:

\*CH<sub>4</sub> content of 41.3 percent determined from the August 29, 2019 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-2020

Date	Runtime (hours)	CH <sub>4</sub> (%)*	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)
2/1/2020	24.00	41.3	1,580.4	2,275,820.0	1,904,265.1	939,458.5	1,013.0	951.7
2/2/2020	24.00	41.3	1,545.8	2,225,925.0	1,862,516.0	918,861.8	1,013.0	930.8
2/3/2020	24.00	41.3	1,491.3	2,147,503.0	1,796,897.4	886,489.2	1,013.0	898.0
2/4/2020	24.00	41.3	1,531.8	2,205,731.0	1,845,618.9	910,525.8	1,013.0	922.4
2/5/2020	24.00	41.3	1,534.1	2,209,159.0	1,848,487.3	911,940.8	1,013.0	923.8
2/6/2020	24.00	41.3	1,548.6	2,230,052.0	1,865,969.3	920,565.5	1,013.0	932.5
2/7/2020	24.00	41.3	1,543.1	2,222,024.0	1,859,251.9	917,251.5	1,013.0	929.2
2/8/2020	23.93	41.3	1,536.6	2,206,605.0	1,846,350.3	910,886.5	1,013.0	922.7
2/9/2020	24.00	41.3	1,573.4	2,265,693.0	1,895,791.4	935,278.1	1,013.0	947.4
2/10/2020	24.00	41.3	1,800.3	2,592,378.0	2,169,141.2	1,070,133.6	1,013.0	1,084.0
2/11/2020	24.00	41.3	1,906.9	2,745,958.0	2,297,647.4	1,133,531.5	1,013.0	1,148.3
2/12/2020	24.00	41.3	1,880.4	2,707,795.0	2,265,715.0	1,117,777.8	1,013.0	1,132.3
2/13/2020	24.00	41.3	1,878.3	2,704,764.0	2,263,178.8	1,116,526.6	1,013.0	1,131.0
2/14/2020	20.30	41.3	1,810.5	2,205,167.0	1,845,147.0	910,292.9	1,013.0	922.1
2/15/2020	16.37	41.3	1,508.1	1,480,948.0	1,239,165.5	611,335.3	1,013.0	619.3
2/16/2020	22.33	41.3	1,405.1	1,882,815.0	1,575,422.9	777,226.0	1,013.0	787.3
2/17/2020	24.00	41.3	1,555.4	2,239,825.0	1,874,146.7	924,599.8	1,013.0	936.6
2/18/2020	24.00	41.3	1,439.8	2,073,280.0	1,734,792.2	855,850.0	1,013.0	867.0
2/19/2020	21.17	41.3	1,468.4	1,864,811.0	1,560,358.2	769,794.0	1,013.0	779.8
2/20/2020	22.30	41.3	1,627.2	2,177,136.0	1,821,692.4	898,721.7	1,013.0	910.4
2/21/2020	24.00	41.3	1,619.1	2,331,554.0	1,950,899.8	962,465.5	1,013.0	975.0
2/22/2020	24.00	41.3	1,537.9	2,214,567.0	1,853,012.4	914,173.3	1,013.0	926.1
2/23/2020	24.00	41.3	1,518.6	2,186,727.0	1,829,717.6	902,680.9	1,013.0	914.4
2/24/2020	23.90	41.3	1,624.2	2,329,034.0	1,948,791.3	961,425.2	1,013.0	973.9
2/25/2020	23.70	41.3	1,764.7	2,509,388.0	2,099,700.3	1,035,875.4	1,013.0	1,049.3
2/26/2020	24.00	41.3	1,783.9	2,568,841.0	2,149,446.9	1,060,417.6	1,013.0	1,074.2
2/27/2020	24.00	41.3	1,952.9	2,812,216.0	2,353,088.0	1,160,882.8	1,013.0	1,176.0
2/28/2020	24.00	41.3	2,179.1	3,137,899.0	2,625,599.3	1,295,324.7	1,013.0	<b>1,312.2</b>
2/29/2020	24.00	41.3	2,081.3	2,997,061.0	2,507,754.8	1,237,186.8	1,013.0	1,253.3
<b>Totals/ Average:</b>	<b>678.00</b>	<b>41.3</b>	<b>1,663.0</b>	<b>67,750,676.0</b>	<b>56,689,565.1</b>	<b>27,967,479.1</b>	<b>1,013.0</b>	<b>28,331.1</b>
							<b>Maximum:</b>	<b>1,312.2</b>

Notes:

\*CH<sub>4</sub> content of 41.3 percent determined from the August 29, 2019 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-2020

Date	Runtime (hours) <sup>1</sup>	CH <sub>4</sub> (%) <sup>*</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)
3/1/2020	24.00	41.3	1,793.0	2,581,916.0	2,160,387.2	1,065,814.9	1,013.0	1,079.7
3/2/2020	24.00	41.3	2,073.2	2,985,451.0	2,498,040.3	1,232,394.2	1,013.0	1,248.4
3/3/2020	24.00	41.3	2,166.4	3,119,558.0	2,610,252.7	1,287,753.5	1,013.0	1,304.5
3/4/2020	22.27	41.3	2,274.3	3,038,459.0	2,542,394.1	1,254,275.9	1,013.0	1,270.6
3/5/2020	22.20	41.3	2,152.3	2,866,905.0	2,398,848.4	1,183,458.4	1,013.0	1,198.8
3/6/2020	24.00	41.3	2,102.9	3,028,113.0	2,533,737.2	1,250,005.0	1,013.0	1,266.3
3/7/2020	24.00	41.3	2,082.8	2,999,271.0	2,509,604.0	1,238,099.1	1,013.0	1,254.2
3/8/2020	15.57	41.3	2,133.0	1,992,211.0	1,666,958.6	822,384.7	1,013.0	833.1
3/9/2020	24.00	41.3	2,106.5	3,033,395.0	2,538,156.9	1,252,185.5	1,013.0	1,268.5
3/10/2020	24.00	41.3	2,118.7	3,050,884.0	2,552,790.6	1,259,404.9	1,013.0	1,275.8
3/11/2020	24.00	41.3	2,134.2	3,073,193.0	2,571,457.4	1,268,614.1	1,013.0	1,285.1
3/12/2020	24.00	41.3	2,154.0	3,101,755.0	2,595,356.3	1,280,404.5	1,013.0	1,297.0
3/13/2020	24.00	41.3	2,112.1	3,041,457.0	2,544,902.6	1,255,513.4	1,013.0	1,271.8
3/14/2020	24.00	41.3	2,124.3	3,058,954.0	2,559,543.1	1,262,736.2	1,013.0	1,279.2
3/15/2020	24.00	41.3	2,133.1	3,071,718.0	2,570,223.2	1,268,005.2	1,013.0	1,284.5
3/16/2020	24.00	41.3	2,129.0	3,065,710.6	2,565,196.6	1,265,525.3	1,013.0	1,282.0
3/17/2020	20.87	41.3	2,307.1	2,888,524.0	2,416,937.8	1,192,382.7	1,013.0	1,207.9
3/18/2020	24.00	41.3	2,243.6	3,230,753.0	2,703,293.8	1,333,654.8	1,013.0	<b>1,351.0</b>
3/19/2020	24.00	41.3	2,181.6	3,141,487.0	2,628,601.5	1,296,805.8	1,013.0	1,313.7
3/20/2020	22.37	41.3	2,092.3	2,807,808.0	2,349,399.7	1,159,063.1	1,013.0	1,174.1
3/21/2020	21.40	41.3	2,013.0	2,584,684.0	2,162,703.3	1,066,957.6	1,013.0	1,080.8
3/22/2020	20.77	41.3	2,000.1	2,492,080.0	2,085,218.0	1,028,730.6	1,013.0	1,042.1
3/23/2020	15.37	41.3	2,020.6	1,862,951.0	1,558,801.9	769,026.2	1,013.0	779.0
3/24/2020	18.83	41.3	2,051.9	2,318,695.0	1,940,140.2	957,157.3	1,013.0	969.6
3/25/2020	24.00	41.3	2,020.6	2,909,636.0	2,434,603.0	1,201,097.7	1,013.0	1,216.7
3/26/2020	24.00	41.3	2,063.8	2,971,879.0	2,486,684.1	1,226,791.7	1,013.0	1,242.7
3/27/2020	24.00	41.3	1,950.9	2,809,257.0	2,350,612.1	1,159,661.3	1,013.0	1,174.7
3/28/2020	24.00	41.3	1,936.3	2,788,262.0	2,333,044.8	1,150,994.6	1,013.0	1,166.0
3/29/2020	24.00	41.3	1,906.9	2,745,916.0	2,297,612.3	1,133,514.1	1,013.0	1,148.2
3/30/2020	24.00	41.3	1,658.5	2,388,238.0	1,998,329.5	985,864.6	1,013.0	998.7
3/31/2020	18.87	41.3	1,735.8	1,964,899.0	1,644,105.7	811,503.3	1,013.0	822.1
<b>Totals/ Average:</b>	<b>702.50</b>	<b>41.3</b>	<b>2,063.6</b>	<b>87,014,019.6</b>	<b>72,807,936.7</b>	<b>35,919,780.3</b>	<b>1,013.0</b>	<b>36,386.7</b>
							<b>Maximum:</b>	<b>1,351.0</b>

Notes:

<sup>1</sup>There were 743.00 hours in March 2020 due to Daylight Savings Time.

<sup>\*</sup>CH<sub>4</sub> content of 41.3 percent determined from the August 29, 2019 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-8 Flare Heat Input Rate**

MONTH: October-2019

Date	Runtime (hours)	CH <sub>4</sub> (%)*	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)
10/1/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/2/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/3/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/4/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/5/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/6/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/7/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/8/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/9/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/10/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/11/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/12/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/13/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/14/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/15/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/16/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/17/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/18/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/19/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/20/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/21/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/22/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/23/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/24/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/25/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/26/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/27/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/28/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/29/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/30/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/31/2019	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:

\*CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 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-8 Flare Heat Input Rate**

MONTH: November-2019

Date	Runtime (hours)	CH <sub>4</sub> (%)*	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)
11/1/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/2/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/3/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/4/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/5/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/6/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/7/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/8/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/9/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/10/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/11/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/12/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/13/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/14/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/15/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/16/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/17/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/18/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/19/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/20/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/21/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/22/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/23/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/24/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/25/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/26/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/27/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/28/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/29/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
11/30/2019	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:

\*CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 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-8 Flare Heat Input Rate**

MONTH: December-2019

Date	Runtime (hours)	CH <sub>4</sub> (%)*	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)
12/1/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/2/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/3/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/4/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/5/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/6/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/7/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/8/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/9/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/10/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/11/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/12/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/13/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/14/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/15/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/16/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/17/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/18/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/19/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/20/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/21/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/22/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/23/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/24/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/25/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/26/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/27/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/28/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/29/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/30/2019	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
12/31/2019	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:

\*CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 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-8 Flare Heat Input Rate**

MONTH: January-2020

Date	Runtime (hours)	CH <sub>4</sub> (%)*	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)
1/1/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/2/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/3/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/4/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/5/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/6/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/7/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/8/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/9/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/10/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/11/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/12/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/13/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/14/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/15/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/16/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/17/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/18/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/19/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/20/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/21/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/22/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/23/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/24/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/25/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/26/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/27/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/28/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/29/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/30/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
1/31/2020	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:

\*CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 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-8 Flare Heat Input Rate**

MONTH: February-2020

Date	Runtime (hours)	CH <sub>4</sub> (%)*	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)
2/1/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/2/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/3/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/4/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/5/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/6/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/7/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/8/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/9/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/10/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/11/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/12/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/13/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/14/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/15/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/16/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/17/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/18/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/19/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/20/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/21/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/22/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/23/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/24/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/25/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/26/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/27/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/28/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
2/29/2020	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:

\*CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 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-8 Flare Heat Input Rate**

MONTH: March-2020

Date	Runtime (hours) <sup>1</sup>	CH <sub>4</sub> (%) <sup>*</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)
3/1/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/2/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/3/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/4/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/5/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/6/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/7/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/8/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/9/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/10/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/11/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/12/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/13/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/14/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/15/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/16/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/17/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/18/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/19/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/20/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/21/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/22/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/23/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/24/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/25/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/26/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/27/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/28/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/29/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/30/2020	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
3/31/2020	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>There were 743.00 hours in March 2020 due to Daylight Savings Time.

<sup>\*</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 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: October-2019

Date	Runtime (hours)*	CH <sub>4</sub> (%)**	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)
10/1/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/2/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/3/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/4/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/5/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/6/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/7/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/8/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/9/2019	20.7	48.7	3,229.8	4,011,356.0	3,957,852.5	1,953,931.5	1,013.0	<b>1,979.3</b>
10/10/2019	1.6	48.7	2,217.0	217,268.0	214,370.1	105,831.2	1,013.0	107.2
10/11/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/12/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/13/2019	0.8	48.7	2,214.1	106,275.0	104,857.5	51,766.6	1,013.0	52.4
10/14/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/15/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/16/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/17/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/18/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/19/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/20/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/21/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/22/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/23/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/24/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/25/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/26/2019	5.9	48.7	2,970.7	1,057,582.0	1,043,476.0	515,148.2	1,013.0	521.8
10/27/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/28/2019	0.4	48.7	3,124.4	68,737.0	67,820.2	33,481.8	1,013.0	33.9
10/29/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
10/30/2019	11.4	48.7	3,132.7	2,142,746.0	2,114,166.1	1,043,731.6	1,013.0	1,057.3
10/31/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>40.83</b>	<b>48.7</b>	<b>2,814.8</b>	<b>7,603,964.0</b>	<b>7,502,542.3</b>	<b>3,703,890.9</b>	<b>1,013.0</b>	<b>3,752.0</b>
							<b>Maximum:</b>	<b>1,979.3</b>

Notes:

\*\*CH<sub>4</sub> content of 49.0 percent (determined from the September 5, 2018 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-2019

Date	Runtime (hours) <sup>1</sup>	CH <sub>4</sub> (%)**	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)
11/1/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/2/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/3/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/4/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/5/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/6/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/7/2019	1.1	48.7	3,140.7	213,570.0	210,721.4	104,029.9	1,013.0	<b>105.4</b>
11/8/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/9/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/10/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/11/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/12/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/13/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/14/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/15/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/16/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/17/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/18/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/19/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/20/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/21/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/22/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/23/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/24/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/25/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/26/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/27/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/28/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/29/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
11/30/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>1.13</b>	<b>48.7</b>	<b>3,140.7</b>	<b>213,570.0</b>	<b>210,721.4</b>	<b>104,029.9</b>	<b>1,013.0</b>	<b>105.4</b>
							<b>Maximum:</b>	<b>105.4</b>

Notes:

<sup>1</sup>There were 721 hours in November 2019 due to Daylight Savings Time.

\*\*CH<sub>4</sub> content of 48.7 percent determined from the August 29, 2019 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: December-2019

Date	Runtime (hours)*	CH <sub>4</sub> (%)**	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)
12/1/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/2/2019	1.3	48.7	2,814.9	213,934.0	211,123.9	104,207.3	1,013.0	105.6
12/3/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/4/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/5/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/6/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/7/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/8/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/9/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/10/2019	1.7	48.7	3,468.6	346,864.0	342,307.8	168,957.5	1,013.0	171.2
12/11/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/12/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/13/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/14/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/15/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/16/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/17/2019	8.3	48.7	2,290.7	1,145,326.0	1,130,281.7	557,888.3	1,013.0	565.1
12/18/2019	17.0	48.7	2,278.9	2,324,503.0	2,293,969.7	1,132,265.4	1,013.0	<b>1,147.0</b>
12/19/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/20/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/21/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/22/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/23/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/24/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/25/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/26/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/27/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/28/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/29/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/30/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
12/31/2019	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>28.27</b>	<b>48.7</b>	<b>2,713.3</b>	<b>4,030,627.0</b>	<b>3,977,683.1</b>	<b>1,963,318.4</b>	<b>1,013.0</b>	<b>1,988.8</b>
							<b>Maximum:</b>	<b>1,147.0</b>

Notes:

\*\*CH<sub>4</sub> content of 48.7 percent determined from the August 29, 2019 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-2020

Date	Runtime (hours)*	CH <sub>4</sub> (%)**	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)
1/1/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/2/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/3/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/4/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/5/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/6/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/7/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/8/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/9/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/10/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/11/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/12/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/13/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/14/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/15/2020	1.6	48.7	2,749.9	258,493.0	255,097.6	125,911.9	1,013.0	127.5
1/16/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/17/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/18/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/19/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/20/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/21/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/22/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/23/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/24/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/25/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/26/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/27/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/28/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/29/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/30/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
1/31/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>1.57</b>	<b>48.7</b>	<b>2,749.9</b>	<b>258,493.0</b>	<b>255,097.6</b>	<b>125,911.9</b>	<b>1,013.0</b>	<b>127.5</b>
							<b>Maximum:</b>	<b>127.5</b>

Notes:

\*\*CH<sub>4</sub> content of 48.7 percent determined from the August 29, 2019 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-2020

Date	Runtime (hours)	CH <sub>4</sub> (%)**	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)
2/1/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/2/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/3/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/4/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/5/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/6/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/7/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/8/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/9/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/10/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/11/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/12/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/13/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/14/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/15/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/16/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/17/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/18/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/19/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/20/2020	1.5	48.7	2,703.1	248,681.0	245,414.5	121,132.5	1,013.0	122.7
2/21/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/22/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/23/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/24/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/25/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/26/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/27/2020	1.9	48.7	2,473.4	281,962.0	278,258.3	137,343.7	1,013.0	<b>139.1</b>
2/28/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
2/29/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>3.43</b>	<b>48.7</b>	<b>2,588.2</b>	<b>530,643.0</b>	<b>523,672.8</b>	<b>258,476.2</b>	<b>1,013.0</b>	<b>261.8</b>
							<b>Maximum:</b>	<b>139.1</b>

Notes:

\*\*CH<sub>4</sub> content of 48.7 percent determined from the August 29, 2019 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-2020

Date	Runtime (hours) <sup>1</sup>	CH <sub>4</sub> (%)**	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)
3/1/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
3/2/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
3/3/2020	15.4	48.7	2,646.6	2,445,485.0	2,413,362.6	1,191,195.7	1,013.0	1,206.7
3/4/2020	24.0	48.7	2,890.7	4,162,558.0	4,107,881.1	2,027,582.0	1,013.0	2,053.9
3/5/2020	24.0	48.7	2,921.0	4,206,209.0	4,150,958.8	2,048,844.4	1,013.0	2,075.5
3/6/2020	24.0	48.7	2,911.8	4,192,963.0	4,137,886.8	2,042,392.3	1,013.0	2,068.9
3/7/2020	24.0	48.7	2,906.6	4,185,462.0	4,130,484.3	2,038,738.5	1,013.0	2,065.2
3/8/2020	23.0	48.7	2,967.6	4,095,269.0	4,041,476.0	1,994,805.5	1,013.0	2,020.7
3/9/2020	24.0	48.7	2,930.8	4,220,407.0	4,164,970.3	2,055,760.2	1,013.0	2,082.5
3/10/2020	24.0	48.7	2,932.1	4,222,236.0	4,166,775.2	2,056,651.2	1,013.0	<b>2,083.4</b>
3/11/2020	24.0	48.7	2,930.1	4,219,357.0	4,163,934.1	2,055,248.8	1,013.0	2,082.0
3/12/2020	24.0	48.7	2,924.8	4,211,723.0	4,156,400.3	2,051,530.3	1,013.0	2,078.2
3/13/2020	24.0	48.7	2,888.3	4,159,208.0	4,104,575.1	2,025,950.2	1,013.0	2,052.3
3/14/2020	24.0	48.7	2,904.6	4,182,669.0	4,127,728.0	2,037,378.1	1,013.0	2,063.9
3/15/2020	24.0	48.7	2,909.3	4,189,342.0	4,134,313.3	2,040,628.5	1,013.0	2,067.2
3/16/2020	24.0	48.7	2,478.6	3,569,138.0	3,522,255.9	1,738,527.1	1,013.0	1,761.1
3/17/2020	3.1	48.7	2,890.2	543,354.0	536,216.8	264,667.7	1,013.0	268.1
3/18/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
3/19/2020	11.8	48.7	2,503.2	1,767,275.0	1,744,061.1	860,839.7	1,013.0	872.0
3/20/2020	18.7	48.7	2,730.1	3,068,637.0	3,028,329.2	1,494,733.1	1,013.0	1,514.2
3/21/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
3/22/2020	1.0	48.7	1,832.5	113,617.0	112,124.6	55,342.8	1,013.0	56.1
3/23/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
3/24/2020	0.5	48.7	1,836.1	58,754.0	57,982.2	28,619.1	1,013.0	29.0
3/25/2020	0.7	48.7	1,238.2	52,006.0	51,322.9	25,332.1	1,013.0	25.7
3/26/2020	1.7	48.7	2,400.7	240,069.0	236,915.6	116,937.6	1,013.0	118.5
3/27/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
3/28/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
3/29/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
3/30/2020	0.0	48.7	0.0	0.0	0.0	0.0	1,013.0	0.0
3/31/2020	8.6	48.7	2,779.6	1,439,812.0	1,420,899.5	701,332.4	1,013.0	710.4
<b>Totals/ Average:</b>	<b>372.60</b>	<b>48.7</b>	<b>2,652.4</b>	<b>63,545,550.0</b>	<b>62,710,853.8</b>	<b>30,953,037.4</b>	<b>1,013.0</b>	<b>31,355.4</b>
							<b>Maximum:</b>	<b>2,083.4</b>

Notes:

<sup>1</sup>There were 743.00 hours in March 2020 due to Daylight Savings Time.

\*\*CH<sub>4</sub> content of 48.7 percent determined from the August 29, 2019 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

## **APPENDIX M**

### **GAS MIGRATION MONITORING REPORTS**

March 2, 2020

Mr. Kieran Carroll  
Republic Services  
12310 San Mateo Road  
Half Moon Bay, CA 94019

Re: Fourth Quarter 2019 Perimeter Probe and Methane In-Structure Monitoring Report  
Ox Mountain Landfill, Half Moon Bay, California

Dear Mr. Carroll:

Tetra Tech respectfully submits the Fourth Quarter 2019 Perimeter Probe and Methane In-Structure Monitoring Report for the Ox Mountain Landfill (Ox Mountain). Tetra Tech Operations and Maintenance (O&M) conducted all required monitoring in accordance with requirements set forth in the California Code of Regulations (CCR) Title 27, Division 2, Chapter 3, Subchapter 4, Article 6, Section (§) 20921.

The Fourth Quarter 2019 Methane In-Structure Monitoring was completed on October 1, 2019. The Fourth Quarter 2019 In-Structure Permanent Methane monitor (Sierra Monitor) calibration was completed on November 19, 2019. The Fourth Quarter 2019 Perimeter Probe Monitoring was completed on October 7, 14, and 21, 2019; November 1, 4, 15, 18, and 25, 2019; and December 4, 10, 16, 23, and 30, 2019.

### **Probe Monitoring Equipment and Methodology**

Probe monitoring for methane, oxygen, carbon dioxide, and pressure was conducted with an Elkins Earthworks, Envision Landfill Gas (LFG) analyzer (Envision). Per the Republic Services (Republic) Standard Operating Procedures (SOP), the Envision was calibrated in the field prior to use. The static pressure of each probe was measured using the Envision's internal pressure transducers. Each probe was monitored to determine the concentration of methane as percent volume to air (zero to five percent).

Gas probe monitoring procedures are as follows:

- Connect sample tubing, open test valve, observe pressure and record data;
- For probes 20 feet deep, turn on sample pump, observe and record methane, oxygen, and carbon dioxide gas concentrations, when readings have stabilized for 30 seconds;
- For probes more than 20 feet deep, turn on sample pump, extract a minimum of one probe volume, observe and record methane, oxygen, and carbon dioxide gas concentrations, when readings have stabilized for 30 seconds; and
- Close test valve, disconnect sample instruments and secure sample location.

## Probe Monitoring Results History

During the Second Quarter 2018, exceedances of the five percent by volume methane limit were detected at four probes (OXPGP09A, OXPGP09B, OXPGP09C, and OXPGP17C). On June 15, 2018, Tetra Tech, formerly Cornerstone Environmental Group, LLC, herein referred to as Tetra Tech, submitted a notification to the San Mateo County Health System Environmental Health Services Divisions (Local Enforcement Agency [LEA]) regarding elevated methane levels detected at perimeter gas probe OXPGP17C that were initially detected on June 8, 2018. On July 3, 2018, Tetra Tech submitted a notification to the LEA regarding elevated methane levels detected at OXPGP09A and OXPGP09B on June 27, 2018. A Remediation Plan was due for submittal to the LEA within 60 days of the initial detection (August 7, 2018 and August 26, 2018, respectively). On August 3, 2018, Tetra Tech submitted the Remediation Plan to the LEA for OXPGP09A, OXPGP09B, and OXPGP17C.

On September 14, 2018, Tetra Tech submitted a notification to the LEA regarding persisting elevated methane levels detected at four perimeter gas probes (OXPGP6RA, OXPGP6RB, OXPGP17A, and OXPGP17B). This notification was made as required under CCR Title 27, Division 2, Chapter 3, Subchapter 4, Article 5, §20937, which states that the LEA must be notified within seven days of the initial exceedance on September 7, 2018.

On October 5, 2018, Tetra Tech submitted a Request for Limited Exemption from Regulation 8, Rule 34, Section 303 (118 Plan) regarding the installation of approximately 12 new vertical LFG extraction wells near these aforementioned probes, which will assist with the mitigation of methane migration at these probes. At the time of this submittal, six new vertical LFG extraction wells (OXEW1821, OXEW1822, OXEW1823, OXEW1824, OXEW1825, and OXEW1826) were started up in October and November 2018. Additionally, three replacement vertical LFG extraction wells (OXE1711A, OXE1712B, and OXEW1827) were started up in November 2018.

On November 6, 2018, Tetra Tech submitted a Remediation Plan to the LEA to address persisting exceedances detected at probes OXPGP6RA, OXPGP6RB, OXPGP09A, OXPGP09B, OXPGP17A, OXPGP17B, and OXPGP17C, within 60 days of the initial detection in the Third Quarter 2018.

On March 25, 2019, Tetra Tech submitted an initial notification to the LEA regarding exceedances detected at probes OXMNTMP4, OXPGP16B, and OXPGP16C during the First Quarter 2019. On May 2, 2019, Tetra Tech submitted a Probe Remediation Plan to the LEA to address exceedances detected during the First Quarter 2019 Probe Monitoring event, as well as previous persisting exceedances. On May 9, 2019, the LEA notified Republic that the Remediation Plan was approved. On June 5, 2019, Tetra Tech submitted a Request for Limited Exemption from Regulation 8, Rule 34, Section 303 (118 Plan) to the Bay Area Air Quality Management District (BAAQMD). Construction activities began on June 12, 2019 and concluded on July 3, 2019. LFG extraction wells OXEW1901, OXEW1904, OXEW1911, OXEW1912, OXEW1913, OXEW1914, OXEW1915, OXEW1916, OXEW1917, OXEW1918, OXEW1919, OXEW1920, and OXEW1921 were started up around July 15, 2019.

On November 5, 2019, Browning-Ferris Industries of California, Inc. (BFI) received a copy of a letter dated October 29, 2019 from the LEA via e-mail. The letter requested a third Remediation Plan be submitted for review in relation to Gas Probes OXPGP6RB, OXPGP16B, OXPGP16C, OXPGP17B, and OXPGP17C since it had been five months since the implementation of the original Remediation Plan and these probes have remained in exceedance. On December 27, 2019, the third Probe Remediation Plan was submitted to the LEA and CalRecycle. Additionally, a revised Landfill Gas Monitoring Plan (LGMP) was also submitted to the LEA and CalRecycle on January 7, 2020 for review and approval.

## Probe Monitoring Results Fourth Quarter 2019

The Fourth Quarter 2019 perimeter probe monitoring event was completed by Tetra Tech O&M on October 7, 14, and 21, 2019; November 1, 4, 15, 18, and 25, 2019; and December 4, 10, 16, 23, and 30, 2019. Exceedances of the five percent by volume methane limit were detected at six probes (OXPGP16B, OXPGP16C, OXPGP17A, OXPGP17B, OXPGP17C, and OXPGP6RB). Three of these probes (OXPGP17A, OXPGP17B, and OXPGP17C) have remained in exceedance since the Second Quarter 2018.



Mr. Kieran Carroll  
February 11, 2020

Probes OXPGP16B, OXPGP16C, OXPGP17A, OXPGP17B, OXPGP17C, and OXPGP6RB remain in exceedance as of December 31, 2019.

These results indicate that the remainder of the perimeter LFG probes are in compliance with the requirements of CCR Title 27 §20921. See Table 1 for results.

### **Methane In-Structure Monitoring Equipment and Methodology**

In-Structure monitoring for methane was conducted with a Trimble Site Flame Ionization Detector (FID). Per the Republic SOP, the FID is calibrated in the field to 500 parts per million by volume (ppmv) methane prior to use. During monitoring, the tip of the FID is held approximately one foot off the floor within on-site buildings and structures and included spaces where methane could accumulate if it were migrating into the buildings through the foundation system, utility conduits, and/or other paths of least resistance between the landfill and onsite structures. Methane gas concentrations are not to exceed 1.25 percent by volume within onsite structures.

### **Methane In-Structure Monitoring Results**

The Fourth Quarter 2019 Methane In-Structure monitoring was conducted using a Trimble SiteFID on October 1, 2019. Methane concentrations were monitored at each of the following five structures onsite to detect the presence of combustible gas accumulation in confined areas: maintenance area, upper office trailer, lower break trailer, recycle trailer, and the scalehouse.

Methane was not detected above 1.25 percent by volume in any structures monitored. All in-structure readings were in compliance with CCR Title 27 §20921. Results of in-structure monitoring are provided in Table 2.

### **In-Structure Permanent Methane Monitors (Sierra Monitors)**

BAS O&M calibrated the Sierra Gas Monitors in the administrative office, maintenance break area, lower break area, recycle trailer, and scalehouse for the Fourth Quarter 2019 on November 19, 2019. Sierra Monitor calibration was conducted with a Sierra Monitor Corporation Model 26 Calibration System. No issues were detected. Refer to Table 3 for results.

### **Weather Condition Monitoring**

The monitoring was conducted in accordance with the weather requirements set forth in CCR Title 27 §20934. Refer to Table 4 of this report for details.

If you have any questions regarding this report, please do not hesitate to contact Kendra Kent at (520) 526-7270 or by email at [Kendra.Kent@TetraTech.com](mailto:Kendra.Kent@TetraTech.com).

Sincerely,

**TETRA TECH**

  
Meng Yuan  
Environmental Scientist

  
Kendra Kent  
Environmental Scientist

Enclosure:      Table 1 – Perimeter Gas Probe Monitoring Results  
                      Table 2 – Landfill Methane In-Structure Monitoring Results  
                      Table 3 – Sierra Gas Monitor Calibration Records  
                      Table 4 – Weather Conditions

**TETRA TECH**

**Ox Mountain Landfill**  
**Table 1 – Perimeter Gas Probe Monitoring Results**  
**Fourth Quarter 2019**

**Technician:** Jack Carroll and Matt Bowman (Tetra Tech O&M)

**Dates of Monitoring:** October 7, 14, and 21, 2019;  
 November 1, 4, 15, 18, and 25, 2019; and  
 December 4, 10, 16, 23, and 30, 2019

**Instrument:** Envision LFG Analyzer

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXMMP11B	11/15/19 13:54	0.0	35.9	0.1	64.0	-0.28	None. <sup>1</sup>
OXMNMP1D	11/15/19 14:12	0.0	1.5	19.1	79.4	0.01	None.
OXMNMP1M	11/15/19 14:14	0.0	0.1	20.0	79.9	0.01	None.
OXMNMP1S	11/15/19 14:15	0.0	0.7	18.5	80.8	0.01	None.
OXMNMP2D	11/15/19 10:51	0.0	0.0	20.7	79.3	-0.01	None.
OXMNMP2M	11/15/19 10:53	0.0	0.0	20.8	79.2	-0.01	None.
OXMNMP2S	11/15/19 10:54	0.0	0.0	20.8	79.2	-0.01	None.
OXMNTMP3	11/15/19 12:00	0.1	0.8	20.7	78.4	-0.01	None.
OXMNTMP4	11/15/19 12:26	0.0	10.0	8.8	81.2	0.01	None.
OXMP18RA	11/15/19 13:16	0.0	4.8	15.8	79.4	0.01	None.
OXMP18RB	11/15/19 13:18	0.0	2.8	14.9	82.3	0.03	None.
OXMP18RC	11/15/19 13:20	0.0	0.6	4.9	94.5	1.01	None.
OXMP11RRA	11/15/19 13:52	0.0	6.4	16.5	77.1	0.01	None.
OXPGP07A	11/15/19 12:38	0.0	0.0	19.0	81.0	0.01	None.
OXPGP07B	11/15/19 12:40	0.0	0.0	12.7	87.3	0.02	None.
OXPGP07C	11/15/19 12:41	0.0	0.0	19.8	80.2	0.13	None.
OXPGP08A	11/15/19 13:30	0.0	2.8	17.4	79.8	0.01	None.
OXPGP08B	11/15/19 13:31	0.0	3.1	15.9	81.0	0.05	None.
OXPGP08C	11/15/19 13:33	0.0	0.4	19.4	80.2	0.02	None.
OXPGP09A	11/15/19 12:58	0.0	1.8	18.1	80.1	0.01	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP09B	11/15/19 12:59	0.0	11.5	11.4	77.1	0.08	None.
OXPGP09C	11/15/19 13:01	0.0	0.9	19.2	79.9	0.16	None.
OXPGP10A	11/15/19 13:06	0.0	2.9	11.5	85.6	0.01	None.
OXPGP10B	11/15/19 13:08	0.0	0.1	19.5	80.4	0.03	None.
OXPGP10C	11/15/19 13:09	0.0	0.0	19.7	80.3	-0.51	None.
OXPGP12A	11/15/19 13:41	0.0	0.6	17.1	82.3	0.01	None.
OXPGP12B	11/15/19 13:42	0.0	0.1	19.7	80.2	0.49	None.
OXPGP12C	11/15/19 13:44	0.0	0.0	19.8	80.2	0.01	None.
OXPGP13A	11/15/19 11:04	0.0	0.6	18.6	80.8	-0.03	None.
OXPGP13B	11/15/19 11:07	0.0	0.7	19.8	79.5	-0.06	None.
OXPGP13C	11/15/19 11:10	0.0	0.1	19.7	80.2	4.89	None.
OXPGP14A	11/15/19 11:17	0.0	0.0	20.0	80.0	-0.20	None.
OXPGP14B	11/15/19 11:19	0.0	0.1	19.1	80.8	-0.07	None.
OXPGP14C	11/15/19 11:21	0.0	2.2	18.7	79.1	-0.04	None.
OXPGP15A	11/15/19 10:37	0.0	4.4	17.6	78.0	-0.01	None.
OXPGP15B	11/15/19 10:39	0.0	3.9	17.0	79.1	0.00	None.
OXPGP15C	11/15/19 10:41	0.0	3.3	16.6	80.1	-0.76	None.
OXPGP16A	10/7/19 9:32	0.0	10.3	14.0	75.7	-0.02	None.
OXPGP16A	10/14/19 9:26	0.0	8.1	14.6	77.3	0.00	None.
OXPGP16A	10/21/19 15:11	0.0	4.1	16.7	79.2	0.00	None.
OXPGP16A	11/1/19 10:12	0.0	5.5	15.8	78.7	-0.01	None.
OXPGP16A	11/4/19 11:29	0.0	4.3	16.5	79.2	-0.01	None.
OXPGP16A	11/15/19 11:30	0.0	3.2	17.6	79.2	-0.01	None.
OXPGP16A	11/18/19 13:19	0.0	3.4	17.4	79.2	-0.01	None.
OXPGP16A	11/25/19 12:45	0.0	1.8	18.4	79.8	0.00	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP16A	12/4/19 10:00	0.0	0.7	19.2	80.1	-0.02	None.
OXPGP16A	12/10/19 9:17	0.0	0.6	19.6	79.8	-0.02	None.
OXPGP16A	12/16/19 11:07	0.0	1.4	16.2	82.4	0.00	None.
OXPGP16A	12/23/19 9:07	0.0	0.0	20.6	79.4	-0.01	None.
OXPGP16A	12/30/19 11:25	0.0	0.2	19.9	79.9	0.00	None.
OXPGP16B	10/7/19 9:38	53.5	35.4	1.7	9.4	0.02	None.
OXPGP16B	10/7/19 9:43	53.4	35.9	1.7	9.0	-1.18	None.
OXPGP16B	10/14/19 9:32	52.5	36.9	1.9	8.7	0.00	None.
OXPGP16B	10/14/19 9:37	52.4	38.0	1.9	7.7	-0.02	None.
OXPGP16B	10/21/19 15:16	52.1	39.2	1.5	7.2	0.09	None.
OXPGP16B	10/21/19 15:22	52.0	38.8	1.5	7.7	0.00	None.
OXPGP16B	11/1/19 10:18	52.4	36.6	1.7	9.3	0.00	None.
OXPGP16B	11/1/19 10:23	51.8	36.5	1.8	9.9	-1.21	None.
OXPGP16B	11/4/19 11:35	52.4	39.6	1.6	6.4	0.02	None.
OXPGP16B	11/4/19 11:40	52.6	40.1	1.6	5.7	-1.17	None.
OXPGP16B	11/15/19 11:33	52.9	41.0	1.6	4.5	0.02	None.
OXPGP16B	11/15/19 11:34	52.9	40.9	1.5	4.7	-1.19	None.
OXPGP16B	11/18/19 13:25	50.7	43.0	1.4	4.9	0.03	None.
OXPGP16B	11/18/19 13:30	50.7	43.3	1.4	4.6	-1.09	None.
OXPGP16B	11/25/19 12:47	42.5	39.4	1.6	16.5	0.03	None.
OXPGP16B	11/25/19 12:50	41.4	40.2	1.6	16.8	-0.92	None.
OXPGP16B	12/4/19 10:06	48.6	40.0	1.9	9.5	-0.02	None.
OXPGP16B	12/4/19 10:11	48.8	40.9	1.9	8.4	-1.46	None.
OXPGP16B	12/10/19 9:22	49.1	38.5	1.7	10.7	0.02	None.
OXPGP16B	12/10/19 9:28	48.8	39.3	1.8	10.1	-1.30	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP16B	12/16/19 11:13	51.0	41.3	1.5	6.2	0.04	None.
OXPGP16B	12/16/19 11:18	50.5	42.1	1.5	5.9	-1.14	None.
OXPGP16B	12/23/19 9:13	48.8	42.4	1.7	7.1	-0.01	None.
OXPGP16B	12/23/19 9:18	48.3	43.4	1.7	6.6	-1.33	None.
OXPGP16B	12/30/19 11:30	48.6	46.5	1.4	3.5	0.04	None.
OXPGP16B	12/30/19 11:35	48.4	47.5	1.4	2.7	-1.06	None.
OXPGP16C	10/7/19 9:49	52.1	41.8	0.9	5.2	0.00	None.
OXPGP16C	10/7/19 9:54	51.8	41.9	0.9	5.4	-3.90	None.
OXPGP16C	10/14/19 9:43	51.8	43.3	0.9	4.0	-0.01	None.
OXPGP16C	10/14/19 9:48	51.9	44.2	0.9	3.0	-0.02	None.
OXPGP16C	10/21/19 15:28	51.3	42.4	0.8	5.5	0.05	None.
OXPGP16C	10/21/19 15:32	51.5	42.4	0.8	5.3	0.03	None.
OXPGP16C	11/1/19 10:28	52.5	41.9	0.7	4.9	0.00	None.
OXPGP16C	11/1/19 10:33	52.7	41.8	0.7	4.8	-4.28	None.
OXPGP16C	11/4/19 11:45	53.1	44.2	0.7	2.0	0.04	None.
OXPGP16C	11/4/19 11:51	53.1	44.5	0.7	1.7	-3.64	None.
OXPGP16C	11/15/19 11:37	53.1	44.7	0.7	1.5	0.04	None.
OXPGP16C	11/15/19 11:39	53.6	44.3	0.6	1.5	-3.90	None.
OXPGP16C	11/18/19 13:36	51.6	46.6	0.6	1.2	0.08	None.
OXPGP16C	11/18/19 13:41	51.1	47.3	0.6	1.0	-2.98	None.
OXPGP16C	11/25/19 12:53	45.8	44.1	0.6	9.5	0.03	None.
OXPGP16C	11/25/19 12:55	45.9	44.4	0.6	9.1	-2.94	None.
OXPGP16C	12/4/19 10:16	54.1	43.9	0.6	1.4	-0.08	None.
OXPGP16C	12/4/19 10:22	53.9	44.2	0.6	1.3	-3.69	None.
OXPGP16C	12/10/19 9:33	53.5	42.7	0.6	3.2	-0.01	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP16C	12/10/19 9:38	53.3	42.4	0.6	3.7	-3.34	None.
OXPGP16C	12/16/19 11:23	54.3	43.2	0.5	2.0	0.03	None.
OXPGP16C	12/16/19 11:29	54.0	43.6	0.5	1.9	-2.32	None.
OXPGP16C	12/23/19 9:23	53.0	43.7	0.6	2.7	0.03	None.
OXPGP16C	12/23/19 9:29	52.9	44.3	0.6	2.2	-3.29	None.
OXPGP16C	12/30/19 11:41	53.2	45.9	0.5	0.4	0.03	None.
OXPGP16C	12/30/19 11:46	53.3	45.9	0.5	0.3	-1.98	None.
OXPGP17A	10/7/19 10:04	1.8	31.4	0.7	66.1	-0.01	None.
OXPGP17A	10/14/19 9:59	0.7	30.4	0.7	68.2	-0.01	None.
OXPGP17A	10/21/19 14:39	0.0	25.1	0.4	74.5	0.00	None.
OXPGP17A	11/1/19 10:43	0.0	24.7	0.3	75.0	-0.02	None.
OXPGP17A	11/4/19 12:00	0.0	24.0	0.4	75.6	-0.05	None.
OXPGP17A	11/15/19 11:45	0.0	21.5	0.6	77.9	-0.02	None.
OXPGP17A	11/18/19 11:54	0.0	20.3	0.6	79.1	0.00	None.
OXPGP17A	11/25/19 12:03	0.0	15.4	0.4	84.2	0.03	None.
OXPGP17A	12/4/19 10:31	1.7	17.9	0.2	80.2	-0.02	None.
OXPGP17A	12/10/19 10:48	7.6	16.1	0.6	75.7	0.00	None.
OXPGP17A	12/10/19 10:53	8.3	15.3	0.6	75.8	-2.65	None.
OXPGP17A	12/16/19 11:38	9.4	15.2	4.1	71.3	0.00	None.
OXPGP17A	12/16/19 11:43	9.9	13.8	5.0	71.3	-13.96	None.
OXPGP17A	12/23/19 9:38	9.8	14.1	5.6	70.5	-0.08	None.
OXPGP17A	12/23/19 9:44	8.5	11.9	7.6	72.0	-17.01	None.
OXPGP17A	12/30/19 10:48	7.5	15.9	2.8	73.8	-0.04	None.
OXPGP17A	12/30/19 10:54	6.6	15.2	3.9	74.3	-10.80	None.
OXPGP17B	10/7/19 10:09	17.4	62.4	0.1	20.1	-0.12	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP17B	10/7/19 10:15	17.0	65.6	0.0	17.4	-9.00	None.
OXPGP17B	10/14/19 10:04	15.3	67.1	0.1	17.5	-0.11	None.
OXPGP17B	10/14/19 10:10	14.8	68.2	0.0	17.0	-9.67	None.
OXPGP17B	10/21/19 14:45	14.1	58.0	0.1	27.8	-0.01	None.
OXPGP17B	10/21/19 14:50	13.9	58.0	0.1	28.0	-0.11	None.
OXPGP17B	11/1/19 10:49	12.2	65.7	0.0	22.1	-0.01	None.
OXPGP17B	11/1/19 10:55	12.4	67.9	0.0	19.7	-6.75	None.
OXPGP17B	11/4/19 12:05	12.7	71.1	0.1	16.1	-0.12	None.
OXPGP17B	11/4/19 12:10	12.4	71.1	0.1	16.4	-8.88	None.
OXPGP17B	11/15/19 11:50	10.9	70.4	0.0	18.7	-0.05	None.
OXPGP17B	11/15/19 11:51	10.9	73.9	0.0	15.2	-8.67	None.
OXPGP17B	11/18/19 11:59	10.3	70.5	0.0	19.2	-0.03	None.
OXPGP17B	11/18/19 12:04	10.1	70.7	0.0	19.2	-8.34	None.
OXPGP17B	11/25/19 12:06	7.5	48.7	3.2	40.6	0.02	None.
OXPGP17B	11/25/19 12:07	7.8	52.9	1.8	37.5	-4.87	None.
OXPGP17B	12/4/19 10:36	10.6	71.6	0.0	17.8	-0.01	None.
OXPGP17B	12/4/19 10:41	10.9	74.4	0.0	14.7	-7.67	None.
OXPGP17B	12/10/19 10:59	12.7	71.9	0.0	15.4	-0.01	None.
OXPGP17B	12/10/19 11:04	13.2	72.0	0.0	14.8	-7.34	None.
OXPGP17B	12/16/19 11:48	14.1	75.5	0.0	10.4	0.02	None.
OXPGP17B	12/16/19 11:54	14.4	74.9	0.0	10.7	-7.09	None.
OXPGP17B	12/23/19 9:49	14.1	73.8	0.0	12.1	-0.24	None.
OXPGP17B	12/23/19 9:54	14.3	75.6	0.0	10.1	-7.63	None.
OXPGP17B	12/30/19 10:59	13.4	73.1	0.0	13.5	-0.24	None.
OXPGP17B	12/30/19 11:05	13.0	76.1	0.0	10.9	-6.46	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP17C	10/7/19 10:20	33.7	64.3	0.2	1.8	-0.08	None.
OXPGP17C	10/7/19 10:26	34.6	64.2	0.0	1.2	-0.29	None.
OXPGP17C	10/7/19 10:33	34.3	65.7	0.0	0.0	-0.20	None.
OXPGP17C	10/14/19 10:16	34.2	65.6	0.2	0.0	-0.15	None.
OXPGP17C	10/14/19 10:21	35.1	64.9	0.0	0.0	-0.54	None.
OXPGP17C	10/21/19 14:56	35.8	57.5	0.3	6.4	0.02	None.
OXPGP17C	10/21/19 15:01	36.8	58.8	0.1	4.3	-0.02	None.
OXPGP17C	11/1/19 11:00	38.1	59.7	0.5	1.7	0.03	None.
OXPGP17C	11/1/19 11:06	43.4	56.3	0.0	0.3	0.04	None.
OXPGP17C	11/4/19 12:16	42.6	57.4	0.0	0.0	0.02	None.
OXPGP17C	11/4/19 12:21	40.7	59.3	0.0	0.0	-0.30	None.
OXPGP17C	11/15/19 11:55	37.8	56.9	1.5	3.8	0.00	None.
OXPGP17C	11/15/19 11:57	39.7	58.3	0.6	1.4	-0.40	None.
OXPGP17C	11/18/19 12:10	40.1	59.7	0.0	0.2	0.05	None.
OXPGP17C	11/18/19 12:15	39.6	60.4	0.0	0.0	-0.34	None.
OXPGP17C	11/25/19 12:13	30.4	51.9	2.2	15.5	-0.04	None.
OXPGP17C	11/25/19 12:16	35.4	57.1	0.2	7.3	-0.18	None.
OXPGP17C	12/4/19 10:47	46.0	53.8	0.2	0.0	0.12	None.
OXPGP17C	12/4/19 10:53	47.4	52.6	0.0	0.0	-0.23	None.
OXPGP17C	12/10/19 11:10	47.8	52.2	0.0	0.0	0.14	None.
OXPGP17C	12/10/19 11:15	50.1	49.9	0.0	0.0	0.12	None.
OXPGP17C	12/16/19 11:59	50.5	49.5	0.0	0.0	0.18	None.
OXPGP17C	12/16/19 12:04	51.1	48.9	0.0	0.0	-0.12	None.
OXPGP17C	12/23/19 10:00	49.6	50.3	0.1	0.0	-0.08	None.
OXPGP17C	12/23/19 10:05	47.8	52.2	0.0	0.0	-0.30	None.



Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP17C	12/30/19 11:11	47.5	52.4	0.1	0.0	-0.03	None.
OXPGP17C	12/30/19 11:16	45.9	54.1	0.0	0.0	-0.30	None.
OXPGP19A	11/15/19 12:46	0.0	0.2	19.6	80.2	0.02	None.
OXPGP19B	11/15/19 12:48	0.0	0.0	19.6	80.4	0.26	None.
OXPGP19C	11/15/19 12:49	0.0	0.5	18.8	80.7	0.33	None.
OXPGP20A	11/15/19 12:29	0.0	0.2	20.0	79.8	0.01	None.
OXPGP20B	11/15/19 12:31	0.0	0.0	20.1	79.9	0.01	None.
OXPGP20C	11/15/19 12:33	0.3	0.1	19.9	79.7	-0.06	None.
OXPGP6RA	10/7/19 10:42	0.0	13.3	9.4	77.3	-0.02	None.
OXPGP6RA	10/14/19 10:31	0.0	12.1	11.1	76.8	-0.01	None.
OXPGP6RA	10/21/19 14:06	0.0	10.1	12.3	77.6	-0.01	None.
OXPGP6RA	11/1/19 11:20	0.0	9.3	14.7	76.0	-0.01	None.
OXPGP6RA	11/4/19 12:40	0.0	9.0	14.2	76.8	-0.02	None.
OXPGP6RA	11/15/19 12:10	0.0	9.4	13.7	76.9	0.01	None.
OXPGP6RA	11/18/19 12:55	0.0	8.1	15.9	76.0	0.00	None.
OXPGP6RA	11/25/19 12:25	0.1	7.7	15.8	76.4	0.01	None.
OXPGP6RA	12/4/19 11:01	0.0	6.9	16.2	76.9	-0.02	None.
OXPGP6RA	12/10/19 10:01	0.0	6.9	15.9	77.2	-0.01	None.
OXPGP6RA	12/16/19 12:12	0.0	8.3	14.1	77.6	-0.01	None.
OXPGP6RA	12/23/19 10:13	0.0	9.1	12.4	78.5	-0.01	None.
OXPGP6RA	12/30/19 11:56	0.0	9.9	10.3	79.8	-0.02	None.
OXPGP6RB	10/7/19 10:48	25.3	32.7	0.0	42.0	-0.01	None.
OXPGP6RB	10/7/19 10:53	25.8	33.6	0.0	40.6	-0.15	None.
OXPGP6RB	10/14/19 10:37	23.2	34.3	0.0	42.5	-0.05	None.
OXPGP6RB	10/14/19 10:42	23.8	35.0	0.0	41.2	-0.10	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP6RB	10/21/19 14:12	20.9	32.3	0.0	46.8	0.06	None.
OXPGP6RB	10/21/19 14:25	22.3	32.8	0.0	44.9	0.02	None.
OXPGP6RB	11/1/19 11:25	17.7	33.2	0.0	49.1	0.00	None.
OXPGP6RB	11/1/19 11:31	18.4	34.2	0.0	47.4	-0.12	None.
OXPGP6RB	11/4/19 12:45	18.5	35.2	0.0	46.3	0.01	None.
OXPGP6RB	11/4/19 12:51	19.1	35.7	0.0	45.2	-0.17	None.
OXPGP6RB	11/15/19 12:14	13.0	34.2	0.0	52.8	-0.04	None.
OXPGP6RB	11/15/19 12:15	13.4	34.7	0.0	51.9	-0.05	None.
OXPGP6RB	11/18/19 13:00	14.8	34.8	0.0	50.4	0.05	None.
OXPGP6RB	11/18/19 13:05	15.6	35.5	0.0	48.9	-0.13	None.
OXPGP6RB	11/25/19 12:28	9.4	28.4	0.1	62.1	0.07	None.
OXPGP6RB	11/25/19 12:29	10.3	30.1	0.0	59.6	-0.10	None.
OXPGP6RB	12/4/19 11:06	11.8	35.3	0.0	52.9	0.06	None.
OXPGP6RB	12/4/19 11:12	12.7	36.6	0.0	50.7	-0.11	None.
OXPGP6RB	12/10/19 10:07	7.7	34.2	0.0	58.1	-0.05	None.
OXPGP6RB	12/10/19 10:13	8.4	35.7	0.0	55.9	-0.07	None.
OXPGP6RB	12/16/19 12:18	6.9	36.6	0.0	56.5	0.04	None.
OXPGP6RB	12/16/19 12:23	7.7	37.3	0.0	55.0	-0.16	None.
OXPGP6RB	12/23/19 10:20	7.2	37.0	0.0	55.8	0.00	None.
OXPGP6RB	12/23/19 10:25	7.8	38.0	0.0	54.2	-0.14	None.
OXPGP6RB	12/30/19 12:01	5.5	36.2	0.0	58.3	0.05	None.
OXPGP6RB	12/30/19 12:06	5.9	37.3	0.0	56.8	-0.14	None.
OXPGP6RC	10/7/19 10:58	1.6	4.0	1.1	93.3	0.02	None.
OXPGP6RC	10/14/19 10:48	1.6	3.9	1.4	93.1	-0.02	None.
OXPGP6RC	10/21/19 14:30	1.7	2.8	2.2	93.3	0.04	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP6RC	11/1/19 11:36	0.0	4.0	1.1	94.9	0.01	None.
OXPGP6RC	11/4/19 12:56	0.9	3.9	0.4	94.8	0.02	None.
OXPGP6RC	11/15/19 12:21	1.1	4.1	0.7	94.1	-0.02	None.
OXPGP6RC	11/18/19 13:10	1.3	4.2	1.1	93.4	0.10	None.
OXPGP6RC	11/25/19 12:31	0.0	1.4	9.9	88.7	0.08	None.
OXPGP6RC	12/4/19 11:17	0.0	4.5	1.3	94.2	0.04	None.
OXPGP6RC	12/10/19 10:18	0.0	0.1	20.6	79.3	0.02	None.
OXPGP6RC	12/16/19 12:33	0.0	2.4	5.4	92.2	-0.13	None.
OXPGP6RC	12/23/19 10:30	1.2	4.5	1.4	92.9	0.03	None.
OXPGP6RC	12/30/19 12:12	0.0	3.6	2.7	93.7	0.04	None.

Notes:

% – percent CH<sub>4</sub> – methane CO<sub>2</sub> – carbon dioxide O<sub>2</sub> – oxygen in. wc. – inches in water column

CCR Title 27 §20921 require that: The concentration of methane gas migrating from the disposal site must not exceed five (5) percent by volume in air at the disposal site permitted facility boundary or an alternative boundary approved in accordance with CCR Title 27 §20925.

Static pressure reading was not saved to the monitoring device. Therefore, the maximum pressure (in. wc.) was substituted.

1. GEM notes "Valve Adjustment:"";Well Condition:"";Well Repairs:""" were replaced with "None" as they are not applicable to the probes.

**Ox Mountain Landfill**  
**Table 2 – Methane In-Structure Monitoring Results**  
**Fourth Quarter 2019**

**Analyst:** Jack Carroll (Tetra Tech O&M)  
**Instrument:** Trimble Site FID

**Date:** October 1, 2019  
**Serial Number:** TLCF0303

Monitored Location	Date	Methane (ppmv)	Methane (%)	Comments
Maintenance Area	10/1/2019 10:00	0.0	0.0	None
Upper Office Trailer	10/1/2019 10:05	0.0	0.0	None
Lower Break Trailer	10/1/2019 10:20	0.0	0.0	None
Recycle Trailer	10/1/2019 10:24	0.0	0.0	None
Scalehouse	10/1/2019 10:35	0.0	0.0	None

Notes:

1. ppmv – parts per million by volume % - percent by volume
2. CCR Title 27 §20921 require that: The concentration of methane gas must not exceed 1.25 percent by volume in air within any portion of any on-site structures.

**Ox Mountain Landfill**  
**Table 3 – Sierra Gas Monitor Calibration**  
**Fourth Quarter 2019**

**Technician:** Max Polkabra (Tetra Tech O&M)  
**Instrument:** Model 26 Calibration System by  
 Sierra Monitor Corporation

**Date Completed:** November 19, 2019

Sensor Location	Sensor Calibration Completed	Alarms	Calibrate Zero	Calibrated to ppm of Methane	Comments
Office Area	Y	Y	Y	5,000	None
Maintenance Break Area	Y	Y	Y	5,000	None
Lower Break Area	Y	Y	Y	5,000	None
Recycle Trailer	Y	Y	Y	5,000	None
Scalehouse	Y	Y	Y	5,000	None

Notes:

1. ppm – parts per million

**Ox Mountain Landfill  
Table 4 – Weather Conditions  
Fourth Quarter 2019**

Date	Conditions	Ambient Air Temperature (°F)	Wind Direction	Wind Speed (MPH)	Barometric Pressure (in. Hg)
10/1/2019	Fair	47.0	VAR	0.0	29.99
10/14/2019	Fair	58.0	Calm	0.0	29.97
10/21/2019	Fair	64.0	Calm	0.0	30.17
11/1/2019	Fair	57.0	Calm	0.0	30.17
11/4/2019	Fair	60.0	Calm	0.0	30.01
11/15/2019	Mostly Cloudy	53.0	ENE	7.0	30.24
11/18/2019	Fair	61.0	Calm	0.0	29.97
11/19/2019	Fair/Windy	59.0	W	31.0	29.80
11/25/2019	Fair	57.0	NW	7.0	30.10
12/4/2019	Cloudy	55.0	NE	7.0	29.83
12/10/2019	Mostly Cloudy	53.0	ENE	7.0	30.24
12/16/2019	Fair	49.0	SE	7.0	30.34
12/23/2019	Partly Cloudy	47.0	NNW	7.0	29.93
12/30/2019	Fair	50.0	SSE	7.0	30.14

Notes:

1. NA – Not available °F – Degrees Fahrenheit mph – miles per hour in. Hg – inches mercury ENE – east-northeast NNW – north-northwest VAR – Variable NE – northeast NW – northwest SE – southeast SSE – south-southeast W – west
2. Source: BAS O&M field notes and [www.wunderground.com](http://www.wunderground.com) (Station ID: KSFO)

## CALIBRATION RECORDS



## ENVISION Calibration Log

Date: 10/7/2019  
Site: Ox Mountain  
Technician: Jack Carroll  
Instrument S/N: 1705208B  
Instrument Type: ENVISION  
Arrival Time: 7:45  
Departure Time: 3:15

### Calibration No. 1

FLOW 2900 Temp: 68  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 126-401166195-1  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
Lot#: 4% O2 / Balance Gas: 105-401165689-1

### Calibration No. 2

FLOW 2900 Temp: 70  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 126-401166195-1  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
Lot#: 4% O2 / Balance Gas: 105-401165689-1

### Calibration No. 3

FLOW Temp: 70  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
Lot#: 4% O2 / Balance Gas: 105-401165689-1

### Calibration No. 4

FLOW Temp: 734  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
Lot#: 4% O2 / Balance Gas: 105-401165689-1





## Daily ENVISION Calibration Log

Date: 10/14/2019  
Site: Ox Mountain  
Technician: Matt Bowman  
ENV S/N: 1603201  
Meter Type: ENVISION  
Arrival Time: 8:00AM  
Departure Time: 3:30PM

### Calibration No. 1

Flow: n/a Temp: 61  
Lot#: 50% CH<sub>4</sub> / 35% CO<sub>2</sub> / Balance Gas: 122-401166194-1 9:17AM  
(Probes Only) Lot#: 15% CH<sub>4</sub> / 15% CO<sub>2</sub> / Balance Gas: \_\_\_\_\_  
Lot#: 4% O<sub>2</sub> / Balance Gas: 105-401165689-1 9:17AM

### Calibration No. 2

Flow: n/a Temp: 73  
Lot#: 50% CH<sub>4</sub> / 35% CO<sub>2</sub> / Balance Gas: 122-401166194-1 2:51PM  
(Probes Only) Lot#: 15% CH<sub>4</sub> / 15% CO<sub>2</sub> / Balance Gas: \_\_\_\_\_  
Lot#: 4% O<sub>2</sub> / Balance Gas: 105-401165689-1 2:51PM



## Daily ENVISION Calibration Log

Date: 10/21/2019  
Site: Ox Mountain  
Technician: Matt Bowman  
ENV S/N: 1603201  
Meter Type: ENVISION  
Arrival Time: 12:00PM  
Departure Time: 4:30PM

### Calibration No. 1

Flow: n/a Temp: 72  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1 12:08PM  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: \_\_\_\_\_  
Lot#: 4% O2 / Balance Gas: 105-401165689-1 12:08PM

### Calibration No. 2

Flow: n/a Temp: 74  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1 1:29PM  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: \_\_\_\_\_  
Lot#: 4% O2 / Balance Gas: 105-401165689-1 1:29PM

### Calibration No. 3

Flow: n/a Temp: 74  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126-401166195-1 1:34PM  
Lot#: 4% O2 / Balance Gas: 105-401165689-1 1:34PM

### Calibration No. 4

Flow: n/a Temp: 73  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126-401166195-1 3:50PM  
Lot#: 4% O2 / Balance Gas: 105-401165689-1 3:50PM



## Daily ENVISION Calibration Log

Date: 11/1/2019  
Site: Ox Mountain  
Technician: Matt Bowman  
ENV S/N: 1603201  
Meter Type: ENVISION  
Arrival Time: 10:30AM  
Departure Time: 2:30PM

### Calibration No. 1

Flow: n/a Temp: 60  
Lot#: 50% CH<sub>4</sub> / 35% CO<sub>2</sub> / Balance Gas: 122-401166194-1 11:19AM  
(Probes Only) Lot#: 15% CH<sub>4</sub> / 15% CO<sub>2</sub> / Balance Gas: \_\_\_\_\_  
Lot#: 4% O<sub>2</sub> / Balance Gas: 105-401165689-1 11:19AM

### Calibration No. 2

Flow: n/a Temp: 61  
Lot#: 50% CH<sub>4</sub> / 35% CO<sub>2</sub> / Balance Gas: 122-401166194-1 2:05PM  
(Probes Only) Lot#: 15% CH<sub>4</sub> / 15% CO<sub>2</sub> / Balance Gas: \_\_\_\_\_  
Lot#: 4% O<sub>2</sub> / Balance Gas: 105-401165689-1 2:05PM



# ENVISION Calibration Log

Date: 11/4/2019  
 Site: Ox Mountain  
 Technician: Jack Carroll  
 Instrument S/N: 1705208B  
 Instrument Type: ENVISION  
 Arrival Time: 9:30  
 Departure Time: 3:00

## Calibration No. 1

FLOW 3800 Temp: 61  
 Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1  
 (Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
 Lot#: 4% O2 / Balance Gas: 105-401165689-1

## Calibration No. 2

FLOW 3800 Temp: 64  
 Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1  
 (Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
 Lot#: 4% O2 / Balance Gas: 105-401165689-1

## Calibration No. 3

FLOW 3800 Temp: 64  
 Lot#: 50% CH4 / 35% CO2 / Balance Gas:  
 (Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126-401166195-1  
 Lot#: 4% O2 / Balance Gas: 105-401165689-1

## Calibration No. 4

FLOW 3800 Temp: 64  
 Lot#: 50% CH4 / 35% CO2 / Balance Gas:  
 (Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126-401166195-1  
 Lot#: 4% O2 / Balance Gas: 105-401165689-1



## ENVISION Calibration Log

Date:	11/15/2019
Site:	Ox Mountain
Technician:	Jack Carroll
Instrument S/N:	1705208B
Instrument Type:	ENVISION
Arrival Time:	8:30
Departure Time:	3:00

### Calibration No. 1

	FLOW	Temp: 57
Lot#:	50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only) Lot#:	15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
Lot#:	4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 2

	FLOW	Temp: 61
Lot#:	50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only) Lot#:	15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
Lot#:	4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 3

	FLOW	Temp: 60
Lot#:	50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only) Lot#:	15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
Lot#:	4% O2 / Balance Gas:	105-401165689-1



## ENVISION Calibration Log

Date: 11/18/2019  
Site: Ox Mountain  
Technician: Jack Carroll  
Instrument S/N: 1705208B  
Instrument Type: ENVISION  
Arrival Time: 8:30  
Departure Time: 4:00

### Calibration No. 1

FLOW Temp: 61  
Lot#: 50% CH4 / 35% CO2 / Balance Gas:  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126-401166195-1  
Lot#: 4% O2 / Balance Gas: 105-401165689-1

### Calibration No. 2

FLOW Temp: 70  
Lot#: 50% CH4 / 35% CO2 / Balance Gas:  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126-401166195-1  
Lot#: 4% O2 / Balance Gas: 105-401165689-1

### Calibration No. 3

FLOW 5220 Temp: 72  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
Lot#: 4% O2 / Balance Gas: 105-401165689-1

### Calibration No. 4

FLOW 5220 Temp: 72  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
Lot#: 4% O2 / Balance Gas: 105-401165689-1



# ENVISION Calibration Log

Date: 11/25/2019  
Site: Ox Mountain  
Technician: Max Polkabila  
Instrument S/N: ENV 1602204B  
Instrument Type: ENVISION  
Arrival Time: 11:00 AM  
Departure Time: 1:00 PM

## Calibration No. 1

FLOW Temp: 61  
Lot#: 50% CH4 / 35% CO2 / Balance Gas:  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126401166195-1  
Lot#: 4% O2 / Balance Gas: 105401165689-1

## Calibration No. 2

FLOW Temp: 64  
Lot#: 50% CH4 / 35% CO2 / Balance Gas:  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126401166195-1  
Lot#: 4% O2 / Balance Gas: 105401165689-1

## Calibration No. 3

FLOW Temp:  
Lot#: 50% CH4 / 35% CO2 / Balance Gas:  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
Lot#: 4% O2 / Balance Gas:

## Calibration No. 4

FLOW Temp:  
Lot#: 50% CH4 / 35% CO2 / Balance Gas:  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
Lot#: 4% O2 / Balance Gas:



## ENVISION Calibration Log

Date:	12/4/2019
Site:	Ox Mountain
Technician:	Jack Carroll
Instrument S/N:	1705208B
Instrument Type:	ENVISION
Arrival Time:	9:30
Departure Time:	3:00

### Calibration No. 1

	FLOW 4760	Temp: 53
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 2

	FLOW 4760	Temp: 55
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 3

	FLOW 4760	Temp: 55
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	122-401166194-1
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 4

	FLOW 4760	Temp: 57
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	122-401166194-1
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	
	Lot#: 4% O2 / Balance Gas:	105-401165689-1





## Daily ENVISION Calibration Log

Date: 12/10/2019  
Site: Ox Mountain  
Technician: Matt Bowman  
ENV S/N: 1603201  
Meter Type: ENVISION  
Arrival Time: 10:30AM  
Departure Time: 3:00PM

### Calibration No. 1

Flow: n/a Temp: 50  
Lot#: 50% CH<sub>4</sub> / 35% CO<sub>2</sub> / Balance Gas: 122-401166194-1 10:49AM  
(Probes Only) Lot#: 15% CH<sub>4</sub> / 15% CO<sub>2</sub> / Balance Gas: \_\_\_\_\_  
Lot#: 4% O<sub>2</sub> / Balance Gas: 105-401165689-1 10:49AM

### Calibration No. 2

Flow: n/a Temp: 54  
Lot#: 50% CH<sub>4</sub> / 35% CO<sub>2</sub> / Balance Gas: 122-401166194-1 2:22PM  
(Probes Only) Lot#: 15% CH<sub>4</sub> / 15% CO<sub>2</sub> / Balance Gas: \_\_\_\_\_  
Lot#: 4% O<sub>2</sub> / Balance Gas: 105-401165689-1 2:22PM



## ENVISION Calibration Log

Date:	12/16/2019
Site:	Ox Mountain
Technician:	Jack Carroll
Instrument S/N:	1705208B
Instrument Type:	ENVISION
Arrival Time:	10:00
Departure Time:	3:00

### Calibration No. 1

	FLOW 4760	Temp: 54
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 2

	FLOW 4760	Temp: 55
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 3

	FLOW 4760	Temp: 55
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	122-401166194-1
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 4

	FLOW 4760	Temp: 54
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	122-401166194-1
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	
	Lot#: 4% O2 / Balance Gas:	105-401165689-1





## ENVISION Calibration Log

Date:	12/30/2019
Site:	Ox Mountain
Technician:	Jack Carroll
Instrument S/N:	1705208B
Instrument Type:	ENVISION
Arrival Time:	10:30
Departure Time:	3:00

### Calibration No. 1

	FLOW 4760	Temp: 54
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 2

	FLOW 4760	Temp: 55
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

April 2, 2020

Mr. Agustin Moreno  
Republic Services  
12310 San Mateo Road  
Half Moon Bay, CA 94019

Re: First Quarter 2020 Perimeter Probe and Methane In-Structure Monitoring Report  
Ox Mountain Landfill, Half Moon Bay, California

Dear Mr. Moreno:

Tetra Tech respectfully submits the First Quarter 2020 Perimeter Probe and Methane In-Structure Monitoring Report for the Ox Mountain Landfill (Ox Mountain). Tetra Tech Operations and Maintenance (O&M) conducted all required monitoring in accordance with requirements set forth in the California Code of Regulations (CCR) Title 27, Division 2, Chapter 3, Subchapter 4, Article 6, Section (§) 20921.

The First Quarter 2020 Methane In-Structure Monitoring was completed on February 11, 2020. The First Quarter 2019 In-Structure Permanent Methane monitor (Sierra Monitor) calibration was completed on January 9, 2020. The First Quarter 2020 Perimeter Probe Monitoring was completed on February 5, 2020. Additional weekly monitoring of non-compliant perimeter probes were conducted per the Probe Remediation Plan on January 7, 14, 20, and 30, 2020; February 11, 17, and 26, 2020; and March 2, 12, 16, 26, and 30, 2020.

### **Probe Monitoring Equipment and Methodology**

Probe monitoring for methane, oxygen, carbon dioxide, and pressure was conducted with an Elkins Earthworks, Envision Landfill Gas (LFG) analyzer (Envision). Per the Republic Services (Republic) Standard Operating Procedures (SOP), the Envision was calibrated in the field prior to use. The static pressure of each probe was measured using the Envision's internal pressure transducers. Each probe was monitored to determine the concentration of methane as percent volume to air (zero to five percent).

Gas probe monitoring procedures are as follows:

- Connect sample tubing, open test valve, observe pressure and record data;
- For probes 20 feet deep, turn on sample pump, observe and record methane, oxygen, and carbon dioxide gas concentrations, when readings have stabilized for 30 seconds;
- For probes more than 20 feet deep, turn on sample pump, extract a minimum of one probe volume, observe and record methane, oxygen, and carbon dioxide gas concentrations, when readings have stabilized for 30 seconds; and
- Close test valve, disconnect sample instruments and secure sample location.

## Probe Monitoring Results History

During the Second Quarter 2018, exceedances of the five percent by volume methane limit were detected at four probes (OXPGP09A, OXPGP09B, OXPGP09C, and OXPGP17C). On June 15, 2018, Tetra Tech, formerly Cornerstone Environmental Group, LLC, herein referred to as Tetra Tech, submitted a notification to the San Mateo County Health System Environmental Health Services Divisions (Local Enforcement Agency [LEA]) regarding elevated methane levels detected at perimeter gas probe OXPGP17C that were initially detected on June 8, 2018. On July 3, 2018, Tetra Tech submitted a notification to the LEA regarding elevated methane levels detected at OXPGP09A and OXPGP09B on June 27, 2018. A Remediation Plan was due for submittal to the LEA within 60 days of the initial detection (August 7, 2018 and August 26, 2018, respectively). On August 3, 2018, Tetra Tech submitted the Remediation Plan to the LEA for OXPGP09A, OXPGP09B, and OXPGP17C.

On September 14, 2018, Tetra Tech submitted a notification to the LEA regarding persisting elevated methane levels detected at four perimeter gas probes (OXPGP6RA, OXPGP6RB, OXPGP17A, and OXPGP17B). This notification was made as required under CCR Title 27, Division 2, Chapter 3, Subchapter 4, Article 5, §20937, which states that the LEA must be notified within seven days of the initial exceedance on September 7, 2018.

On October 5, 2018, Tetra Tech submitted a Request for Limited Exemption from Regulation 8, Rule 34, Section 303 (118 Plan) regarding the installation of approximately 12 new vertical LFG extraction wells near these aforementioned probes, which will assist with the mitigation of methane migration at these probes. At the time of this submittal, six new vertical LFG extraction wells (OXEW1821, OXEW1822, OXEW1823, OXEW1824, OXEW1825, and OXEW1826) were started up in October and November 2018. Additionally, three replacement vertical LFG extraction wells (OXE1711A, OXE1712B, and OXEW1827) were started up in November 2018.

On November 6, 2018, Tetra Tech submitted a Remediation Plan to the LEA to address persisting exceedances detected at probes OXPGP6RA, OXPGP6RB, OXPGP09A, OXPGP09B, OXPGP17A, OXPGP17B, and OXPGP17C, within 60 days of the initial detection in the Third Quarter 2018.

On March 25, 2019, Tetra Tech submitted an initial notification to the LEA regarding exceedances detected at probes OXMNTMP4, OXPGP16B, and OXPGP16C during the First Quarter 2019. On May 2, 2019, Tetra Tech submitted a Probe Remediation Plan to the LEA to address exceedances detected during the First Quarter 2019 Probe Monitoring event, as well as previous persisting exceedances. On May 9, 2019, the LEA notified Republic that the Remediation Plan was approved. On June 5, 2019, Tetra Tech submitted a Request for Limited Exemption from Regulation 8, Rule 34, Section 303 (118 Plan) to the Bay Area Air Quality Management District (BAAQMD). Construction activities began on June 12, 2019 and concluded on July 3, 2019. LFG extraction wells OXEW1901, OXEW1904, OXEW1911, OXEW1912, OXEW1913, OXEW1914, OXEW1915, OXEW1916, OXEW1917, OXEW1918, OXEW1919, OXEW1920, and OXEW1921 were started up around July 15, 2019.

On November 5, 2019, Browning-Ferris Industries of California, Inc. (BFI) received a copy of a letter dated October 29, 2019 from the LEA via e-mail. The letter requested a third Remediation Plan be submitted for review in relation to Gas Probes OXPGP6RB, OXPGP16B, OXPGP16C, OXPGP17B, and OXPGP17C since it had been five months since the implementation of the original Remediation Plan and these probes have remained in exceedance. On December 27, 2019, the third Probe Remediation Plan was submitted to the LEA and CalRecycle. Additionally, a revised Landfill Gas Monitoring Plan (LGMP) was also submitted to the LEA and CalRecycle on January 7, 2020 for review and approval.

On February 5, 2020, during the First Quarter 2020 Perimeter Probe monitoring event, perimeter gas Probe MP4 indicated a concentration of methane slightly above the five-percent by volume in air requirement. Two readings were taken, an initial reading and a follow-up to confirm the exceedance. The probe readings were 5.7 percent and 5.1 percent. On February 11, 2020, Tetra Tech submitted a Notification for Methane Exceedance to the LEA. On the same day, the probe was re-monitored and was found to have returned to compliance with a methane reading of 0.5 percent. MP4 has been intermittently compliant since then and on March 16, 2020 was found to

Mr. Agustin Moreno  
April 2, 2020

again be out of compliance and has remained out of compliance as of the end of the First Quarter 2020 monitoring period.

### **Probe Monitoring Results First Quarter 2020**

The First Quarter 2020 Perimeter Probe Monitoring was completed on February 5, 2020. Exceedances of the five percent by volume methane limit were detected at five probes (OXMNTMP4, OXPGP16B, OXPGP16C, OXPGP17B, OXPGP17C, and OXPGP6RB). Two of these probes (OXPGP17A and OXPGP17C) have remained in exceedance since the Second Quarter 2018.

Probes OXMNTMP4, OXPGP16B, OXPGP16C, and OXPGP17C have been intermittently compliant during prior quarterly monitoring events but remained in exceedance for the First Quarter 2020 event as of March 31, 2020.

These results indicate that the remainder of the perimeter LFG probes are in compliance with the requirements of CCR Title 27 §20921. Table 1 contains the results for the First Quarter 2020 event as well as the additional weekly monitoring readings taken during second quarter per the Probe Remediation Plan

### **Methane In-Structure Monitoring Equipment and Methodology**

In-Structure monitoring for methane was conducted with a Trimble Site Flame Ionization Detector (FID). Per the Republic SOP, the FID is calibrated in the field to 500 parts per million by volume (ppmv) methane prior to use. During monitoring, the tip of the FID is held approximately one foot off the floor within on-site buildings and structures and included spaces where methane could accumulate if it were migrating into the buildings through the foundation system, utility conduits, and/or other paths of least resistance between the landfill and onsite structures. Methane gas concentrations are not to exceed 1.25 percent by volume within onsite structures.

### **Methane In-Structure Monitoring Results**

The First Quarter 2020 Methane In-Structure monitoring was conducted using a Trimble Site FID on February 11, 2020. Methane concentrations were monitored at each of the following five structures onsite to detect the presence of combustible gas accumulation in confined areas: maintenance area, upper office trailer, lower break trailer, recycle trailer, and the scalehouse.

Methane was not detected above 1.25 percent by volume in any structures monitored. All in-structure readings were in compliance with CCR Title 27 §20921. Results of in-structure monitoring are provided in Table 2.

### **In-Structure Permanent Methane Monitors (Sierra Monitors)**

Tetra Tech O&M calibrated the Sierra Gas Monitors in the administrative office, maintenance break area, lower break area, recycle trailer, and scalehouse for the First Quarter 2020 on January 9, 2020. Sierra Monitor calibration was conducted with a Sierra Monitor Corporation Model 26 Calibration System. No issues were detected. Refer to Table 3 for results.

### **Weather Condition Monitoring**

The monitoring was conducted in accordance with the weather requirements set forth in CCR Title 27 §20934. Refer to Table 4 of this report for details.

Mr. Agustin Moreno  
April 2, 2020

If you have any questions regarding this report, please do not hesitate to contact Kendra Kent at (520) 526-7270 or by email at [Kendra.Kent@TetraTech.com](mailto:Kendra.Kent@TetraTech.com).

Sincerely,

**TETRA TECH**

  
Meng Yuan  
Environmental Scientist

  
Kendra Kent  
Environmental Scientist

Enclosure:      Table 1 – Perimeter Gas Probe Monitoring Results  
                     Table 2 – Landfill Methane In-Structure Monitoring Results  
                     Table 3 – Sierra Gas Monitor Calibration Records Calibration Records  
                     Table 4 – Weather Conditions

cc:            Kieran Carroll, Ox Mountain



**Ox Mountain Landfill**  
**Table 1 – Perimeter Gas Probe Monitoring Results**  
**First Quarter 2020**

**Technician:** Jack Carroll, Matt Bowman, and Max Polkabila (Tetra Tech O&M)

**Dates of Monitoring:** January 7, 14, 20, 30, February 5, 11, 17, 26, March 2, 12, 16, and 26, 2020

**Instrument:** Envision LFG Analyzer

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXMMP11B	2/5/20 14:43	0.0	45.0	0.1	54.9	0.64	None. <sup>1</sup>
OXMNMP1D	2/5/20 11:07	0.0	0.4	19.3	80.3	-0.04	None.
OXMNMP1M	2/5/20 11:05	0.0	0.0	20.7	79.3	4.90	None.
OXMNMP1S	2/5/20 11:03	0.0	0.5	19.2	80.3	-0.04	None.
OXMNMP2D	2/5/20 11:16	0.0	0.0	20.6	79.4	-0.04	None.
OXMNMP2M	2/5/20 11:14	0.0	0.0	20.5	79.5	-0.04	None.
OXMNMP2S	2/5/20 11:13	0.0	0.0	20.5	79.5	-0.04	None.
OXMNTMP3	2/5/20 12:12	0.0	0.0	20.1	79.9	-0.04	None.
OXMNTMP4	2/5/20 12:45	5.7	21.3	0.1	72.9	-0.03	None.
OXMNTMP4	2/5/20 12:50	5.1	21.4	0.5	73.0	-0.04	None.
OXMNTMP4	2/11/20 14:23	0.5	18.7	2.2	78.6	-0.01	None.
OXMNTMP4	2/11/20 14:24	0.5	18.3	2.8	78.4	-0.01	None.
OXMNTMP4	2/17/20 13:18	0.2	19.6	2.2	78.0	0.00	None.
OXMNTMP4	2/26/20 13:51	0.0	18.8	3.7	77.5	0.00	None.
OXMNTMP4	3/2/20 12:15	0.0	17.8	4.9	77.3	-0.05	None.
OXMNTMP4	3/12/20 11:11	1.9	20.7	0.2	77.2	0.01	None.
OXMNTMP4	3/16/20 11:29	9.1	21.2	0.0	69.7	-0.01	None.
OXMNTMP4	3/16/20 11:31	8.8	21.1	0.0	70.1	-0.01	None.
OXMNTMP4	3/26/20 8:36	17.8	19.5	1.6	61.1	0.04	None.
OXMNTMP4	3/26/20 8:42	19.5	19.5	1.9	59.1	0.00	None.
OXMNTMP4	3/30/20 10:46	16.6	22.4	1.5	59.5	-0.01	None.
OXMNTMP4	3/30/20 10:52	19.9	23.2	1.5	55.4	-0.02	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXMP18RA	2/5/20 14:21	0.0	4.7	12.5	82.8	0.00	None.
OXMP18RB	2/5/20 14:24	0.0	3.5	14.9	81.6	0.03	None.
OXMP18RC	2/5/20 14:25	0.0	0.1	7.8	92.1	0.68	None.
OXP11RRA	2/5/20 14:41	0.0	5.6	14.9	79.5	0.00	None.
OXPGP07A	2/5/20 12:55	0.0	0.0	19.9	80.1	-0.04	None.
OXPGP07B	2/5/20 12:57	0.0	0.0	12.9	87.1	-0.04	None.
OXPGP07C	2/5/20 12:58	0.0	0.0	20.1	79.9	0.11	None.
OXPGP08A	2/5/20 13:32	0.0	3.7	14.3	82.0	-0.03	None.
OXPGP08B	2/5/20 13:33	0.0	7.3	8.2	84.5	0.01	None.
OXPGP08C	2/5/20 13:34	0.0	5.7	14.4	79.9	-0.03	None.
OXPGP09A	2/5/20 14:04	0.0	7.5	13.5	79.0	-0.01	None.
OXPGP09B	2/5/20 14:05	0.0	16.9	10.4	72.7	0.04	None.
OXPGP09C	2/5/20 14:07	0.0	4.5	15.7	79.8	0.00	None.
OXPGP10A	2/5/20 14:13	0.0	1.7	7.8	90.5	0.02	None.
OXPGP10B	2/5/20 14:15	0.0	0.1	18.9	81.0	0.02	None.
OXPGP10C	2/5/20 14:17	0.0	0.0	19.9	80.1	-0.01	None.
OXPGP12A	2/5/20 14:32	0.0	0.0	16.3	83.7	0.01	None.
OXPGP12B	2/5/20 14:34	0.0	0.0	20.1	79.9	0.46	None.
OXPGP12C	2/5/20 14:35	0.0	0.0	20.2	79.8	-0.07	None.
OXPGP13A	2/5/20 14:59	0.0	3.1	17.1	79.8	-0.12	None.
OXPGP13B	2/5/20 15:01	0.0	0.5	17.8	81.7	0.08	None.
OXPGP13C	2/5/20 15:03	0.0	0.4	17.5	82.1	0.40	None.
OXPGP14A	2/5/20 15:09	0.0	1.7	14.5	83.8	0.35	None.
OXPGP14B	2/5/20 15:11	0.0	0.8	16.7	82.5	0.10	None.
OXPGP14C	2/5/20 15:12	0.0	0.0	16.8	83.2	2.50	None.
OXPGP15A	2/5/20 10:52	0.0	6.8	13.4	79.8	-0.01	None.
OXPGP15B	2/5/20 10:53	0.0	3.4	17.7	78.9	0.05	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP15C	2/5/20 10:56	0.0	2.9	17.0	80.1	0.19	None.
OXPGP16A	1/7/20 9:38	0.0	8.0	5.2	86.8	-0.02	None.
OXPGP16A	1/14/20 11:01	0.0	0.0	20.0	80.0	0.01	None.
OXPGP16A	1/20/20 9:17	0.0	0.0	20.3	79.7	0.01	None.
OXPGP16A	1/30/20 8:58	0.0	0.0	20.1	79.9	0.02	None.
OXPGP16A	2/5/20 11:21	0.0	8.3	5.2	86.5	-0.04	None.
OXPGP16A	2/11/20 13:56	0.0	0.1	20.5	79.4	-0.04	None.
OXPGP16A	2/17/20 12:33	0.0	0.2	20.3	79.5	-0.03	None.
OXPGP16A	2/26/20 13:26	0.0	0.3	20.8	78.9	-0.02	None.
OXPGP16A	3/2/20 11:46	0.0	0.2	20.3	79.5	-0.02	None.
OXPGP16A	3/12/20 10:48	0.4	0.3	20.5	78.8	-0.01	None.
OXPGP16A	3/16/20 12:06	0.0	0.7	18.9	80.4	-0.04	None.
OXPGP16A	3/26/20 7:19	0.0	0.9	19.2	79.9	0.02	None.
OXPGP16A	3/30/20 9:30	0.0	1.3	19.1	79.6	-0.03	None.
OXPGP16B	1/7/20 9:44	48.3	43.3	1.5	6.9	0.05	None.
OXPGP16B	1/7/20 9:49	48.6	44.0	1.5	5.9	-1.18	None.
OXPGP16B	1/14/20 11:07	47.3	45.0	1.8	5.9	-0.03	None.
OXPGP16B	1/14/20 11:12	47.3	46.2	1.7	4.8	-1.55	None.
OXPGP16B	1/20/20 9:23	46.8	45.2	1.6	6.4	0.01	None.
OXPGP16B	1/20/20 9:28	46.8	45.8	1.7	5.7	-1.02	None.
OXPGP16B	1/30/20 9:04	46.9	43.9	1.8	7.4	-0.01	None.
OXPGP16B	1/30/20 9:09	46.8	44.9	1.7	6.6	-1.50	None.
OXPGP16B	2/5/20 11:23	46.4	52.2	1.4	0.0	0.03	None.
OXPGP16B	2/5/20 11:24	46.0	52.6	1.5	0.0	-1.27	None.
OXPGP16B	2/11/20 13:58	46.8	43.6	1.5	8.1	0.05	None.
OXPGP16B	2/11/20 13:59	47.6	43.5	1.2	7.7	-0.84	None.
OXPGP16B	2/17/20 12:35	47.6	47.0	1.3	4.1	0.03	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP16B	2/17/20 12:36	47.4	47.6	1.2	3.8	-0.95	None.
OXPGP16B	2/26/20 13:27	0.0	0.2	20.9	78.9	0.01	None.
OXPGP16B	3/2/20 11:47	0.0	0.1	20.6	79.3	0.01	None.
OXPGP16B	3/12/20 10:50	49.7	45.4	1.2	3.7	0.06	None.
OXPGP16B	3/12/20 10:51	49.1	46.2	1.3	3.4	-0.93	None.
OXPGP16B	3/16/20 12:10	45.8	42.0	1.6	10.6	0.04	None.
OXPGP16B	3/16/20 12:14	46.4	41.2	1.6	10.8	-0.01	None.
OXPGP16B	3/26/20 7:25	45.5	40.1	2.6	11.8	-0.01	None.
OXPGP16B	3/30/20 9:36	44.3	36.4	2.5	16.8	-0.09	None.
OXPGP16B	3/30/20 9:41	44.6	43.9	2.1	9.4	-1.85	None.
OXPGP16B	3/26/20 7:30	45.8	40.3	2.5	11.4	-1.26	None.
OXPGP16C	1/7/20 9:55	53.6	42.5	0.5	3.4	0.04	None.
OXPGP16C	1/7/20 10:00	53.7	42.4	0.5	3.4	-3.09	None.
OXPGP16C	1/14/20 11:17	53.2	44.7	0.7	1.4	-0.01	None.
OXPGP16C	1/14/20 11:23	52.9	44.7	0.7	1.7	-4.01	None.
OXPGP16C	1/20/20 9:34	50.8	42.7	1.5	5.0	-0.04	None.
OXPGP16C	1/20/20 9:39	50.5	42.7	1.6	5.2	-8.67	None.
OXPGP16C	1/30/20 9:14	41.8	37.3	4.8	16.1	0.00	None.
OXPGP16C	1/30/20 9:20	38.0	33.5	6.3	22.2	-27.18	None.
OXPGP16C	2/5/20 11:26	48.5	49.4	2.2	0.0	-0.01	None.
OXPGP16C	2/5/20 11:27	48.0	45.9	2.9	3.2	-11.75	None.
OXPGP16C	2/11/20 14:01	37.1	31.8	5.4	25.7	0.02	None.
OXPGP16C	2/11/20 14:04	39.5	33.1	4.3	23.1	-16.34	None.
OXPGP16C	2/17/20 12:37	50.8	48.2	1.0	0.0	-0.04	None.
OXPGP16C	2/17/20 12:42	43.1	40.7	4.1	12.1	-7.00	None.
OXPGP16C	2/26/20 13:30	42.0	42.1	4.0	11.9	0.02	None.
OXPGP16C	2/26/20 13:31	46.3	43.6	2.9	7.2	-10.75	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP16C	3/2/20 11:51	47.6	42.0	2.0	8.4	0.02	None.
OXPGP16C	3/2/20 11:54	48.3	42.8	1.8	7.1	-10.34	None.
OXPGP16C	3/12/20 10:52	52.3	45.1	0.7	1.9	0.02	None.
OXPGP16C	3/12/20 10:53	51.2	45.0	1.1	2.7	-5.25	None.
OXPGP16C	3/16/20 12:19	49.0	41.1	1.6	8.3	0.05	None.
OXPGP16C	3/16/20 12:23	49.8	40.2	1.5	8.5	-0.04	None.
OXPGP16C	3/26/20 7:35	48.8	39.8	2.3	9.1	0.03	None.
OXPGP16C	3/26/20 7:41	48.4	39.6	2.3	9.7	-5.41	None.
OXPGP16C	3/30/20 9:46	51.4	45.1	1.2	2.3	-0.03	None.
OXPGP16C	3/30/20 9:51	51.2	45.1	1.2	2.5	-6.71	None.
OXPGP17A	1/7/20 10:12	3.6	15.9	2.1	78.4	-0.04	None.
OXPGP17A	1/14/20 11:32	0.0	11.8	7.2	81.0	-0.21	None.
OXPGP17A	1/20/20 9:48	0.0	10.2	7.3	82.5	-0.17	None.
OXPGP17A	1/30/20 9:57	0.0	11.3	5.1	83.6	-0.03	None.
OXPGP17A	2/5/20 11:33	0.0	13.0	2.6	84.4	-0.10	None.
OXPGP17A	2/11/20 14:06	0.0	5.3	8.2	86.5	-0.04	None.
OXPGP17A	2/17/20 12:47	0.0	11.3	2.4	86.3	-0.04	None.
OXPGP17A	2/26/20 13:35	0.0	3.7	9.5	86.8	-0.04	None.
OXPGP17A	3/2/20 11:56	0.0	10.4	2.5	87.1	-0.02	None.
OXPGP17A	3/12/20 10:57	0.0	7.7	5.6	86.7	-0.01	None.
OXPGP17A	3/16/20 11:39	0.0	10.8	1.3	87.9	0.00	None.
OXPGP17A	3/26/20 7:51	0.3	10.5	2.4	86.8	0.02	None.
OXPGP17A	3/30/20 10:01	0.0	13.3	2.4	84.3	-0.04	None.
OXPGP17B	1/7/20 10:18	12.1	73.1	0.0	14.8	-0.28	None.
OXPGP17B	1/7/20 10:23	11.9	73.0	0.0	15.1	-6.46	None.
OXPGP17B	1/14/20 11:38	10.2	70.3	0.0	19.5	-0.92	None.
OXPGP17B	1/14/20 11:44	9.9	74.0	0.0	16.1	-5.88	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP17B	1/20/20 9:55	8.5	70.6	0.0	20.9	-0.88	None.
OXPGP17B	1/20/20 10:00	8.0	72.1	0.0	19.9	-7.34	None.
OXPGP17B	1/30/20 10:03	5.3	70.7	0.0	24.0	-0.78	None.
OXPGP17B	1/30/20 10:08	5.1	73.3	0.0	21.6	-8.50	None.
OXPGP17B	2/5/20 11:39	4.1	73.6	0.1	22.2	-0.73	None.
OXPGP17B	2/11/20 14:08	2.5	41.2	6.1	50.2	-0.57	None.
OXPGP17B	2/17/20 12:50	1.9	37.7	7.0	53.4	-0.61	None.
OXPGP17B	2/26/20 13:37	0.9	23.2	11.8	64.1	-0.60	None.
OXPGP17B	3/2/20 11:59	1.1	45.2	5.2	48.5	-0.43	None.
OXPGP17B	3/12/20 10:58	0.6	25.0	10.5	63.9	0.10	None.
OXPGP17B	3/16/20 11:45	1.2	51.1	0.1	47.6	-0.01	None.
OXPGP17B	3/26/20 7:56	0.7	10.7	13.2	75.4	-0.15	None.
OXPGP17B	3/30/20 10:06	3.3	70.1	0.0	26.6	-0.76	None.
OXPGP17C	1/7/20 10:28	44.5	53.1	0.3	2.1	-0.34	None.
OXPGP17C	1/7/20 10:34	44.0	56.0	0.0	0.0	-0.57	None.
OXPGP17C	1/14/20 11:49	38.7	56.9	0.6	3.8	-0.68	None.
OXPGP17C	1/14/20 11:54	33.8	65.6	0.0	0.6	-0.91	None.
OXPGP17C	1/20/20 10:33	34.0	62.6	0.3	3.1	-0.64	None.
OXPGP17C	1/20/20 10:39	39.4	60.6	0.0	0.0	-0.86	None.
OXPGP17C	1/30/20 10:14	38.9	56.7	1.0	3.4	-0.54	None.
OXPGP17C	1/30/20 10:19	44.0	56.0	0.0	0.0	-0.75	None.
OXPGP17C	2/5/20 11:45	42.4	57.4	0.2	0.0	-0.44	None.
OXPGP17C	2/5/20 11:47	44.0	56.0	0.0	0.0	-0.58	None.
OXPGP17C	2/11/20 14:10	41.1	49.2	1.4	8.3	-0.32	None.
OXPGP17C	2/11/20 14:11	44.3	48.0	0.6	7.1	-0.49	None.
OXPGP17C	2/17/20 12:54	43.7	48.5	1.1	6.7	-0.31	None.
OXPGP17C	2/17/20 12:56	47.5	51.0	0.0	1.5	-0.56	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP17C	2/26/20 13:40	34.3	42.4	5.3	18.0	-0.36	None.
OXPGP17C	2/26/20 13:41	41.4	52.5	2.3	3.8	-0.69	None.
OXPGP17C	3/2/20 12:02	40.1	48.3	2.2	9.4	-0.22	None.
OXPGP17C	3/2/20 12:06	43.1	50.2	1.1	5.6	-0.51	None.
OXPGP17C	3/12/20 11:00	32.4	37.3	5.5	24.8	0.27	None.
OXPGP17C	3/12/20 11:01	37.2	43.8	3.5	15.5	-0.04	None.
OXPGP17C	3/16/20 11:50	47.0	46.8	0.1	6.1	0.20	None.
OXPGP17C	3/16/20 11:54	48.8	46.3	0.0	4.9	0.16	None.
OXPGP17C	3/26/20 8:01	45.6	44.3	1.3	8.8	-0.11	None.
OXPGP17C	3/26/20 8:07	49.9	44.0	0.6	5.5	-0.45	None.
OXPGP17C	3/30/20 10:11	49.3	50.7	0.0	0.0	-0.51	None.
OXPGP17C	3/30/20 10:17	46.0	54.0	0.0	0.0	-0.73	None.
OXPGP19A	2/5/20 13:02	0.0	0.6	18.0	81.4	0.16	None.
OXPGP19B	2/5/20 13:04	0.0	0.0	19.3	80.7	0.30	None.
OXPGP19C	2/5/20 13:05	0.0	0.2	19.0	80.8	0.38	None.
OXPGP20A	2/5/20 12:35	0.0	0.0	19.9	80.1	-0.03	None.
OXPGP20B	2/5/20 12:36	0.0	0.0	20.0	80.0	-0.04	None.
OXPGP20C	2/5/20 12:38	0.7	0.0	19.8	79.5	-0.04	None.
OXPGP6RA	1/7/20 10:50	0.0	10.0	9.6	80.4	-0.03	None.
OXPGP6RA	1/14/20 12:02	0.0	11.1	9.3	79.6	0.01	None.
OXPGP6RA	1/20/20 10:47	0.0	12.6	7.6	79.8	0.00	None.
OXPGP6RA	1/30/20 9:34	0.0	13.5	6.2	80.3	-0.01	None.
OXPGP6RA	2/5/20 12:19	0.0	14.0	4.9	81.1	-0.02	None.
OXPGP6RA	2/11/20 14:15	0.0	12.3	4.3	83.4	0.02	None.
OXPGP6RA	2/17/20 13:03	0.0	13.4	4.0	82.6	0.00	None.
OXPGP6RA	2/26/20 13:45	0.0	13.1	3.5	83.4	0.00	None.
OXPGP6RA	3/2/20 12:08	0.0	11.2	6.1	82.7	-0.01	None.

Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP6RA	3/12/20 11:05	0.0	10.3	5.1	84.6	0.00	None.
OXPGP6RA	3/16/20 11:09	0.0	8.4	9.3	82.3	-0.02	None.
OXPGP6RA	3/26/20 8:17	0.1	10.8	8.6	80.5	0.04	None.
OXPGP6RA	3/30/20 10:26	0.0	14.5	7.6	77.9	-0.02	None.
OXPGP6RB	1/7/20 10:55	5.7	35.7	0.0	58.6	-0.02	None.
OXPGP6RB	1/7/20 11:00	6.4	36.5	0.0	57.1	-0.14	None.
OXPGP6RB	1/14/20 12:08	3.9	37.3	0.0	58.8	0.06	None.
OXPGP6RB	1/20/20 10:52	5.5	38.4	0.0	56.1	-0.02	None.
OXPGP6RB	1/20/20 10:57	6.0	38.7	0.0	55.3	-0.15	None.
OXPGP6RB	1/30/20 9:39	4.2	37.5	0.0	58.3	-0.07	None.
OXPGP6RB	2/5/20 12:24	3.8	39.1	0.0	57.1	0.01	None.
OXPGP6RB	2/11/20 14:17	2.2	19.2	5.8	72.8	0.02	None.
OXPGP6RB	2/17/20 13:08	3.1	34.1	0.0	62.8	0.05	None.
OXPGP6RB	2/26/20 13:47	1.0	13.8	9.1	76.1	0.03	None.
OXPGP6RB	3/2/20 12:10	1.7	24.9	1.8	71.6	-0.01	None.
OXPGP6RB	3/12/20 11:06	0.7	12.9	9.6	76.8	0.01	None.
OXPGP6RB	3/16/20 11:15	2.5	29.6	0.1	67.8	-0.01	None.
OXPGP6RB	3/26/20 8:22	2.0	27.0	0.9	70.1	-0.05	None.
OXPGP6RB	3/30/20 10:31	1.3	36.0	0.0	62.7	-0.11	None.
OXPGP6RC	1/7/20 11:06	0.2	4.6	1.2	94.0	-0.01	None.
OXPGP6RC	1/14/20 12:13	1.2	4.7	0.8	93.3	0.12	None.
OXPGP6RC	1/20/20 11:03	1.4	4.3	1.0	93.3	-0.01	None.
OXPGP6RC	1/30/20 9:45	1.5	4.6	1.3	92.6	0.03	None.
OXPGP6RC	2/5/20 12:30	2.0	4.1	1.3	92.6	0.05	None.
OXPGP6RC	2/11/20 14:18	1.9	3.4	2.1	92.6	0.04	None.
OXPGP6RC	2/17/20 13:11	2.3	4.1	1.0	92.6	0.15	None.
OXPGP6RC	2/26/20 13:48	0.0	0.4	20.7	78.9	0.06	None.



Probe ID	Date Time	CH <sub>4</sub> (%)	CO <sub>2</sub> (%)	O <sub>2</sub> (%)	Balance Gas (%)	Static Pressure (in. wc)	Comments
OXPGP6RC	3/2/20 12:11	0.0	0.4	20.3	79.3	0.02	None.
OXPGP6RC	3/12/20 11:07	2.1	4.9	1.1	91.9	0.06	None.
OXPGP6RC	3/16/20 11:20	2.3	3.4	1.2	93.1	0.03	None.
OXPGP6RC	3/26/20 8:27	1.9	3.9	2.2	92.0	0.02	None.
OXPGP6RC	3/30/20 10:38	0.0	0.1	21.0	78.9	-0.10	None.

Notes:

% – percent CH<sub>4</sub> – methane CO<sub>2</sub> – carbon dioxide O<sub>2</sub> – oxygen in. wc. – inches in water column

CCR Title 27 §20921 require that: The concentration of methane gas migrating from the disposal site must not exceed five (5) percent by volume in air at the disposal site permitted facility boundary or an alternative boundary approved in accordance with CCR Title 27 §20925.

Static pressure reading was not saved to the monitoring device. Therefore, the maximum pressure (in. wc.) was substituted.

1. GEM notes "Valve Adjustment:"";Well Condition:"";Well Repairs:""" were replaced with "None" as they are not applicable to the probes.

**Ox Mountain Landfill**  
**Table 2 – Methane In-Structure Monitoring Results**  
**First Quarter 2020**

**Analyst:** Max Polkabla (Tetra Tech O&M)  
**Instrument:** Trimble Site FID

**Date:** February 11, 2020  
**Serial Number:** TLCF0303

Monitored Location	Date	Methane (ppmv)	Methane (%)	Comments
Maintenance Area	2/11/2020 13:07	0.0	0.0	None
Upper Office Trailer	2/11/2020 13:12	0.0	0.0	None
Lower Break Trailer	2/11/2020 13:21	0.0	0.0	None
Recycle Trailer	2/11/2020 13:27	0.0	0.0	None
Scalehouse	2/11/2020 13:38	0.0	0.0	None

Notes:

1. ppmv – parts per million by volume    % - percent by volume
2. CCR Title 27 §20921 require that: The concentration of methane gas must not exceed 1.25 percent by volume in air within any portion of any on-site structures.

**Ox Mountain Landfill**  
**Table 3 – Sierra Gas Monitor Calibration**  
**First Quarter 2020**

**Technician:** Max Polkabra (Tetra Tech O&M)  
**Instrument:** Model 26 Calibration System by  
 Sierra Monitor Corporation

**Date Completed:** January 9, 2020

Sensor Location	Sensor Calibration Completed	Alarms	Calibrate Zero	Calibrated to ppm of Methane	Comments
Office Area	Y	Y	Y	5,000	None
Maintenance Break Area	Y	Y	Y	5,000	None
Lower Break Area	Y	Y	Y	5,000	None
Recycle Trailer	Y	Y	Y	5,000	None
Scalehouse	Y	Y	Y	5,000	Unit failed to calibrate and was replaced.

Notes:

1. ppm – parts per million

**Ox Mountain Landfill  
Table 4 – Weather Conditions  
First Quarter 2020**

Date	Conditions	Ambient Air Temperature (°F)	Wind Direction	Wind Speed (MPH)	Barometric Pressure (in. Hg)
1/7/2020	Fair	44.0	Calm	0.0	30.24
1/9/2020	Mostly Cloudy/Windy	53.0	WNW	21.0	29.95
1/14/2020	Mostly Cloudy	50.0	SSW	3.0	30.20
1/20/2020	Cloudy	49.0	ESE	5.0	30.03
1/30/2020	Cloudy	55.0	W	14.0	30.24
2/5/2020	Mostly Cloudy	44.0	Calm	0.0	30.27
2/11/2020	Fair	68.0	E	3.0	30.08
2/17/2020	Mostly Cloudy	47.0	Calm	0.0	30.10
2/26/2020	Fair	50.0	S	3.0	30.30
3/2/2020	Fair	56.0	N	18.0	30.07
3/12/2020	Fair	53.0	SSE	3.0	29.92
3/16/2020	Mostly Cloudy	44.0	NE	14.0	29.93
3/26/2020	Partly Cloudy	49.0	NNE	5.0	30.07
3/30/2020	Cloudy	54.0	Calm	0.0	30.24

Notes:

1. NA – Not available °F – Degrees Fahrenheit mph – miles per hour in. Hg – inches mercury WNW – west-northwest ESE – east-southeast SSW – south-southwest NNE – north-northeast VAR – Variable NE – northeast NW – northwest SE – southeast SSE – south-southeast W – west S – south N – north
2. Source: Tetra Tech O&M field notes and [www.wunderground.com](http://www.wunderground.com) (Station ID: KSFO)

## CALIBRATION RECORDS



## ENVISION Calibration Log

Date:	1/7/2020
Site:	Ox Mountain
Technician:	Jack Carroll
Instrument S/N:	1705208B
Instrument Type:	ENVISION
Arrival Time:	8:15
Departure Time:	2:30

### Calibration No. 1

	FLOW 4760	Temp: 51
Lot#:	50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only) Lot#:	15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
Lot#:	4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 2

	FLOW 4760	Temp: 55
Lot#:	50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only) Lot#:	15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
Lot#:	4% O2 / Balance Gas:	105-401165689-1



## ENVISION Calibration Log

Date:	1/14/2020
Site:	Ox Mountain
Technician:	Jack Carroll
Instrument S/N:	1705208B
Instrument Type:	ENVISION
Arrival Time:	9:30
Departure Time:	4:00

### Calibration No. 1

	FLOW 4760	Temp: 48
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 2

	FLOW 4760	Temp: 54
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
	Lot#: 4% O2 / Balance Gas:	105-401165689-1







## ENVISION Calibration Log

Date:	1/30/2020
Site:	Ox Mountain
Technician:	Jack Carroll
Instrument S/N:	1705208B
Instrument Type:	ENVISION
Arrival Time:	8:30
Departure Time:	3:30

### Calibration No. 1

	FLOW 4760	Temp: 54
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 2

	FLOW 4760	Temp: 56
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	126-401166195-1
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 3

	FLOW 5240	Temp: 58
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	122-401166194-1
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	
	Lot#: 4% O2 / Balance Gas:	105-401165689-1

### Calibration No. 4

	FLOW 5240	Temp: 58
	Lot#: 50% CH4 / 35% CO2 / Balance Gas:	122-401166194-1
(Probes Only)	Lot#: 15% CH4 / 15% CO2 / Balance Gas:	
	Lot#: 4% O2 / Balance Gas:	105-401165689-1





TETRA TECH

# INSTRUMENT RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

MONITORING DATE: 2/11/2020 Time: 8:00AM

INSTRUMENT MAKE: TVA MODEL: 2020 S/N: 2020-17112952

## MEASUREMENT # 1:

Stabilized Reading Using Calibration Gas:	<u>497.0</u>	ppm
90% of the Stabilized Reading:	<u>447.3</u>	ppm
Time to Reach 90% of Stabilized reading after switching from Zero Air to Calibration Gas	<u>5.0</u>	seconds (1)

## MEASUREMENT # 2:

Stabilized Reading Using Calibration Gas:	<u>505.0</u>	ppm
90% of the Stabilized Reading:	<u>454.5</u>	ppm
Time to Reach 90% of Stabilized reading after switching from Zero Air to Calibration Gas	<u>5.0</u>	seconds (2)

## MEASUREMENT # 3:

Stabilized Reading Using Calibration Gas:	<u>501.0</u>	ppm
90% of the Stabilized Reading:	<u>450.9</u>	ppm
Time to Reach 90% of Stabilized reading after switching from Zero Air to Calibration Gas	<u>5.0</u>	seconds (3)

## CALCULATE RESPONSE TIME:

$$= \frac{(1) + (2) + (3)}{3} = \underline{5.000} \text{ SECONDS (MUST BE LESS THAN 30 SECONDS)}$$

**PERFORMED BY:** Max Polkaba



**TETRA TECH**

### CALIBRATION PRECISION TEST RECORD

LANDFILL NAME: Ox Mountain

MONITORING DATE: 2/11/2020 PERFORMED BY: Max Polkabila

QUARTERLY EVENT: \_\_\_\_\_ TIME: 8:00AM

INSTRUMENT MAKE: TVA MODEL: 2020 S/N: 2020-17112952

#### Calibration Gas Standard 500ppm CH4 (STD)

##### MEASUREMENT # 1:

Meter Reading for Zero Air: 0.0 ppm (1)

Meter Reading for Calibration Gas: 497.0 ppm (2)

##### MEASUREMENT # 2:

Meter Reading for Zero Air: 0.0 ppm (3)

Meter Reading for Calibration Gas: 505.0 ppm (4)

##### MEASUREMENT # 3:

Meter Reading for Zero Air: 0.0 ppm (5)

Meter Reading for Calibration Gas: 501.0 ppm (6)

#### CALCULATE PRECISION:

$$\frac{[500 - (2)] + [500 - (4)] + [500 - (6)]}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= 0.600% % (must be less than 10%)



# CALIBRATION PROCEDURE AND BACKGROUND DETERMINATION REPORT

LANDFILL NAME: Ox Mountain

INSTRUMENT MAKE: TVA MODEL: 2020 S/N: 2020-17112952

## Calibration Procedure

1. Allow instrument to internally zero itself while introducing zero air.
2. Introduce the calibration gas into the probe.  
Stable Reading= 497.0 ppm
3. Adjust meter to read 500 ppm.

## BACKGROUND DETERMINATION PROCEDURE

1. Upwind Reading (highest in 30 seconds): 0.0 ppm (1)  
Location: flare
2. Downwind Reading (highest in 30 seconds): 0.0 ppm (2)  
Location: top of haul road

Calculate Background Value:  $\frac{(1) + (2)}{2}$

Background = 0.00 ppm

PERFORMED BY: Max Polkabila

TIME: 8:00AM

DATE: 2/11/2020



# ENVISION Calibration Log

Date: 2/17/2020  
Site: Ox Mountain  
Technician: Max Polkabila  
Instrument S/N: ENV 1602204B  
Instrument Type: ENVISION  
Arrival Time: 11:00 PM  
Departure Time: 3:00 PM

## Calibration No. 1

FLOW Temp: 71  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126401166195-1  
Lot#: 4% O2 / Balance Gas: 105401165689-1

## Calibration No. 2

FLOW Temp: 71  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126401166195-1  
Lot#: 4% O2 / Balance Gas: 105401165689-1

## Calibration No. 3

FLOW Temp: \_\_\_\_\_  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: \_\_\_\_\_  
Lot#: 4% O2 / Balance Gas: \_\_\_\_\_

## Calibration No. 4

FLOW Temp: \_\_\_\_\_  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: \_\_\_\_\_  
Lot#: 4% O2 / Balance Gas: \_\_\_\_\_



# ENVISION Calibration Log

Date: 2/26/2020  
Site: Ox Mountain  
Technician: Max Polkabila  
Instrument S/N: ENV 1602204B  
Instrument Type: ENVISION  
Arrival Time: 1:00 PM  
Departure Time: 2:00 PM

## Calibration No. 1

FLOW Temp: 75  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126401166195-1  
Lot#: 4% O2 / Balance Gas: 105401165689-1

## Calibration No. 2

FLOW Temp: 75  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126401166195-1  
Lot#: 4% O2 / Balance Gas: 105401165689-1

## Calibration No. 3

FLOW Temp: \_\_\_\_\_  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: \_\_\_\_\_  
Lot#: 4% O2 / Balance Gas: \_\_\_\_\_

## Calibration No. 4

FLOW Temp: \_\_\_\_\_  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: \_\_\_\_\_  
Lot#: 4% O2 / Balance Gas: \_\_\_\_\_





# ENVISION Calibration Log

Date: 3/2/2020  
Site: Ox Mountain  
Technician: Max Polkabila  
Instrument S/N: ENV 1602204B  
Instrument Type: ENVISION  
Arrival Time: 11:00 AM  
Departure Time: 12:00 PM

## Calibration No. 1

FLOW Temp: 66  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126401166195-1  
Lot#: 4% O2 / Balance Gas: 105401165689-1

## Calibration No. 2

FLOW Temp: 66  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126401166195-1  
Lot#: 4% O2 / Balance Gas: 105401165689-1

## Calibration No. 3

FLOW Temp: \_\_\_\_\_  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: \_\_\_\_\_  
Lot#: 4% O2 / Balance Gas: \_\_\_\_\_

## Calibration No. 4

FLOW Temp: \_\_\_\_\_  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: \_\_\_\_\_  
Lot#: 4% O2 / Balance Gas: \_\_\_\_\_



## Daily ENVISION Calibration Log

Date: 3/12/2020  
Site: Ox Mountain  
Technician: Matt Bowman  
ENV S/N: 1603201  
Meter Type: ENVISION  
Arrival Time: 8:00AM  
Departure Time: 3:00PM

### Calibration No. 1

Flow: n/a Temp: 49  
Lot#: 50% CH<sub>4</sub> / 35% CO<sub>2</sub> / Balance Gas: 122-401166194-1 8:49AM  
(Probes Only) Lot#: 15% CH<sub>4</sub> / 15% CO<sub>2</sub> / Balance Gas: \_\_\_\_\_  
Lot#: 4% O<sub>2</sub> / Balance Gas: 105-401165689-1 8:49AM

### Calibration No. 2

Flow: n/a Temp: 55  
Lot#: 50% CH<sub>4</sub> / 35% CO<sub>2</sub> / Balance Gas: 122-401166194-1 12:54PM  
(Probes Only) Lot#: 15% CH<sub>4</sub> / 15% CO<sub>2</sub> / Balance Gas: \_\_\_\_\_  
Lot#: 4% O<sub>2</sub> / Balance Gas: 105-401165689-1 12:54PM

### Calibration No. 3

Flow: n/a Temp: 55  
Lot#: 50% CH<sub>4</sub> / 35% CO<sub>2</sub> / Balance Gas: 122-401166194-1 2:36PM  
(Probes Only) Lot#: 15% CH<sub>4</sub> / 15% CO<sub>2</sub> / Balance Gas: \_\_\_\_\_  
Lot#: 4% O<sub>2</sub> / Balance Gas: 105-401165689-1 2:36PM

\_\_\_\_\_



## Daily ENVISION Calibration Log

Date: 3/16/2020  
Site: Ox Mountain  
Technician: Matt Bowman  
ENV S/N: 1603201  
Meter Type: ENVISION  
Arrival Time: 8:00AM  
Departure Time: 1:30PM

### Calibration No. 1

Flow: n/a Temp: 49  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1 9:10AM  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: \_\_\_\_\_  
Lot#: 4% O2 / Balance Gas: 105-401165689-1 9:10AM

### Calibration No. 2

Flow: n/a Temp: 55  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1 10:48AM  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: \_\_\_\_\_  
Lot#: 4% O2 / Balance Gas: 105-401165689-1 10:48AM

### Calibration No. 3

Flow: n/a Temp: 55  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126-401166195-1 10:54AM  
Lot#: 4% O2 / Balance Gas: 105-401165689-1 10:54AM

### Calibration No. 4

Flow: n/a Temp: 55  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: \_\_\_\_\_  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126-401166195-1 10:54AM  
Lot#: 4% O2 / Balance Gas: 105-401165689-1 12:35PM

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# ENVISION Calibration Log

Date: 3/26/2020  
Site: Ox Mountain  
Technician: Jack Carroll  
Instrument S/N: 5104202  
Instrument Type: ENVISION  
Arrival Time: 8:30  
Departure Time: 5:00

## Calibration No. 1

FLOW Temp: 48  
Lot#: 50% CH4 / 35% CO2 / Balance Gas:  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126-401166195-1  
Lot#: 4% O2 / Balance Gas: 105-401165689-1

## Calibration No. 2

FLOW Temp: 49  
Lot#: 50% CH4 / 35% CO2 / Balance Gas:  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas: 126-401166195-1  
Lot#: 4% O2 / Balance Gas: 105-401165689-1

## Calibration No. 3

FLOW 5030 Temp: 53  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
Lot#: 4% O2 / Balance Gas: 105-401165689-1

## Calibration No. 4

FLOW 5060 Temp: 55  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
Lot#: 4% O2 / Balance Gas: 105-401165689-1

## Calibration No. 5

FLOW 5060 Temp: 55  
Lot#: 50% CH4 / 35% CO2 / Balance Gas: 122-401166194-1  
(Probes Only) Lot#: 15% CH4 / 15% CO2 / Balance Gas:  
Lot#: 4% O2 / Balance Gas: 105-401165689-1



## Daily ENVISION Calibration Log

Date: 3/30/2020  
Site: Ox Mountain  
Technician: Matt Bowman  
ENV S/N: 1603201  
Meter Type: ENVISION  
Arrival Time: 8:00AM  
Departure Time: 2:30PM

### Calibration No. 1

Flow: n/a Temp: 49  
Lot#: 50% CH<sub>4</sub> / 35% CO<sub>2</sub> / Balance Gas: 122-401166194-1 9:22AM  
(Probes Only) Lot#: 15% CH<sub>4</sub> / 15% CO<sub>2</sub> / Balance Gas: \_\_\_\_\_  
Lot#: 4% O<sub>2</sub> / Balance Gas: 105-401165689-1 9:22AM

### Calibration No. 2

Flow: n/a Temp: 54  
Lot#: 50% CH<sub>4</sub> / 35% CO<sub>2</sub> / Balance Gas: 122-401166194-1 12:01PM  
(Probes Only) Lot#: 15% CH<sub>4</sub> / 15% CO<sub>2</sub> / Balance Gas: \_\_\_\_\_  
Lot#: 4% O<sub>2</sub> / Balance Gas: 105-401165689-1 12:01PM

\_\_\_\_\_



## APPENDIX N

### S-12 STOCKPILE OF GREEN WASTE

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**STOCKPILE OF GREEN WASTE**

<b>Month</b>	<b>Yard and Green Waste Accepted (Tons)</b>	<b>12-Month Consecutive Total (Tons)*</b>
Apr-19	0.00	0.00
May-19	0.00	0.00
Jun-19	0.00	0.00
Jul-19	0.00	0.00
Aug-19	0.00	0.00
Sep-19	0.00	0.00
Oct-19	0.00	0.00
Nov-19	0.00	0.00
Dec-19	0.00	0.00
Jan-20	0.00	0.00
Feb-20	0.00	0.00
Mar-20	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 O**

### **S-5 NON-RETAIL GASOLINE DISPENSING FACILITY MONTHLY GASOLINE THROUGHPUT**

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**S-5 Non-Retail Gasoline Dispensing Facility**

<b>Month</b>	<b>Total Gallons</b>	<b>12-Month Consecutive Total (Gallons)</b>
April-19	2,504.00	<b>4,724.0</b>
May-19		
June-19		
July-19		
August-19		
September-19		
October-19	2,276.90	<b>4,780.9</b>
November-19		
December-19		
January-20		
February-20		
March-20		

Note: The throughputs for the April 2018 through September 2018 were provided as the combined throughput for this period. Therefore, the 12-month consecutive total noted above is representative of the total throughput from October 2019 through September 2019.

## APPENDIX P

### MONTHLY TOTAL REDUCED SULFUR (TRS) CONCENTRATIONS

## 2018 AND 2019 MONTHLY TOTAL REDUCED SULFUR COMPOUNDS to Flare (A-7)

OX MOUNTAIN LANDFILL, Half Moon Bay, CA

### 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)	Flow Weighted TRS (Draeger)	TRS (Lab Analysis)	Flow Weighted TRS (Lab Analysis)
October-19	100	NA	NA	NA	NA	NA	NA	105.0	90.8	NA	NA
November-19	100	NA	NA	NA	NA	NA	NA	105.0	104.4	NA	NA
December-19	150	NA	NA	NA	NA	NA	NA	157.5	146.9	NA	NA
January-20	100	NA	NA	NA	NA	NA	NA	105.0	104.6	NA	NA
February-20	110	NA	NA	NA	NA	NA	NA	115.5	114.4	NA	NA
March-20	110	NA	NA	NA	NA	NA	NA	115.5	62.1	NA	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.

TRS = total reduced sulfur

NA = not available

## 2018 and 2019 MONTHLY TOTAL REDUCED SULFUR COMPOUNDS to Flare (A-8)

OX MOUNTAIN LANDFILL, Half Moon Bay, CA

### 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)	Flow Weighted TRS (Draeger)	TRS (Lab Analysis)	Flow Weighted TRS (Lab Analysis)
October-19	0	NA	NA	NA	NA	NA	NA	0.0	0.0	NA	NA
November-19	0	NA	NA	NA	NA	NA	NA	0.0	0.0	NA	NA
December-19	0	NA	NA	NA	NA	NA	NA	0.0	0.0	NA	NA
January-20	0	NA	NA	NA	NA	NA	NA	0.0	0.0	NA	NA
February-20	0	NA	NA	NA	NA	NA	NA	0.0	0.0	NA	NA
March-20	0	NA	NA	NA	NA	NA	NA	0.0	0.0	NA	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.

TRS = total reduced sulfur

NA = not available

## 2018 and 2019 MONTHLY TOTAL REDUCED SULFUR COMPOUNDS to Flare (A-9)

OX MOUNTAIN LANDFILL, Half Moon Bay, CA

### 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)	Flow Weighted TRS (Draeger)	TRS (Lab Analysis)	Flow Weighted TRS (Lab Analysis)
October-19	150	NA	NA	NA	NA	NA	NA	157.5	21.4	NA	NA
November-19	100	NA	NA	NA	NA	NA	NA	105.0	0.6	NA	NA
December-19	200	NA	NA	NA	NA	NA	NA	210.0	14.1	NA	NA
January-20	100	NA	NA	NA	NA	NA	NA	105.0	0.4	NA	NA
February-20	150	NA	NA	NA	NA	NA	NA	157.5	1.4	NA	NA
March-20	150	NA	NA	NA	NA	NA	NA	157.5	72.9	NA	NA

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.

TRS = total reduced sulfur

NA = not available



**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**Yearly TRS for A-7, A-8, and A-9 Flares**

Month	A-7 Flare Flow Weighted Concentration (ppmv)	A-8 Flare Flow Weighted Concentration (ppmv)	A-9 Flare Flow Weighted Concentration (ppmv)	Consecutive 12-Month Flow Weighted Average for A-7 Flare (ppmv)	Consecutive 12-Month Flow Weighted Average for A-8 Flare (ppmv)	Consecutive 12-Month Flow Weighted Average for A-9 Flare (ppmv)	Combined A-7, A-8 and A-9 Flares Corrected 12-Month Average (ppmv) <sup>1</sup>
April-19*	125.0	0.0	13.1	135.6	NA	49.4	185.0
May-19	95.4	0.0	14.5	131.9	NA	35.7	167.7
June-19	86.4	0.0	9.9	128.1	NA	22.6	150.7
July-19	50.4	0.0	2.1	129.9	NA	11.2	141.1
August-19	94.7	0.0	11.8	136.5	NA	10.8	147.3
September-19	78.8	0.0	0.0	133.7	NA	11.5	145.2
October-19	90.8	0.0	21.4	126.6	NA	11.3	137.9
November-19	104.4	0.0	0.6	120.0	NA	10.2	130.1
December-19	146.9	0.0	14.1	117.0	NA	11.0	128.0
January-20	104.6	0.0	0.4	107.7	NA	10.9	118.5
February-19	114.4	0.0	1.4	103.9	NA	9.2	113.0
March-20	62.1	0.0	72.9	96.2	NA	14.7	110.9

Notes:

\*No monthly H2S samples were recorded at the A-7 and A-9 Flares in April 2019. An average of the March 2019 and May 2019 results will be utilized for the April 2019 values in subsequent reports.

1. The 12-month total reduced sulfur (TRS) rolling concentration for each month represents the sum of the monthly combined flow weighted 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.

scf= standard cubic feet

CH<sub>4</sub> = methane

LFG= landfill gas

%= percent