



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

**TV Tracking #1008 (Semi-Annual)**

1.  RECEIVED IN ENFORCEMENT: 10/31/2024

October 31, 2024

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

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

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

Dear Sir or Madam:

Browning-Ferris Industries of CA, Inc. Landfill (Ox Mountain Landfill) is pleased to submit the attached Semi-Annual Report (SAR) and Partial 8-34 Annual Report for the period of April 1, 2024, through September 30, 2024, to the Bay Area Air Quality Management District (BAAQMD) and the United States Environmental Protection Agency (USEPA), Region IX. As required by 40 Code of Federal Regulations (CFR) Part 63 Subpart AAAAA, the Semi-Annual Startup, Shutdown and Malfunction (SSM) Report is also enclosed. The Combined Title V Semi-Annual and Partial 8-34 Annual Report satisfies the requirements of the Title V Permit listed in Title V Permit Condition Number 10164 Part 33 and Standard Condition I.F.

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

Sincerely,  
Browning-Ferris Industries of CA, Inc.

Tekulve,  
Kathryn

Digitally signed by: Tekulve, Kathryn  
DN: CN = Tekulve, Kathryn OU =  
Regions, West, Users  
Date: 2024.10.31 14:31:13 -07'00'

Kathryn Tekulve  
Responsible Official

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

Ox Mountain Landfill

Facility Number A2266

April 1, 2024, through September 30, 2024

OCTOBER 31, 2024

## PRESENTED TO

---

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

12310 San Mateo Road  
Half Moon Bay, CA 94019

## SUBMITTED BY

---

Tetra Tech  
21700 Copley Drive, Suite 200  
Diamond Bar, CA 91765

P +1.909.860.7777  
F +1.909.396.1768  
tetratech.com

## REPORT CERTIFICATION

---

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



10/31/2024

---

Nat Israel  
Compliance Specialist

Date



10/31/2024

---

Kendra Kent  
Senior Compliance Specialist

Date

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

*I certify the following:*

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

Tekulve,  
Kathryn

 Digitally signed by: Tekulve, Kathryn  
DN: CN = Tekulve, Kathryn OU =  
Regions, West, Users  
Date: 2024.10.31 14:31:20 -07'00'

October 31, 2024

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

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

\_\_\_\_\_  
**Kathryn Tekulve**  
**Name of Responsible Official**

## TABLE OF CONTENTS

<b>1.0 INTRODUCTION</b>	<b>1-1</b>
1.1 Purpose	1-1
1.1 Record Keeping and Reporting	1-1
1.2 Report Preparation	1-1
1.3 Major Facility Review Permit Renewal	1-1
<b>2.0 COMBINED MONITORING REPORT</b>	<b>2-1</b>
2.1 Collection System Operation (BAAQMD 8-34-501.1, §60.757(f)(4), §60.38f(h)(4), & 62.16724(h)(4))	2-2
2.1.1 Collection System Downtime	2-2
2.1.2 Well Start-Up & Disconnection Log	2-2
2.2 Emission Control Device Downtime (BAAQMD 8-34-501.2, §60.757(f)(3), §60.38f(h)(3), & §62.16724(h)(3))	2-3
2.2.1 LFG Bypass Operations (§60.757(f)(2), §60.38f(h)(2), & §62.16724(h)(2))	2-3
2.3 Temperature Monitoring Results (BAAQMD 8-34-501.3, 8-34-507, §60.757(f)(1)), §60.38f(h)(1), & §62.16724(h)(1))	2-3
2.4 Monthly Cover Integrity Monitoring (BAAQMD 8-34-501.4 & 8-34-510)	2-3
2.5 Less Than Continuous Operation (BAAQMD 8-34-501.5)	2-4
2.6 Compliance with Title V Permit Condition 10164 Part 18(d)(i)	2-4
2.7 Surface Emissions Monitoring (BAAQMD 8-34-501.6, 8-34-506, §60.757(f)(5), §60.38f(h)(5), §62.16724(h)(5), & California Code of Regulations (CCR) §95469(a))	2-4
2.8 Component Leak Testing (BAAQMD 8-34-501.6 & 8-34-503, CCR §95465(b)(1)(B))	2-5
2.9 Waste Acceptance Records (BAAQMD 8-34-501.7)	2-5
2.10 Non-Degradable Waste Acceptance Records (BAAQMD 8-34-501.8)	2-5
2.11 Wellhead Monitoring Data (BAAQMD 8-34-501.1, 2, and 4, 8-34-505, §62.16724(h)(1), §62.16716(c), 62.16720(a)(5), 62.16722(a)(2) and (3), and §95464(C))	2-5
2.11.1 Wellhead Deviations (BAAQMD 8-34-501.9, §60.38f(h)(1), §62 Subpart F, §62.16724(h)(1), & §60.757(F)(1))	2-6
2.11.2 Higher Operating Value (HOV) Wells	2-6
2.12 Gas Flow and Temperature Monitoring Results (BAAQMD 8-34-501.10, 8-34-508, §60.757(f)(1), §60.38f(h)(1), & §62.16724(h)(1))	2-7
2.13 GCCS Expansion (§60.757(f)(6), §60.38f(h)(6), & §62.16724(h)(6))	2-7
2.14 Title V Permit Condition Number 10164, Part 5	2-8
2.15 Title V Permit Condition Number 10164, Part 6	2-8
2.16 Title V Permit Condition Number 10164, Part 7	2-8
2.17 Title V Permit Condition Number 10164, Part 8	2-8
2.18 Title V Permit Condition Number 10164, Part 9	2-8
2.19 Title V Permit Condition Number 10164, Part 10	2-9
2.20 Title V Permit Condition Number 10164, Part 13	2-9
2.21 Title V Permit Condition Number 16315 for S-12 Stockpile or Green Waste	2-9
2.22 Title V Permit Condition Number 26216 and 25107 for S-5 Non-Retail Gasoline Dispensing Facility G#85242-9	
2.23 Title V Permit Condition Number 10164, Part 20	2-9
2.24 Title V Permit Condition Number 10164, Part 22	2-10

2.25	Title V Permit Condition Number 10164, Part 23 .....	2-10
2.26	Reportable Events During the Reporting Period .....	2-10
<b>3.0</b>	<b>PERFORMANCE TEST REPORT .....</b>	<b>3-11</b>
3.1	Flare (A-7, A-8, and A-9) Annual Source Test Results BAAQMD 8-34-501.4) .....	3-11
<b>4.0</b>	<b>START-UP, SHUTDOWN, MALFUNCTION (SSM) PLAN .....</b>	<b>4-12</b>
4.1	SSM Log for the GCCS at Ox Mountain .....	4-12
<b>5.0</b>	<b>LIMITATIONS .....</b>	<b>5-1</b>

## LIST OF TABLES

<b>Table 2-1.</b>	Combined Report Requirements. ....	2-1
<b>Table 2-2.</b>	On-Site Vehicle Traffic Volume.....	2-8
<b>Table 2-3.</b>	Vehicle Traffic. ....	2-9

## APPENDIX SECTIONS

### APPENDICES

Appendix A	Site Map
Appendix B	BAAQMD Correspondence
Appendix C	Well SSM Log
Appendix D	Flare and IC Engines SSM Log
Appendix E	GCCS Downtime
Appendix F	Flare Flow and Temperature Deviation/Inoperative Monitoring/Missing Data Reports
Appendix G	Cover Integrity Monitoring Logs
Appendix H	Surface Emissions Monitoring Reports
Appendix I	Component Leak Check Reports
Appendix J	Wellfield Monitoring Logs
Appendix K	Wellfield Deviation Log
Appendix L	Monthly Landfill Gas Flow Rates
Appendix M	S-12 Stockpile of Green Waste
Appendix N	Annual Flare Source Tests
Appendix O	S-5 Non-retail Gasoline Dispensing Facility Monthly Gasoline Throughput
Appendix P	Monthly Total Reduced Sulfur (TRS) Concentrations
Appendix Q	Waste-In-Place

## 1.0 INTRODUCTION

### 1.1 PURPOSE

This document is a Combined Semi-Annual Title V and Partial 8-34 Annual Report (Semi-Annual Report [SAR]) for the Browning-Ferries Industries of California, Inc. (BFIC) Ox Mountain Sanitary Landfill (Ox Mountain) pursuant to Title V Permit Standard Condition 1.F and Condition Number 10164 Part 34. This Combined Report satisfies the requirements of the Bay Area Air Quality Management District's (BAAQMD) Regulation 8, Rule 34, Section 411 and Title 40 Code of Federal Regulations (CFR) Part 60 Subpart WWW, New Source Performance Standards (NSPS) for municipal solid waste (MSW) landfills as referenced in Ox Mountain's Title V Permit. As of June 21, 2021, Ox Mountain is also subject to the partially approved California State Implementation Plan (SIP) and 40 CFR Part 60 Subpart Cf as noted in 40 CFR 62.1115(b)(2) Subpart F. This Combined Report meets the requirements of Title V Standard Condition 1.F, BAAQMD Rule 8-34-411, 40 CFR Section (§) 60.757(f), 40 CFR §60.757(h), 40 CFR §62.16724(h), and the SIP, and covers compliance activities conducted from April 1, 2024, through September 30, 2024. This Combined Report also includes the Semi-Annual Report of Start-up, Shutdown, and Malfunction (SSM) Plan activities pursuant to National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 63, Subpart AAAA for Landfills.

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

### 1.1 RECORD KEEPING AND REPORTING

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

### 1.2 REPORT PREPARATION

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

### 1.3 MAJOR FACILITY REVIEW PERMIT RENEWAL

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

## 2.0 COMBINED MONITORING REPORT

In accordance with Title V Permit Standard Condition 1.F, BAAQMD Rule 8-34-411, 40 CFR §60.757(f) in the 40 CFR §60.757(h), 40 CFR §62.16724(h), and the SIP, this report is a Combined Semi-Annual Title V Report and Partial 8-34 Annual Report that is required to be submitted by BFIC. The report contains monitoring data for the operation of the landfill gas (LFG) collection and control system (GCCS). The operational records have been reviewed and summarized. The timeframe covered by the report is April 1, 2024, through September 30, 2024. The following table lists the rules and regulations that are required to be included in this Combined Report.

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

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

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

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

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

### 2.1.1 Collection System Downtime

Pursuant to BAAQMD 8-34-501.1 and §60.757(f)(4), the GCCS was not shut down for more than five days on any one occasion during the reporting period. On July 10, 2024, there was one instance of a shutdown greater than one-hour in duration during the reporting period. On July 10, 2024, a Reportable Compliance Activity Notification Form was submitted to the BAAQMD to notify of the GCCS down time greater than one-hour. On July 19, 2024, Tetra Tech submitted the required Combined 10/30-day Title V Report and 30-day Breakdown Relief Follow-up letter for RCA Numbers 200456 and 200458 to the BAAQMD.

There were 14.71 hours of GCCS downtime for the reporting period of April 1, 2024, through September 30, 2024. The total downtime for 2024, as of September 30, 2024, is 16.07 hours, out of an allowable 240 hours. Appendix E contains the GCCS Downtime.

Pursuant to §60.38F(h)(4), & 62.16724(h)(4), the GCCS shut down 40 times during the reporting period. Causes for the GCCS downtime is documented in Appendix E of this report.

### 2.1.2 Well Start-Up & Disconnection Log

There were 187 wellfield SSM events that occurred during the reporting period including eight wells decommissioned, five wells started up, and five wells that were decommissioned and replaced pursuant to BAAQMD Regulation 8-34-117. Well Startup and Decommissioning Notification Letters were submitted on behalf of BFIC to the BAAQMD and are included in Appendix B. See Appendix C, Wellfield SSM.

---

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

---

The emission control system for Ox Mountain consists of three flares owned and operated by BFIC (A-7, A-8, and A-9), which all began operation in 2004 and the Ameresco Half Moon Bay, LLC Landfill Gas to Energy (LFGTE) Facility including six Internal Combustion (IC) Engines owned and operated by Ameresco. The six IC Engines are operated under a separate permit and reporting is done separately by a third-party.

During the reporting period on July 10, 2024, there was one instance when the GCCS system had downtime greater than one hour, pursuant to BAAQMD 8-34-501.2 and §60.757(f)(3). The SSM Logs for the A-7, A-8, and A-9 Flares and the IC Engines are located in Appendix D and the GCCS Downtime log is located in Appendix E.

Pursuant to §60.38f(h)(3), & 62.16724(h)(3), there were 283 A-7 Flare SSM events and there were 80 A-9 Flare SSM events for the reporting period. The Ameresco LFGTE Facility reported 325 SSM events for all six IC engines. The A-8 Flare did not operate during the reporting period. On October 27, 2017, Tetra Tech submitted an application for a change of permit conditions (COPC) requesting the removal of the A-8 Flare from the Ox Mountain Title V Permit. The SSM Logs for the A-7, A-8, and A-9 Flares and the IC Engines are located in Appendix D and the GCCS Downtime log is located in Appendix E.

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

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

---

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

---

There were no temperature deviations during the reporting period. The combustion zone temperatures of the flares are monitored with Thermo-Electric Thermocouples. The temperature is stored with a Yokogawa digital recorder, which is downloaded and archived. Appendix F contains the Flare Flow and Temperature Deviation/ Inoperative Monitor/ Missing Data Reports for April 1, 2024, through September 30, 2024.

---

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

---

The cover integrity monitoring was performed on the following dates:

- April 18, 2024;
- May 28, 2024;
- June 14, 2024;
- July 12, 2024;
- August 14, 2024;
- September 25, 2024.

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

---

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

---

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

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

---

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

On June 15, 2017, BFIC submitted a request to the BAAQMD for approval to operate the following wells under 8-34-404, Less than Continuous Operation Petition, LTS-13, LTS-14, LTS-15, LTS-16, LTS-17, LTS-18, LTS-19, and LTS-20. The BAAQMD responded to this request on March 8, 2018, by providing updated language to the current Title V Permit. Pursuant to the updated Permit Condition 10164 Part 18, BAAQMD Regulation 8-34-305.3 and 8-34-305.4 shall not apply to the aforementioned wells, provided that the oxygen concentration does not exceed 15-percent by volume. Additionally, Permit Condition 10164 Part 18(d)(i) has been updated to reflect that the aforementioned wells may operate less than continuously. Per BAAQMD guidance and in accordance with BAAQMD Rule 8-34-404, which states that approved LTCO wells needed to be renewed every three years, BFIC re-submitted the LTCO renewal application to the BAAQMD and USEPA on January 16, 2024. The approved LTCO wells expired on May 17, 2024. As of the date of this submittal, no response from BAAQMD or USEPA has been received regarding the renewal application.

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

---

During the reporting period the Second Quarter 2024 and Third Quarter 2024 Instantaneous and Integrated Surface Emission Monitoring (SEM) events were completed. The results for the Second Quarter 2024 and Thord Quarter 2024 SEM events are described below.

- The Second Quarter 2024 SEM event was completed on July 5, 2024. Initial monitoring events on May 10, 13, 14, 15, 27 28, 30, and 31, 2024, and June 8, 10, 11, 14, 18, 21, 22, and 24, 2024, indicated three instantaneous grid locations and seven cover penetration locations exceeded the NSPS (Grids) and LMR (Grids and Penetrations) instantaneous level of 500 ppmv. One exceedance of the LMR integrated threshold limit of 25 ppmv as measured as methane above background was detected. System adjustments and repair work (repair of boreholes, vacuum increases to nearby extraction wells and re-compaction of soil) was performed by site personnel. The subsequent 10-day re-monitoring event completed on June 13, 2024, indicated that the cover penetration, instantaneous, and integrated exceedance locations had returned to compliance. The one-month re-monitoring event on July 5, 2024, indicated there were zero (0) locations with remaining instantaneous exceedances.
- The Third Quarter 2024 SEM event was completed on September 27, 2024. Initial monitoring events completed on July 15, 19, 30, and 31, 2024, August 8, 13, 14, 15, 16, 22, 23, 27, 28, and 29, 2024, and September 4, 5, 6, 7, 11, 12, 17, 21, and 22, 2024, indicated five instantaneous grid locations and two cover penetration locations exceeded the NSPS (Grids) and LMR (Grids and Penetrations) instantaneous

level of 500 ppmv. Two exceedances of the LMR integrated threshold limit of 25 ppmv as measured as methane above background was detected. System adjustments and repair work (repair of boreholes, vacuum increases to nearby extraction wells and re-compaction of soil) was performed by site personnel. The subsequent 10-day re-monitoring events completed on August 23, 2024, and September 5, 12, and 17, 2024, indicated that the cover penetration, instantaneous, and integrated exceedance locations had returned to compliance. The one-month re-monitoring events on September 12 and 27, 2024, indicated there were zero (0) locations with remaining instantaneous and integrated exceedances.

Refer to the Second Quarter 2024 SEM and Third Quarter 2024 SEM Reports located in Appendix H, for detailed results.

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

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

- Second Quarter 2024 – April 23, 2024, and June 14, 2024.
- Third Quarter 2024 – July 18 and 23, 2024.

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

The A-8 Flare was not monitored for component leak testing during the Second Quarter 2024 and Third Quarter 2024 as it was not in operation and has been decommissioned. On October 27, 2017, Tetra Tech submitted an application for a COPC requesting the removal of the A-8 Flare from the Ox Mountain Title V Permit.

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

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

The amount of waste accepted during the reporting period of April 1, 2024, through September 30, 2024, was approximately 239,629.0 tons. The current Waste-In-Place (WIP) as of September 30, 2024, is approximately 28,922,082.0 tons which includes 41,448.5 tons of previously received fire debris. This WIP volume is based on certain assumptions of degradable waste contained in the old landfill, before accurate acceptance practices were in place (from 1976 until about 2006). Please refer to Appendix Q for additional details.

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

Ox Mountain did not accept any non-degradable materials such as fire debris between April 1, 2024, through September 30, 2024.

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

Wellhead monitoring was performed on a monthly basis pursuant to the regulations listed above. The well readings for April 1, 2024, through September 30, 2024, are included in Appendix J. Each well was monitored in accordance with the following requirements:

- Each wellhead shall operate under a vacuum;

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

Wellhead monitoring was performed on the following dates:

- April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024;
- May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024;
- June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024;
- July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024;
- August 1, 2, 5, 6, 7, 9, 12, 16, 19, 20, 21, 22, 23, 26, and 27, 2024;
- September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024;

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

There were 28 wells with 34 instances of readings exceeding the limits set forth in BAAQMD Regulation 8-34-305 during the reporting period. Corrective action was initiated within the required five-day time period and re-monitoring was completed within 15 days of the deviation pursuant to BAAQMD Regulation 8-34-414. On September 25, 2024, Notice of Violation (NOV) number A60973 was received from the BAAQMD citing BAAQMD regulations 8-34-305 & 414, for wellhead oxygen, pressure, and temperature exceedances. BFIC submitted the 10-day Title V Report Response to the NOV on October 4, 2024, and the 30-Day Title V Report Response on October 25, 2024.

As of June 21, 2021, Ox Mountain is subject to 40 CFR 62 Subpart F and all the monitoring and reporting requirements associated with the partially approved SIP. During the reporting of April 1, 2024, through September 30, 2024, there were 14 pressure exceedances and one temperature exceedance readings.

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

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

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

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

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

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

### 2.11.2.2 Oxygen HOV Wells

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

### 2.11.2.3 Oxygen and Pressure HOV Wells

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

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

### 2.11.2.4 HOV Request USEPA Re-Submittal

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

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

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

Appendix L contains a summary of the monthly LFG flow rates for the flares. Appendix F contains the Flare Flow and Temperature Deviation/Inoperative Monitor/Missing Data Report for April 1, 2024, through September 30, 2024. There were no issues encountered during the reporting period.

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

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

There were eight wells decommissioned, five wells started up, and five wells that were decommissioned and replaced pursuant to BAAQMD Regulation 8-34-117. Well Startup and Decommissioning Notification Letters were submitted on behalf of BFIC to the BAAQMD and are included in Appendix B. See Appendix C, Wellfield SSM Log for additional details.

On August 7, 2023, a change of permit conditions application was submitted to the BAAQMD requesting to increase the number of wellfield actions at Ox Mountain. The application requested the well actions remaining in the permit application number (A/N) 30889 be closed and the allowable well counts be reset to the original allowances while increasing the installations for horizontal collectors to 40 versus the 20 actions originally permitted. On May 28, 2024, the BAAQMD issued Temporary Permit to Operate A/N 32201, which approved the installation of up to 100 gas collection components and the decommissioning of up to 100 gas collection components

As of September 30, 2024, Ox Mountain consists of 180 vertical wells, 14 horizontal collectors, and 13 leachate cleanout risers.

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

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

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

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

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

All unpaved roads (excluding limited use access roads) were treated with ten percent magnesium chloride dust suppressant solution at a rate of at least once per calendar month. From April 1, 2024, through September 30, 2024, dust suppressant was applied after any dry period consisting of 30 consecutive days with less than 0.09 inches of rain per day. In addition, water was applied to all unpaved roads at least four times per working day. The watering schedule was reduced during periods of sufficient precipitation to minimize dust emissions. These records are maintained at Ox Mountain and are available upon request.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Pursuant to Title V Permit Condition Number 25107, the Static Pressure Performance Test (Leak Test) for ST-38 was completed on October 13, 2023. A copy is included in Appendix O of the October 2023 through March 2024 SAR.

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

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

On October 27, 2017, Tetra Tech submitted an application for a COPC requesting the removal of the A-8 Flare from the Ox Mountain Title V Permit. On June 11, 2018, Tetra Tech submitted an application for a COPC requesting a decrease in the current permitted combined landfill gas flow rate to the flares from 2,155,000,000 scf to 1,575,000,000 scf over any consecutive 12-month period. This request is being made due to the planned decommissioning and removal of the A-8 Flare. At the time of this submittal, BFIC is currently has been awaiting a response from the BAAQMD on these two COPC applications for roughly 7 and 6 years, respectively.

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

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

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

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

Pursuant to Title V Permit Condition Number 10164 Part 22, toxic air contaminant (TAC) emissions from waste decomposition (S-1) will be determined from the annual LFG characterization analysis (Source Test) to determine compliance with the emission rate limits listed in Part 23(b). The A-7 and A-9 Flares 2023 Source Tests were performed on July 16, 2024, and July 9, 2024, respectively. The LFG characterization results were submitted within the Source Test Report submitted to the BAAQMD on August 28, 2024, and August 16, 2024, respectively. The results are included in Appendix N of this SAR.

## 2.26 REPORTABLE EVENTS DURING THE REPORTING PERIOD

- On July 10, 2024, Tetra Tech submitted a Reportable Compliance Activity (RCA) Notification Form to the BAAQMD to notify of the GCCS downtime over 1-hour that occurred in the early morning hours of July 10, 2024. On July 19, 2024, Tetra Tech submitted the required Combined 10/30-day Title V Report and 30-day Breakdown Relief Follow-up letter for RCA Numbers 200456 and 200458 to the BAAQMD. A copy of the Report is included in Appendix B.
- On September 25, 2024, NOV number A60973 was received from the BAAQMD citing BAAQMD regulations 8-34-305 & 414, for wellhead oxygen, pressure, and temperature exceedances. BFIC submitted the 10-day Title V Report in response to the NOV on October 4, 2024. A copy of the NOV and the 10-day Title V Report is included in Appendix B.
  - On October 7, 2024, the BAAQMD responded to the submittal of the 10-Day Title V Report and requested to schedule a meeting to discuss it further. The BAAQMD stated that it would not have availability to meet until after October 28, 2024, which will be after the due date for the 30-day Title V Report.
  - The 30-Day Title V Report is due to be submitted to the BAAQMD by October 25, 2024.

---

## 3.0 PERFORMANCE TEST REPORT

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

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

The A-7 and A-9 Flares 2024 Source Tests were performed on July 16, 2024, and July 9, 2024, respectively. The LFG characterization results were submitted within the Source Test Report submitted to the BAAQMD on August 28, 2024, and August 16, 2024, respectively. The results are included in Appendix N of this SAR.

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

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

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

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

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

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

The SSM events that occurred during the NSPS semi-annual reporting period are reported in this April 1, 2024, through September 30, 2024. The following information is included as required:

- During the reporting period, there were 283 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, 80 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, 187 SSM events occurred in the wellfield. Details are included in Appendix C, Well SSM Log.
- There were 548 events in total. In all 550 events, automatic systems and operator actions were consistent with the standard operating procedures contained in the SSM Plan. There were no deviations from the SSM plan.
- There were no identified exceedances during the reporting period of any applicable emission limitation in the landfills NESHAP (§63.10(d)(5)(i)).
- Revisions of the SSM Plan to correct deficiencies in the landfill operations or procedures were neither required, nor prepared (§63.6(e)).

## 5.0 LIMITATIONS

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

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

## APPENDIX A

### SITE MAP



## **APPENDIX B**

### **BAAQMD CORRESPONDENCE**

**From:** [Raymond Salalila](#)  
**To:** [Israel, Nat](#)  
**Cc:** [Compliance](#); ["Mcdonnell, Kelly"](#); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Galicia, James](#); [Kent, Kendra](#); [Newell, Alex](#); [Ayass, Sami](#); [Newbrough, Rob](#); [Crone, Eric](#); [Nyiri, Pam](#); [AbuShaban, Kacey](#); [Rawlings, Tristan](#); [Bowman, Matt](#); [Naivalurua, Lusi](#); [Janet Carrasco](#); [Paul Hibser](#)  
**Subject:** RE: Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118  
**Date:** Tuesday, April 30, 2024 8:09:35 AM  
**Attachments:** [image001.png](#)  
[Ox Mountain 118 Plan May 2024 Overliner Final.pdf](#)

---

Hello Nat,

Ox Mountain Landfill's Construction Plan has been received. You may be contacted by your assigned Air District Field Specialist and/or Permit Engineer to ensure that the report meets the minimum reporting requirements of Air District Regulation 8-34-118.1 and to verify facility compliance with the Construction Plan.

Additionally, I would like to introduce you to Air Quality Specialist, Janet Carrasco (cc'd). Janet has been assigned to oversee our division's landfill programs and will be your contact for Regulation 8-34 and State LMR correspondence. Moving forward, please address associated notifications to Janet and submit the documents to the Compliance & Enforcement general inbox at [compliance@baaqmd.gov](mailto:compliance@baaqmd.gov).

Thank you,

**Raymond Salalila**

Supervising 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:** Israel, Nat <Nat.Israel@tetrattech.com>  
**Sent:** Monday, April 29, 2024 5:49 PM  
**To:** Raymond Salalila <RSalalila@baaqmd.gov>  
**Cc:** Compliance <Compliance@baaqmd.gov>; 'Mcdonnell, Kelly' <KMcdonnell@republicservices.com>; KTekulve@republicservices.com; Galicia, James <JGalicia@republicservices.com>; Kent, Kendra <Kendra.Kent@tetrattech.com>; Newell, Alex <Alex.Newell@tetrattech.com>; Ayass, Sami <Sami.Ayass@tetrattech.com>; Newbrough, Rob <Rob.Newbrough@tetrattech.com>; Crone, Eric <ERIC.CRONE@tetrattech.com>; Nyiri, Pam <PAM.NYIRI@tetrattech.com>; AbuShaban, Kacey <Kacey.Abu-Shaban@tetrattech.com>; Rawlings, Tristan <TRISTAN.RAWLINGS@tetrattech.com>; Bowman, Matt <Matt.Bowman@tetrattech.com>;

Naivalurua, Lusi <LUSI.NAIVALURUA@tetrattech.com>

**Subject:** Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118

**CAUTION:** This email originated from outside of the BAAQMD network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Mr. Salalila,

On behalf of Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of the Ox Mountain Landfill (Facility A2266), we are submitting this Request for Limited Exemption (for construction activities) from Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34, Sections 301.1 and 301.2 (Landfill Gas Collection and Emissions Control System Requirements), Section 303 (Landfill Surface Requirements), Section 305 (Wellhead Requirements), and Section 117 (117.1 through 117.6) (Gas Collection and System Components) during the planned construction activities at Ox Mountain that are scheduled to begin May 6, 2024 with completion by August 30, 2024.

If you have any questions and need any additional information, please let me know.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Israel, Nat](#)  
**To:** [AEO\\_R9@epa.gov](mailto:AEO_R9@epa.gov); [compliance@baaqmd.gov](mailto:compliance@baaqmd.gov)  
**Cc:** [Romelle Guittap](#); [Janet Carrasco](#); [brahmbhatt.Roshni@epa.gov](mailto:brahmbhatt.Roshni@epa.gov); [Mcdonnell, Kelly](#); [Galicia, James](#); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Kent, Kendra](#); [Rawlings, Tristan](#)  
**Subject:** Ox Mountain Landfill Semi-Annual Report for October 1, 2023 through March 31, 2024 Submittal - 2 of 2  
**Date:** Tuesday, April 30, 2024 3:46:47 PM  
**Attachments:** [Ox Mountain October 2023 through March 2024 Semi-Annual Report Final Part 2.pdf](#)

---

To whom it may concern,

On behalf of Browning-Ferris Industries of California, Inc. , please find attached the Semi-Annual Report (SAR) for Ox Mountain Landfill, located in Half Moon Bay, California, for the reporting period of October 1, 2023 through March 31, 2024.

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

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

If you have any questions, please let us know.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Israel, Nat](#)  
**To:** [Lucas Griswold](#)  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Kent, Kendra](#); [Rawlings, Tristan](#)  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain  
**Date:** Monday, May 6, 2024 2:26:55 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)  
[image010.png](#)  
[COPC App. 32201 May 2024 Data Request.zip](#)

---

Hi Lucas,

Attached is the requested information. Please let us know if we can do anything else.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

---

**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Monday, April 22, 2024 11:00 AM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Kent, Kendra](mailto:Kent, Kendra) <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; [Rawlings, Tristan](mailto:Rawlings, Tristan) <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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

Hi Nat,

I have received some comments on my evaluation from my supervisor and have some additional questions for you. Could you please send me all of the well notifications that you have sent to the District since January 1<sup>st</sup>, 2021? Could you also send me your monitoring probe data, as well as a map of monitoring probe locations? Please let me know if you have any questions. I am trying to get this application finalized as soon as possible since you have indicated that it is necessary for upcoming actions.

Thank you,  
Lucas

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Monday, March 25, 2024 2:14 PM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

Following up again regarding Application 32201. Ox Mountain anticipates requiring these well actions in the near future. Please let me know if you have any questions or if we can do anything else.

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*



Please consider the environment before printing. [Read more](#)



---

**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Tuesday, February 20, 2024 9:11 AM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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

Hi Nat,

The evaluation for this application is currently under review by my supervisor. She has been completely swamped with other facilities and the District also experienced some downtime due to some system issues. I will be meeting with my supervisor in a couple hours and shall

inquire about when she expects that she may be able to finish her review. This is her second review of the evaluation so I am hoping that it should be quick and that she won't have additional comments. I will keep you posted.

Thank you,  
Lucas

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Tuesday, February 20, 2024 9:03 AM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

You don't often get email from [nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com). [Learn why this is important](#)

Hi Lucas,

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

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

Please consider the environment before printing. [Read more](#)



---

**From:** Israel, Nat  
**Sent:** Wednesday, January 10, 2024 8:28 AM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

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

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

Please consider the environment before printing. [Read more](#)



---

**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Monday, January 8, 2024 10:59 AM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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

Hi Nat,

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

Thanks,  
Lucas

---

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

You don't often get email from [nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com). [Learn why this is important](#)

Hi Lucas,

Those wells were added in 2020. Condition 10164 17(a)(ii) was not updated correctly during the last

renewal. We are correcting the clerical discrepancy in our upcoming petition. We have been operating in accordance with the wells listed in Condition 10164 18(d)(i). Please let me know if you need anything else.

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

Please consider the environment before printing. [Read more](#)



---

**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Thursday, January 4, 2024 10:33 AM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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

Thanks! The current permit says that there are only 18 wells operated less than continuously. Do you happen to know the applications that converted the other 6 wells to be operated less than continuously?

---

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

You don't often get email from [nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com). [Learn why this is important](#)

Hi Lucas,

We are in the process of completing a Less Than Continuous Operation Petition to reapprove the

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

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

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

Please consider the environment before printing. [Read more](#)



---

**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Thursday, January 4, 2024 8:58 AM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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

Hi Nat,

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

Thanks,  
Lucas

**From:** Israel, Nat <[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)>  
**Sent:** Wednesday, January 3, 2024 2:57 PM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetratech.com](mailto:TRISTAN.RAWLINGS@tetratech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

You don't often get email from [nat.israel@tetratech.com](mailto:nat.israel@tetratech.com). [Learn why this is important](#)

Hi Lucas,

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

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*



Please consider the environment before printing. [Read more](#)



---

**From:** Israel, Nat  
**Sent:** Tuesday, November 28, 2023 4:08 PM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); Rawlings, Tristan <[TRISTAN.RAWLINGS@tetratech.com](mailto:TRISTAN.RAWLINGS@tetratech.com)>; Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

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

Thanks,

**Nat Israel** | Compliance Specialist

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

Please consider the environment before printing. [Read more](#)



---

**From:** Israel, Nat

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

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

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

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

Hi Lucas,

Please see the attached as-built with the wells installed and started up under Well Actions under ATC 30889, issued 2/10/2021. Please let us know if you have any questions.

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

Please consider the environment before printing. [Read more](#)



---

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

**Sent:** Thursday, October 12, 2023 4:29 PM

**To:** Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>

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

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

Hi Kendra,

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

Thank you,  
Lucas

---

**From:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>

**Sent:** Thursday, October 5, 2023 12:55 PM

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

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

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

**CAUTION:** This email originated from outside of the BAAQMD network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lucas,

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

Thanks,  
Kendra

**Kendra Kent** | Senior Compliance Specialist

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group

Direct +1 (520) 526-7270 | Cell +1 (520) 275-0189 | [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*



---

**From:** Kent, Kendra

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

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

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

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

Hi Lucas,

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

**BAAQMD Comment #1:**

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

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

**BAAQMD Comment #2:**

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

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

**BAAQMD Comment #3:**

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

**RESPONSE:** The wells OXEW1918, OXEW2006, and OXM EW303 that were scheduled to be abandoned in Drawing 3 of the submitted application documents were decommissioned on August 17, 2023. This information and reasoning for decommissioning the wells are included in the attached Ox Mountain Wellfield Actions tracker. The location of these wells is shown in the Ox Mountain GCCS As-Built Decommissioned Wells drawing and wellfield data for the wells can be found in the attached Ox Mountain Wellfield Data for Decommissioned Wells.

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

Thanks,  
Kendra

**Kendra Kent** | Senior Compliance Specialist  
Direct +1 (520) 526-7270 | Mobile +1 (520) 275-0189 | Fax +1 (520) 888-4804 | [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com)

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*



Please consider the environment before printing. [Read more](#)



---

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

**Sent:** Tuesday, August 22, 2023 9:31 AM

**To:** Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>

**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com)

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

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

Hi Kendra,

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

Thanks,  
Lucas

Lucas Griswold

**BAAQMD**

Air Quality Engineer

375 Beale Street, Suite 600

San Francisco, CA 94105

(415) 749-8605

**From:** [Israel, Nat](#)  
**To:** ["compliance@baaqmd.gov"](mailto:compliance@baaqmd.gov)  
**Cc:** ["Mcdonnell, Kelly"](#); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Newbrough, Rob](#); [Ayass, Sami](#); [Kent, Kendra](#); [Newell, Alex](#); [Nyiri, Pam](#); [Bowman, Matt](#); [Naivalurua, Lusi](#); [Rawlings, Tristan](#); ["Romelle Guittap"](#); [AbuShaban, Kacey](#); [Janet Carrasco](#)  
**Date:** Monday, May 13, 2024 1:45:49 PM  
**Attachments:** [Ox Mountain Wellfield Notification 2024-05-13 Final.pdf](#)

---

To Whom It May Concern,

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (Facility A2266), we are submitting the attached well notification letter as required pursuant to Title V Permit Condition Numbers 10164, Part 17(b)(iv) and (v). Please let us know if you have any questions.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Lucas Griswold](#)  
**To:** [Israel, Nat](#)  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Kent, Kendra](#); [Rawlings, Tristan](#)  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain  
**Date:** Tuesday, May 28, 2024 3:06:34 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)  
[image010.png](#)  
[32201 TempPO\\_signed.pdf](#)

---

**CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments.

Hi Nat,

Attached is the Temporary PO for the gas collection system updates at Ox Mountain landfill.

Thanks,  
Luke

---

**From:** Lucas Griswold  
**Sent:** Friday, May 24, 2024 7:44 AM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Kendra, Kendra <Kendra.Kent@tetrattech.com>](mailto:Kendra.Kent@tetrattech.com); [Rawlings, Tristan <TRISTAN.RAWLINGS@tetrattech.com>](mailto:Rawlings, Tristan <TRISTAN.RAWLINGS@tetrattech.com>)  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Nat,

I am working on issuing a temporary PO for gas collection system updates. I have not been able to finalize my review of the data you have provided to me, and I understand that you should be able to add and replace wells. There is one stipulation in that if you wish to decommission a well without replacing it, you will need to provide a detailed explanation to the District as to why that well location is no longer needed. I hope to have the temporary PO approved by early next week. Please let me know if you have any questions.

Thank you,  
Lucas

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Monday, May 6, 2024 2:27 PM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>

**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

Attached is the requested information. Please let us know if we can do anything else.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

---

**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Monday, April 22, 2024 11:00 AM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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

Hi Nat,

I have received some comments on my evaluation from my supervisor and have some additional questions for you. Could you please send me all of the well notifications that you have sent to the District since January 1<sup>st</sup>, 2021? Could you also send me your monitoring probe data, as well as a map of monitoring probe locations? Please let me know if you have any questions. I am trying to get this application finalized as soon as possible since you have indicated that it is necessary for upcoming actions.

Thank you,  
Lucas

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Monday, March 25, 2024 2:14 PM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>

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

Hi Lucas,

Following up again regarding Application 32201. Ox Mountain anticipates requiring these well actions in the near future. Please let me know if you have any questions or if we can do anything else.

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*



Please consider the environment before printing. [Read more](#)



---

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

**Sent:** Tuesday, February 20, 2024 9:11 AM

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

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

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

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

Hi Nat,

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

Thank you,  
Lucas

---

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

**Sent:** Tuesday, February 20, 2024 9:03 AM

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

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

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

You don't often get email from [nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com). [Learn why this is important](#)

Hi Lucas,

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

Thanks,

**Nat Israel** | Compliance Specialist

Mobile +1 (530) 409-0225 |

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*



Please consider the environment before printing. [Read more](#)



---

**From:** Israel, Nat

**Sent:** Wednesday, January 10, 2024 8:28 AM

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

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

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

Hi Lucas,

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

Thanks,

**Nat Israel** | Compliance Specialist

Mobile +1 (530) 409-0225 |

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

    Please consider the environment before printing. [Read more](#)



---

**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Monday, January 8, 2024 10:59 AM  
**To:** Israel, Nat <[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetratech.com](mailto:TRISTAN.RAWLINGS@tetratech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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

Hi Nat,

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

Thanks,  
Lucas

---

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

You don't often get email from [nat.israel@tetratech.com](mailto:nat.israel@tetratech.com). [Learn why this is important](#)

Hi Lucas,

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

Thanks,

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

    Please consider the environment before printing. [Read more](#)



---

**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Thursday, January 4, 2024 10:33 AM  
**To:** Israel, Nat <[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetratech.com](mailto:TRISTAN.RAWLINGS@tetratech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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

Thanks! The current permit says that there are only 18 wells operated less than continuously. Do you happen to know the applications that converted the other 6 wells to be operated less than continuously?

---

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

You don't often get email from [nat.israel@tetratech.com](mailto:nat.israel@tetratech.com). [Learn why this is important](#)

Hi Lucas,

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

OMTLTS01	OMTLTS02	OMTLTS03	OMTLTS04	OMTLTS05	OMTLTS06
OMTLTS07	OMTLTS08	OMTLTS09	OMTLTS10	OMTLTS11	OMTLTS12
OMTLTS15	OMTLTS16	OMTLTS17	OMTLTS18	OMTLTS19	OMTLTS20

OXLCRS4A1

OXLCRS4B1

OXLCRS07

OXLCRS3A

OXLCRS3B

OXLCRS7B

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*



Please consider the environment before printing. [Read more](#)



---

**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Thursday, January 4, 2024 8:58 AM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

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

Hi Nat,

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

Thanks,  
Lucas

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Wednesday, January 3, 2024 2:57 PM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

You don't often get email from [nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com). [Learn why this is important](#)

Hi Lucas,

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

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

 Please consider the environment before printing. [Read more](#)



---

**From:** Israel, Nat

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

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

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

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

Hi Lucas,

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

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

 Please consider the environment before printing. [Read more](#)



---

**From:** Israel, Nat  
**Sent:** Friday, October 20, 2023 1:51 PM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); Rawlings, Tristan <[TRISTAN.RAWLINGS@tetratech.com](mailto:TRISTAN.RAWLINGS@tetratech.com)>; Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

Please see the attached as-built with the wells installed and started up under Well Actions under ATC 30889, issued 2/10/2021. Please let us know if you have any questions.

Thanks,

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

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

 Please consider the environment before printing. [Read more](#)



---

**From:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Sent:** Thursday, October 12, 2023 4:29 PM  
**To:** Kent, Kendra <[Kendra.Kent@tetratech.com](mailto:Kendra.Kent@tetratech.com)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); Israel, Nat <[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetratech.com](mailto:TRISTAN.RAWLINGS@tetratech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Kendra,

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

Thank you,  
Lucas

---

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

**CAUTION:** This email originated from outside of the BAAQMD network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lucas,

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

Thanks,  
Kendra

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

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*



---

**From:** Kent, Kendra  
**Sent:** Friday, September 8, 2023 1:30 PM  
**To:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>  
**Cc:** [kmcdonnell@republicservices.com](mailto:kmcdonnell@republicservices.com); Israel, Nat <[Nat.Israel@tetratech.com](mailto:Nat.Israel@tetratech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetratech.com](mailto:TRISTAN.RAWLINGS@tetratech.com)>  
**Subject:** RE: BAAQMD Application 32201 for Change of Conditions at Ox Mountain

Hi Lucas,

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

**BAAQMD Comment #1:**

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

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

**BAAQMD Comment #2:**

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

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

**BAAQMD Comment #3:**

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

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

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

Thanks,  
Kendra

**Kendra Kent** | Senior Compliance Specialist

Direct +1 (520) 526-7270 | Mobile +1 (520) 275-0189 | Fax +1 (520) 888-4804 | [kendra.kent@tetrattech.com](mailto:kendra.kent@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West | Methane Gas Group

[tetrattech.com](http://tetrattech.com) | [www.cornestoneeg.com](http://www.cornestoneeg.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*



Please consider the environment before printing. [Read more](#)



---

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

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

Hi Kendra,

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

Thanks,  
Lucas

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

From: [McDonnell, Kelly](#)  
To: [Israel, Nat](#)  
Cc: [Kent, Kendra](#); [Newbrough, Rob](#)  
Subject: RE: BAAQMD Records Request- Wellfield monitoring  
Date: Tuesday, June 4, 2024 4:55:00 PM  
Attachments: [image001.jpg](#)  
[image002.png](#)

**CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments.

Hi Nat,

I see that you pulled the correct dates from etools but some of the records on the spreadsheet are from 2022 and 2023. If you could please compile the MOR deviation logs so we only provide data for the requested time frame, that'd be great.

Thank you,

**Kelly McDonnell**

Ox Mountain Landfill  
Environmental Manager

e [KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)

c (669) 297-4259 o (650) 713-3632

w [www.Republicservices.com](http://www.Republicservices.com)



---

**From:** Israel, Nat <nat.israel@tetrattech.com>  
**Sent:** Monday, June 3, 2024 2:14 PM  
**To:** McDonnell, Kelly <KMcdonnell@republicservices.com>  
**Cc:** Kent, Kendra <Kendra.Kent@tetrattech.com>; Newbrough, Rob <Rob.Newbrough@tetrattech.com>  
**Subject:** RE: BAAQMD Records Request- Wellfield monitoring

**This Message Is From an External Sender**

This message came from outside your organization.

[Report Suspicious](#)



Hi Kelly,

I pulled the attached off of eTools. We can also compile our MOR deviation log if you would

prefer that format. Please let us know if you have any questions or if we can do anything else.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

---

**From:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>  
**Sent:** Friday, May 31, 2024 11:46 AM  
**To:** Israel, Nat <[nat.israel@tetrattech.com](mailto:nat.israel@tetrattech.com)>  
**Cc:** Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Newbrough, Rob <[Rob.Newbrough@tetrattech.com](mailto:Rob.Newbrough@tetrattech.com)>  
**Subject:** FW: BAAQMD Records Request- Wellfield monitoring

⚠ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Hi Nat,

I know the wellfield monitoring reports have been uploaded to etools but if you could please assist with the deviation log that Romelle has requested, I'd appreciate it.

Thank you,

**Kelly McDonnell**  
Ox Mountain Landfill  
Environmental Manager

e [KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)  
c (669) 297-4259 o (650) 713-3632  
w [www.Republicservices.com](http://www.Republicservices.com)



---

**From:** Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>  
**Sent:** Wednesday, May 29, 2024 2:35 PM

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

**Subject:** BAAQMD Records Request- Wellfield monitoring

**This Message Is From an External Sender**

[Report Suspicious](#)



This message came from outside your organization.

Hello Kelly,

I hope all is well with you! I am writing to request a copy of your wellfield monitoring report and deviation log (January 2024 to current) for my review. You may send it to me separately by month if the file is too large. This request was prompted by a review of your application #32201. Thank you for your cooperation!

Regards,

**Romelle Guittap | Air Quality Specialist**

Compliance & Enforcement Division

Office: 415.749.4654 | [rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)

Website: [www.baaqmd.gov](http://www.baaqmd.gov)

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



From: [McDonnell, Kelly](#)  
To: [Romelle Guittap](#)  
Subject: RE: BAAQMD Records Request- Wellfield monitoring  
Attachments: [image002.jpg](#)  
[image003.png](#)  
[January 2024 Ox Mountain Monthly Monitoring Report.pdf](#)  
[February 2024 Ox Mountain Monthly Monitoring Report.pdf](#)  
[March 2024 Ox Mountain Monthly Monitoring Report.pdf](#)  
[April 2024 Ox Mountain Monthly Monitoring Report.pdf](#)  
[May 2024 Ox Mountain Monthly Monitoring Report.pdf](#)  
[Ox Mountain Jan 2024 through May 2024 Wellfield Deviations.pdf](#)

---

Good Morning Romelle,

I've attached the 2024 January through May monthly wellfield monitoring reports and deviation report for your reference. Please let me know if I can assist with anything else.

Thank you,

**Kelly McDonnell**

Ox Mountain Landfill  
Environmental Manager

e [KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)

c (669) 297-4259 o (650) 713-3632

w [www.Republicservices.com](http://www.Republicservices.com)



---

**From:** Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>  
**Sent:** Wednesday, May 29, 2024 2:35 PM  
**To:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>  
**Subject:** BAAQMD Records Request- Wellfield monitoring

**This Message Is From an External Sender**

This message came from outside your organization.

[Report Suspicious](#)



Hello Kelly,

I hope all is well with you! I am writing to request a copy of your wellfield monitoring report and deviation log (January 2024 to current) for my review. You may send it to me separately by month if the file is too large. This request was prompted by a review of your application #32201. Thank you for your cooperation!

Regards,

**Romelle Guittap | Air Quality Specialist**

Compliance & Enforcement Division

Office: 415.749.4654 | [rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)

Website: [www.baaqmd.gov](http://www.baaqmd.gov)

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



**From:** [Israel, Nat](#)  
**To:** [Lucas Griswold](#); [BAAQMD Permits](#)  
**Cc:** [Tamiko Endow](#); [Romelle Guittap](#); [Mcdonnell, Kelly](#); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Wade, Benjamin](#); [Kent, Kendra](#); [Newell, Alex](#); [Stout, Paul](#); [AbuShaban, Kacey](#); [Rawlings, Tristan](#); [Daniel Oliver](#); [Sanjeev Kamboj](#)  
**Subject:** RE: Ox Mountain Title V Permit Modification Application - Title V Condition Number 10164 (2)(a)  
**Date:** Monday, June 10, 2024 5:07:37 PM

---

Hi Lucas,

I will schedule the meeting for this Thursday, June 13, 2024 from 12pm to 1pm.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

---

**From:** Lucas Griswold <lgriswold@baaqmd.gov>  
**Sent:** Monday, June 10, 2024 4:48 PM  
**To:** Israel, Nat <Nat.Israel@tetrattech.com>; BAAQMD Permits <permits@baaqmd.gov>  
**Cc:** Tamiko Endow <TEndow@baaqmd.gov>; Romelle Guittap <rguittap@baaqmd.gov>; Mcdonnell, Kelly <KMcdonnell@republicservices.com>; KTekulve@republicservices.com; Wade, Benjamin <BWade@republicservices.com>; Kent, Kendra <Kendra.Kent@tetrattech.com>; Newell, Alex <Alex.Newell@tetrattech.com>; Stout, Paul <Paul.Stout@tetrattech.com>; AbuShaban, Kacey <Kacey.Abu-Shaban@tetrattech.com>; Rawlings, Tristan <TRISTAN.RAWLINGS@tetrattech.com>; Daniel Oliver <doliver@baaqmd.gov>; Sanjeev Kamboj <Skamboj@baaqmd.gov>  
**Subject:** RE: Ox Mountain Title V Permit Modification Application - Title V Condition Number 10164 (2)(a)

 **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. 

Hi Nat,

After this week we will not be able to meet again until the week of July 8<sup>th</sup> due to District members being on leave.

Thank you,  
Lucas

---

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

**Sent:** Monday, June 10, 2024 4:46 PM

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

**Cc:** Tamiko Endow <[TEndow@baaqmd.gov](mailto:TEndow@baaqmd.gov)>; Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>; Mcdonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; KTekulve@republicservices.com; Wade, Benjamin <[BWade@republicservices.com](mailto:BWade@republicservices.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Newell, Alex <[Alex.Newell@tetrattech.com](mailto:Alex.Newell@tetrattech.com)>; Stout, Paul <[Paul.Stout@tetrattech.com](mailto:Paul.Stout@tetrattech.com)>; AbuShaban, Kacey <[Kacey.Abu-Shaban@tetrattech.com](mailto:Kacey.Abu-Shaban@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>; Daniel Oliver <[doliver@baaqmd.gov](mailto:doliver@baaqmd.gov)>; Sanjeev Kamboj <[Skamboj@baaqmd.gov](mailto:Skamboj@baaqmd.gov)>

**Subject:** RE: Ox Mountain Title V Permit Modification Application - Title V Condition Number 10164 (2)(a)

Hi Lucas,

We have several team members that may not be able to attend a meeting this week. Do you have any availability the weeks of the 6/17 or 6/24? If not, I will schedule the meeting for Thursday, June 13, 2024 from 12pm to 1pm and include the indicated attendees.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

---

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

**Sent:** Monday, June 10, 2024 12:25 PM

**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>; BAAQMD Permits <[permits@baaqmd.gov](mailto:permits@baaqmd.gov)>

**Cc:** Tamiko Endow <[TEndow@baaqmd.gov](mailto:TEndow@baaqmd.gov)>; Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>; Mcdonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; KTekulve@republicservices.com; Wade, Benjamin <[BWade@republicservices.com](mailto:BWade@republicservices.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Newell, Alex <[Alex.Newell@tetrattech.com](mailto:Alex.Newell@tetrattech.com)>; Stout, Paul <[Paul.Stout@tetrattech.com](mailto:Paul.Stout@tetrattech.com)>; AbuShaban, Kacey <[Kacey.Abu-Shaban@tetrattech.com](mailto:Kacey.Abu-Shaban@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>; Daniel Oliver <[doliver@baaqmd.gov](mailto:doliver@baaqmd.gov)>; Sanjeev Kamboj <[Skamboj@baaqmd.gov](mailto:Skamboj@baaqmd.gov)>

**Subject:** RE: Ox Mountain Title V Permit Modification Application - Title V Condition Number 10164 (2)(a)

 **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. 

Hi Nat,

Sanjeev Kamboj, Tamiko Endow, Daniel Oliver, Romelle Guittap, and myself will be attending the proposed meeting once it is set up. We have availability on 6/12 10am-11am, 6/13/2024 from 12pm-1pm, or 6/13/2024 from 2pm-3pm.

Thank you,  
Lucas

---

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

**Sent:** Wednesday, June 5, 2024 9:52 AM

**To:** BAAQMD Permits <[permits@baaqmd.gov](mailto:permits@baaqmd.gov)>

**Cc:** Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>; Tamiko Endow <[TEndow@baaqmd.gov](mailto:TEndow@baaqmd.gov)>; Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>; Mcdonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); Wade, Benjamin <[BWade@republicservices.com](mailto:BWade@republicservices.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Newell, Alex <[Alex.Newell@tetrattech.com](mailto:Alex.Newell@tetrattech.com)>; Stout, Paul <[Paul.Stout@tetrattech.com](mailto:Paul.Stout@tetrattech.com)>; AbuShaban, Kacey <[Kacey.Abu-Shaban@tetrattech.com](mailto:Kacey.Abu-Shaban@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>

**Subject:** Ox Mountain Title V Permit Modification Application - Title V Condition Number 10164 (2) (a)

**CAUTION:** This email originated from outside of the BAAQMD network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

On behalf of Browning-Ferris Industries of California, Inc. (BFIC), Tetra Tech is requesting a meeting with the Bay Area Air Quality Management District (BAAQMD) permitting department to discuss the required significant Title V permit modification application for the Ox Mountain Landfill in accordance with Part VI (Permit Conditions), Condition Number 10164 (2)(a) of the facility's current Title V permit. This application is to increase the landfill gas (LFG) generation limit at the site, calculate a new fugitive LFG emission limit, an organic compound emission limit for S-1 (to be included in the permit), and an increase in the toxic air contaminants (TAC) limits listed in Permit Condition Number 10164, Part 23. The application is required to be submitted to the BAAQMD no later than December 31, 2024 and

Tetra Tech and BFIC would like to host a meeting to confirm the proposed total flow increase and the procedures needed for the required emission increases. Please provide a list of dates and times as well as a list of BAAQMD attendees when all parties are available. Please let us know if you have any questions or if we can do anything else.

Thanks,

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

**Tetra Tech** | *Leading with Science* | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetratech.com](http://tetratech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Israel, Nat](#)  
**To:** [Rawlings, Tristan](#)  
**Subject:** FW: BAAQMD site A2266 Reg. 8-34  
**Date:** Thursday, October 31, 2024 9:59:22 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)

---

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

---

**From:** Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>  
**Sent:** Wednesday, June 26, 2024 2:15 PM  
**To:** Mcdonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>  
**Cc:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Tamiko Endow <[TEndow@baaqmd.gov](mailto:TEndow@baaqmd.gov)>; Lucas Griswold <[lgriswold@baaqmd.gov](mailto:lgriswold@baaqmd.gov)>; Patrick Wenzinger <[pwenzinger@baaqmd.gov](mailto:pwenzinger@baaqmd.gov)>  
**Subject:** FW: BAAQMD site A2266 Reg. 8-34

**⚠ CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Hello Kelly,

I am writing you as a follow-up to my email sent to you on June 13 (see below) and to request more data. After reviewing your wellhead data, I've found that quite a few of your wells have exceeded the oxygen limit for more than the 15 days which requires an expansion as per Air District Regulation 8-34-414.3 which states the following:

**8-34-414 Repair Schedule for Wellhead Excesses:** In accordance with the provisions of 40 CFR 60.755(a)(3 and 5), any operator subject to the requirements of Section 8-34-305 shall meet the following requirements, if any excess of a limit specified in Sections 8-34-305.1, 305.2, 305.3, or 305.4 is detected.

- 414.1 The operator shall record the date, the excess value and the well identification number.
- 414.2 The operator shall initiate action to correct the excess within 5 calendar days of discovering the problem.
- 414.3 If the excess cannot be corrected within 15 days of the date that the problem was first discovered, the gas collection system shall be expanded to correct the excess.
- 414.4 If a gas collection system expansion is required pursuant to Section 8-34-414.3, the expansion shall be completed and all new wells shall be operating within 120 days of the date that the problem was first discovered.

*(Adopted October 6, 1999)*

The “valve adjustments” made to resolve the oxygen/static pressure exceedances is a temporary fix as I see wells repeating exceedances (OXEW133B, OXCCRS9B, OXEW2020) within

1-6 months of each occurrence. An example of a concern is that BFIC spent over a year trying to repair OXMEWW15 while simultaneously collecting very little landfill gas at this well.

What is your long-term solution to the well exceedances?

Were there additional measures taken to bring the wells into compliance?

I am requesting to see additional wellfield deviation logs for the following periods:

April 1, 2023 – December 31, 2023

May 1, 2019 – March 31, 2021

The goal here is to ensure that your LGCS is optimally maintained and running as efficiently as possible. Thank you for your cooperation.

Regards,

Romelle Guittap | Air Quality Specialist

Compliance & Enforcement Division

Office: 415.749.4654 | [rquittap@baaqmd.gov](mailto:rquittap@baaqmd.gov)

Website: [www.baaqmd.gov](http://www.baaqmd.gov)

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



---

**From:** Romelle Guittap

**Sent:** Thursday, June 13, 2024 1:39 PM

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

**Cc:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>

**Subject:** BAAQMD site A2266 Reg. 8-34

Hi Kelly,

Thank you and your team for staying at the end of the meeting. Regarding my discussion, the question of Reg. 8-34-414 first came up during my meeting with you on 1/17/23 in response to the 75-day notification submitted to BAAQMD on 11/22/22 for an elevated temperature exceedance of OXEW1807. The notification was to request for a 120-day extension. The well has since been corrected on the 94<sup>th</sup> day. On 12/14/22, Tetra Tech submitted an application for a change in permit conditions requesting wells to operate at higher operating values.

Today, the issue is the oxygen exceedance that extended beyond 15 days. Upon completion of my review, I will be notifying you of the wells in question and be requesting additional information/specific steps on what other measures were performed to bring the wells into compliance.

There were no email exchanges of the 1/17/23 meeting, but I will share you my notes from

1/17/23 (please note that these are my informal notes to myself):

1/17/23: met with Kelly

- She stated that given the scope of the project to expand the gas collection system, they had to evaluate the wells.
- Given that the wells were still providing good gas and temperature levels were at the cusp of 131-141 (which CFR had the higher temperature allowance), they decided to tune the wells and to maximize the potential of the well rather than start a major excavation.
- She is unsure if they attempted the expansion of the wells since she took over in 11/2022 and OXEW1807 temp. exceedance began on 9/9/22. She will check with Ben Wade since he was the Environmental Manager at that time.
- Informed Kelly that the reason for the expansion requirement is to provide a more long-term solution for the temperature exceedance rather than a temporary fix of a tune-up
- Timeline:
  - o Occurrence 9/9/22 OXEW-1807
  - o 120-day deadline 1/7/23 (to come into compliance/expansion completed)
  - o 15-day deadline 9/24/22 (to start expansion)
  - o Cleared 12/12/22
  - o 75-day letter notification submitted 11/22/22

1/25/23: met with Kelly again who provided me with a **Landfill Gas Collection and Control System Design Plan, Title 40 CFR 60, subpart WWW** dated 6/12/18 to Davis Zhu, Air Quality Engineer II and was working with Tamiko on this as well.

The following is from a manual you shared with me on that day. I think it was the state plan that was submitted to EPA or maybe a design plan. I am unsure but it was a thick binder. I may have taken a photo of the page which I will search for.

- P. 28, Section 5.1.6 Monthly monitoring and Associated Corrective Actions
  - o (see manual for full [language](#))...If the condition cannot be corrected within 15 days of the initial exceedance, the GCCS must be expanded within 120 days of the initial

reported exceedance, or an alternate remedy to correct the exceedance(s) and a corresponding timeline for implementation may be submitted for agency approval. In many instances, expansion of the GCCS will not alleviate the source of the exceedance found during the five and 15 day re-monitoring events. (per Kelly, it may make it worse because expanding well may expose the underlying layer which is heated and would not decrease temperature). ...for this reason, Ox Mountain is seeking approval for an alternative to this corrective measure protocol. If the condition cannot be corrected within 15 days of the initial exceedance, Ox Mountain is proposing to implement assessment monitoring procedures. These assessment monitoring procedures will be implemented to ascertain the best approach for enhancing the effectiveness of the GCCS. Assessment monitoring procedures will include evaluation/troubleshooting of existing GCCS components (i.e. investigation for damaged components, checking water levels in wells, investigation of sump pump operability etc.)... Assessment monitoring procedures, in addition to corrective actions (as discussed below), will be performed as soon as possible, but will not exceed more than 120 days after the initial exceedance.

If you can let me know where the above language came from, please let me know. I believe this was something you showed me in response to the well expansion requirement of Reg. 8-34-414.

Regards,

**Romelle Guittap | Air Quality Specialist**

Compliance & Enforcement Division

Office: 415.749.4654 | [rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)

Website: [www.baaqmd.gov](http://www.baaqmd.gov)

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



**From:** [Israel, Nat](#)  
**To:** "[compliance@baaqmd.gov](mailto:compliance@baaqmd.gov)"  
**Cc:** [Janet Carrasco](#); [Mcdonnell, Kelly](#); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Newbrough, Rob](#); [Ayass, Sami](#); [Kent, Kendra](#); [Newell, Alex](#); [Nyiri, Pam](#); [Bowman, Matt](#); [Naivalurua, Lusi](#); [Rawlings, Tristan](#); [AbuShaban, Kacey](#)  
**Subject:** Ox Mountain Landfill - Facility A2266 - Well Notification  
**Date:** Tuesday, July 2, 2024 5:25:12 PM  
**Attachments:** [Ox Mountain Wellfield Notification 2024-07-02 Final.pdf](#)

---

To Whom It May Concern,

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (Facility A2266), we are submitting the attached well notification letter as required pursuant to Title V Permit Condition Numbers 10164, Part 17(b)(iv) and (v). Please let us know if you have any questions.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](https://www.tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Israel, Nat](#)  
**To:** ["compliance@baaqmd.gov"](mailto:compliance@baaqmd.gov); [rca@baaqmd.gov](mailto:rca@baaqmd.gov)  
**Cc:** ["Mcdonnell, Kelly"](#); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Newbrough, Rob](#); [Ayass, Sami](#); [Newell, Alex](#); [Kent, Kendra](#); [Rawlings, Tristan](#)  
**Subject:** RCA Notification - Ox Mountain (Facility #A2266) - July 10, 2024  
**Date:** Wednesday, July 10, 2024 4:54:50 PM  
**Attachments:** [Ox Mountain RCA Notification Form 7-10-2024 Event Final.pdf](#)

---

To Whom it May Concern,

Tetra Tech is submitting the attached Reportable Compliance Activity (RCA) Form for breakdown relief on behalf of our client, Browning-Ferris of California, Inc., who owns and operates Ox Mountain Landfill (A2266), for a gas collection and control system (GCCS) shutdown that occurred on July 10, 2024. If you have any questions or need additional information, please let us know.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Israel, Nat](#)  
**To:** [compliance@baagmd.gov](mailto:compliance@baagmd.gov)  
**Cc:** [Janet Carrasco](#); [Mcdonnell, Kelly](#); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Newbrough, Rob](#); [Ayass, Sami](#); [Kent, Kendra](#); [Newell, Alex](#); [Nyiri, Pam](#); [Bowman, Matt](#); [Naivalurua, Lusi](#); [Rawlings, Tristan](#); [AbuShaban, Kacey](#)  
**Subject:** Ox Mountain Landfill - Facility A2266 - Well Notification  
**Date:** Tuesday, July 16, 2024 4:49:49 PM  
**Attachments:** [Ox Mountain Wellfield Notification 2024-07-16 Final.pdf](#)

---

To Whom It May Concern,

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (Facility A2266), we are submitting the attached well notification letter as required pursuant to Title V Permit Condition Numbers 10164, Part 17(b)(iv) and (v). Please let us know if you have any questions.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](https://www.tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Israel, Nat](#)  
**To:** [RCA Notification; Romelle Guittap](#)  
**Cc:** ["Mcdonnell, Kelly"; KTekulve@republicservices.com; Newbrough, Rob; Ayass, Sami; Kent, Kendra; Rawlings, Tristan; Nyiri, Pam](#)  
**Subject:** RE: RCA Notification - Ox Mountain (Facility #A2266) - July 10, 2024  
**Date:** Friday, July 19, 2024 4:20:23 PM  
**Attachments:** [Ox Mountain 10-30 Day Title V Report RCA 7-10-2024 Final.pdf](#)

---

Hello,

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (Facility A2266), we are submitting the attached Combined 10/30-day Title V Report and 30-day Breakdown Follow-up Letter for Reportable Compliance Activity (RCA) Numbers 200456 and 200458. Should you have any question or require additional information, please contact Kelly McDonnell at (650) 713-3632 or via email at [KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com).

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

---

**From:** RCA Notification <[rca@baaqmd.gov](mailto:rca@baaqmd.gov)>  
**Sent:** Wednesday, July 10, 2024 5:08 PM  
**To:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>; Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>  
**Cc:** 'Mcdonnell, Kelly' <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; KTekulve@republicservices.com; Newbrough, Rob <[Rob.Newbrough@tetrattech.com](mailto:Rob.Newbrough@tetrattech.com)>; Ayass, Sami <[Sami.Ayass@tetrattech.com](mailto:Sami.Ayass@tetrattech.com)>; Newell, Alex <[Alex.Newell@tetrattech.com](mailto:Alex.Newell@tetrattech.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>  
**Subject:** RE: RCA Notification - Ox Mountain (Facility #A2266) - July 10, 2024

 **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. 

Breakdown ID# 200456  
Excess ID# 200458

---

**From:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Sent:** Wednesday, July 10, 2024 4:55 PM  
**To:** Compliance <[Compliance@baaqmd.gov](mailto:Compliance@baaqmd.gov)>; RCA Notification <[rca@baaqmd.gov](mailto:rca@baaqmd.gov)>

**Cc:** 'Mcdonnell, Kelly' <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com);  
Newbrough, Rob <[Rob.Newbrough@tetrattech.com](mailto:Rob.Newbrough@tetrattech.com)>; Ayass, Sami <[Sami.Ayass@tetrattech.com](mailto:Sami.Ayass@tetrattech.com)>;  
Newell, Alex <[Alex.Newell@tetrattech.com](mailto:Alex.Newell@tetrattech.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Rawlings,  
Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>

**Subject:** RCA Notification - Ox Mountain (Facility #A2266) - July 10, 2024

**CAUTION:** This email originated from outside of the BAAQMD network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To Whom it May Concern,

Tetra Tech is submitting the attached Reportable Compliance Activity (RCA) Form for breakdown relief on behalf of our client, Browning-Ferris of California, Inc., who owns and operates Ox Mountain Landfill (A2266), for a gas collection and control system (GCCS) shutdown that occurred on July 10, 2024. If you have any questions or need additional information, please let us know.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Israel, Nat](#)  
**To:** [Mcdonnell, Kelly](#)  
**Cc:** [Kent, Kendra](#); [Rawlings, Tristan](#); [Newbrough, Rob](#); [Nyiri, Pam](#)  
**Subject:** FW: STP for testing at Ox Mountain Half-Moon Bay Plant #2266  
**Date:** Tuesday, August 6, 2024 7:27:47 AM  
**Attachments:** [TT-B-OX-A7 & A9-Flares TSP-2024-stp1.pdf](#)

---

FYI

**Nat Israel** | Senior Compliance Specialist

Mobile +1 (530) 409-0225 | [Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West

21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

---

**From:** Lisa Mann <[lmann@blueskyenvironmental.com](mailto:lmann@blueskyenvironmental.com)>

**Sent:** Monday, August 5, 2024 5:58 PM

**To:** Gloria Espena <[GEspena@baaqmd.gov](mailto:GEspena@baaqmd.gov)>; Marco Hernandez <[MHernandez@baaqmd.gov](mailto:MHernandez@baaqmd.gov)>

**Cc:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>; Blue Sky <[bluesky@blueskyenvironmental.com](mailto:bluesky@blueskyenvironmental.com)>;

Jeramie Richardson <[jrichardson@blueskyenvironmental.com](mailto:jrichardson@blueskyenvironmental.com)>

**Subject:** STP for testing at Ox Mountain Half-Moon Bay Plant #2266

 **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. 

Good Evening,

Attached please find the Source Test Plan for testing at the Ox Mountain (Los Trancos Canyon Landfill), scheduled for August 20 and 22, 2024, for your review and approval. As always, please let us know if you have any questions or comments. Thank you.

*Sincerely,*

*Lisa Mann*

*Office Manager*

*We appreciate you choosing Blue Sky Environmental, Inc.*

*BLUE SKY ENVIRONMENTAL, INC*

2273 Lobert St.

Castro Valley, CA 94546

*Direct: (530) 921-1698*

*Office: (510) 525-1261*

*[lman@blueskyenvironmental.com](mailto:lman@blueskyenvironmental.com)*

Visit our website at [www.blueskyenvironmental.com](http://www.blueskyenvironmental.com)

**From:** [Jessica Morris](#)  
**To:** [Gloria Espena](#)  
**Cc:** [Marco Hernandez](#); [Sourcetest](#); [Israel, Nat](#); [Mcdonnell, Kelly](#); [Kent, Kendra](#); [Rawlings, Tristan](#); [Blue Sky](#)  
**Subject:** Ox Mountain (Los Trancos Canyon) Landfill Source Test Report 24260 and BAAQMD Contractor Form – NST-9468.  
**Date:** Friday, August 16, 2024 3:44:14 PM  
**Attachments:** [24260 TT-B-Ox Mountain \(Los Trancos Canyon Landfill\) Flare A-9 r.pdf](#)  
[Ox Mtn A9 Flare NST-9468 BAAQMD Contractor ST Supplemental Form 2022.pdf](#)

---

**CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments.

Hello Gloria,

Attached please find the Ox Mountain (Los Trancos Canyon) Landfill Flare A-9 Source Test Report and Contractor Form for your records. Should you have any questions or comments, please let us know. Thank you.

*Sincerely,  
Jessica Morris  
VP of Administration*

*We appreciate you choosing Blue Sky Environmental, Inc.*

*BLUE SKY ENVIRONMENTAL, INC.  
2273 Lobert Street  
Castro Valley, CA 94546  
Direct: (510) 566-3271  
Office: (510) 525-1261  
[jperreira@blueskyenvironmental.com](mailto:jperreira@blueskyenvironmental.com)*

Visit our website at [www.blueskyenvironmental.com](http://www.blueskyenvironmental.com)

**From:** [Israel, Nat](#)  
**To:** [Gloria Espena](#); [Marco Hernandez](#)  
**Cc:** [Blue Sky](#); [Jeramie Richardson](#); [Mcdonnell, Kelly](#); [Lisa Mann](#); [Kent, Kendra](#); [Rawlings, Tristan](#)  
**Subject:** RE: NST-9582(A7) 9583(A9): STP for testing at Ox Mountain Half-Moon Bay Plant #2266  
**Date:** Monday, August 19, 2024 1:47:46 PM  
**Attachments:** [image001.png](#)  
[TT-B-OX-A7 & A9-Flares TSP-2024-stp1.pdf](#)

---

Hello,

I am emailing today to inform the BAAQMD of a schedule change with regards to the TSP testing scheduled at the A-7 and A-9 Flares for August 20 and 22, 2024. Due to delays with installing the necessary equipment to complete the tests, the A-9 Flare test has been rescheduled to be completed on Friday, August 23, 2024. No testing will be conducted on August 20 and 22, 2024. The A-7 Flare testing will be rescheduled to be completed at a later date. Please let us know if you have any questions.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

---

**From:** Gloria Espena <GEspena@baaqmd.gov>  
**Sent:** Thursday, August 8, 2024 6:08 PM  
**To:** Lisa Mann <lmann@blueskyenvironmental.com>; Marco Hernandez <MHernandez@baaqmd.gov>  
**Cc:** Israel, Nat <Nat.Israel@tetrattech.com>; Blue Sky <bluesky@blueskyenvironmental.com>; Jeramie Richardson <jrichardson@blueskyenvironmental.com>  
**Subject:** NST-9582(A7) 9583(A9): STP for testing at Ox Mountain Half-Moon Bay Plant #2266

 **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. 

**NST-9582(A7) 9583(A9)** has been assigned the pending 8/20 & 22/24 work reference below.

Also, we've introduced a new, supplemental form to be included when reports are submitted. It's just a sheet intended to help us with processing reports and prioritizing report review. The intention of the email is not to request additional testing. Please complete and submit the attached "**Contractor ST Supplemental Form**" with the final test report.

NST number(s) that are assigned for each source test notifications are for inner-office tracking purposes only, not an approval of the test plan. (For source testing methodologies please review permit conditions, BAAQMD Regulations and CFR, accordingly). Future notifications and report submittals should be made to [GEspena@baaqmd.gov](mailto:GEspena@baaqmd.gov) and cc: [MHernandez@baaqmd.gov](mailto:MHernandez@baaqmd.gov), [Sourcetest@baaqmd.gov](mailto:Sourcetest@baaqmd.gov).

If you have other questions, please contact Marco Hernandez at [mhernandez@baaqmd.gov](mailto:mhernandez@baaqmd.gov).

Thank you,

***Gloria M. Espena***

Meteorology & Measurements  
Source Test Section & Performance Evaluation Group  
The Bay Area Air Quality Management District  
375 Beale Street, Ste. 600 | San Francisco, CA 94105  
Ofc (415) 749-4725 | Fax (510) 758-3087  
[gespena@baaqmd.gov](mailto:gespena@baaqmd.gov) | [www.baaqmd.gov](http://www.baaqmd.gov)



---

**From:** Lisa Mann <[lmann@blueskyenvironmental.com](mailto:lmann@blueskyenvironmental.com)>

**Sent:** Monday, August 5, 2024 5:58 PM

**To:** Gloria Espena <[GEspena@baaqmd.gov](mailto:GEspena@baaqmd.gov)>; Marco Hernandez <[MHernandez@baaqmd.gov](mailto:MHernandez@baaqmd.gov)>

**Cc:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>; Blue Sky <[bluesky@blueskyenvironmental.com](mailto:bluesky@blueskyenvironmental.com)>;

Jeramie Richardson <[jrichardson@blueskyenvironmental.com](mailto:jrichardson@blueskyenvironmental.com)>

**Subject:** STP for testing at Ox Mountain Half-Moon Bay Plant #2266

**CAUTION:** This email originated from outside of the BAAQMD network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Evening,

Attached please find the Source Test Plan for testing at the Ox Mountain (Los Trancos Canyon Landfill), scheduled for August 20 and 22, 2024, for your review and approval. As always, please let us know if you have any questions or comments. Thank you.

*Sincerely,*

*Lisa Mann*

*Office Manager*

*We appreciate you choosing Blue Sky Environmental, Inc.*

*BLUE SKY ENVIRONMENTAL, INC*

*2273 Lobert St.*

*Castro Valley, CA 94546*

*Direct: (530) 921-1698*

*Office: (510) 525-1261*

*[lman@blueskyenvironmental.com](mailto:lman@blueskyenvironmental.com)*

Visit our website at [www.blueskyenvironmental.com](http://www.blueskyenvironmental.com)

**From:** [Israel, Nat](#)  
**To:** [Janet Carrasco: compliance@baaqmd.gov](#)  
**Cc:** [Raymond Salalila](#); [Mcdonnell, Kelly](#); [KTekulve@republicservices.com](#); [Galicia, James](#); [Kent, Kendra](#); [Newell, Alex](#); [Ayass, Sami](#); [Newbrough, Rob](#); [Crone, Eric](#); [Nyiri, Pam](#); [AbuShaban, Kacey](#); [Rawlings, Tristan](#); [Bowman, Matt](#); [Naivalurua, Lusi](#)  
**Subject:** Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118  
**Date:** Monday, August 26, 2024 4:28:00 PM  
**Attachments:** [Ox Mountain 118 Plan September 2024 GCCS Improvements Final.pdf](#)

---

Ms. Carrasco,

On behalf of Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of the Ox Mountain Landfill (Facility A2266), we are submitting this Request for Limited Exemption (for construction activities) from Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34, Sections 301.1 and 301.2 (Landfill Gas Collection and Emissions Control System Requirements), Section 303 (Landfill Surface Requirements), Section 305 (Wellhead Requirements), and Section 117 (117.1 through 117.6) (Gas Collection and System Components) during the planned construction activities at Ox Mountain that are scheduled to begin September 2, 2024 with completion by November 30, 2024.

If you have any questions and need any additional information, please let me know.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetratech.com](http://tetratech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

From: [Jessica Morris](#)  
To: [Gloria Espena](#)  
Cc: [Marco Hernandez](#); [Sourcetest](#); [Israel, Nat](#); [Mcdonnell, Kelly](#); [Kent, Kendra](#); [Rawlings, Tristan](#); [Blue Sky](#)  
Subject: Ox Mountain (Los Trancos Canyon) Landfill Source Test Report 24268 and BAAQMD Contractor Form – NST-9467  
Date: Wednesday, August 28, 2024 3:07:21 PM  
Attachments: [24268 TT-B-Ox Mountain \(Los Trancos Canyon Landfill\) Flare A7 r.pdf](#)  
[Ox Mtn A7 Flare NST-9467 BAAQMD Contractor ST Supplemental Form 2022.pdf](#)

**CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments.

Hello Gloria,

Attached please find the Ox Mountain (Los Trancos Canyon) Landfill Source Test Report and Contractor Form for your records. Should you have any questions or comments, please let us know. Thank you.

*Sincerely,  
Jessica Morris  
VP of Administration*

*We appreciate you choosing Blue Sky Environmental, Inc.*

*BLUE SKY ENVIRONMENTAL, INC.  
2273 Lobert Street  
Castro Valley, CA 94546  
Direct: (510) 566-3271  
Office: (510) 525-1261  
[jperreira@blueskyenvironmental.com](mailto:jperreira@blueskyenvironmental.com)*

Visit our website at [www.blueskyenvironmental.com](http://www.blueskyenvironmental.com)

**From:** [Israel, Nat](#)  
**To:** [compliance@baagmd.gov](mailto:compliance@baagmd.gov)  
**Cc:** [Janet Carrasco](#); [Mcdonnell, Kelly](#); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Newbrough, Rob](#); [Ayass, Sami](#); [Kent, Kendra](#); [Nyiri, Pam](#); [Bowman, Matt](#); [Naivalurua, Lusi](#); [Rawlings, Tristan](#)  
**Subject:** Ox Mountain Landfill - Facility A2266 - Well Notification  
**Date:** Thursday, August 29, 2024 5:56:48 PM  
**Attachments:** [Ox Mountain Wellfield Notification 2024-08-29 Final.pdf](#)

---

To Whom It May Concern,

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (Facility A2266), we are submitting the attached well notification letter as required pursuant to Title V Permit Condition Numbers 10164, Parts 17(b)(iv), (v), and (vii). Please let us know if you have any questions.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](https://www.tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Israel, Nat](#)  
**To:** [Newbrough, Rob](#); [Kent, Kendra](#); [Rawlings, Tristan](#)  
**Cc:** [Ayass, Sami](#); [Nyiri, Pam](#)  
**Subject:** FW: BAAQMD site A2266 Wellhead Exceedances Reg. 8-34-305, 414  
**Date:** Tuesday, September 3, 2024 10:31:48 AM  
**Attachments:** [image001.png](#)

---

FYI at Ox

**Nat Israel** | Senior Compliance Specialist

Mobile +1 (530) 409-0225 | [Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West

21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

---

**From:** Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>  
**Sent:** Tuesday, September 3, 2024 10:30 AM  
**To:** Mcdonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>  
**Cc:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>  
**Subject:** BAAQMD site A2266 Wellhead Exceedances Reg. 8-34-305, 414

**⚠ CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Hello Kelly,

Thank you for speaking with me this morning. As discussed, I will be issuing a Notice of Violation to BFIC citing Reg. 8-34-305, 414 for wellhead oxygen/pressure/temperature exceedances exceeding 15 days without GCS expansion since 2021. The design plan that was submitted on 6/12/18 had not been approved or disapproved and we will be requesting additional information. Furthermore, the design plan must be submitted as a permit application (Reg. 8-34-408) to be considered.

I'd like to set up a meeting with you and your team to discuss the violation further with you. I will be citing 35 wells that have exceedances over 15 days from January 2021 – May 2024 and will be asking you if any of the wells in exceedance had been replaced or wells added within its vicinity. The wells in exceedances are as follows:

OMTLTS06	2/11/22	46 days
OXEW1918	9/27/21	38 days
OXEW2006	2/16/22	29
OXEW2020	9/28/21	20
OXLCRS9B	2/10/22	76
OXLCRS11	1/27/22	22

OXMEW162	2/23/22	24	
OXMEW186	9/24/21	24	
OXMEWW15	10/7/21	113	DECOMMISSIONED
OMTLTS15	8/25/22	15	
OXEW133B	9/12/22	18	
OXEW1715	6/27/22	58	DECOMMISSIONED
OXEW1807	9/9/22	94	
OXEW1901	9/7/22	84	
OXEW1909	7/28/22	46	
OXEW2010	9/2/22	17	
OXEW2019	7/29/22	45	
OXEW2027	7/29/22	32	
OXMEW192	8/29/22	24	
OXMEWW18	8/12/22	33	
OMTLTS08	9/12/22	77	
OXLCR4B1	12/5/22	51	
OXLCRS7B	1/13/23	17	
OXMEW122	12/27/22	17	
OXEW1808	5/25/23	89	DECOMMISSIONED
OMTLS11	6/7/23	49	
OMTLTS12	6/7/23	35	
OXHC2101	8/18/23	49	
OXLCRS07	8/8/23	59	
OXLCRS3A	9/15/23	27	
OXLCRS3B	9/15/23	18	
OXSS2215	9/14/23	25	
OXSS2216	9/15/23	24	
OXEW1810	1/10/24	22	
OXMEW203	2/27/24	52	

- It would be helpful if you provide me with a map highlighting the wells above which will allow us to view supporting wells in its vicinity.
- If you will proceed in submitting a permit application for the design plan indicating alternate monitoring procedures of the wellheads, I'd like for you to define "assessment monitoring procedures" more specifically.

I hope to plan a meeting with you sometime next week. I am communicating with our engineering team to see what date works best for all. So far, we are looking into the following dates:

Tuesday 9/10 10AM or 2PM

Wednesday 9/11 10AM or 2PM

Friday 9/13/10AM

Please let me know which days work best for you and I will try to accommodate the majority.  
Thank you!

Regards,

Romelle Guittap | Air Quality Specialist

Compliance & Enforcement Division

Office: 415.749.4654 | [rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)

Website: [www.baaqmd.gov](http://www.baaqmd.gov)

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



**From:** [Israel, Nat](#)  
**To:** [compliance@baagmd.gov](mailto:compliance@baagmd.gov)  
**Cc:** [Janet Carrasco](#); [Mcdonnell, Kelly](#); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Newbrough, Rob](#); [Ayass, Sami](#); [Kent, Kendra](#); [Nyiri, Pam](#); [Bowman, Matt](#); [Naivalurua, Lusi](#); [Rawlings, Tristan](#); [Newell, Alex](#)  
**Subject:** Ox Mountain Landfill - Facility A2266 - Well Notification  
**Date:** Friday, September 6, 2024 4:59:59 PM  
**Attachments:** [Ox Mountain Wellfield Notification 2024-09-06 Final.pdf](#)

---

To Whom It May Concern,

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (Facility A2266), we are submitting the attached well notification letter as required pursuant to Title V Permit Condition Numbers 10164, Parts 17(b)(iv), (v), and (vii). Please let us know if you have any questions.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](https://www.tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Israel, Nat](#)  
**To:** [compliance@baagmd.gov](mailto:compliance@baagmd.gov)  
**Cc:** [Janet Carrasco](#); [Mcdonnell, Kelly](#); [KTekulve@republicservices.com](mailto:KTekulve@republicservices.com); [Newbrough, Rob](#); [Ayass, Sami](#); [Kent, Kendra](#); [Nyiri, Pam](#); [Bowman, Matt](#); [Naivalurua, Lusi](#); [Rawlings, Tristan](#); [Newell, Alex](#)  
**Subject:** Ox Mountain Landfill - Facility A2266 - Well Notification  
**Date:** Friday, September 13, 2024 4:51:17 PM  
**Attachments:** [Ox Mountain Wellfield Notification 2024-09-13 Final.pdf](#)

---

To Whom It May Concern,

On behalf of Browning-Ferris Industries of California, Inc., the owner and operator of the Ox Mountain Landfill (Facility A2266), we are submitting the attached well notification letter as required pursuant to Title V Permit Condition Numbers 10164, Parts 17(b)(iv), (v), and (vii). Please let us know if you have any questions.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](https://www.tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Israel, Nat](#)  
**To:** [Janet Carrasco; Compliance](#)  
**Cc:** [Raymond Salalila; Mcdonnell, Kelly; KTekulve@republicservices.com; Galicia, James; Kent, Kendra; Newell, Alex; Ayass, Sami; Newbrough, Rob; Crone, Eric; Nyiri, Pam; AbuShaban, Kacey; Rawlings, Tristan; Bowman, Matt; Naivalurua, Lusi](#)  
**Subject:** RE: Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118  
**Date:** Monday, September 16, 2024 12:07:19 PM

---

Hi Janet,

Answers to your questions below in **red**. Please let us know if you have any other questions.

- How do you distinguish a Cover Penetration from a Vertical LFG Well, what role does a Cover Penetration serve at the landfill?
  - Cover penetrations are tracked for surface emission monitoring purposes. The definition of a cover penetration is below.
    - 40 CFR 63.1990 “Cover penetration” – Cover penetration means a wellhead, a part of a landfill gas collection or operations system, and/or any other object that completely passes through the landfill cover. The landfill cover includes that portion which covers the waste, as well as the portion which borders the waste extended to the point where it is sealed with the landfill liner or the surrounding land mass. Examples of what is not a penetration for purposes of this subpart include but are not limited to: Survey stakes, fencing including litter fences, flags, signs, utility posts, and trees so long as these items do not pass through the landfill cover.
- I noted that CP 17, CP 18, and CP19 do not have any new cover penetrations or wells being installed in that same area. Can you explain why all three of these are no longer needed and why no replacement or substitution is needed to occur in this area.
  - These cover penetrations were previously decommissioned and are being permanently abandoned.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](http://tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

---

**From:** Janet Carrasco <jcarrasco@baaqmd.gov>

**Sent:** Friday, September 13, 2024 4:01 PM

**To:** Israel, Nat <Nat.Israel@tetrattech.com>; Compliance <Compliance@baaqmd.gov>

**Cc:** Raymond Salalila <RSalalila@baaqmd.gov>; Mcdonnell, Kelly

<KMcdonnell@republicservices.com>; KTekulve@republicservices.com; Galicia, James <JGalicia@republicservices.com>; Kent, Kendra <Kendra.Kent@tetrattech.com>; Newell, Alex <Alex.Newell@tetrattech.com>; Ayass, Sami <Sami.Ayass@tetrattech.com>; Newbrough, Rob <Rob.Newbrough@tetrattech.com>; Crone, Eric <ERIC.CRONE@tetrattech.com>; Nyiri, Pam <PAM.NYIRI@tetrattech.com>; AbuShaban, Kacey <Kacey.Abu-Shaban@tetrattech.com>; Rawlings, Tristan <TRISTAN.RAWLINGS@tetrattech.com>; Bowman, Matt <Matt.Bowman@tetrattech.com>; Naivalurua, Lusi <LUSI.NAIVALURUA@tetrattech.com>

**Subject:** RE: Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118

Some people who received this message don't often get email from [jcarrasco@baaqmd.gov](mailto:jcarrasco@baaqmd.gov). [Learn why this is important](#)

⚠ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Hello Mr. Israel,

Apologies for the delay in response the Construction Plan looks good and the project can continue forward.

I did however have a few questions for you in regards to the plan.

- How do you distinguish a Cover Penetration from a Vertical LFG Well, what role does a Cover Penetration serve at the landfill?
- I noted that CP 17, CP 18, and CP19 do not have any new cover penetrations or wells being installed in that same area. Can you explain why all three of these are no longer needed and why no replacement or substitution is needed to occur in this area.

Best,

**Janet Carrasco**

**Air Quality Specialist II**

375 Beale Street, Suite 600

San Francisco, CA 94105

P: (415) 749-4900 | C: (415) 793-0342

[www.baaqmd.gov](http://www.baaqmd.gov) | [www.sparetheair.org](http://www.sparetheair.org)

---

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

**Sent:** Monday, August 26, 2024 4:28 PM

**To:** Janet Carrasco <[jcarrasco@baaqmd.gov](mailto:jcarrasco@baaqmd.gov)>; Compliance <[Compliance@baaqmd.gov](mailto:Compliance@baaqmd.gov)>

**Cc:** Raymond Salalila <[RSalalila@baaqmd.gov](mailto:RSalalila@baaqmd.gov)>; Mcdonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>; KTekulve@republicservices.com; Galicia, James <[JGalicia@republicservices.com](mailto:JGalicia@republicservices.com)>; Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Newell, Alex <[Alex.Newell@tetrattech.com](mailto:Alex.Newell@tetrattech.com)>; Ayass, Sami <[Sami.Ayass@tetrattech.com](mailto:Sami.Ayass@tetrattech.com)>; Newbrough, Rob <[Rob.Newbrough@tetrattech.com](mailto:Rob.Newbrough@tetrattech.com)>; Crone, Eric <[ERIC.CRONE@tetrattech.com](mailto:ERIC.CRONE@tetrattech.com)>; Nyiri, Pam <[PAM.NYIRI@tetrattech.com](mailto:PAM.NYIRI@tetrattech.com)>; AbuShaban, Kacey <[Kacey.Abu-Shaban@tetrattech.com](mailto:Kacey.Abu-Shaban@tetrattech.com)>; Rawlings, Tristan <[TRISTAN.RAWLINGS@tetrattech.com](mailto:TRISTAN.RAWLINGS@tetrattech.com)>; Bowman, Matt <[Matt.Bowman@tetrattech.com](mailto:Matt.Bowman@tetrattech.com)>; Naivalurua, Lusi <[LUSI.NAIVALURUA@tetrattech.com](mailto:LUSI.NAIVALURUA@tetrattech.com)>

**Subject:** Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118

**CAUTION:** This email originated from outside of the BAAQMD network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ms. Carrasco,

On behalf of Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of the Ox Mountain Landfill (Facility A2266), we are submitting this Request for Limited Exemption (for construction activities) from Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34, Sections 301.1 and 301.2 (Landfill Gas Collection and Emissions Control System Requirements), Section 303 (Landfill Surface Requirements), Section 305 (Wellhead Requirements), and Section 117 (117.1 through 117.6) (Gas Collection and System Components) during the planned construction activities at Ox Mountain that are scheduled to begin September 2, 2024 with completion by November 30, 2024.

If you have any questions and need any additional information, please let me know.

Thanks,

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

**Tetra Tech** | *Leading with Science*<sup>®</sup> | Solid Waste West  
21700 Copley Drive, Suite 200 | Diamond Bar, CA 91765 | [tetrattech.com](https://www.tetrattech.com)

*This message, including any attachments, may include privileged, confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.*

**From:** [Romelle Guittap](#)  
**To:** [McDonnell, Kelly](#)  
**Subject:** 9/18/24 MEETING- FW: BAAQMD site A2266 Wellhead Exceedances Reg. 8-34-305, 414  
**Date:** Wednesday, September 18, 2024 8:49:11 AM  
**Attachments:** [image001.png](#)

---

**This Message Is From an External Sender**

This message came from outside your organization.

[Report Suspicious](#)

Hi Kelly,

I will be seeing you today at 11 for our meeting with you and your team. As indicated in my email to you from 9/3/24, I am hoping that you would have a map highlighting the wells in exceedance to share with us. If not, then you can share with me later, but it may be helpful for you to show supporting wells. Thanks and see you soon.

Regards,

**Romelle Guittap | Air Quality Specialist**

Compliance & Enforcement Division

Office: 415.749.4654 | [rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)

Website: [www.baaqmd.gov](http://www.baaqmd.gov)

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



---

**From:** Romelle Guittap  
**Sent:** Tuesday, September 3, 2024 10:30 AM  
**To:** Mcdonnell, Kelly <KMcdonnell@republicservices.com>  
**Cc:** Israel, Nat <Nat.Israel@tetrattech.com>  
**Subject:** BAAQMD site A2266 Wellhead Exceedances Reg. 8-34-305, 414

Hello Kelly,

Thank you for speaking with me this morning. As discussed, I will be issuing a Notice of Violation to BFIC citing Reg. 8-34-305, 414 for wellhead oxygen/pressure/temperature exceedances exceeding 15 days without GCS expansion since 2021. The design plan that was submitted on 6/12/18 had not been approved or disapproved and we will be requesting additional information. Furthermore, the design plan must be submitted as a permit application (Reg. 8-34-408) to be considered.

I'd like to set up a meeting with you and your team to discuss the violation further with you. I will be citing 35 wells that have exceedances over 15 days from January 2021 – May 2024 and will be asking you if any of the wells in exceedance had been replaced or wells added within its

vicinity. The wells in exceedances are as follows:

OMTLTS06	2/11/22	46 days	
OXEW1918	9/27/21	38 days	
OXEW2006	2/16/22	29	
OXEW2020	9/28/21	20	
OXLCRS9B	2/10/22	76	
OXLCRS11	1/27/22	22	
OXMEW162	2/23/22	24	
OXMEW186	9/24/21	24	
OXMEWW15	10/7/21	113	DECOMMISSIONED
OMTLTS15	8/25/22	15	
OXEW133B	9/12/22	18	
OXEW1715	6/27/22	58	DECOMMISSIONED
OXEW1807	9/9/22	94	
OXEW1901	9/7/22	84	
OXEW1909	7/28/22	46	
OXEW2010	9/2/22	17	
OXEW2019	7/29/22	45	
OXEW2027	7/29/22	32	
OXMEW192	8/29/22	24	
OXMEWW18	8/12/22	33	
OMTLTS08	9/12/22	77	
OXLCR4B1	12/5/22	51	
OXLCRS7B	1/13/23	17	
OXMEW122	12/27/22	17	
OXEW1808	5/25/23	89	DECOMMISSIONED
OMTLTS11	6/7/23	49	
OMTLTS12	6/7/23	35	
OXHC2101	8/18/23	49	
OXLCRS07	8/8/23	59	
OXLCRS3A	9/15/23	27	
OXLCRS3B	9/15/23	18	
OXSS2215	9/14/23	25	
OXSS2216	9/15/23	24	
OXEW1810	1/10/24	22	
OXMEW203	2/27/24	52	

- It would be helpful if you provide me with a map highlighting the wells above which will allow us to view supporting wells in its vicinity.
- If you will proceed in submitting a permit application for the design plan indicating alternate monitoring procedures of the wellheads, I'd like for you to define "assessment monitoring procedures" more specifically.

I hope to plan a meeting with you sometime next week. I am communicating with our engineering team to see what date works best for all. So far, we are looking into the following dates:

Tuesday 9/10 10AM or 2PM

Wednesday 9/11 10AM or 2PM

Friday 9/13/10AM

Please let me know which days work best for you and I will try to accommodate the majority.

Thank you!

Regards,

**Romelle Guittap | Air Quality Specialist**

Compliance & Enforcement Division

Office: 415.749.4654 | [rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)

Website: [www.baaqmd.gov](http://www.baaqmd.gov)

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



**From:** [McDonnell, Kelly](#)  
**To:** [Wade, Benjamin](#)  
**Subject:** FW: BAAQMD site A2266 BFIC, NOV #A60973  
**Date:** Wednesday, September 25, 2024 12:10:00 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.jpg](#)  
[NOV A60973 - A2266 - Browning-Ferris Industries of CA - 092524.pdf](#)

---

**Kelly McDonnell**

Ox Mountain Landfill  
Environmental Manager

e [KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)  
c (669) 297-4259 o (650) 713-3632  
w [www.Republicservices.com](http://www.Republicservices.com)



---

**From:** Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>  
**Sent:** Wednesday, September 25, 2024 11:55 AM  
**To:** McDonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>  
**Subject:** BAAQMD site A2266 BFIC, NOV #A60973

**This Message Is From an External Sender**

[Report Suspicious](#) 

This message came from outside your organization.

Hello Kelly,

Thank you for the discussion of Ox Mountain Landfill operations over the past few months. After much deliberation, BAAQMD's Compliance & Enforcement Division has determined that BFIC has violated Air District Regulation 8-34-305 and 8-34-414.3 for wellhead exceedances and for failing to perform a gas collection system expansion after the 15-day exceedances. A current list of wellheads in exceedances has been provided to you. Please note that the list may change as the occurrence date is listed as beginning October 2021. I am attaching NOV #A60973, citing air District Regulation 8-34-305 and 8-34-414.3. Signing the NOV is not an admission of guilt but an acknowledgement of receipt of the NOV.

Please sign the NOV on the signature line and return to me via email.

The NOV can be signed using one of the following methods:

1. Use Acrobat Reader to electronically sign the PDF document:

- Use Acrobat Reader Fill & Sign.
- Send the signed PDF copy of the NOV back via email.

2. Manually sign the NOV:

- Print the NOV attached to the email.
- Sign on the signature line.
- Scan the document.
- Send the signed PDF copy of the NOV back to the inspector via email.

Please note (as written on NOV): 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.

A close up of a sign? Description automatically generated



Thank you for your cooperation.

Regards,

**Romelle Guittap | Air Quality Specialist**

Compliance & Enforcement Division

Office: 415.749.4654 | [rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)

Website: [www.baaqmd.gov](http://www.baaqmd.gov)

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



**From:** [Romelle Guittap](#)  
**To:** [McDonnell, Kelly](#)  
**Subject:** FW: Requirements for Wellhead Exceedances and Gas Collection System Expansion - Regulations 8-34-305 and 8-34-414.3  
**Date:** Friday, September 27, 2024 9:04:52 AM  
**Attachments:** [image002.png](#)

---

**This Message Is From an External Sender**

This message came from outside your organization.

[Report Suspicious](#)

Hi Kelly,

In addition to what I clarified in the email below, after discussing it with our Engineering Division, they reminded me that:

*“ they would need to submit a construction plan for their expansion of the GCS and explain how the plan would resolve their issues.”* (Reg. 8-34-118)

The construction plan can be submitted to [compliance@baaqmd.gov](mailto:compliance@baaqmd.gov).

Also, this is a friendly reminder to sign and return NOV #A60973 and submit your 10-day response letter. Thank you!

Regards,

**Romelle Guittap | Air Quality Specialist**

Compliance & Enforcement Division

Office: 415.749.4654 | [rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)

Website: [www.baaqmd.gov](http://www.baaqmd.gov)

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



---

**From:** Romelle Guittap  
**Sent:** Thursday, September 26, 2024 4:59 PM  
**To:** McDonnell, Kelly <KMcdonnell@republicservices.com>  
**Subject:** RE: Requirements for Wellhead Exceedances and Gas Collection System Expansion - Regulations 8-34-305 and 8-34-414.3

Hi Kelly,

Thank you for confirming with me our discussion yesterday. With respect to item #1, typically a permit application must be submitted for the installation of the wells which would identify what wellhead you would be expanding. And yes, this would take place between the 15-120

days, but the “expansion shall be completed, and all new wells shall be operating within the 120 days of the date that the problem was first discovered.” The submittal of an application would indicate to me that a facility is complying with Reg. 8-34-414.

If your permit condition has allowances for well installation, then a permit application is not necessarily required. You could use your current allowance. However, notification or documentation is important for us to track any expansion activities. In our last meeting as a group, the self-reporting (RCA) was suggested to notify the Air District of well gas violations so that C&E could track the 8-34 deadlines. This is what is still in discussion with our group. But currently (item #2), we would expect to see the expansion documented in your deviation log as a resolution to the exceedance which would include, at least, the location of additional well(s) and date of the installation.

What I shared with you with regards to item #2 is what I would expect to receive, again, for me to know that an expansion is taking place while the idea of the RCA is being discussed. But please note that the notification to both C&E and our permit engineers is also on the table for discussion and will probably be what we would expect to see in the future, consistent across all landfill operations. But the information I discussed (item #2) should also have been documented in your repair log for the wellhead in exceedances.

This email provides better clarity on what we expect for you to be compliant with Reg. 8-34-305, 414.

Regards,

**Romelle Guittap | Air Quality Specialist**

Compliance & Enforcement Division

Office: 415.749.4654 | [rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)

Website: [www.baaqmd.gov](http://www.baaqmd.gov)

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



---

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

**Sent:** Thursday, September 26, 2024 10:35 AM

**To:** Romelle Guittap <[rguittap@baaqmd.gov](mailto:rguittap@baaqmd.gov)>

**Subject:** Requirements for Wellhead Exceedances and Gas Collection System Expansion - Regulations 8-34-305 and 8-34-414.3

**CAUTION:** This email originated from outside of the BAAQMD network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Romelle,

I appreciate you taking my call yesterday to discuss expectations from the district in regards to Regulations 8-34-305 and 8-34-414.3. Our site wants to ensure that we operate within the expectations of the district so if you could please confirm that my notes below provide an accurate summary of our discussion I would appreciate it.

1. What information does the Bay Area Air Quality Management District expect to be submitted between days 15 and 120 in order to correct the exceedance?
  - The Compliance Enforcement and Permit Engineering divisions are still in discussions of what information the district expects to be submitted between days 15 and 120 in regards to correcting a wellhead exceedance.
    - Proper guidance will be provided once a consistent understanding has been determined by the district.
2. We expanded the system in the vicinity of some of the exceedance locations noted on the NOV. What reporting did the district expect to see and what reporting do they expect to see in the future to ensure that we can operate within their expectations?
  - A notification should be sent to both Compliance Enforcement and Permit Engineering at day 15 of an exceedance. This notification should identify the intended location of expansion, justification for why an expansion will be implemented, and timeline of when the expansion will be completed.
    - If the timeline for expansion needs to be adjusted due to contractor availability, material availability, etc., then a letter from the contractors explaining the need for adjustment should be provided to the BAAQMD.

Thank you,

**Kelly McDonnell**

Ox Mountain Landfill  
Environmental Manager

e [KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)  
c (669) 297-4259 o (650) 713-3632  
w [www.Republicservices.com](http://www.Republicservices.com)



## 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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Well ID Number: OXMEW203				2.33 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	4/19/2024	X Manual		
Startup Event	4/19/24 06:00	4/19/24 06:02	0.03			116: Well Raising				
X Shutdown Event						117: Gas Collection				
Malfunction Event						118: Construction Activities			Automatic	
Well ID Number: OXMEW203						4/19/2024	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	4/19/2024	X Manual
X Startup Event	4/19/24 08:20	4/19/24 08:22	0.03					116: Well Raising		
Shutdown Event				117: Gas Collection						
Malfunction Event					118: Construction Activities			Automatic		
Well ID Number: OXEW1911				Well decommissioned.	Well decommissioned.	113: Inspection and Maintenance	5/9/2024	X Manual		
Startup Event	5/09/24 08:16	5/09/24 08:18	0.03			116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event						118: Construction Activities			Automatic	
Well ID Number:						Well decommissioned.	Well decommissioned.	113: Inspection and Maintenance		
Startup Event								116: Well Raising		
Shutdown Event				117: Gas Collection					Automatic	
Malfunction Event					118: Construction Activities			Automatic		
Well ID Number: OXMEWW18				Well decommissioned.	Well decommissioned.	113: Inspection and Maintenance	5/15/2024	X Manual		
Startup Event	5/15/24 12:00	5/15/24 12:02	0.03			116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event						118: Construction Activities			Automatic	
Well ID Number:						Well decommissioned.	Well decommissioned.	113: Inspection and Maintenance		
Startup Event								116: Well Raising		
Shutdown Event				117: Gas Collection					Automatic	
Malfunction Event					118: Construction Activities			Automatic		
Well ID Number: OXMEW328				Well decommissioned.	Well decommissioned.	113: Inspection and Maintenance	5/15/2024	X Manual		
Startup Event	5/15/24 14:00	5/15/24 14:02	0.03			116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event						118: Construction Activities			Automatic	
Well ID Number:						Well decommissioned.	Well decommissioned.	113: Inspection and Maintenance		
Startup Event								116: Well Raising		
Shutdown Event				117: Gas Collection					Automatic	
Malfunction Event					118: Construction Activities			Automatic		
Well ID Number: OMLEW107				Well decommissioned.	Well decommissioned.	113: Inspection and Maintenance	5/15/2024	X Manual		
Startup Event	5/15/24 16:31	5/15/24 16:33	0.03			116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event						118: Construction Activities			Automatic	
Well ID Number:						Well decommissioned.	Well decommissioned.	113: Inspection and Maintenance		
Startup Event								116: Well Raising		
Shutdown Event				117: Gas Collection					Automatic	
Malfunction Event					118: Construction Activities			Automatic		
Well ID Number: OXHC1922				69.40 hours	Well temporarily taken offline for construction associated with 118 Plan submitted on April 29, 2024.	X 113: Inspection and Maintenance	5/20/2024	X Manual		
Startup Event	5/20/24 16:31	5/20/24 16:33	0.03			116: Well Raising				
X Shutdown Event						117: Gas Collection				
Malfunction Event						118: Construction Activities			Automatic	
Well ID Number: OXHC1922						5/23/2024	Well temporarily taken offline for construction associated with 118 Plan submitted on April 29, 2024.	X 113: Inspection and Maintenance	5/23/2024	X Manual
X Startup Event	5/23/24 13:55	5/23/24 13:57	0.03					116: Well Raising		
Shutdown Event				117: Gas Collection						
Malfunction Event					118: Construction Activities			Automatic		

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OXEW1612				2.65 hours	Well temporarily taken offline for construction associated with 118 Plan submitted on April 29, 2024.	X 113: Inspection and Maintenance	5/20/2024	X Manual
Startup Event	5/20/24 15:00	5/20/24 15:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1612				25.03 hours	Well temporarily taken offline for construction associated with 118 Plan submitted on April 29, 2024.	X 113: Inspection and Maintenance	5/20/2024	X Manual
X Startup Event	5/20/24 17:39	5/20/24 17:41	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW323				5.78 hours	Well temporarily taken offline for construction associated with 118 Plan submitted on April 29, 2024.	X 113: Inspection and Maintenance	5/20/2024	X Manual
Startup Event	5/20/24 16:33	5/20/24 16:35	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW323				1.00 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	5/21/2024	X Manual
X Startup Event	5/21/24 17:35	5/21/24 17:37	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2106				0.75 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	5/23/2024	X Manual
Startup Event	5/23/24 10:34	5/23/24 10:36	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2106				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	5/23/2024	X Manual
X Startup Event	5/23/24 16:21	5/23/24 16:23	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2010 <sup>1</sup>				0.75 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	5/31/2024	X Manual
Startup Event	5/31/24 08:00	5/31/24 08:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2010 <sup>1</sup>				0.75 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	5/31/2024	X Manual
X Startup Event	5/31/24 09:00	5/31/24 09:02	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2005				0.75 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/6/2024	X Manual
Startup Event	6/06/24 08:00	6/06/24 08:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2005				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/6/2024	X Manual
X Startup Event	6/06/24 08:45	6/06/24 08:47	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2004				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/6/2024	X Manual
Startup Event	6/06/24 09:00	6/06/24 09:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2004				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/6/2024	X Manual
X Startup Event	6/06/24 09:50	6/06/24 09:52	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OXEW2011				0.58 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/10/2024	X Manual
Startup Event	6/10/24 08:15	6/10/24 08:17	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2011				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/10/2024	X Manual
X Startup Event	6/10/24 08:50	6/10/24 08:52	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2009				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/10/2024	X Manual
Startup Event	6/10/24 09:10	6/10/24 09:12	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2009				1.50 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/13/2024	X Manual
X Startup Event	6/10/24 10:00	6/10/24 10:02	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2008				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/13/2024	X Manual
Startup Event	6/13/24 06:30	6/13/24 06:32	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2008				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/13/2024	X Manual
X Startup Event	6/13/24 08:00	6/13/24 08:02	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1921				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/13/2024	X Manual
Startup Event	6/13/24 08:10	6/13/24 08:12	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1921				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/13/2024	X Manual
X Startup Event	6/13/24 08:50	6/13/24 08:52	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2007				0.92 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/13/2024	X Manual
Startup Event	6/13/24 09:10	6/13/24 09:12	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2007				0.92 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/13/2024	X Manual
X Startup Event	6/13/24 10:00	6/13/24 10:02	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW191				0.92 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/13/2024	X Manual
Startup Event	6/13/24 10:10	6/13/24 10:12	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW191				0.92 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/13/2024	X Manual
X Startup Event	6/13/24 11:05	6/13/24 11:07	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Well ID Number: OXEW2011				1.08 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/13/2024	X Manual	
Startup Event	6/13/24 11:15	6/13/24 11:17	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2011				0.50 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/13/2024	X Manual	
X Startup Event	6/13/24 12:20	6/13/24 12:22	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS09				0.50 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual	
Startup Event	6/17/24 05:30	6/17/24 05:32	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS09				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual	
X Startup Event	6/17/24 06:00	6/17/24 06:02	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXMEW162				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual	
Startup Event	6/17/24 06:10	6/17/24 06:12	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXMEW162				0.98 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual	
X Startup Event	6/17/24 06:50	6/17/24 06:52	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS13				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual	
Startup Event	6/17/24 07:00	6/17/24 07:02	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS13				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual	
X Startup Event	6/17/24 07:59	6/17/24 08:01	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS14				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual	
Startup Event	6/17/24 08:20	6/17/24 08:22	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS14				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual	
X Startup Event	6/17/24 09:10	6/17/24 09:12	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS15				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual	
Startup Event	6/17/24 09:30	6/17/24 09:32	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS15				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual	
X Startup Event	6/17/24 10:20	6/17/24 10:22	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OMTLTS16	6/17/24 11:00	6/17/24 11:02	0.03	0.50 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual
Startup Event						116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OMTLTS16	6/17/24 11:30	6/17/24 11:32	0.03	0.50 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/17/2024	X Manual
X Startup Event						116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OMTLTS17	6/18/24 05:20	6/18/24 05:22	0.03	0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/18/2024	X Manual
Startup Event						116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OMTLTS17	6/18/24 06:00	6/18/24 06:02	0.03	0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/18/2024	X Manual
X Startup Event						116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2002	6/18/24 06:30	6/18/24 06:32	0.03	1.50 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/18/2024	X Manual
Startup Event						116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2002	6/18/24 08:00	6/18/24 08:02	0.03	1.50 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/18/2024	X Manual
X Startup Event						116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1717	6/18/24 08:20	6/18/24 08:22	0.03	0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/18/2024	X Manual
Startup Event						116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1717	6/18/24 09:10	6/18/24 09:12	0.03	0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/18/2024	X Manual
X Startup Event						116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW210	6/18/24 09:30	6/18/24 09:32	0.03	1.17 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/18/2024	X Manual
Startup Event						116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW210	6/18/24 10:40	6/18/24 10:42	0.03	1.17 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/18/2024	X Manual
X Startup Event						116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2010	6/18/24 11:00	6/18/24 11:02	0.03	0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/18/2024	X Manual
Startup Event						116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2010	6/18/24 11:50	6/18/24 11:52	0.03	0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/18/2024	X Manual
X Startup Event						116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OXMEW187				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/19/2024	X Manual
Startup Event	6/19/24 06:00	6/19/24 06:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW187				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/19/2024	X Manual
X Startup Event	6/19/24 06:50	6/19/24 06:52	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW184				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/19/2024	X Manual
Startup Event	6/19/24 07:10	6/19/24 07:12	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW184				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/19/2024	X Manual
X Startup Event	6/19/24 08:00	6/19/24 08:02	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1621				1.17 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/19/2024	X Manual
Startup Event	6/19/24 08:20	6/19/24 08:22	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1621				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/19/2024	X Manual
X Startup Event	6/19/24 09:30	6/19/24 09:32	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2008				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/21/2024	X Manual
Startup Event	6/21/24 05:30	6/21/24 05:32	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2008				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/21/2024	X Manual
X Startup Event	6/21/24 06:10	6/21/24 06:12	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2111				77.82 hours	Well temporarily taken due to 118 construction.	X 113: Inspection and Maintenance	6/21/2024	X Manual
Startup Event	6/21/24 11:30	6/21/24 11:32	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2111				77.82 hours	Well temporarily taken due to 118 construction.	X 113: Inspection and Maintenance	6/24/2024	X Manual
X Startup Event	6/24/24 17:19	6/24/24 17:21	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2113				75.62 hours	Well temporarily taken due to 118 construction.	X 113: Inspection and Maintenance	6/21/2024	X Manual
Startup Event	6/21/24 13:30	6/21/24 13:32	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2113				75.62 hours	Well temporarily taken due to 118 construction.	X 113: Inspection and Maintenance	6/24/2024	X Manual
X Startup Event	6/24/24 17:07	6/24/24 17:09	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OXHC1922				75.72 hours	Well temporarily taken due to 118 construction.	X 113: Inspection and Maintenance	6/21/2024	X Manual
Startup Event	6/21/24 13:30	6/21/24 13:32	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXHC1922				75.90 hours	Well temporarily taken due to 118 construction.	X 113: Inspection and Maintenance	6/24/2024	X Manual
X Startup Event	6/24/24 17:13	6/24/24 17:15	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2208				75.90 hours	Well temporarily taken due to 118 construction.	X 113: Inspection and Maintenance	6/21/2024	X Manual
Startup Event	6/21/24 13:30	6/21/24 13:32	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2208				73.57 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/24/2024	X Manual
X Startup Event	6/24/24 17:24	6/24/24 17:26	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1601				73.57 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/21/2024	X Manual
Startup Event	6/21/24 16:00	6/21/24 16:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1601				73.57 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/24/2024	X Manual
X Startup Event	6/24/24 17:34	6/24/24 17:36	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1601				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/21/2024	X Manual
Startup Event	6/21/24 16:00	6/21/24 16:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1601				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/24/2024	X Manual
X Startup Event	6/24/24 17:34	6/24/24 17:36	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1920				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/24/2024	X Manual
Startup Event	6/24/24 05:30	6/24/24 05:32	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1920				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/24/2024	X Manual
X Startup Event	6/24/24 06:10	6/24/24 06:12	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1825				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/24/2024	X Manual
Startup Event	6/24/24 06:20	6/24/24 06:22	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1825				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/24/2024	X Manual
X Startup Event	6/24/24 07:00	6/24/24 07:02	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OXEW1904						X 113: Inspection and Maintenance		
Startup Event						116: Well Raising	6/24/2024	X Manual
X Shutdown Event	6/24/24 07:20	6/24/24 07:22	0.03	0.75 hours	Well temporarily taken offline for maintenance.	117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1904						X 113: Inspection and Maintenance		
X Startup Event	6/24/24 08:05	6/24/24 08:07	0.03	0.75 hours	Well temporarily taken offline for maintenance.	116: Well Raising	6/24/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2017						X 113: Inspection and Maintenance		
Startup Event	6/24/24 08:15	6/24/24 08:17	0.03	0.75 hours	Well temporarily taken offline for maintenance.	116: Well Raising	6/24/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2017						X 113: Inspection and Maintenance		
X Startup Event	6/24/24 09:00	6/24/24 09:02	0.03	0.75 hours	Well temporarily taken offline for maintenance.	116: Well Raising	6/24/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2023						X 113: Inspection and Maintenance		
Startup Event	6/24/24 09:30	6/24/24 09:32	0.03	0.75 hours	Well temporarily taken offline for maintenance.	116: Well Raising	6/24/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2023						X 113: Inspection and Maintenance		
X Startup Event	6/24/24 10:15	6/24/24 10:17	0.03	0.75 hours	Well temporarily taken offline for maintenance.	116: Well Raising	6/24/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1801						X 113: Inspection and Maintenance		
Startup Event	6/24/24 10:30	6/24/24 10:32	0.03	2.00 hours	Well temporarily taken offline for maintenance.	116: Well Raising	6/24/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1801						X 113: Inspection and Maintenance		
X Startup Event	6/24/24 12:30	6/24/24 12:32	0.03	2.00 hours	Well temporarily taken offline for maintenance.	116: Well Raising	6/24/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2029						X 113: Inspection and Maintenance		
Startup Event	6/24/24 12:40	6/24/24 12:42	0.03	0.67 hours	Well temporarily taken offline for maintenance.	116: Well Raising	6/24/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2029						X 113: Inspection and Maintenance		
X Startup Event	6/24/24 13:20	6/24/24 13:22	0.03	0.67 hours	Well temporarily taken offline for maintenance.	116: Well Raising	6/24/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2020						X 113: Inspection and Maintenance		
Startup Event	6/24/24 13:40	6/24/24 13:42	0.03	0.50 hours	Well temporarily taken due to 118 construction.	116: Well Raising	6/24/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2020						X 113: Inspection and Maintenance		
X Startup Event	6/24/24 14:10	6/24/24 14:12	0.03	0.50 hours	Well temporarily taken due to 118 construction.	116: Well Raising	6/24/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OXEW1912				39.32 hours	Well temporarily taken due to 118 construction.	X 113: Inspection and Maintenance	6/24/2024	X Manual
Startup Event	6/24/24 18:00	6/24/24 18:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1912				47.62 hours	Well temporarily taken due to 118 construction.	X 113: Inspection and Maintenance	6/26/2024	X Manual
X Startup Event	6/26/24 09:19	6/26/24 09:21	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW181				47.53 hours	Well temporarily taken due to 118 construction.	X 113: Inspection and Maintenance	6/24/2024	X Manual
Startup Event	6/24/24 18:00	6/24/24 18:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW181				39.07 hours	Well temporarily taken due to 118 construction.	X 113: Inspection and Maintenance	6/26/2024	X Manual
X Startup Event	6/26/24 17:37	6/26/24 17:39	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1602				135.00 hours	As of July 1, 2024, well is decommissioned and to be replaced.	X 113: Inspection and Maintenance	6/25/2024	X Manual
Startup Event	6/24/24 18:00	6/24/24 18:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1602				106.00 hours	As of July 1, 2024, well is decommissioned and to be replaced.	X 113: Inspection and Maintenance	6/26/2024	X Manual
X Startup Event	6/26/24 17:32	6/26/24 17:34	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2106				106.00 hours	As of July 1, 2024, well is decommissioned and to be replaced.	X 113: Inspection and Maintenance	6/26/2024	X Manual
Startup Event	6/24/24 18:00	6/24/24 18:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2106				106.00 hours	As of July 1, 2024, well is decommissioned and to be replaced.	X 113: Inspection and Maintenance	6/26/2024	X Manual
X Startup Event	6/26/24 09:04	6/26/24 09:06	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1809				106.00 hours	As of July 1, 2024, well is decommissioned and to be replaced.	X 113: Inspection and Maintenance	6/25/2024	X Manual
Startup Event	6/25/24 09:00	6/25/24 09:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1612				106.00 hours	As of July 1, 2024, well is decommissioned and to be replaced.	X 113: Inspection and Maintenance	6/26/2024	X Manual
Startup Event	6/26/24 14:00	6/26/24 14:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number:				106.00 hours	As of July 1, 2024, well is decommissioned and to be replaced.	X 113: Inspection and Maintenance	6/26/2024	X Manual
Startup Event						116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OXEW1913				106.00 hours	As of July 1, 2024, well is decommissioned and to be replaced.	X 113: Inspection and Maintenance	6/26/2024	X Manual
Startup Event	6/26/24 14:00	6/26/24 14:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number:						113: Inspection and Maintenance		X Manual
Startup Event						116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1914				106.00 hours	As of July 1, 2024, well is decommissioned and to be replaced.	X 113: Inspection and Maintenance	6/26/2024	X Manual
Startup Event	6/26/24 14:00	6/26/24 14:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number:						113: Inspection and Maintenance		X Manual
Startup Event						116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1901				1.33 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/26/2024	X Manual
Startup Event	6/26/24 05:20	6/26/24 05:22	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1901						X 113: Inspection and Maintenance	6/26/2024	X Manual
X Startup Event	6/26/24 06:40	6/26/24 06:42	0.03		116: Well Raising			
Shutdown Event					117: Gas Collection			
Malfunction Event					118: Construction Activities			
Well ID Number: OXMEW204				1.00 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/26/2024	X Manual
Startup Event	6/26/24 07:00	6/26/24 07:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW204						X 113: Inspection and Maintenance	6/26/2024	X Manual
X Startup Event	6/26/24 08:00	6/26/24 08:02	0.03		116: Well Raising			
Shutdown Event					117: Gas Collection			
Malfunction Event					118: Construction Activities			
Well ID Number: OXMEW145				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/26/2024	X Manual
Startup Event	6/26/24 08:20	6/26/24 08:22	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW145						X 113: Inspection and Maintenance	6/26/2024	X Manual
X Startup Event	6/26/24 09:10	6/26/24 09:12	0.03		116: Well Raising			
Shutdown Event					117: Gas Collection			
Malfunction Event					118: Construction Activities			
Well ID Number: OXEW1827				0.50 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/26/2024	X Manual
Startup Event	6/26/24 09:30	6/26/24 09:32	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1827						X 113: Inspection and Maintenance	6/26/2024	X Manual
X Startup Event	6/26/24 10:00	6/26/24 10:02	0.03		116: Well Raising			
Shutdown Event					117: Gas Collection			
Malfunction Event					118: Construction Activities			

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Well ID Number: OXMEW307				1.17 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/26/2024	X Manual	
Startup Event	6/26/24 10:30	6/26/24 10:32	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXMEW307				0.92 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/26/2024	X Manual	
X Startup Event	6/26/24 11:40	6/26/24 11:42	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1826				0.92 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/26/2024	X Manual	
Startup Event	6/26/24 12:05	6/26/24 12:07	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1826				0.92 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	6/26/2024	X Manual	
X Startup Event	6/26/24 13:00	6/26/24 13:02	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1812				472.00 hours	As of July 12, 2024, well is decommissioned and to be replaced.	X 113: Inspection and Maintenance	7/12/2024	X Manual	
Startup Event	7/12/24 08:00	7/12/24 08:02	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number:				472.00 hours	As of July 12, 2024, well is decommissioned and to be replaced.	113: Inspection and Maintenance		X Manual	
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS09				1.00 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	7/18/2024	X Manual	
Startup Event	7/18/24 06:00	7/18/24 06:02	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS09				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	7/18/2024	X Manual	
X Startup Event	7/18/24 07:00	7/18/24 07:02	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS13				0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	7/18/2024	X Manual	
Startup Event	7/18/24 07:10	7/18/24 07:12	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OMTLTS13				1.08 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	7/18/2024	X Manual	
X Startup Event	7/18/24 08:00	7/18/24 08:02	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2029				1.08 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	7/18/2024	X Manual	
Startup Event	7/18/24 08:15	7/18/24 08:17	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2029				1.08 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	7/18/2024	X Manual	
X Startup Event	7/18/24 09:20	7/18/24 09:22	0.03			116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Well ID Number: OXEW2002						X 113: Inspection and Maintenance			
Startup Event						116: Well Raising	8/1/2024	X Manual	
X Shutdown Event	8/01/24 07:00	8/01/24 07:02	0.03	0.67 hours	Well temporarily taken offline for maintenance.	117: Gas Collection			
Malfunction Event						118: Construction Activities			Automatic
Well ID Number: OXEW2002							X 113: Inspection and Maintenance	8/1/2024	X Manual
X Startup Event	8/01/24 07:40	8/01/24 07:42	0.03			116: Well Raising			
Shutdown Event					117: Gas Collection			Automatic	
Malfunction Event					118: Construction Activities				
Well ID Number: OXEW1620						X 113: Inspection and Maintenance	8/1/2024	X Manual	
Startup Event	8/01/24 08:10	8/01/24 08:12	0.03	1.00 hours	Well temporarily taken offline for maintenance.	116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1620							X 113: Inspection and Maintenance	8/1/2024	X Manual
X Startup Event	8/01/24 09:10	8/01/24 09:12	0.03		116: Well Raising			Automatic	
Shutdown Event					117: Gas Collection				
Malfunction Event					118: Construction Activities				
Well ID Number: OXEW2010						X 113: Inspection and Maintenance	8/20/2024	X Manual	
Startup Event	8/20/24 06:15	8/20/24 06:17	0.03	0.75 hours	Well temporarily taken offline for maintenance.	116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2010							X 113: Inspection and Maintenance	8/20/2024	X Manual
X Startup Event	8/20/24 07:00	8/20/24 07:02	0.03		116: Well Raising			Automatic	
Shutdown Event					117: Gas Collection				
Malfunction Event					118: Construction Activities				
Well ID Number: OXEW1917						X 113: Inspection and Maintenance	8/20/2024	X Manual	
Startup Event	8/20/24 07:10	8/20/24 07:12	0.03	0.67 hours	Well temporarily taken offline for maintenance.	116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW1917							X 113: Inspection and Maintenance	8/20/2024	X Manual
X Startup Event	8/20/24 07:50	8/20/24 07:52	0.03		116: Well Raising			Automatic	
Shutdown Event					117: Gas Collection				
Malfunction Event					118: Construction Activities				
Well ID Number: OXMEW307						X 113: Inspection and Maintenance	8/20/2024	X Manual	
Startup Event	8/20/24 08:10	8/20/24 08:12	0.03	0.83 hours	Well temporarily taken offline for maintenance.	116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXMEW307							X 113: Inspection and Maintenance	8/20/2024	X Manual
X Startup Event	8/20/24 09:00	8/20/24 09:02	0.03		116: Well Raising			Automatic	
Shutdown Event					117: Gas Collection				
Malfunction Event					118: Construction Activities				
Well ID Number: OXEW2021						X 113: Inspection and Maintenance	8/20/2024	X Manual	
Startup Event	8/20/24 09:15	8/20/24 09:17	0.03	0.75 hours	Well temporarily taken offline for maintenance.	116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2021							X 113: Inspection and Maintenance	8/20/2024	X Manual
X Startup Event	8/20/24 10:00	8/20/24 10:02	0.03		116: Well Raising			Automatic	
Shutdown Event					117: Gas Collection				
Malfunction Event					118: Construction Activities				

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OXEW2009						X 113: Inspection and Maintenance		
Startup Event						116: Well Raising	8/21/2024	X Manual
X Shutdown Event	8/21/24 07:20	8/21/24 07:22	0.03	0.67 hours	Well temporarily taken offline for maintenance.	117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2009						X 113: Inspection and Maintenance		
X Startup Event	8/21/24 08:00	8/21/24 08:02	0.03			116: Well Raising	8/21/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Well ID Number: OXEW1811						X 113: Inspection and Maintenance		
Startup Event	8/23/24 06:00	8/23/24 06:02	0.03	0.83 hours	Well temporarily taken offline for maintenance.	116: Well Raising	8/23/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1811						X 113: Inspection and Maintenance		
X Startup Event	8/23/24 06:50	8/23/24 06:52	0.03			116: Well Raising	8/23/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Well ID Number: OMTLTS17						X 113: Inspection and Maintenance		
Startup Event	8/23/24 07:10	8/23/24 07:12	0.03	0.83 hours	Well temporarily taken offline for maintenance.	116: Well Raising	8/23/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OMTLTS17						X 113: Inspection and Maintenance		
X Startup Event	8/23/24 08:00	8/23/24 08:02	0.03			116: Well Raising	8/23/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Well ID Number: OXMEW185						X 113: Inspection and Maintenance		
Startup Event	8/23/24 08:15	8/23/24 08:17	0.03	0.75 hours	Well temporarily taken offline for maintenance.	116: Well Raising	8/23/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW185						X 113: Inspection and Maintenance		
X Startup Event	8/23/24 09:00	8/23/24 09:02	0.03			116: Well Raising	8/23/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Well ID Number: OMTLTS01						X 113: Inspection and Maintenance		
Startup Event	8/26/24 06:00	8/26/24 06:02	0.03	0.50 hours	Well temporarily taken offline for maintenance.	116: Well Raising	8/26/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OMTLTS01						X 113: Inspection and Maintenance		
X Startup Event	8/26/24 06:30	8/26/24 06:32	0.03			116: Well Raising	8/26/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Well ID Number: OMTLTS06						X 113: Inspection and Maintenance		
Startup Event	8/26/24 06:40	8/26/24 06:42	0.03	0.50 hours	Well temporarily taken offline for maintenance.	116: Well Raising	8/26/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OMTLTS06						X 113: Inspection and Maintenance		
X Startup Event	8/26/24 07:10	8/26/24 07:12	0.03			116: Well Raising	8/26/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OMTLTS08				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	8/26/2024	X Manual
Startup Event	8/26/24 07:20	8/26/24 07:22	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OMTLTS08				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	8/26/2024	X Manual
X Startup Event	8/26/24 08:00	8/26/24 08:02	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2027				0.67 hours	Well decommissioned.	113: Inspection and Maintenance	8/26/2024	X Manual
Startup Event	8/26/24 08:50	8/26/24 08:52	0.03			116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number:				0.67 hours	Well decommissioned.	113: Inspection and Maintenance	8/26/2024	X Manual
Startup Event						116: Well Raising		
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2028				0.67 hours	Well decommissioned.	113: Inspection and Maintenance	8/26/2024	X Manual
Startup Event	8/26/24 09:05	8/26/24 09:07	0.03			116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number:				0.75 hours	Well temporarily taken offline for maintenance.	113: Inspection and Maintenance	8/27/2024	X Manual
Startup Event	8/27/24 06:15	8/27/24 06:17	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2020				0.75 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	8/27/2024	X Manual
Startup Event	8/27/24 07:00	8/27/24 07:02	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1806				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	8/27/2024	X Manual
Startup Event	8/27/24 07:30	8/27/24 07:32	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1806				0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	8/27/2024	X Manual
X Startup Event	8/27/24 08:10	8/27/24 08:12	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1717				20.00 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	8/27/2024	X Manual
Startup Event	8/27/24 11:30	8/27/24 11:32	0.03			116: Well Raising		
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1717				20.00 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	8/28/2024	X Manual
X Startup Event	8/28/24 07:30	8/28/24 07:32	0.03			116: Well Raising		
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Well ID Number: OXEW1920						X 113: Inspection and Maintenance		
Startup Event						116: Well Raising	8/28/2024	X Manual
X Shutdown Event	8/28/24 08:00	8/28/24 08:02	0.03	0.50 hours	Well temporarily taken offline for maintenance.	117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1920						X 113: Inspection and Maintenance		
X Startup Event	8/28/24 08:30	8/28/24 08:32	0.03			116: Well Raising	8/28/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Well ID Number: OXEW2007						X 113: Inspection and Maintenance		
Startup Event	8/28/24 08:45	8/28/24 08:47	0.03	0.58 hours	Well temporarily taken offline for maintenance.	116: Well Raising	8/28/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2007						X 113: Inspection and Maintenance		
X Startup Event	8/28/24 09:20	8/28/24 09:22	0.03			116: Well Raising	8/28/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Well ID Number: OXEW1902						X 113: Inspection and Maintenance		
Startup Event	8/29/24 06:30	8/29/24 06:32	0.03	0.50 hours	Well temporarily taken offline for maintenance.	116: Well Raising	8/29/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1902						X 113: Inspection and Maintenance		
X Startup Event	8/29/24 07:00	8/29/24 07:02	0.03			116: Well Raising	8/29/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Well ID Number: OXEW1904						X 113: Inspection and Maintenance		
Startup Event	8/29/24 07:15	8/29/24 07:17	0.03	0.58 hours	Well temporarily taken offline for maintenance.	116: Well Raising	8/29/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1904						X 113: Inspection and Maintenance		
X Startup Event	8/29/24 07:50	8/29/24 07:52	0.03			116: Well Raising	8/29/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Well ID Number: OXMEW189						X 113: Inspection and Maintenance		
Startup Event	8/30/24 06:30	8/30/24 06:32	0.03	0.75 hours	Well temporarily taken offline for maintenance.	116: Well Raising	8/30/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW189						X 113: Inspection and Maintenance		
X Startup Event	8/30/24 07:15	8/30/24 07:17	0.03			116: Well Raising	8/30/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Well ID Number: OXMEW188						X 113: Inspection and Maintenance		
Startup Event	8/30/24 07:30	8/30/24 07:32	0.03	0.67 hours	Well temporarily taken offline for maintenance.	116: Well Raising	8/30/2024	X Manual
X Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		
Well ID Number: OXMEW188						X 113: Inspection and Maintenance		
X Startup Event	8/30/24 08:10	8/30/24 08:12	0.03			116: Well Raising	8/30/2024	X Manual
Shutdown Event						117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California											
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024											
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)			
Well ID Number: OXEW1921	8/30/24 08:30	8/30/24 08:32	0.03	0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	8/30/2024	X	Manual		
Startup Event						116: Well Raising					
X Shutdown Event						117: Gas Collection					
Malfunction Event						118: Construction Activities					
Well ID Number: OXEW1921	8/30/24 09:10	8/30/24 09:12	0.03			0.67 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	8/30/2024	X	Manual
Startup Event								116: Well Raising			
Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXEW1619	9/04/24 06:30	9/04/24 06:32	0.03	0.83 hours	Well temporarily taken offline for maintenance.			X 113: Inspection and Maintenance	9/4/2024	X	Manual
Startup Event								116: Well Raising			
X Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXEW1619	9/04/24 07:20	9/04/24 07:22	0.03			0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	9/4/2024	X	Manual
Startup Event								116: Well Raising			
Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXMEW203	9/04/24 07:30	9/04/24 07:32	0.03	0.50 hours	Well temporarily taken offline for maintenance.			X 113: Inspection and Maintenance	9/4/2024	X	Manual
Startup Event								116: Well Raising			
X Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXMEW203	9/04/24 08:00	9/04/24 08:02	0.03			0.50 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	9/4/2024	X	Manual
Startup Event								116: Well Raising			
Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXMEW187	9/04/24 08:20	9/04/24 08:22	0.03	0.83 hours	Well temporarily taken offline for maintenance.			X 113: Inspection and Maintenance	9/4/2024	X	Manual
Startup Event								116: Well Raising			
X Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXMEW187	9/04/24 09:10	9/04/24 09:12	0.03			0.83 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	9/4/2024	X	Manual
Startup Event								116: Well Raising			
Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXEW1616	9/05/24 07:07	9/05/24 07:09	0.03		Well decommissioned and abandoned as part of the ongoing 118 construction for the overliner installation.			113: Inspection and Maintenance	9/5/2024	X	Manual
Startup Event								116: Well Raising			
X Shutdown Event								X 117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number:							Well decommissioned and abandoned as part of the ongoing 118 construction for the overliner installation.	113: Inspection and Maintenance			Manual
Startup Event								116: Well Raising			
Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number: OXEW2406	9/11/24 08:49	9/11/24 08:51	0.03		Well started up.			113: Inspection and Maintenance	9/11/2024	X	Manual
Startup Event								116: Well Raising			
Shutdown Event								X 117: Gas Collection			
Malfunction Event								118: Construction Activities			
Well ID Number:							Well started up.	113: Inspection and Maintenance			Manual
Startup Event								116: Well Raising			
Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Well ID Number: OXEW2404	9/11/24 09:20	9/11/24 09:22	0.03		Well started up.	113: Inspection and Maintenance	9/11/2024	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number:						113: Inspection and Maintenance		Manual	
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		Automatic	
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2401	9/11/24 10:20	9/11/24 10:22	0.03		Well started up.	113: Inspection and Maintenance	9/11/2024	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number:						113: Inspection and Maintenance		Manual	
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		Automatic	
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2405	9/11/24 10:39	9/11/24 10:41	0.03		Well started up.	113: Inspection and Maintenance	9/11/2024	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number:						113: Inspection and Maintenance		Manual	
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		Automatic	
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2402	9/11/24 10:49	9/11/24 10:51	0.03		Well started up.	113: Inspection and Maintenance	9/11/2024	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number:						113: Inspection and Maintenance		Manual	
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		Automatic	
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2403	9/11/24 11:11	9/11/24 11:13	0.03		Well started up.	113: Inspection and Maintenance	9/11/2024	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Well ID Number:						113: Inspection and Maintenance		Manual	
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		Automatic	
Malfunction Event						118: Construction Activities			

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

**AFFECTED EQUIPMENT: Wellfield**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Well & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Well ID Number: OXSS2216	9/11/24 11:30	9/11/24 11:32	0.03		Well decommissioned as part of the ongoing 118 construction for the overliner installation.	113: Inspection and Maintenance	9/11/2024	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection			
Malfunction Event						118: Construction Activities			
Well ID Number:						113: Inspection and Maintenance			Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2112	9/12/24 07:30	9/12/24 07:32	0.03	119.00 hours	Well temporarily taken offline for maintenance.	X 113: Inspection and Maintenance	9/12/2024	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Well ID Number: OXEW2112	9/17/24 06:30	9/17/24 06:32	0.03			X 113: Inspection and Maintenance	9/17/2024	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection			
Malfunction Event						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, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare						113: Inspection and Maintenance		Manual		
Startup Event						116: Well Raising				
X Shutdown Event	4/01/24 09:28	4/01/24 09:30	0.03	0.20 hours	Flare shut down due to low temperature.	X 117: Gas Collection	4/1/2024	X Automatic		
Malfunction Event						118: Construction Activities				
Component: A-7 Flare								113: Inspection and Maintenance		X Manual
X Startup Event	4/01/24 09:40	4/01/24 09:42	0.03			116: Well Raising				
Shutdown Event						X 117: Gas Collection	4/1/2024	Automatic		
Malfunction Event						118: Construction Activities				
Component: A-7 Flare						113: Inspection and Maintenance		Manual		
Startup Event	4/02/24 18:50	4/02/24 18:52	0.03	1.07 hours	Flare shut down due to flame failure.	116: Well Raising	4/2/2024			
Shutdown Event						X 117: Gas Collection			X Automatic	
X Malfunction Event						118: Construction Activities				
Component: A-7 Flare								113: Inspection and Maintenance		X Manual
X Startup Event	4/02/24 19:54	4/02/24 19:56	0.03			116: Well Raising	4/2/2024			
Shutdown Event						X 117: Gas Collection		Automatic		
Malfunction Event						118: Construction Activities				
Component: A-7 Flare						113: Inspection and Maintenance		Manual		
Startup Event	4/03/24 13:40	4/03/24 13:42	0.03	0.13 hours	Flare shut down due to low temperature.	116: Well Raising	4/3/2024			
X Shutdown Event						X 117: Gas Collection			X Automatic	
Malfunction Event						118: Construction Activities				
Component: A-7 Flare								113: Inspection and Maintenance		Manual
X Startup Event	4/03/24 13:48	4/03/24 13:50	0.03			116: Well Raising	4/3/2024			
Shutdown Event						X 117: Gas Collection		X Automatic		
Malfunction Event						118: Construction Activities				
Component: A-7 Flare						113: Inspection and Maintenance		Manual		
Startup Event	4/04/24 01:08	4/04/24 01:10	0.03	6.07 hours	Flare shut down due to high temperature.	116: Well Raising	4/4/2024			
X Shutdown Event						X 117: Gas Collection			X Automatic	
Malfunction Event						118: Construction Activities				
Component: A-7 Flare								113: Inspection and Maintenance		Manual
X Startup Event	4/04/24 07:12	4/04/24 07:14	0.03			116: Well Raising	4/4/2024			
Shutdown Event						X 117: Gas Collection		Automatic		
Malfunction Event						118: Construction Activities				
Component: A-7 Flare						113: Inspection and Maintenance		Manual		
Startup Event	4/04/24 14:46	4/04/24 14:48	0.03	0.70 hours	Flare shut down due to high temperature.	116: Well Raising	4/4/2024			
X Shutdown Event						X 117: Gas Collection			X Automatic	
Malfunction Event						118: Construction Activities				
Component: A-7 Flare								113: Inspection and Maintenance		X Manual
X Startup Event	4/04/24 15:28	4/04/24 15:30	0.03			116: Well Raising	4/4/2024			
Shutdown Event						X 117: Gas Collection		Automatic		
Malfunction Event						118: Construction Activities				
Component: A-7 Flare						113: Inspection and Maintenance		Manual		
Startup Event	4/08/24 05:50	4/08/24 05:52	0.03	0.97 hours	Flare shut down due to high temperature.	116: Well Raising	4/8/2024			
X Shutdown Event						X 117: Gas Collection			X Automatic	
Malfunction Event						118: Construction Activities				
Component: A-7 Flare								113: Inspection and Maintenance		X Manual
X Startup Event	4/08/24 06:48	4/08/24 06:50	0.03			116: Well Raising	4/8/2024			
Shutdown Event						X 117: Gas Collection		Automatic		
Malfunction Event						118: Construction Activities				

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	4/08/24 07:42	4/08/24 07:44	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	4/8/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	4/08/24 07:54	4/08/24 07:56	0.03			113: Inspection and Maintenance	4/8/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	4/09/24 16:40	4/09/24 16:42	0.03	0.93 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	4/9/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	4/09/24 17:36	4/09/24 17:38	0.03			113: Inspection and Maintenance	4/9/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	4/16/24 11:28	4/16/24 11:30	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	4/16/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	4/16/24 11:38	4/16/24 11:40	0.03			113: Inspection and Maintenance	4/16/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	4/19/24 01:06	4/19/24 01:08	0.03	5.50 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	4/19/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	4/19/24 06:36	4/19/24 06:38	0.03			113: Inspection and Maintenance	4/19/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	4/19/24 07:10	4/19/24 07:12	0.03	0.13 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	4/19/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	4/19/24 07:18	4/19/24 07:20	0.03			113: Inspection and Maintenance	4/19/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	4/24/24 08:28	4/24/24 08:30	0.03	0.13 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	4/24/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	4/24/24 08:36	4/24/24 08:38	0.03			113: Inspection and Maintenance	4/24/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						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, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	4/24/24 09:46	4/24/24 09:48	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	4/24/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	4/24/24 09:58	4/24/24 10:00	0.03			113: Inspection and Maintenance	4/24/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	4/27/24 15:52	4/27/24 15:54	0.03	1.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	4/27/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	4/27/24 16:58	4/27/24 17:00	0.03			113: Inspection and Maintenance	4/27/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	5/06/24 09:48	5/06/24 09:50	0.03	0.27 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	5/6/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	5/06/24 10:04	5/06/24 10:06	0.03			113: Inspection and Maintenance	5/6/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	5/06/24 10:30	5/06/24 10:32	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	5/6/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	5/06/24 10:42	5/06/24 10:44	0.03			113: Inspection and Maintenance	5/6/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	5/06/24 14:06	5/06/24 14:08	0.03	0.27 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/6/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	5/06/24 14:22	5/06/24 14:24	0.03			113: Inspection and Maintenance	5/6/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	5/06/24 14:50	5/06/24 14:52	0.03	0.33 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/6/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	5/06/24 15:10	5/06/24 15:12	0.03			113: Inspection and Maintenance	5/6/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	5/06/24 15:50	5/06/24 15:52	0.03	0.53 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/6/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event	118: Construction Activities	5/6/2024	Automatic					
Component: A-7 Flare	5/06/24 16:22					5/06/24 16:24	0.03	113: Inspection and Maintenance
X Startup Event								116: Well Raising
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	5/6/2024	Automatic					
Component: A-7 Flare	5/06/24 16:38			5/06/24 16:40	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	5/6/2024	Automatic					
Component: A-7 Flare	5/06/24 17:20			5/06/24 17:22	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	5/6/2024	Automatic					
Component: A-7 Flare	5/06/24 17:40			5/06/24 17:42	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	5/6/2024	Automatic					
Component: A-7 Flare	5/06/24 17:52			5/06/24 17:54	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	5/6/2024	Automatic					
Component: A-7 Flare	5/06/24 17:58			5/06/24 18:00	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	5/6/2024	Automatic					
Component: A-7 Flare	5/06/24 19:16			5/06/24 19:18	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	5/6/2024	Automatic					
Component: A-7 Flare	5/06/24 19:38			5/06/24 19:40	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	5/7/2024	Automatic					
Component: A-7 Flare	5/07/24 06:52			5/07/24 06:54	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	5/7/2024	Automatic					
Component: A-7 Flare	5/07/24 14:10			5/07/24 14:12	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	5/7/2024	Automatic					
Component: A-7 Flare	5/07/24 14:56			5/07/24 14:58	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	5/7/2024	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, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare	5/08/24 07:34	5/08/24 07:36	0.03	0.27 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/8/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/08/24 07:50	5/08/24 07:52	0.03					113: Inspection and Maintenance	5/8/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/13/24 03:42	5/13/24 03:44	0.03	3.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/13/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/13/24 07:10	5/13/24 07:12	0.03					113: Inspection and Maintenance	5/13/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/13/24 21:04	5/13/24 21:06	0.03	9.63 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/13/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/14/24 06:42	5/14/24 06:44	0.03					113: Inspection and Maintenance	5/14/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/14/24 19:04	5/14/24 19:06	0.03	0.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/14/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/14/24 20:00	5/14/24 20:02	0.03					113: Inspection and Maintenance	5/14/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/15/24 12:06	5/15/24 12:08	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/15/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/15/24 12:24	5/15/24 12:26	0.03					113: Inspection and Maintenance	5/15/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/15/24 15:32	5/15/24 15:34	0.03	0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/15/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/15/24 15:46	5/15/24 15:48	0.03					113: Inspection and Maintenance	5/15/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare	5/15/24 16:42	5/15/24 16:44	0.03	0.60 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/15/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/15/24 17:18	5/15/24 17:20	0.03					113: Inspection and Maintenance	5/15/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/15/24 20:20	5/15/24 20:22	0.03	9.33 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/15/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/16/24 05:40	5/16/24 05:42	0.03					113: Inspection and Maintenance	5/16/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/16/24 11:06	5/16/24 11:08	0.03	0.53 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/16/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/16/24 11:38	5/16/24 11:40	0.03					113: Inspection and Maintenance	5/16/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/16/24 12:04	5/16/24 12:06	0.03	0.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/16/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/16/24 12:10	5/16/24 12:12	0.03					113: Inspection and Maintenance	5/16/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	5/16/24 12:20	5/16/24 12:22	0.03	0.53 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/16/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/16/24 12:52	5/16/24 12:54	0.03					113: Inspection and Maintenance	5/16/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/16/24 13:22	5/16/24 13:24	0.03	1.00 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/16/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/16/24 14:22	5/16/24 14:24	0.03					113: Inspection and Maintenance	5/16/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	5/16/24 17:10	5/16/24 17:12	0.03	1.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/16/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	5/16/24 18:18	5/16/24 18:20	0.03	11.50 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/16/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	5/16/24 19:26	5/16/24 19:28	0.03	11.50 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/16/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	5/17/24 06:56	5/17/24 06:58	0.03	0.37 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	5/17/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	5/17/24 07:26	5/17/24 07:28	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	5/17/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	5/17/24 07:48	5/17/24 07:50	0.03	20.53 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	5/17/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	5/17/24 11:38	5/17/24 11:40	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	5/17/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	5/17/24 11:50	5/17/24 11:52	0.03	5.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/17/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	5/17/24 19:20	5/17/24 19:22	0.03	5.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/20/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	5/18/24 15:52	5/18/24 15:54	0.03	5.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/18/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	5/20/24 07:44	5/20/24 07:46	0.03	5.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/20/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	5/20/24 13:40	5/20/24 13:42	0.03	5.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/20/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare	5/20/24 14:50	5/20/24 14:52	0.03	0.63 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/20/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/20/24 15:28	5/20/24 15:30	0.03					113: Inspection and Maintenance	5/20/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/20/24 15:48	5/20/24 15:50	0.03	0.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/20/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/20/24 16:16	5/20/24 16:18	0.03					113: Inspection and Maintenance	5/20/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/20/24 16:44	5/20/24 16:46	0.03	0.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/20/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/20/24 17:18	5/20/24 17:20	0.03					113: Inspection and Maintenance	5/20/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/21/24 14:58	5/21/24 15:00	0.03	0.40 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	5/21/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/21/24 15:22	5/21/24 15:24	0.03					113: Inspection and Maintenance	5/21/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/21/24 16:12	5/21/24 16:14	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	5/21/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/21/24 16:24	5/21/24 16:26	0.03					113: Inspection and Maintenance	5/21/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	5/21/24 16:44	5/21/24 16:46	0.03	0.13 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	5/21/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	5/21/24 16:52	5/21/24 16:54	0.03					113: Inspection and Maintenance	5/21/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California														
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024														
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)						
Component: A-7 Flare				0.73 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	5/21/2024	X	Manual					
Startup Event	5/21/24 20:42	5/21/24 20:44	0.03			116: Well Raising								
X Shutdown Event						117: Gas Collection								
Malfunction Event						118: Construction Activities								
Component: A-7 Flare						0.40 hours				Flare shut down due to low temperature.	113: Inspection and Maintenance	5/22/2024	X	Manual
Startup Event	5/22/24 21:26	5/22/24 21:28	0.03								116: Well Raising			
X Shutdown Event				117: Gas Collection										
Malfunction Event				118: Construction Activities										
Component: A-7 Flare				0.40 hours	Flare shut down due to low temperature.		113: Inspection and Maintenance	5/22/2024	X		Automatic			
Startup Event	5/22/24 14:04	5/22/24 14:06	0.03				116: Well Raising							
X Shutdown Event						117: Gas Collection								
Malfunction Event						118: Construction Activities								
Component: A-7 Flare						0.73 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance		5/23/2024	X	Manual
Startup Event	5/22/24 14:28	5/22/24 14:30	0.03							116: Well Raising				
X Shutdown Event				117: Gas Collection										
Malfunction Event				118: Construction Activities										
Component: A-7 Flare				0.73 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	5/23/2024	X	Automatic			
Startup Event	5/23/24 11:24	5/23/24 11:26	0.03					116: Well Raising						
X Shutdown Event						117: Gas Collection								
Malfunction Event						118: Construction Activities								
Component: A-7 Flare						0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance				5/23/2024	X	Manual
Startup Event	5/23/24 12:08	5/23/24 12:10	0.03					116: Well Raising						
X Shutdown Event				117: Gas Collection										
Malfunction Event				118: Construction Activities										
Component: A-7 Flare				0.20 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	5/23/2024	X	Automatic			
Startup Event	5/23/24 12:20	5/23/24 12:22	0.03					116: Well Raising						
X Shutdown Event						117: Gas Collection								
Malfunction Event						118: Construction Activities								
Component: A-7 Flare						0.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance				5/23/2024	X	Manual
Startup Event	5/23/24 12:32	5/23/24 12:34	0.03					116: Well Raising						
X Shutdown Event				117: Gas Collection										
Malfunction Event				118: Construction Activities										
Component: A-7 Flare				0.33 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	5/23/2024	X	Automatic			
Startup Event	5/23/24 12:42	5/23/24 12:44	0.03					116: Well Raising						
X Shutdown Event						117: Gas Collection								
Malfunction Event						118: Construction Activities								
Component: A-7 Flare						3.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance				5/25/2024	X	Manual
Startup Event	5/23/24 13:02	5/23/24 13:04	0.03					116: Well Raising						
X Shutdown Event				117: Gas Collection										
Malfunction Event				118: Construction Activities										
Component: A-7 Flare				3.47 hours	Flare shut down due to flame failure.			113: Inspection and Maintenance	5/25/2024	X	Automatic			
Startup Event	5/25/24 04:18	5/25/24 04:20	0.03					116: Well Raising						
X Shutdown Event						117: Gas Collection								
Malfunction Event						118: Construction Activities								
Component: A-7 Flare						3.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance				5/25/2024	X	Automatic
Startup Event	5/25/24 07:46	5/25/24 07:48	0.03					116: Well Raising						
X Shutdown Event				117: Gas Collection										
Malfunction Event				118: Construction Activities										

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California											
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024											
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)			
Component: A-7 Flare	5/25/24 13:04	5/25/24 13:06	0.03	1.87 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/25/2024	X	Manual		
Startup Event						116: Well Raising					
Shutdown Event						117: Gas Collection					
X Malfunction Event	5/25/24 14:56	5/25/24 14:58	0.03			118: Construction Activities	5/25/2024	X	Manual		
Component: A-7 Flare						113: Inspection and Maintenance					
X Startup Event						116: Well Raising					
Shutdown Event	5/25/24 16:50	5/25/24 16:52	0.03	117: Gas Collection	5/25/2024	X	Automatic				
Component: A-7 Flare				118: Construction Activities							
X Malfunction Event				113: Inspection and Maintenance							
Startup Event	5/25/24 18:56	5/25/24 18:58	0.03	2.10 hours	Flare shut down due to flame failure.	116: Well Raising	5/25/2024	X	Manual		
Shutdown Event						117: Gas Collection					
X Malfunction Event						118: Construction Activities					
Component: A-7 Flare	5/29/24 06:02	5/29/24 06:04	0.03			1.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/29/2024	X	Automatic
Startup Event								116: Well Raising			
Shutdown Event								117: Gas Collection			
X Malfunction Event	5/29/24 07:10	5/29/24 07:12	0.03	118: Construction Activities	5/29/2024			X	Manual		
Component: A-7 Flare				113: Inspection and Maintenance							
X Startup Event				116: Well Raising							
Shutdown Event	5/30/24 00:40	5/30/24 00:42	0.03	8.20 hours	Flare shut down due to flame failure.	117: Gas Collection	5/30/2024	X	Automatic		
Component: A-7 Flare						118: Construction Activities					
X Malfunction Event						113: Inspection and Maintenance					
Startup Event	5/30/24 08:52	5/30/24 08:54	0.03			116: Well Raising	5/30/2024	X	Manual		
Component: A-7 Flare						117: Gas Collection					
X Startup Event						118: Construction Activities					
Shutdown Event	6/01/24 06:48	6/01/24 06:50	0.03	2.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/1/2024	X	Automatic		
Component: A-7 Flare						116: Well Raising					
X Malfunction Event						117: Gas Collection					
Startup Event	6/01/24 09:16	6/01/24 09:18	0.03			118: Construction Activities	6/1/2024	X	Manual		
Component: A-7 Flare						113: Inspection and Maintenance					
X Startup Event						116: Well Raising					
Shutdown Event	6/01/24 15:36	6/01/24 15:38	0.03	1.90 hours	Flare shut down due to flame failure.	117: Gas Collection	6/1/2024	X	Automatic		
Component: A-7 Flare						118: Construction Activities					
X Malfunction Event						113: Inspection and Maintenance					
Startup Event	6/01/24 17:30	6/01/24 17:32	0.03			116: Well Raising	6/1/2024	X	Manual		
Component: A-7 Flare						117: Gas Collection					
X Startup Event						118: Construction Activities					
Shutdown Event											
Malfunction Event											

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California											
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024											
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)			
Component: A-7 Flare	6/01/24 22:34	6/01/24 22:36	0.03	9.80 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/1/2024	X	Manual		
Startup Event						116: Well Raising					
Shutdown Event						117: Gas Collection					
X Malfunction Event							118: Construction Activities			Automatic	
Component: A-7 Flare	6/02/24 08:22	6/02/24 08:24	0.03					113: Inspection and Maintenance	6/2/2024	X	Manual
Startup Event						116: Well Raising					
Shutdown Event						117: Gas Collection					
Malfunction Event							118: Construction Activities			Automatic	
Component: A-7 Flare	6/02/24 08:28	6/02/24 08:30	0.03			1.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/2/2024		Manual
Startup Event								116: Well Raising			
Shutdown Event				X 117: Gas Collection							
X Malfunction Event					118: Construction Activities				X	Automatic	
Component: A-7 Flare	6/02/24 09:36	6/02/24 09:38	0.03					113: Inspection and Maintenance	6/2/2024		Manual
X Startup Event				116: Well Raising							
Shutdown Event				X 117: Gas Collection							
Malfunction Event					118: Construction Activities			Automatic			
Component: A-7 Flare	6/02/24 21:56	6/02/24 21:58	0.03	9.83 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/2/2024		Manual		
Startup Event						116: Well Raising					
Shutdown Event						X 117: Gas Collection					
X Malfunction Event							118: Construction Activities		X	Automatic	
Component: A-7 Flare	6/03/24 07:46	6/03/24 07:48	0.03					113: Inspection and Maintenance	6/3/2024		Manual
X Startup Event						116: Well Raising					
Shutdown Event				X 117: Gas Collection							
Malfunction Event					118: Construction Activities			Automatic			
Component: A-7 Flare	6/03/24 13:28	6/03/24 13:30	0.03	0.17 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/3/2024		Manual		
Startup Event						116: Well Raising					
Shutdown Event						X 117: Gas Collection					
X Malfunction Event							118: Construction Activities		X	Automatic	
Component: A-7 Flare	6/03/24 13:38	6/03/24 13:40	0.03					113: Inspection and Maintenance	6/3/2024		Manual
X Startup Event						116: Well Raising					
Shutdown Event				X 117: Gas Collection							
Malfunction Event					118: Construction Activities			Automatic			
Component: A-7 Flare	6/03/24 17:30	6/03/24 17:32	0.03	1.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/3/2024		Manual		
Startup Event						116: Well Raising					
Shutdown Event						X 117: Gas Collection					
X Malfunction Event							118: Construction Activities		X	Automatic	
Component: A-7 Flare	6/03/24 18:42	6/03/24 18:44	0.03					113: Inspection and Maintenance	6/3/2024		Manual
X Startup Event						116: Well Raising					
Shutdown Event				X 117: Gas Collection							
Malfunction Event					118: Construction Activities			Automatic			
Component: A-7 Flare	6/05/24 11:40	6/05/24 11:42	0.03	0.47 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/5/2024		Manual		
Startup Event						116: Well Raising					
X Shutdown Event						X 117: Gas Collection					
Malfunction Event							118: Construction Activities		X	Automatic	
Component: A-7 Flare	6/05/24 12:08	6/05/24 12:10	0.03					113: Inspection and Maintenance	6/5/2024		Manual
X Startup Event						116: Well Raising					
Shutdown Event				X 117: Gas Collection							
Malfunction Event					118: Construction Activities			Automatic			

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare				0.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/5/2024		Manual
Startup Event	6/05/24 12:36	6/05/24 12:38	0.03			116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event					118: Construction Activities				
Component: A-7 Flare				0.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/5/2024	X	Manual
X Startup Event	6/05/24 12:56	6/05/24 12:58	0.03			116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event					118: Construction Activities				
Component: A-7 Flare				0.43 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/5/2024		Manual
Startup Event	6/05/24 13:12	6/05/24 13:14	0.03			116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event					118: Construction Activities				
Component: A-7 Flare				0.43 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/5/2024	X	Manual
X Startup Event	6/05/24 13:38	6/05/24 13:40	0.03			116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event					118: Construction Activities				
Component: A-7 Flare				0.53 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/5/2024		Manual
Startup Event	6/05/24 13:52	6/05/24 13:54	0.03			116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event					118: Construction Activities				
Component: A-7 Flare				0.53 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/5/2024	X	Manual
X Startup Event	6/05/24 14:24	6/05/24 14:26	0.03			116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event					118: Construction Activities				
Component: A-7 Flare				0.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/7/2024		Manual
Startup Event	6/07/24 09:22	6/07/24 09:24	0.03			116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event					118: Construction Activities				
Component: A-7 Flare				0.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/7/2024	X	Manual
X Startup Event	6/07/24 09:56	6/07/24 09:58	0.03			116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event					118: Construction Activities				
Component: A-7 Flare				11.00 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/7/2024		Manual
Startup Event	6/07/24 19:52	6/07/24 19:54	0.03			116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event					118: Construction Activities				
Component: A-7 Flare				0.33 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/8/2024	X	Manual
X Startup Event	6/08/24 06:52	6/08/24 06:54	0.03			116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event					118: Construction Activities				
Component: A-7 Flare				0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/8/2024		Manual
Startup Event	6/08/24 10:14	6/08/24 10:16	0.03			116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event					118: Construction Activities				
Component: A-7 Flare				0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/8/2024	X	Manual
X Startup Event	6/08/24 10:28	6/08/24 10:30	0.03			116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event					118: Construction Activities				

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	6/08/24 12:06	6/08/24 12:08	0.03	1.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/8/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event	118: Construction Activities	6/8/2024	Automatic					
Component: A-7 Flare	6/08/24 13:34					6/08/24 13:36	0.03	113: Inspection and Maintenance
X Startup Event								116: Well Raising
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	6/8/2024	Automatic					
Component: A-7 Flare	6/08/24 16:04			6/08/24 16:06	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	6/8/2024	Automatic					
Component: A-7 Flare	6/08/24 20:16			6/08/24 20:18	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	6/8/2024	Automatic					
Component: A-7 Flare	6/09/24 14:00			6/09/24 14:02	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	6/9/2024	Automatic					
Component: A-7 Flare	6/09/24 16:58			6/09/24 17:00	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	6/9/2024	Automatic					
Component: A-7 Flare	6/09/24 22:08			6/09/24 22:10	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	6/9/2024	Automatic					
Component: A-7 Flare	6/10/24 06:44			6/10/24 06:46	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	6/10/2024	Automatic					
Component: A-7 Flare	6/10/24 22:48			6/10/24 22:50	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	6/10/2024	Automatic					
Component: A-7 Flare	6/11/24 05:18			6/11/24 05:20	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	6/11/2024	Automatic					
Component: A-7 Flare	6/11/24 22:26			6/11/24 22:28	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	6/11/2024	Automatic					
Component: A-7 Flare	6/12/24 05:18			6/12/24 05:20	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	6/12/2024	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, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	6/12/24 12:28	6/12/24 12:30	0.03	0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/12/24 12:42	6/12/24 12:44	0.03	0.37 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	6/12/24 13:24	6/12/24 13:26	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/12/24 13:46	6/12/24 13:48	0.03	0.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	6/12/24 14:48	6/12/24 14:50	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/12/24 15:06	6/12/24 15:08	0.03	0.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	6/12/24 15:20	6/12/24 15:22	0.03	0.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/12/24 15:44	6/12/24 15:46	0.03	1.77 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	6/12/24 16:00	6/12/24 16:02	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/12/24 17:46	6/12/24 17:48	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	6/12/24 18:36	6/12/24 18:38	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/12/24 18:54	6/12/24 18:56	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	6/12/24 21:08	6/12/24 21:10	0.03	8.33 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/12/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/13/24 05:28	6/13/24 05:30	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/13/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	6/13/24 05:34	6/13/24 05:36	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/13/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/13/24 05:40	6/13/24 05:42	0.03	1.47 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/13/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/13/24 05:46	6/13/24 05:48	0.03	1.47 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/13/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/13/24 07:14	6/13/24 07:16	0.03	3.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/13/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	6/14/24 02:12	6/14/24 02:14	0.03	0.13 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/14/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/14/24 05:36	6/14/24 05:38	0.03	0.13 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/14/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/14/24 11:10	6/14/24 11:12	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/14/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/14/24 11:18	6/14/24 11:20	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/14/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/14/24 12:22	6/14/24 12:24	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/14/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	6/14/24 12:32	6/14/24 12:34	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/14/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						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, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare	6/16/24 15:56	6/16/24 15:58	0.03	0.80 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/16/2024	Manual	
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection			
Malfunction Event	118: Construction Activities	6/16/2024	X			Automatic			
Component: A-7 Flare	6/16/24 16:44						6/16/24 16:46	0.03	113: Inspection and Maintenance
X Startup Event									116: Well Raising
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024		Manual					
Component: A-7 Flare	6/18/24 09:36				6/18/24 09:38	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024		X	Automatic				
Component: A-7 Flare	6/18/24 09:54					6/18/24 09:56	0.03	113: Inspection and Maintenance	
X Startup Event								116: Well Raising	
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024		X	Automatic				
Component: A-7 Flare	6/18/24 10:02					6/18/24 10:04	0.03	113: Inspection and Maintenance	
Startup Event								116: Well Raising	
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024		X	Automatic				
Component: A-7 Flare	6/18/24 10:06					6/18/24 10:08	0.03	113: Inspection and Maintenance	
X Startup Event								116: Well Raising	
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024		X	Automatic				
Component: A-7 Flare	6/18/24 10:24					6/18/24 10:26	0.03	113: Inspection and Maintenance	
Startup Event								116: Well Raising	
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024		X	Automatic				
Component: A-7 Flare	6/18/24 10:28					6/18/24 10:30	0.03	113: Inspection and Maintenance	
X Startup Event								116: Well Raising	
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024		X	Automatic				
Component: A-7 Flare	6/18/24 10:34					6/18/24 10:36	0.03	113: Inspection and Maintenance	
Startup Event								116: Well Raising	
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024		X	Automatic				
Component: A-7 Flare	6/18/24 10:40					6/18/24 10:42	0.03	113: Inspection and Maintenance	
X Startup Event								116: Well Raising	
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024		X	Automatic				
Component: A-7 Flare	6/18/24 10:52					6/18/24 10:54	0.03	113: Inspection and Maintenance	
Startup Event								116: Well Raising	
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024		X	Automatic				
Component: A-7 Flare	6/18/24 10:58					6/18/24 11:00	0.03	113: Inspection and Maintenance	
X Startup Event								116: Well Raising	
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities								

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare	6/18/24 13:04	6/18/24 13:06	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/18/2024	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection			
Malfunction Event	118: Construction Activities	6/18/2024	X			Manual			
Component: A-7 Flare	6/18/24 13:16						6/18/24 13:18	0.03	113: Inspection and Maintenance
X Startup Event									116: Well Raising
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024	X	Automatic					
Component: A-7 Flare	6/18/24 14:34				6/18/24 14:36	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024	X	Automatic					
Component: A-7 Flare	6/18/24 14:40				6/18/24 14:42	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/18/2024	X	Automatic					
Component: A-7 Flare	6/19/24 18:38				6/19/24 18:40	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/19/2024	X	Automatic					
Component: A-7 Flare	6/19/24 19:28				6/19/24 19:30	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/19/2024	X	Automatic					
Component: A-7 Flare	6/19/24 20:16				6/19/24 20:18	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/19/2024	X	Automatic					
Component: A-7 Flare	6/19/24 20:20				6/19/24 20:22	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/19/2024	X	Automatic					
Component: A-7 Flare	6/19/24 20:22				6/19/24 20:24	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/19/2024	X	Automatic					
Component: A-7 Flare	6/19/24 20:34				6/19/24 20:36	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/19/2024	X	Automatic					
Component: A-7 Flare	6/19/24 22:26				6/19/24 22:28	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/20/2024	X	Automatic					
Component: A-7 Flare	6/20/24 05:16				6/20/24 05:18	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/20/2024	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, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare	6/20/24 06:22	6/20/24 06:24	0.03	0.63 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/20/2024	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection			
Malfunction Event	118: Construction Activities	6/20/2024	X			Manual			
Component: A-7 Flare	6/20/24 07:00						6/20/24 07:02	0.03	113: Inspection and Maintenance
X Startup Event									116: Well Raising
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/20/2024	X	Manual					
Component: A-7 Flare	6/20/24 11:40				6/20/24 11:42	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/20/2024	X	Manual					
Component: A-7 Flare	6/20/24 12:12				6/20/24 12:14	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/20/2024	X	Manual					
Component: A-7 Flare	6/26/24 08:00				6/26/24 08:02	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/26/2024	X	Manual					
Component: A-7 Flare	6/26/24 08:06				6/26/24 08:08	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/26/2024	X	Manual					
Component: A-7 Flare	6/27/24 09:28				6/27/24 09:30	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/27/2024	X	Manual					
Component: A-7 Flare	6/27/24 10:48				6/27/24 10:50	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/27/2024	X	Manual					
Component: A-7 Flare	6/27/24 11:08				6/27/24 11:10	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	6/27/2024	X	Manual					
Component: A-7 Flare	6/27/24 11:22				6/27/24 11:24	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	7/1/2024	X	Manual					
Component: A-7 Flare	7/01/24 14:38				7/01/24 14:40	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	7/1/2024	X	Manual					
Component: A-7 Flare	7/01/24 15:32				7/01/24 15:34	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	7/1/2024	X	Manual					

**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, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare	7/02/24 07:52	7/02/24 07:54	0.03	1.50 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/2/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/02/24 09:22	7/02/24 09:24	0.03					113: Inspection and Maintenance	7/2/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	7/08/24 08:10	7/08/24 08:12	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/8/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/08/24 08:28	7/08/24 08:30	0.03					113: Inspection and Maintenance	7/8/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	7/08/24 08:30	7/08/24 08:32	0.03	0.73 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/8/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/08/24 09:14	7/08/24 09:16	0.03					113: Inspection and Maintenance	7/8/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	7/08/24 09:18	7/08/24 09:20	0.03	0.87 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/8/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/08/24 10:10	7/08/24 10:12	0.03					113: Inspection and Maintenance	7/8/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	7/08/24 10:14	7/08/24 10:16	0.03	0.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/8/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/08/24 10:42	7/08/24 10:44	0.03					113: Inspection and Maintenance	7/8/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	7/08/24 11:02	7/08/24 11:04	0.03	0.27 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/8/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/08/24 11:18	7/08/24 11:20	0.03					113: Inspection and Maintenance	7/8/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare	7/08/24 11:40	7/08/24 11:42	0.03	2.63 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/8/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/08/24 14:18	7/08/24 14:20	0.03					113: Inspection and Maintenance	7/8/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
Malfunction Event							118: Construction Activities		Automatic	
Component: A-7 Flare	7/08/24 14:58	7/08/24 15:00	0.03			0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/8/2024	Manual
Startup Event								116: Well Raising		
Shutdown Event				X 117: Gas Collection						
X Malfunction Event				118: Construction Activities				X Automatic		
Component: A-7 Flare	7/08/24 15:16	7/08/24 15:18	0.03					113: Inspection and Maintenance	7/8/2024	Manual
Startup Event				116: Well Raising						
Shutdown Event				X 117: Gas Collection						
Malfunction Event					118: Construction Activities		Automatic			
Component: A-7 Flare	7/08/24 17:16	7/08/24 17:18	0.03	13.37 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/8/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	7/09/24 06:38	7/09/24 06:40	0.03					113: Inspection and Maintenance	7/9/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event					118: Construction Activities		Automatic			
Component: A-7 Flare	7/09/24 07:24	7/09/24 07:26	0.03	6.03 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/9/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	7/09/24 13:26	7/09/24 13:28	0.03					113: Inspection and Maintenance	7/9/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event					118: Construction Activities		Automatic			
Component: A-7 Flare	7/09/24 15:56	7/09/24 15:58	0.03	14.83 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/9/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	7/10/24 06:46	7/10/24 06:48	0.03					113: Inspection and Maintenance	7/10/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event					118: Construction Activities		Automatic			
Component: A-7 Flare	7/11/24 07:18	7/11/24 07:20	0.03	0.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/11/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	7/11/24 07:22	7/11/24 07:24	0.03					113: Inspection and Maintenance	7/11/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event					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, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare	7/11/24 07:34	7/11/24 07:36	0.03	0.53 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/11/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/11/24 08:06	7/11/24 08:08	0.03					113: Inspection and Maintenance	7/11/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	7/11/24 10:16	7/11/24 10:18	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/11/2024	Manual		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/11/24 10:26	7/11/24 10:28	0.03					113: Inspection and Maintenance	7/11/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	7/11/24 16:12	7/11/24 16:14	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/11/2024	Manual		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/11/24 16:16	7/11/24 16:18	0.03					113: Inspection and Maintenance	7/11/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	7/11/24 18:30	7/11/24 18:32	0.03	0.10 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/11/2024	Manual		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/11/24 18:36	7/11/24 18:38	0.03					113: Inspection and Maintenance	7/11/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	7/11/24 18:54	7/11/24 18:56	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/11/2024	Manual		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/11/24 18:58	7/11/24 19:00	0.03					113: Inspection and Maintenance	7/11/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	7/11/24 19:20	7/11/24 19:22	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/11/2024	Manual		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	7/11/24 19:24	7/11/24 19:26	0.03					113: Inspection and Maintenance	7/11/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						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, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	7/11/24 19:36	7/11/24 19:38	0.03	0.13 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/11/2024	X
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event	118: Construction Activities	7/11/2024	X					
Component: A-7 Flare	7/11/24 19:44					7/11/24 19:46	0.03	113: Inspection and Maintenance
X Startup Event								116: Well Raising
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/11/2024	X					
Component: A-7 Flare	7/11/24 19:52			7/11/24 19:54	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/11/2024	X					
Component: A-7 Flare	7/12/24 07:26			7/12/24 07:28	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/12/2024	X					
Component: A-7 Flare	7/12/24 08:10			7/12/24 08:12	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/12/2024	X					
Component: A-7 Flare	7/12/24 08:42			7/12/24 08:44	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/12/2024	X					
Component: A-7 Flare	7/12/24 08:50			7/12/24 08:52	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/12/2024	X					
Component: A-7 Flare	7/12/24 08:52			7/12/24 08:54	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/12/2024	X					
Component: A-7 Flare	7/12/24 08:54			7/12/24 08:56	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/12/2024	X					
Component: A-7 Flare	7/12/24 12:08			7/12/24 12:10	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/12/2024	X					
Component: A-7 Flare	7/14/24 03:18			7/14/24 03:20	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/14/2024	X					
Component: A-7 Flare	7/14/24 08:42			7/14/24 08:44	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/14/2024	X					

**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, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	7/15/24 10:16	7/15/24 10:18	0.03	0.10 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/15/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event	118: Construction Activities	7/15/2024	Automatic					
Component: A-7 Flare	7/15/24 10:22					7/15/24 10:24	0.03	113: Inspection and Maintenance
X Startup Event								116: Well Raising
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/16/2024	Manual					
Component: A-7 Flare	7/16/24 12:44			7/16/24 12:46	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	7/16/2024	Automatic					
Component: A-7 Flare	7/16/24 12:54			7/16/24 12:56	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/16/2024	Automatic					
Component: A-7 Flare	7/16/24 17:10			7/16/24 17:12	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	7/16/2024	Automatic					
Component: A-7 Flare	7/16/24 18:50			7/16/24 18:52	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/16/2024	Automatic					
Component: A-7 Flare	7/16/24 21:00			7/16/24 21:02	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	7/16/2024	Automatic					
Component: A-7 Flare	7/17/24 07:20			7/17/24 07:22	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/17/2024	Automatic					
Component: A-7 Flare	7/17/24 11:18			7/17/24 11:20	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	7/17/2024	Automatic					
Component: A-7 Flare	7/17/24 11:56			7/17/24 11:58	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/17/2024	Automatic					
Component: A-7 Flare	7/17/24 13:38			7/17/24 13:40	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	7/17/2024	Automatic					
Component: A-7 Flare	7/17/24 14:16			7/17/24 14:18	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/17/2024	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, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	7/17/24 14:38	7/17/24 14:40	0.03	1.03 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/17/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event	118: Construction Activities	7/17/2024	Automatic					
Component: A-7 Flare	7/17/24 15:40					7/17/24 15:42	0.03	113: Inspection and Maintenance
X Startup Event								116: Well Raising
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/18/2024	Manual					
Component: A-7 Flare	7/18/24 13:20			7/18/24 13:22	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	7/18/2024	Automatic					
Component: A-7 Flare	7/18/24 14:16			7/18/24 14:18	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/18/2024	Automatic					
Component: A-7 Flare	7/18/24 21:56			7/18/24 21:58	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	7/18/2024	Automatic					
Component: A-7 Flare	7/19/24 07:56			7/19/24 07:58	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/19/2024	Manual					
Component: A-7 Flare	7/19/24 13:46			7/19/24 13:48	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/19/2024	Automatic					
Component: A-7 Flare	7/19/24 14:08			7/19/24 14:10	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/19/2024	Automatic					
Component: A-7 Flare	7/19/24 14:58			7/19/24 15:00	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/19/2024	Automatic					
Component: A-7 Flare	7/19/24 15:02			7/19/24 15:04	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/19/2024	Automatic					
Component: A-7 Flare	7/20/24 21:52			7/20/24 21:54	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	7/20/2024	Automatic					
Component: A-7 Flare	7/21/24 11:22			7/21/24 11:24	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/21/2024	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, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	7/21/24 23:08	7/21/24 23:10	0.03	6.50 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/21/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/22/24 05:38	7/22/24 05:40	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/22/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	7/22/24 05:48	7/22/24 05:50	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/22/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/22/24 06:00	7/22/24 06:02	0.03	0.37 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/22/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	7/22/24 06:12	7/22/24 06:14	0.03	0.37 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/22/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/22/24 06:34	7/22/24 06:36	0.03	0.37 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/22/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	7/22/24 06:46	7/22/24 06:48	0.03	0.37 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/22/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/22/24 07:08	7/22/24 07:10	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/22/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	7/22/24 07:58	7/22/24 08:00	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/22/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/22/24 08:10	7/22/24 08:12	0.03	1.97 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/22/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	7/23/24 03:12	7/23/24 03:14	0.03	1.97 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/23/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/23/24 05:10	7/23/24 05:12	0.03	1.97 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/23/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	7/23/24 05:36	7/23/24 05:38	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/23/2024	X
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event	118: Construction Activities	7/23/2024	X					
Component: A-7 Flare	7/23/24 05:46					7/23/24 05:48	0.03	113: Inspection and Maintenance
X Startup Event								116: Well Raising
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/23/2024	X					
Component: A-7 Flare	7/23/24 07:00			7/23/24 07:02	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/23/2024	X					
Component: A-7 Flare	7/23/24 07:10			7/23/24 07:12	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/23/2024	X					
Component: A-7 Flare	7/23/24 18:12			7/23/24 18:14	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/23/2024	X					
Component: A-7 Flare	7/23/24 18:38			7/23/24 18:40	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/23/2024	X					
Component: A-7 Flare	7/23/24 19:48			7/23/24 19:50	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/23/2024	X					
Component: A-7 Flare	7/23/24 19:52			7/23/24 19:54	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/23/2024	X					
Component: A-7 Flare	7/23/24 20:04			7/23/24 20:06	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/23/2024	X					
Component: A-7 Flare	7/23/24 20:12			7/23/24 20:14	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/24/2024	X					
Component: A-7 Flare	7/24/24 17:04			7/24/24 17:06	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/24/2024	X					
Component: A-7 Flare	7/24/24 17:30			7/24/24 17:32	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/24/2024	X					

**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, 2024 THROUGH SEPTEMBER 30, 2024											
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)			
Component: A-7 Flare	7/24/24 18:20	7/24/24 18:22	0.03	0.83 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/24/2024	X	Manual		
Startup Event						116: Well Raising					
Shutdown Event						117: Gas Collection					
X Malfunction Event	7/24/24 19:10	7/24/24 19:12	0.03			118: Construction Activities	7/24/2024	X	Manual		
Component: A-7 Flare						113: Inspection and Maintenance					
X Startup Event						116: Well Raising					
Shutdown Event	7/24/24 19:52	7/24/24 19:54	0.03	117: Gas Collection	7/24/2024	X	Automatic				
X Malfunction Event				118: Construction Activities							
Component: A-7 Flare				113: Inspection and Maintenance							
Startup Event	7/25/24 05:26	7/25/24 05:28	0.03	9.57 hours	Flare shut down due to flame failure.	116: Well Raising	7/25/2024	X	Manual		
Shutdown Event						117: Gas Collection					
X Malfunction Event						118: Construction Activities					
Component: A-7 Flare	7/25/24 05:54	7/25/24 05:56	0.03			0.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/25/2024	X	Automatic
Startup Event								116: Well Raising			
Shutdown Event								117: Gas Collection			
X Malfunction Event	7/25/24 06:06	7/25/24 06:08	0.03	118: Construction Activities	7/25/2024			X	Manual		
Component: A-7 Flare				113: Inspection and Maintenance							
X Startup Event				116: Well Raising							
Shutdown Event	7/25/24 06:18	7/25/24 06:20	0.03	0.37 hours	Flare shut down due to flame failure.	117: Gas Collection	7/25/2024	X	Automatic		
X Malfunction Event						118: Construction Activities					
Component: A-7 Flare						113: Inspection and Maintenance					
Startup Event	7/25/24 06:40	7/25/24 06:42	0.03			1.30 hours	Flare shut down due to flame failure.	116: Well Raising	7/25/2024	X	Manual
Shutdown Event								117: Gas Collection			
X Malfunction Event								118: Construction Activities			
Component: A-7 Flare	7/25/24 06:54	7/25/24 06:56	0.03	5.07 hours	Flare shut down due to flame failure.			113: Inspection and Maintenance	7/25/2024	X	Automatic
Startup Event								116: Well Raising			
Shutdown Event								117: Gas Collection			
X Malfunction Event	7/25/24 08:12	7/25/24 08:14	0.03			5.07 hours	Flare shut down due to flame failure.	118: Construction Activities	7/25/2024	X	Manual
Component: A-7 Flare								113: Inspection and Maintenance			
X Startup Event								116: Well Raising			
Shutdown Event	7/26/24 00:40	7/26/24 00:42	0.03	5.07 hours	Flare shut down due to flame failure.			117: Gas Collection	7/26/2024	X	Automatic
X Malfunction Event								118: Construction Activities			
Component: A-7 Flare								113: Inspection and Maintenance			
Startup Event	7/26/24 05:44	7/26/24 05:46	0.03			5.07 hours	Flare shut down due to flame failure.	116: Well Raising	7/26/2024	X	Manual
Shutdown Event								117: Gas Collection			
X Malfunction Event								118: Construction Activities			

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	7/26/24 07:34	7/26/24 07:36	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/26/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event	118: Construction Activities	7/26/2024	Automatic					
Component: A-7 Flare	7/26/24 07:52					7/26/24 07:54	0.03	113: Inspection and Maintenance
X Startup Event								116: Well Raising
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/26/2024	Automatic					
Component: A-7 Flare	7/26/24 07:58			7/26/24 08:00	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	7/26/2024	Automatic					
Component: A-7 Flare	7/26/24 09:14			7/26/24 09:16	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/26/2024	Automatic					
Component: A-7 Flare	7/26/24 09:26			7/26/24 09:28	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/26/2024	Automatic					
Component: A-7 Flare	7/26/24 09:54			7/26/24 09:56	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/26/2024	Automatic					
Component: A-7 Flare	7/26/24 10:06			7/26/24 10:08	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/26/2024	Automatic					
Component: A-7 Flare	7/26/24 10:56			7/26/24 10:58	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/26/2024	Automatic					
Component: A-7 Flare	7/26/24 11:50			7/26/24 11:52	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	7/26/2024	Automatic					
Component: A-7 Flare	7/26/24 12:28			7/26/24 12:30	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/26/2024	Automatic					
Component: A-7 Flare	7/26/24 13:36			7/26/24 13:38	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	7/26/2024	Automatic					
Component: A-7 Flare	7/26/24 14:24			7/26/24 14:26	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	7/26/2024	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, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	7/26/24 14:54	7/26/24 14:56	0.03	0.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/26/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/26/24 15:00	7/26/24 15:02	0.03	21.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/26/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/26/24 15:06	7/26/24 15:08	0.03	21.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/26/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/27/24 12:24	7/27/24 12:26	0.03	0.27 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/27/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	7/27/24 12:38	7/27/24 12:40	0.03	0.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/27/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/27/24 12:54	7/27/24 12:56	0.03	0.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/27/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	7/27/24 12:56	7/27/24 12:58	0.03	0.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/27/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/27/24 13:08	7/27/24 13:10	0.03	0.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/27/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	7/27/24 13:26	7/27/24 13:28	0.03	0.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/27/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/27/24 13:30	7/27/24 13:32	0.03	41.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/27/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/27/24 13:46	7/27/24 13:48	0.03	41.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/27/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	7/29/24 07:14	7/29/24 07:16	0.03	41.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/29/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California											
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024											
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)			
Component: A-7 Flare	7/29/24 12:40	7/29/24 12:42	0.03	0.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/29/2024	X	Manual		
Startup Event						116: Well Raising					
Shutdown Event						117: Gas Collection					
X Malfunction Event	7/29/24 12:44	7/29/24 12:46	0.03			118: Construction Activities	7/29/2024	X	Automatic		
Component: A-7 Flare						113: Inspection and Maintenance					
X Startup Event						116: Well Raising					
Shutdown Event	7/30/24 07:44	7/30/24 07:46	0.03	117: Gas Collection	7/30/2024	X	Automatic				
Component: A-7 Flare				118: Construction Activities							
X Malfunction Event				113: Inspection and Maintenance							
Startup Event	7/30/24 08:48	7/30/24 08:50	0.03	1.07 hours	Flare shut down due to flame failure.	116: Well Raising	7/30/2024	X	Manual		
Shutdown Event						117: Gas Collection					
X Malfunction Event						118: Construction Activities					
Component: A-7 Flare	8/01/24 07:16	8/01/24 07:18	0.03			0.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/1/2024	X	Automatic
Startup Event								116: Well Raising			
Shutdown Event								117: Gas Collection			
X Malfunction Event	8/01/24 07:44	8/01/24 07:46	0.03	118: Construction Activities	8/1/2024			X	Manual		
Component: A-7 Flare				113: Inspection and Maintenance							
X Startup Event				116: Well Raising							
Shutdown Event	8/01/24 08:14	8/01/24 08:16	0.03	0.63 hours	Flare shut down due to flame failure.	117: Gas Collection	8/1/2024	X	Automatic		
Component: A-7 Flare						118: Construction Activities					
X Malfunction Event						113: Inspection and Maintenance					
Startup Event	8/01/24 08:52	8/01/24 08:54	0.03			0.87 hours	Flare shut down due to flame failure.	116: Well Raising	8/1/2024	X	Manual
Component: A-7 Flare								117: Gas Collection			
X Startup Event								118: Construction Activities			
Shutdown Event	8/01/24 09:14	8/01/24 09:16	0.03	1.07 hours	Flare shut down due to flame failure.			113: Inspection and Maintenance	8/1/2024	X	Automatic
Component: A-7 Flare								116: Well Raising			
X Malfunction Event								117: Gas Collection			
Startup Event	8/01/24 10:06	8/01/24 10:08	0.03			1.07 hours	Flare shut down due to flame failure.	118: Construction Activities	8/1/2024	X	Manual
Component: A-7 Flare								113: Inspection and Maintenance			
X Startup Event								116: Well Raising			
Shutdown Event	8/01/24 10:14	8/01/24 10:16	0.03	1.07 hours	Flare shut down due to flame failure.			117: Gas Collection	8/1/2024	X	Automatic
Component: A-7 Flare								118: Construction Activities			
X Malfunction Event								113: Inspection and Maintenance			
Startup Event	8/01/24 11:18	8/01/24 11:20	0.03			1.07 hours	Flare shut down due to flame failure.	116: Well Raising	8/1/2024	X	Manual
Component: A-7 Flare								117: Gas Collection			
X Startup Event								118: Construction Activities			
Shutdown Event											
Malfunction Event											

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	8/01/24 11:52	8/01/24 11:54	0.03	1.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/1/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/01/24 12:58	8/01/24 13:00	0.03	1.03 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/1/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	8/01/24 15:20	8/01/24 15:22	0.03	1.03 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/1/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/01/24 16:22	8/01/24 16:24	0.03	13.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/1/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	8/01/24 17:36	8/01/24 17:38	0.03	7.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/1/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/02/24 07:10	8/02/24 07:12	0.03	1.03 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/2/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	8/02/24 07:28	8/02/24 07:30	0.03	7.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/2/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/02/24 08:30	8/02/24 08:32	0.03	11.87 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/2/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	8/02/24 09:00	8/02/24 09:02	0.03	7.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/2/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/02/24 16:24	8/02/24 16:26	0.03	11.87 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/2/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	8/02/24 20:48	8/02/24 20:50	0.03	11.87 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/2/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/03/24 08:40	8/03/24 08:42	0.03	11.87 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/3/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California											
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024											
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)			
Component: A-7 Flare	8/04/24 05:22	8/04/24 05:24	0.03	9.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/4/2024	X	Manual		
Startup Event						116: Well Raising					
Shutdown Event						117: Gas Collection					
X Malfunction Event	8/04/24 14:26	8/04/24 14:28	0.03			118: Construction Activities	8/4/2024	X	Manual		
Component: A-7 Flare						113: Inspection and Maintenance					
X Startup Event						116: Well Raising					
Shutdown Event	8/04/24 15:00	8/04/24 15:02	0.03	0.10 hours	Flare shut down due to low temperature.	X 117: Gas Collection	8/4/2024	X	Automatic		
Malfunction Event						118: Construction Activities					
Component: A-7 Flare						113: Inspection and Maintenance					
Startup Event	8/04/24 14:54	8/04/24 14:56	0.03			X 117: Gas Collection	8/4/2024	X	Manual		
X Shutdown Event						118: Construction Activities					
Malfunction Event						113: Inspection and Maintenance					
Component: A-7 Flare	8/04/24 15:00	8/04/24 15:02	0.03	0.10 hours	Flare shut down due to low temperature.	116: Well Raising	8/4/2024	X	Automatic		
X Startup Event						117: Gas Collection					
Shutdown Event						118: Construction Activities					
Malfunction Event	8/04/24 22:26	8/04/24 22:28	0.03			6.87 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/4/2024	X	Manual
Component: A-7 Flare								116: Well Raising			
Startup Event								117: Gas Collection			
Shutdown Event	8/05/24 05:18	8/05/24 05:20	0.03	118: Construction Activities	8/5/2024			X	Manual		
X Malfunction Event				113: Inspection and Maintenance							
Component: A-7 Flare				116: Well Raising							
Startup Event	8/05/24 09:52	8/05/24 09:54	0.03	0.40 hours	Flare shut down due to flame failure.	X 117: Gas Collection	8/5/2024	X	Automatic		
Shutdown Event						118: Construction Activities					
X Malfunction Event						113: Inspection and Maintenance					
Component: A-7 Flare	8/05/24 10:16	8/05/24 10:18	0.03			0.40 hours	Flare shut down due to flame failure.	116: Well Raising	8/5/2024	X	Manual
X Startup Event								117: Gas Collection			
Shutdown Event								118: Construction Activities			
Malfunction Event	8/05/24 10:34	8/05/24 10:36	0.03	1.57 hours	Flare shut down due to flame failure.			113: Inspection and Maintenance	8/5/2024	X	Automatic
Component: A-7 Flare								116: Well Raising			
Startup Event								117: Gas Collection			
Shutdown Event	8/05/24 12:08	8/05/24 12:10	0.03			118: Construction Activities	8/5/2024	X	Manual		
X Malfunction Event						113: Inspection and Maintenance					
Component: A-7 Flare						116: Well Raising					
Startup Event	8/05/24 13:22	8/05/24 13:24	0.03	1.93 hours	Flare shut down due to flame failure.	X 117: Gas Collection	8/5/2024	X	Automatic		
Shutdown Event						118: Construction Activities					
X Malfunction Event						113: Inspection and Maintenance					
Component: A-7 Flare	8/05/24 15:18	8/05/24 15:20	0.03			1.93 hours	Flare shut down due to flame failure.	116: Well Raising	8/5/2024	X	Manual
X Startup Event								117: Gas Collection			
Shutdown Event								118: Construction Activities			
Malfunction Event											

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	8/05/24 21:26	8/05/24 21:28	0.03	10.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/5/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/06/24 08:06	8/06/24 08:08	0.03	11.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/6/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	8/06/24 21:10	8/06/24 21:12	0.03	11.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/6/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/07/24 08:22	8/07/24 08:24	0.03	1.97 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/7/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	8/08/24 04:54	8/08/24 04:56	0.03	1.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/8/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/08/24 06:52	8/08/24 06:54	0.03	0.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/8/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	8/08/24 07:10	8/08/24 07:12	0.03	0.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/8/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/08/24 08:16	8/08/24 08:18	0.03	1.93 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/8/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	8/08/24 10:32	8/08/24 10:34	0.03	1.93 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/8/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/08/24 10:52	8/08/24 10:54	0.03	1.93 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/8/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	8/11/24 18:28	8/11/24 18:30	0.03	1.93 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/11/2024	Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	8/11/24 20:24	8/11/24 20:26	0.03	1.93 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/11/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare	8/12/24 19:16	8/12/24 19:18	0.03	13.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/12/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	8/13/24 08:40	8/13/24 08:42	0.03					113: Inspection and Maintenance	8/13/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
X Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	8/13/24 13:40	8/13/24 13:42	0.03	1.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/13/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	8/13/24 14:52	8/13/24 14:54	0.03					113: Inspection and Maintenance	8/13/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
X Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	8/13/24 22:06	8/13/24 22:08	0.03	9.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/13/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	8/14/24 07:20	8/14/24 07:22	0.03					113: Inspection and Maintenance	8/14/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
X Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	8/15/24 04:26	8/15/24 04:28	0.03	1.67 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/15/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	8/15/24 06:06	8/15/24 06:08	0.03					113: Inspection and Maintenance	8/15/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
X Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	8/15/24 07:16	8/15/24 07:18	0.03	0.60 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/15/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	8/15/24 07:52	8/15/24 07:54	0.03					113: Inspection and Maintenance	8/15/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
X Malfunction Event						118: Construction Activities		Automatic		
Component: A-7 Flare	8/15/24 09:02	8/15/24 09:04	0.03	0.70 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/15/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	8/15/24 09:44	8/15/24 09:46	0.03					113: Inspection and Maintenance	8/15/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
X Malfunction Event						118: Construction Activities		Automatic		

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	8/16/24 04:26	8/16/24 04:28	0.03	0.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/16/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event	118: Construction Activities	8/16/2024	Automatic					
Component: A-7 Flare	8/16/24 05:22					8/16/24 05:24	0.03	113: Inspection and Maintenance
X Startup Event								116: Well Raising
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	8/16/2024	Automatic					
Component: A-7 Flare	8/16/24 07:40			8/16/24 07:42	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	8/16/2024	Automatic					
Component: A-7 Flare	8/16/24 08:00			8/16/24 08:02	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	8/16/2024	Automatic					
Component: A-7 Flare	8/17/24 01:08			8/17/24 01:10	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	8/17/2024	Automatic					
Component: A-7 Flare	8/17/24 12:38			8/17/24 12:40	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	8/17/2024	Automatic					
Component: A-7 Flare	8/17/24 14:18			8/17/24 14:20	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	8/17/2024	Automatic					
Component: A-7 Flare	8/18/24 07:38			8/18/24 07:40	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	8/18/2024	Automatic					
Component: A-7 Flare	8/18/24 09:16			8/18/24 09:18	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	8/18/2024	Automatic					
Component: A-7 Flare	8/19/24 07:04			8/19/24 07:06	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	8/19/2024	Automatic					
Component: A-7 Flare	8/19/24 08:28			8/19/24 08:30	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	8/19/2024	Automatic					
Component: A-7 Flare	8/19/24 08:30			8/19/24 08:32	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	8/19/2024	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, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare	8/23/24 17:04	8/23/24 17:06	0.03	1.03 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/23/2024	Manual	
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection			
Malfunction Event	118: Construction Activities	8/23/2024	X			Automatic			
Component: A-7 Flare	8/23/24 18:06						8/23/24 18:08	0.03	113: Inspection and Maintenance
X Startup Event									116: Well Raising
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	8/23/2024		Automatic					
Component: A-7 Flare	8/23/24 21:30				8/23/24 21:32	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
X Malfunction Event	118: Construction Activities	8/24/2024	X	Automatic					
Component: A-7 Flare	8/24/24 08:54				8/24/24 08:56	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	8/24/2024		Automatic					
Component: A-7 Flare	8/24/24 10:50				8/24/24 10:52	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
X Malfunction Event	118: Construction Activities	8/24/2024	X	Automatic					
Component: A-7 Flare	8/25/24 09:14				8/25/24 09:16	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	8/25/2024		Automatic					
Component: A-7 Flare	8/25/24 16:20				8/25/24 16:22	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	8/25/2024	X	Automatic					
Component: A-7 Flare	8/25/24 16:58				8/25/24 17:00	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	8/25/2024		Automatic					
Component: A-7 Flare	8/27/24 07:46				8/27/24 07:48	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	8/27/2024	X	Automatic					
Component: A-7 Flare	8/29/24 10:14				8/29/24 10:16	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	8/29/2024		Automatic					
Component: A-7 Flare	8/29/24 14:26				8/29/24 14:28	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	8/29/2024	X	Automatic					
Component: A-7 Flare	8/29/24 14:58				8/29/24 15:00	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	8/29/2024		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, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare	8/29/24 15:32	8/29/24 15:34	0.03	0.13 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/29/2024	X		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event							118: Construction Activities			
Component: A-7 Flare	8/29/24 15:40	8/29/24 15:42	0.03					113: Inspection and Maintenance	8/29/2024	X
X Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities				
Component: A-7 Flare	8/29/24 16:00	8/29/24 16:02	0.03	0.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/29/2024	X		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities			
Component: A-7 Flare	8/29/24 16:08	8/29/24 16:10	0.03					113: Inspection and Maintenance	8/29/2024	X
X Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities				
Component: A-7 Flare	8/29/24 16:16	8/29/24 16:18	0.03	0.27 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/29/2024	X		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities			
Component: A-7 Flare	8/29/24 16:32	8/29/24 16:34	0.03					113: Inspection and Maintenance	8/29/2024	X
X Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities				
Component: A-7 Flare	8/29/24 16:38	8/29/24 16:40	0.03	0.77 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/29/2024	X		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities			
Component: A-7 Flare	8/29/24 17:24	8/29/24 17:26	0.03					113: Inspection and Maintenance	8/29/2024	X
X Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities				
Component: A-7 Flare	8/30/24 16:06	8/30/24 16:08	0.03	22.27 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/30/2024	X		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities			
Component: A-7 Flare	8/31/24 14:22	8/31/24 14:24	0.03					113: Inspection and Maintenance	8/31/2024	X
X Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities				
Component: A-7 Flare	8/31/24 14:56	8/31/24 14:58	0.03	0.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/31/2024	X		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event							118: Construction Activities			
Component: A-7 Flare	8/31/24 15:16	8/31/24 15:18	0.03					113: Inspection and Maintenance	8/31/2024	X
X Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event						118: Construction Activities				

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare	8/31/24 16:20	8/31/24 16:22	0.03	0.30 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/31/2024	Manual		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event	118: Construction Activities	X	Automatic							
Component: A-7 Flare	8/31/24 16:38	8/31/24 16:40	0.03			0.30 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/31/2024	Manual
X Startup Event								116: Well Raising		
Shutdown Event				X 117: Gas Collection						
Malfunction Event	118: Construction Activities		Automatic							
Component: A-7 Flare	9/01/24 04:34	9/01/24 04:36	0.03	6.73 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	9/1/2024	Manual
Startup Event								116: Well Raising		
X Shutdown Event						X 117: Gas Collection				
Malfunction Event	118: Construction Activities	X	Automatic							
Component: A-7 Flare	9/01/24 11:18	9/01/24 11:20	0.03			6.73 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/1/2024	Manual
X Startup Event								116: Well Raising		
Shutdown Event				X 117: Gas Collection						
Malfunction Event	118: Construction Activities		Automatic							
Component: A-7 Flare	9/01/24 13:14	9/01/24 13:16	0.03	5.33 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	9/1/2024	Manual
Startup Event								116: Well Raising		
X Shutdown Event						X 117: Gas Collection				
Malfunction Event	118: Construction Activities	X	Automatic							
Component: A-7 Flare	9/01/24 18:34	9/01/24 18:36	0.03			5.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/1/2024	Manual
X Startup Event								116: Well Raising		
Shutdown Event				X 117: Gas Collection						
Malfunction Event	118: Construction Activities		Automatic							
Component: A-7 Flare	9/02/24 07:00	9/02/24 07:02	0.03	4.37 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	9/2/2024	Manual
Startup Event								116: Well Raising		
X Shutdown Event						X 117: Gas Collection				
Malfunction Event	118: Construction Activities	X	Automatic							
Component: A-7 Flare	9/02/24 11:22	9/02/24 11:24	0.03			4.37 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/2/2024	Manual
X Startup Event								116: Well Raising		
Shutdown Event				X 117: Gas Collection						
Malfunction Event	118: Construction Activities		Automatic							
Component: A-7 Flare	9/03/24 10:48	9/03/24 10:50	0.03	0.57 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	9/3/2024	Manual
Startup Event								116: Well Raising		
X Shutdown Event						X 117: Gas Collection				
Malfunction Event	118: Construction Activities	X	Automatic							
Component: A-7 Flare	9/03/24 11:22	9/03/24 11:24	0.03			0.57 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/3/2024	Manual
X Startup Event								116: Well Raising		
Shutdown Event				X 117: Gas Collection						
Malfunction Event	118: Construction Activities		Automatic							
Component: A-7 Flare	9/03/24 13:26	9/03/24 13:28	0.03	0.27 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	9/3/2024	Manual
Startup Event								116: Well Raising		
X Shutdown Event						X 117: Gas Collection				
Malfunction Event	118: Construction Activities	X	Automatic							
Component: A-7 Flare	9/03/24 13:42	9/03/24 13:44	0.03			0.27 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/3/2024	Manual
X Startup Event								116: Well Raising		
Shutdown Event				X 117: Gas Collection						
Malfunction Event	118: Construction Activities		Automatic							

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	9/03/24 14:10	9/03/24 14:12	0.03	0.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/3/2024	X
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		
Malfunction Event	118: Construction Activities	9/3/2024	X					
Component: A-7 Flare	9/03/24 14:30					9/03/24 14:32	0.03	113: Inspection and Maintenance
X Startup Event								116: Well Raising
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/3/2024	X					
Component: A-7 Flare	9/03/24 14:46			9/03/24 14:48	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/3/2024	X					
Component: A-7 Flare	9/03/24 15:34			9/03/24 15:36	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/3/2024	X					
Component: A-7 Flare	9/04/24 08:58			9/04/24 09:00	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/4/2024	X					
Component: A-7 Flare	9/04/24 09:12			9/04/24 09:14	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/4/2024	X					
Component: A-7 Flare	9/04/24 10:16			9/04/24 10:18	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/4/2024	X					
Component: A-7 Flare	9/04/24 10:34			9/04/24 10:36	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/4/2024	X					
Component: A-7 Flare	9/04/24 11:16			9/04/24 11:18	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/4/2024	X					
Component: A-7 Flare	9/04/24 11:18			9/04/24 11:20	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/4/2024	X					
Component: A-7 Flare	9/04/24 11:58			9/04/24 12:00	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
X Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/4/2024	X					
Component: A-7 Flare	9/04/24 12:26			9/04/24 12:28	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/4/2024	X					

**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, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	9/05/24 07:08	9/05/24 07:10	0.03	0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/5/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/05/24 07:22	9/05/24 07:24	0.03	0.27 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/5/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	9/05/24 07:52	9/05/24 07:54	0.03	0.27 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/5/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/05/24 08:08	9/05/24 08:10	0.03	9.60 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/5/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	9/05/24 21:14	9/05/24 21:16	0.03	0.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/5/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/06/24 06:50	9/06/24 06:52	0.03	0.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/6/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	9/06/24 09:36	9/06/24 09:38	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/6/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/06/24 09:40	9/06/24 09:42	0.03	0.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/6/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/06/24 09:52	9/06/24 09:54	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/6/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/06/24 10:32	9/06/24 10:34	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/6/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/06/24 11:04	9/06/24 11:06	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/6/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/06/24 11:22	9/06/24 11:24	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/6/2024	Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)		
Component: A-7 Flare	9/06/24 19:08	9/06/24 19:10	0.03	13.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/6/2024	Manual		
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
X Malfunction Event							118: Construction Activities		X Automatic	
Component: A-7 Flare	9/07/24 08:26	9/07/24 08:28	0.03					113: Inspection and Maintenance	9/7/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event						X 117: Gas Collection				
Malfunction Event							118: Construction Activities		Automatic	
Component: A-7 Flare	9/07/24 17:24	9/07/24 17:26	0.03			3.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/7/2024	Manual
Startup Event								116: Well Raising		
Shutdown Event				X 117: Gas Collection						
X Malfunction Event				118: Construction Activities				X Automatic		
Component: A-7 Flare	9/07/24 20:48	9/07/24 20:50	0.03					113: Inspection and Maintenance	9/7/2024	Manual
Startup Event				116: Well Raising						
Shutdown Event				X 117: Gas Collection						
Malfunction Event					118: Construction Activities		Automatic			
Component: A-7 Flare	9/08/24 09:38	9/08/24 09:40	0.03	0.67 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/8/2024	Manual		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	9/08/24 10:18	9/08/24 10:20	0.03					113: Inspection and Maintenance	9/8/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event					118: Construction Activities		Automatic			
Component: A-7 Flare	9/08/24 15:44	9/08/24 15:46	0.03	0.77 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/8/2024	Manual		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	9/08/24 16:30	9/08/24 16:32	0.03					113: Inspection and Maintenance	9/8/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event					118: Construction Activities		Automatic			
Component: A-7 Flare	9/09/24 00:22	9/09/24 00:24	0.03	7.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/9/2024	Manual		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	9/09/24 07:26	9/09/24 07:28	0.03					113: Inspection and Maintenance	9/9/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event					118: Construction Activities		Automatic			
Component: A-7 Flare	9/09/24 08:18	9/09/24 08:20	0.03	0.40 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/9/2024	Manual		
Startup Event						116: Well Raising				
X Shutdown Event						X 117: Gas Collection				
Malfunction Event						118: Construction Activities		X Automatic		
Component: A-7 Flare	9/09/24 08:42	9/09/24 08:44	0.03					113: Inspection and Maintenance	9/9/2024	Manual
Startup Event						116: Well Raising				
Shutdown Event				X 117: Gas Collection						
Malfunction Event					118: Construction Activities		Automatic			

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California								
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	9/15/24 08:10	9/15/24 08:12	0.03	4.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/15/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event	118: Construction Activities	9/15/2024	Automatic					
Component: A-7 Flare	9/15/24 13:06					9/15/24 13:08	0.03	113: Inspection and Maintenance
X Startup Event								116: Well Raising
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/16/2024	Manual					
Component: A-7 Flare	9/16/24 10:56			9/16/24 10:58	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	9/16/2024	Automatic					
Component: A-7 Flare	9/16/24 12:52			9/16/24 12:54	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/16/2024	Automatic					
Component: A-7 Flare	9/16/24 14:38			9/16/24 14:40	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	9/16/2024	Automatic					
Component: A-7 Flare	9/16/24 15:44			9/16/24 15:46	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/16/2024	Automatic					
Component: A-7 Flare	9/16/24 17:52			9/16/24 17:54	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
X Malfunction Event	118: Construction Activities	9/16/2024	Automatic					
Component: A-7 Flare	9/17/24 06:30			9/17/24 06:32	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/17/2024	Automatic					
Component: A-7 Flare	9/17/24 11:52			9/17/24 11:54	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/17/2024	Automatic					
Component: A-7 Flare	9/17/24 11:56			9/17/24 11:58	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/17/2024	Automatic					
Component: A-7 Flare	9/17/24 12:44			9/17/24 12:46	0.03	113: Inspection and Maintenance		
Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/17/2024	Automatic					
Component: A-7 Flare	9/17/24 12:52			9/17/24 12:54	0.03	113: Inspection and Maintenance		
X Startup Event						116: Well Raising		
Shutdown Event		X 117: Gas Collection						
Malfunction Event	118: Construction Activities	9/17/2024	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, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare	9/17/24 13:34	9/17/24 13:36	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/17/2024	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection			
Malfunction Event	118: Construction Activities	9/17/2024	X			Automatic			
Component: A-7 Flare	9/17/24 13:38						9/17/24 13:40	0.03	113: Inspection and Maintenance
X Startup Event									116: Well Raising
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/17/2024	X	Automatic					
Component: A-7 Flare	9/17/24 14:00				9/17/24 14:02	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/17/2024	X	Automatic					
Component: A-7 Flare	9/17/24 14:08				9/17/24 14:10	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/17/2024	X	Automatic					
Component: A-7 Flare	9/17/24 14:42				9/17/24 14:44	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/17/2024	X	Automatic					
Component: A-7 Flare	9/17/24 14:50				9/17/24 14:52	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/17/2024	X	Automatic					
Component: A-7 Flare	9/17/24 15:28				9/17/24 15:30	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/17/2024	X	Automatic					
Component: A-7 Flare	9/17/24 15:34				9/17/24 15:36	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/17/2024	X	Automatic					
Component: A-7 Flare	9/18/24 07:06				9/18/24 07:08	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/18/2024	X	Automatic					
Component: A-7 Flare	9/18/24 07:38				9/18/24 07:40	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/18/2024	X	Automatic					
Component: A-7 Flare	9/18/24 08:52				9/18/24 08:54	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/18/2024	X	Automatic					
Component: A-7 Flare	9/18/24 09:06				9/18/24 09:08	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/18/2024	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, 2024 THROUGH SEPTEMBER 30, 2024								
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-7 Flare	9/18/24 09:32	9/18/24 09:34	0.03	0.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/18/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/18/24 10:12	9/18/24 10:14	0.03	0.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/18/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	9/18/24 11:16	9/18/24 11:18	0.03	0.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/18/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/18/24 11:50	9/18/24 11:52	0.03	1.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/18/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	9/18/24 12:44	9/18/24 12:46	0.03	1.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/18/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/18/24 13:50	9/18/24 13:52	0.03	0.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/18/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	9/18/24 16:32	9/18/24 16:34	0.03	0.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/18/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/18/24 16:40	9/18/24 16:42	0.03	12.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/18/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/18/24 19:08	9/18/24 19:10	0.03	0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/19/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/19/24 07:32	9/19/24 07:34	0.03	0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/19/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic
Component: A-7 Flare	9/19/24 10:06	9/19/24 10:08	0.03	0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/19/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
X Malfunction Event						118: Construction Activities	X	Automatic
Component: A-7 Flare	9/19/24 10:20	9/19/24 10:22	0.03	0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/19/2024	Manual
Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		
Malfunction Event						118: Construction Activities		Automatic

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

**AFFECTED EQUIPMENT: A-7 Flare**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-7 Flare	9/20/24 13:56	9/20/24 13:58	0.03	0.23 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/20/2024	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection			
Malfunction Event	118: Construction Activities	9/20/2024	X			Manual			
Component: A-7 Flare	9/20/24 14:10						9/20/24 14:12	0.03	113: Inspection and Maintenance
X Startup Event									116: Well Raising
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/20/2024	X	Manual					
Component: A-7 Flare	9/20/24 14:20				9/20/24 14:22	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/20/2024	X	Manual					
Component: A-7 Flare	9/20/24 14:48				9/20/24 14:50	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/20/2024	X	Manual					
Component: A-7 Flare	9/21/24 19:36				9/21/24 19:38	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/21/2024	X	Manual					
Component: A-7 Flare	9/22/24 08:26				9/22/24 08:28	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/22/2024	X	Manual					
Component: A-7 Flare	9/22/24 23:30				9/22/24 23:32	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/22/2024	X	Manual					
Component: A-7 Flare	9/23/24 07:32				9/23/24 07:34	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/23/2024	X	Manual					
Component: A-7 Flare	9/23/24 08:08				9/23/24 08:10	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/23/2024	X	Manual					
Component: A-7 Flare	9/23/24 08:28				9/23/24 08:30	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/23/2024	X	Manual					
Component: A-7 Flare	9/24/24 19:54				9/24/24 19:56	0.03	113: Inspection and Maintenance		
Startup Event							116: Well Raising		
X Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/24/2024	X	Manual					
Component: A-7 Flare	9/25/24 07:18				9/25/24 07:20	0.03	113: Inspection and Maintenance		
X Startup Event							116: Well Raising		
Shutdown Event		X 117: Gas Collection							
Malfunction Event	118: Construction Activities	9/25/2024	X	Manual					

**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, 2024 THROUGH SEPTEMBER 30, 2024											
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)			
Component: A-7 Flare	9/25/24 09:46	9/25/24 09:48	0.03	0.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/25/2024	X	Manual		
Startup Event						116: Well Raising					
Shutdown Event						117: Gas Collection					
X Malfunction Event							118: Construction Activities			Automatic	
Component: A-7 Flare	9/25/24 10:10	9/25/24 10:12	0.03					113: Inspection and Maintenance	9/25/2024	X	Manual
Startup Event						116: Well Raising					
Shutdown Event						117: Gas Collection					
X Malfunction Event							118: Construction Activities			Automatic	
Component: A-7 Flare	9/25/24 13:18	9/25/24 13:20	0.03			0.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/25/2024		Manual
Startup Event								116: Well Raising			
Shutdown Event				X 117: Gas Collection							
X Malfunction Event					118: Construction Activities				X	Automatic	
Component: A-7 Flare	9/25/24 14:14	9/25/24 14:16	0.03					113: Inspection and Maintenance	9/25/2024	X	Manual
Startup Event				116: Well Raising							
Shutdown Event				X 117: Gas Collection							
X Malfunction Event					118: Construction Activities					Automatic	
Component: A-7 Flare	9/25/24 16:10	9/25/24 16:12	0.03	13.03 hours	Flare shut down due to flame failure.			113: Inspection and Maintenance	9/25/2024		Manual
Startup Event								116: Well Raising			
Shutdown Event						X 117: Gas Collection					
X Malfunction Event							118: Construction Activities		X	Automatic	
Component: A-7 Flare	9/26/24 05:12	9/26/24 05:14	0.03					113: Inspection and Maintenance	9/26/2024	X	Manual
Startup Event						116: Well Raising					
Shutdown Event						X 117: Gas Collection					
X Malfunction Event							118: Construction Activities			Automatic	
Component: A-7 Flare	9/27/24 19:48	9/27/24 19:50	0.03			13.50 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/27/2024		Manual
Startup Event								116: Well Raising			
Shutdown Event				X 117: Gas Collection							
X Malfunction Event					118: Construction Activities				X	Automatic	
Component: A-7 Flare	9/28/24 09:18	9/28/24 09:20	0.03					113: Inspection and Maintenance	9/28/2024	X	Manual
Startup Event				116: Well Raising							
Shutdown Event				X 117: Gas Collection							
X Malfunction Event					118: Construction Activities					Automatic	
Component: A-7 Flare	9/28/24 18:44	9/28/24 18:46	0.03	15.47 hours	Flare shut down due to flame failure.			113: Inspection and Maintenance	9/28/2024		Manual
Startup Event								116: Well Raising			
Shutdown Event						X 117: Gas Collection					
X Malfunction Event							118: Construction Activities		X	Automatic	
Component: A-7 Flare	9/29/24 10:12	9/29/24 10:14	0.03					113: Inspection and Maintenance	9/29/2024	X	Manual
Startup Event						116: Well Raising					
Shutdown Event						X 117: Gas Collection					
X Malfunction Event							118: Construction Activities			Automatic	

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

**AFFECTED EQUIPMENT: A-7 Flare**

<b>Ox Mountain Landfill - Half Moon Bay, California</b>									
<b>SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024</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-7 Flare	9/29/24 21:32	9/29/24 21:34	0.03	7.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/29/2024	X	Manual
Startup Event						116: Well Raising			Automatic
Shutdown Event						X 117: Gas Collection			Automatic
X Malfunction Event	9/30/24 05:12	9/30/24 05:14	0.03			118: Construction Activities	9/30/2024	X	Manual
Component: A-7 Flare						113: Inspection and Maintenance			Automatic
X Startup Event						116: Well Raising			Automatic
Shutdown Event	9/30/24 13:36	9/30/24 13:38	0.03	X 117: Gas Collection	9/30/2024	X	Manual		
Malfunction Event				118: Construction Activities			Automatic		
Component: A-7 Flare				113: Inspection and Maintenance			Manual		
Startup Event	9/30/24 19:10	9/30/24 19:12	0.03	5.57 hours	Flare shut down due to low temperature.	X 117: Gas Collection	9/30/2024	X	Automatic
Shutdown Event						118: Construction Activities			Manual
X Malfunction Event						113: Inspection and Maintenance			Automatic
Component: A-7 Flare	9/30/24 19:10	9/30/24 19:12	0.03			116: Well Raising	9/30/2024	X	Manual
X Startup Event						117: Gas Collection			Automatic
Shutdown Event						118: Construction Activities			Automatic
Malfunction Event									

TOTAL DOWNTIME HOURS:	<b>916.40</b>
TOTAL AVAILABLE HOURS:	<b>4,392.00</b>
TOTAL REPORTING PERIOD RUNTIME (HOURS):	<b>3475.60</b>
RUNTIME PERCENTAGE:	<b>79.13%</b>

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

**AFFECTED EQUIPMENT: A-8 Flare**

Ox Mountain Landfill - Half Moon Bay, California									
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-8 Flare					The A-8 Flare did not operate for the reporting period of April 1, 2024 through September 30, 2024.	113: Inspection and Maintenance		Manual	
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		Automatic	
Malfunction Event						118: Construction Activities			
Component: A-8 Flare							113: Inspection and Maintenance		Manual
Startup Event							116: Well Raising		
Shutdown Event						117: Gas Collection		Automatic	
Malfunction Event						118: Construction Activities			

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

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

**AFFECTED EQUIPMENT: A-9 Flare**

Ox Mountain Landfill - Half Moon Bay, California																	
SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024																	
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)									
Component: A-9 Flare				43.97 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	4/2/2024		Manual								
Startup Event	4/02/24 18:58	4/02/24 19:00	0.03			116: Well Raising		X	4/4/2024	X	Automatic						
Shutdown Event						117: Gas Collection											
X Malfunction Event						118: Construction Activities											
Component: A-9 Flare			0.03			87.40 hours		Flare shut down due to inlet valve failure.	113: Inspection and Maintenance	4/4/2024	X	Manual					
X Startup Event	4/04/24 14:56	4/04/24 14:58							0.03				116: Well Raising	X	4/8/2024	X	Automatic
Shutdown Event													117: Gas Collection				
Malfunction Event			118: Construction Activities														
Component: A-9 Flare			0.03						33.37 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	4/4/2024	X	Manual			
Startup Event	4/04/24 15:26	4/04/24 15:28									0.03				116: Well Raising	X	4/9/2024
Shutdown Event				117: Gas Collection													
X Malfunction Event			118: Construction Activities														
Component: A-9 Flare			0.03	161.73 hours	Flare shut down due to high temperature.		113: Inspection and Maintenance				4/8/2024	X	Manual				
X Startup Event	4/08/24 06:50	4/08/24 06:52					0.03							116: Well Raising	X	4/9/2024	X
Shutdown Event						117: Gas Collection											
Malfunction Event			118: Construction Activities														
Component: A-9 Flare			0.03			128.13 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance			4/8/2024	X	Manual				
Startup Event	4/08/24 07:22	4/08/24 07:24						0.03						116: Well Raising	X	4/16/2024	X
X Shutdown Event									117: Gas Collection								
Malfunction Event			118: Construction Activities														
Component: A-9 Flare			0.03					0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	4/19/2024	X	Manual				
Startup Event	4/09/24 16:44	4/09/24 16:46								0.03				116: Well Raising	X	4/24/2024	X
X Shutdown Event				117: Gas Collection													
Malfunction Event			118: Construction Activities														
Component: A-9 Flare			0.03	0.20 hours	Flare shut down due to low temperature.					113: Inspection and Maintenance	4/19/2024	X	Manual				
Startup Event	4/09/24 17:42	4/09/24 17:44								0.03				116: Well Raising	X	4/24/2024	X
X Shutdown Event						117: Gas Collection											
Malfunction Event			118: Construction Activities														
Component: A-9 Flare			0.03			0.20 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	4/19/2024	X	Manual				
Startup Event	4/16/24 11:26	4/16/24 11:28								0.03				116: Well Raising	X	4/24/2024	X
X Shutdown Event								117: Gas Collection									
Malfunction Event			118: Construction Activities														
Component: A-9 Flare			0.03					0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	4/19/2024	X	Manual				
Startup Event	4/19/24 00:52	4/19/24 00:54								0.03				116: Well Raising	X	4/24/2024	X
X Shutdown Event				117: Gas Collection													
Malfunction Event			118: Construction Activities														
Component: A-9 Flare			0.03	0.20 hours	Flare shut down due to low temperature.					113: Inspection and Maintenance	4/24/2024	X	Manual				
Startup Event	4/24/24 09:00	4/24/24 09:02								0.03				116: Well Raising	X	4/24/2024	X
X Shutdown Event						117: Gas Collection											
Malfunction Event			118: Construction Activities														
Component: A-9 Flare			0.03			0.20 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	4/24/2024	X	Manual				
Startup Event	4/24/24 09:30	4/24/24 09:32								0.03				116: Well Raising	X	4/24/2024	X
X Shutdown Event								117: Gas Collection									
Malfunction Event			118: Construction Activities														
Component: A-9 Flare			0.03					0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	4/24/2024	X	Manual				
Startup Event	4/24/24 09:42	4/24/24 09:44								0.03				116: Well Raising	X	4/24/2024	X
X Shutdown Event				117: Gas Collection													
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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024													
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)					
Component: A-9 Flare	4/24/24 09:56	4/24/24 09:58	0.03	287.83 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	4/24/2024	X	Manual				
Startup Event						116: Well Raising			Automatic				
X Shutdown Event						117: Gas Collection							
Malfunction Event						118: Construction Activities							
Component: A-9 Flare	5/06/24 09:46	5/06/24 09:48	0.03			0.50 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/6/2024	X	Manual		
X Startup Event								116: Well Raising			Automatic		
Shutdown Event								117: Gas Collection					
Malfunction Event								118: Construction Activities					
Component: A-9 Flare	5/06/24 10:22	5/06/24 10:24	0.03					0.50 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/6/2024	X	Manual
Startup Event										116: Well Raising			Automatic
Shutdown Event										117: Gas Collection			
X Malfunction Event										118: Construction Activities			
Component: A-9 Flare	5/06/24 10:52	5/06/24 10:54	0.03	364.00 hours	Flare shut down due to flame failure.					113: Inspection and Maintenance	5/6/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event										117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	5/06/24 11:02	5/06/24 11:04	0.03			364.00 hours	Flare shut down due to flame failure.			113: Inspection and Maintenance	5/6/2024	X	Manual
Startup Event										116: Well Raising			Automatic
Shutdown Event										117: Gas Collection			
X Malfunction Event										118: Construction Activities			
Component: A-9 Flare	5/21/24 15:02	5/21/24 15:04	0.03					4.90 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/21/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event										117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	5/21/24 15:50	5/21/24 15:52	0.03	4.90 hours	Flare shut down due to flame failure.					113: Inspection and Maintenance	5/21/2024	X	Manual
Startup Event										116: Well Raising			Automatic
Shutdown Event										117: Gas Collection			
X Malfunction Event										118: Construction Activities			
Component: A-9 Flare	5/21/24 20:44	5/21/24 20:46	0.03			338.20 hours	Flare shut down due to flame failure.			113: Inspection and Maintenance	5/21/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event										117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	5/22/24 09:22	5/22/24 09:24	0.03					338.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	5/22/2024	X	Manual
Startup Event										116: Well Raising			Automatic
Shutdown Event										117: Gas Collection			
X Malfunction Event										118: Construction Activities			
Component: A-9 Flare	6/05/24 11:34	6/05/24 11:36	0.03	0.13 hours	Flare shut down due to flame failure.					113: Inspection and Maintenance	6/5/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event										117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	6/05/24 11:38	6/05/24 11:40	0.03			0.13 hours	Flare shut down due to flame failure.			113: Inspection and Maintenance	6/5/2024	X	Manual
Startup Event										116: Well Raising			Automatic
Shutdown Event										117: Gas Collection			
X Malfunction Event										118: Construction Activities			
Component: A-9 Flare	6/05/24 11:46	6/05/24 11:48	0.03					0.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/5/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event										117: Gas Collection			
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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024											
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)			
Component: A-9 Flare	6/05/24 12:22	6/05/24 12:24	0.03	208.90 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/5/2024	X	Manual		
Startup Event						116: Well Raising			Automatic		
Shutdown Event						117: Gas Collection			Automatic		
X Malfunction Event							118: Construction Activities				
Component: A-9 Flare	6/14/24 05:16	6/14/24 05:18	0.03					113: Inspection and Maintenance	6/14/2024	X	Manual
X Startup Event						116: Well Raising	Automatic				
Shutdown Event						117: Gas Collection	Automatic				
Malfunction Event							118: Construction Activities				
Component: A-9 Flare	6/14/24 05:40	6/14/24 05:42	0.03			0.97 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/14/2024	X	Manual
Startup Event								116: Well Raising			Automatic
X Shutdown Event				117: Gas Collection	Automatic						
Malfunction Event	118: Construction Activities	Automatic									
Component: A-9 Flare	6/14/24 06:38	6/14/24 06:40	0.03			113: Inspection and Maintenance	6/14/2024	X	Manual		
X Startup Event				116: Well Raising	Automatic						
Shutdown Event				117: Gas Collection	Automatic						
Malfunction Event					118: Construction Activities						
Component: A-9 Flare	6/14/24 07:02	6/14/24 07:04	0.03	0.27 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/14/2024	X	Manual		
Startup Event						116: Well Raising			Automatic		
X Shutdown Event						117: Gas Collection			Automatic		
Malfunction Event	118: Construction Activities	Automatic									
Component: A-9 Flare	6/14/24 07:18	6/14/24 07:20	0.03			113: Inspection and Maintenance	6/14/2024	X	Manual		
X Startup Event				116: Well Raising	Automatic						
Shutdown Event				117: Gas Collection	Automatic						
Malfunction Event					118: Construction Activities						
Component: A-9 Flare	6/14/24 07:42	6/14/24 07:44	0.03	2.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/14/2024	X	Manual		
Startup Event						116: Well Raising			Automatic		
X Shutdown Event						117: Gas Collection			Automatic		
Malfunction Event	118: Construction Activities	Automatic									
Component: A-9 Flare	6/14/24 09:46	6/14/24 09:48	0.03			113: Inspection and Maintenance	6/14/2024	X	Manual		
X Startup Event				116: Well Raising	Automatic						
Shutdown Event				117: Gas Collection	Automatic						
Malfunction Event					118: Construction Activities						
Component: A-9 Flare	6/14/24 09:50	6/14/24 09:52	0.03	0.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/14/2024	X	Manual		
Startup Event						116: Well Raising			Automatic		
Shutdown Event						117: Gas Collection			Automatic		
X Malfunction Event	118: Construction Activities	Automatic									
Component: A-9 Flare	6/14/24 09:54	6/14/24 09:56	0.03			113: Inspection and Maintenance	6/14/2024	X	Manual		
X Startup Event				116: Well Raising	Automatic						
Shutdown Event				117: Gas Collection	Automatic						
Malfunction Event					118: Construction Activities						
Component: A-9 Flare	6/14/24 10:00	6/14/24 10:02	0.03	0.37 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/14/2024	X	Manual		
Startup Event						116: Well Raising			Automatic		
Shutdown Event						117: Gas Collection			Automatic		
X Malfunction Event	118: Construction Activities	Automatic									
Component: A-9 Flare	6/14/24 10:22	6/14/24 10:24	0.03			113: Inspection and Maintenance	6/14/2024	X	Manual		
X Startup Event				116: Well Raising	Automatic						
Shutdown Event				117: Gas Collection	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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare	6/14/24 10:26	6/14/24 10:28	0.03	0.03 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/14/2024	X	Manual
Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare	6/14/24 10:28	6/14/24 10:30	0.03	0.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/14/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	6/14/24 10:36	6/14/24 10:38	0.03	0.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/14/2024	X	Manual
Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare	6/14/24 10:48	6/14/24 10:50	0.03	0.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/14/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	6/14/24 11:00	6/14/24 11:02	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/14/2024	X	Manual
Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare	6/14/24 11:04	6/14/24 11:06	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/14/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	6/14/24 11:08	6/14/24 11:10	0.03	14.60 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/14/2024	X	Manual
Startup Event						116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	6/14/24 11:14	6/14/24 11:16	0.03	14.60 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/14/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	6/16/24 17:14	6/16/24 17:16	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/16/2024	X	Manual
Startup Event						116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	6/17/24 07:50	6/17/24 07:52	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/17/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	6/17/24 07:54	6/17/24 07:56	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/17/2024	X	Manual
Startup Event						116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	6/17/24 08:00	6/17/24 08:02	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/17/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare				0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/17/2024	X	Manual
Startup Event	6/17/24 08:02	6/17/24 08:04	0.03			116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare						0.03	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/17/2024
X Startup Event	6/17/24 08:06	6/17/24 08:08	0.03	116: Well Raising					
Shutdown Event				117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						23.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/17/2024
Startup Event	6/17/24 10:34	6/17/24 10:36	0.03	116: Well Raising					
X Shutdown Event				117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						0.03	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/18/2024
X Startup Event	6/18/24 09:38	6/18/24 09:40	0.03	116: Well Raising					
Shutdown Event				117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						0.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/18/2024
Startup Event	6/18/24 09:40	6/18/24 09:42	0.03	116: Well Raising					
Shutdown Event				117: Gas Collection	Automatic				
X Malfunction Event				118: Construction Activities					
Component: A-9 Flare						0.03	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/18/2024
X Startup Event	6/18/24 09:46	6/18/24 09:48	0.03	116: Well Raising					
Shutdown Event				117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						0.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/18/2024
Startup Event	6/18/24 09:50	6/18/24 09:52	0.03	116: Well Raising					
X Shutdown Event				117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						0.03	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/18/2024
X Startup Event	6/18/24 10:02	6/18/24 10:04	0.03	116: Well Raising					
Shutdown Event				117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						2.83 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/18/2024
Startup Event	6/18/24 10:10	6/18/24 10:12	0.03	116: Well Raising					
Shutdown Event				117: Gas Collection	Automatic				
X Malfunction Event				118: Construction Activities					
Component: A-9 Flare						0.03	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/18/2024
X Startup Event	6/18/24 13:00	6/18/24 13:02	0.03	116: Well Raising					
Shutdown Event				117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/18/2024
Startup Event	6/18/24 13:34	6/18/24 13:36	0.03	116: Well Raising					
X Shutdown Event				117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						0.03	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/18/2024
X Startup Event	6/18/24 13:40	6/18/24 13:42	0.03	116: Well Raising					
Shutdown Event				117: Gas Collection	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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare				28.87 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/18/2024	X	Manual
Startup Event	6/18/24 14:24	6/18/24 14:26	0.03			116: Well Raising			
X Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare						181.47 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/19/2024
X Startup Event	6/19/24 19:16	6/19/24 19:18	0.03	116: Well Raising					
Shutdown Event				X 117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						181.47 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/19/2024
Startup Event	6/19/24 20:12	6/19/24 20:14	0.03	116: Well Raising					
X Shutdown Event				X 117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						181.47 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/27/2024
X Startup Event	6/27/24 09:40	6/27/24 09:42	0.03	116: Well Raising					
Shutdown Event				X 117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						0.23 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/27/2024
Startup Event	6/27/24 09:56	6/27/24 09:58	0.03	116: Well Raising					
X Shutdown Event				X 117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						0.23 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/27/2024
X Startup Event	6/27/24 10:10	6/27/24 10:12	0.03	116: Well Raising					
Shutdown Event				X 117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						100.43 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	6/27/2024
Startup Event	6/27/24 10:28	6/27/24 10:30	0.03	116: Well Raising					
X Shutdown Event				X 117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						100.43 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/1/2024
X Startup Event	7/01/24 14:54	7/01/24 14:56	0.03	116: Well Raising					
Shutdown Event				X 117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						163.63 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/1/2024
Startup Event	7/01/24 16:20	7/01/24 16:22	0.03	116: Well Raising					
X Shutdown Event				X 117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						163.63 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/8/2024
X Startup Event	7/08/24 11:58	7/08/24 12:00	0.03	116: Well Raising					
Shutdown Event				X 117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						18.53 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/8/2024
Startup Event	7/08/24 13:04	7/08/24 13:06	0.03	116: Well Raising					
X Shutdown Event				X 117: Gas Collection	Automatic				
Malfunction Event				118: Construction Activities					
Component: A-9 Flare						18.53 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/9/2024
X Startup Event	7/09/24 07:36	7/09/24 07:38	0.03	116: Well Raising					
Shutdown Event				X 117: Gas Collection	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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024													
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)					
Component: A-9 Flare	7/09/24 12:18	7/09/24 12:20	0.03	17.97 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/9/2024	X	Manual				
X Startup Event						116: Well Raising			Automatic				
X Shutdown Event						117: Gas Collection							
Malfunction Event						118: Construction Activities							
Component: A-9 Flare	7/10/24 06:16	7/10/24 06:18	0.03			0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/10/2024	X	Manual		
X Startup Event								116: Well Raising			Automatic		
Shutdown Event								117: Gas Collection					
Malfunction Event								118: Construction Activities					
Component: A-9 Flare	7/10/24 07:00	7/10/24 07:02	0.03					0.07 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance	7/10/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event				117: Gas Collection									
Malfunction Event				118: Construction Activities									
Component: A-9 Flare	7/10/24 07:10	7/10/24 07:12	0.03	0.43 hours	Flare shut down due to flame failure.					113: Inspection and Maintenance	7/10/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event						117: Gas Collection							
Malfunction Event						118: Construction Activities							
Component: A-9 Flare	7/10/24 07:26	7/10/24 07:28	0.03			23.03 hours	Flare shut down due to inlet valve failure.			113: Inspection and Maintenance	7/10/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event								117: Gas Collection					
Malfunction Event								118: Construction Activities					
Component: A-9 Flare	7/10/24 07:30	7/10/24 07:32	0.03					0.43 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/11/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event				117: Gas Collection									
Malfunction Event				118: Construction Activities									
Component: A-9 Flare	7/10/24 08:04	7/10/24 08:06	0.03	0.43 hours	Flare shut down due to flame failure.					113: Inspection and Maintenance	7/11/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event						117: Gas Collection							
Malfunction Event						118: Construction Activities							
Component: A-9 Flare	7/11/24 07:06	7/11/24 07:08	0.03			8.47 hours	Flare shut down due to flame failure.			113: Inspection and Maintenance	7/11/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event								117: Gas Collection					
Malfunction Event								118: Construction Activities					
Component: A-9 Flare	7/11/24 07:18	7/11/24 07:20	0.03					8.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/11/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event				117: Gas Collection									
Malfunction Event				118: Construction Activities									
Component: A-9 Flare	7/11/24 07:44	7/11/24 07:46	0.03	8.47 hours	Flare shut down due to flame failure.					113: Inspection and Maintenance	7/11/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event						117: Gas Collection							
Malfunction Event						118: Construction Activities							
Component: A-9 Flare	7/11/24 07:46	7/11/24 07:48	0.03			8.47 hours	Flare shut down due to flame failure.			113: Inspection and Maintenance	7/11/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event								117: Gas Collection					
Malfunction Event								118: Construction Activities					
Component: A-9 Flare	7/11/24 16:14	7/11/24 16:16	0.03					8.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/11/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event				117: Gas Collection									
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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare	7/11/24 16:16	7/11/24 16:18	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/11/2024	X	Manual
Startup Event						116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/24 16:22	7/11/24 16:24	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/11/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/24 16:24	7/11/24 16:26	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/11/2024	X	Manual
Startup Event						116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/24 16:30	7/11/24 16:32	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/11/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/24 16:40	7/11/24 16:42	0.03	2.47 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/11/2024	X	Manual
Startup Event						116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/24 19:08	7/11/24 19:10	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/11/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/12/24 12:10	7/12/24 12:12	0.03	0.63 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/12/2024	X	Manual
Startup Event						116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/12/24 12:48	7/12/24 12:50	0.03	0.63 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/12/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/12/24 13:32	7/12/24 13:34	0.03	4.00 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/12/2024	X	Manual
Startup Event						116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/12/24 17:32	7/12/24 17:34	0.03	4.00 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/12/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/12/24 18:14	7/12/24 18:16	0.03	163.70 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/12/2024	X	Manual
Startup Event						116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/19/24 13:56	7/19/24 13:58	0.03	163.70 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/19/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024													
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)					
Component: A-9 Flare	7/19/24 14:38	7/19/24 14:40	0.03	63.63 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/19/2024	X	Manual				
Startup Event						116: Well Raising							
X Shutdown Event						X 117: Gas Collection							
Malfunction Event						118: Construction Activities							
Component: A-9 Flare	7/22/24 06:16	7/22/24 06:18	0.03			1.67 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/22/2024	X	Manual		
X Startup Event								116: Well Raising					
Shutdown Event								X 117: Gas Collection					
Malfunction Event								118: Construction Activities					
Component: A-9 Flare	7/22/24 06:20	7/22/24 06:22	0.03					0.70 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/22/2024	X	Manual
Startup Event										116: Well Raising			
X Shutdown Event										X 117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	7/22/24 08:00	7/22/24 08:02	0.03	0.17 hours	Flare shut down due to high temperature.					113: Inspection and Maintenance	7/22/2024	X	Manual
X Startup Event										116: Well Raising			
Shutdown Event										X 117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	7/23/24 17:14	7/23/24 17:16	0.03			2.13 hours	Flare shut down due to high temperature.			113: Inspection and Maintenance	7/23/2024	X	Manual
Startup Event										116: Well Raising			
Shutdown Event										X 117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	7/23/24 17:56	7/23/24 17:58	0.03					155.60 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/23/2024	X	Manual
X Startup Event										116: Well Raising			
Shutdown Event										X 117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	7/23/24 17:58	7/23/24 18:00	0.03	0.17 hours	Flare shut down due to high temperature.					113: Inspection and Maintenance	7/23/2024	X	Manual
Startup Event										116: Well Raising			
X Shutdown Event										X 117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	7/23/24 18:08	7/23/24 18:10	0.03			2.13 hours	Flare shut down due to high temperature.			113: Inspection and Maintenance	7/23/2024	X	Manual
X Startup Event										116: Well Raising			
Shutdown Event										X 117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	7/23/24 18:10	7/23/24 18:12	0.03					0.17 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/23/2024	X	Manual
Startup Event										116: Well Raising			
X Shutdown Event										X 117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	7/23/24 20:18	7/23/24 20:20	0.03	0.17 hours	Flare shut down due to high temperature.					113: Inspection and Maintenance	7/23/2024	X	Manual
X Startup Event										116: Well Raising			
Shutdown Event										X 117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	7/23/24 20:22	7/23/24 20:24	0.03			0.17 hours	Flare shut down due to high temperature.			113: Inspection and Maintenance	7/23/2024	X	Manual
Startup Event										116: Well Raising			
X Shutdown Event										X 117: Gas Collection			
Malfunction Event										118: Construction Activities			
Component: A-9 Flare	7/30/24 07:58	7/30/24 08:00	0.03					0.17 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/30/2024	X	Manual
X Startup Event										116: Well Raising			
Shutdown Event										X 117: Gas Collection			
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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare	7/30/24 08:00	7/30/24 08:02	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/30/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/30/24 08:04	7/30/24 08:06	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/30/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/30/24 08:10	7/30/24 08:12	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/30/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/30/24 08:14	7/30/24 08:16	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/30/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/30/24 08:32	7/30/24 08:34	0.03	298.13 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	7/30/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	8/11/24 18:40	8/11/24 18:42	0.03	82.30 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/11/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	8/11/24 19:12	8/11/24 19:14	0.03	82.30 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/11/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	8/15/24 05:30	8/15/24 05:32	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	8/15/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	8/15/24 06:30	8/15/24 06:32	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	8/15/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	8/15/24 06:34	8/15/24 06:36	0.03	195.50 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	8/15/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	8/15/24 07:18	8/15/24 07:20	0.03	195.50 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	8/15/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	8/23/24 10:48	8/23/24 10:50	0.03	195.50 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	8/23/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024													
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)					
Component: A-9 Flare	8/23/24 11:00	8/23/24 11:02	0.03	95.53 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/23/2024	X	Manual				
Startup Event						116: Well Raising			Automatic				
X Shutdown Event						117: Gas Collection							
Malfunction Event						118: Construction Activities							
Component: A-9 Flare	8/27/24 10:32	8/27/24 10:34	0.03			28.20 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	8/27/2024	X	Manual		
X Startup Event								116: Well Raising			Automatic		
Shutdown Event								117: Gas Collection					
Malfunction Event								118: Construction Activities					
Component: A-9 Flare	8/27/24 10:52	8/27/24 10:54	0.03					23.23 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	8/27/2024	X	Manual
Startup Event										116: Well Raising			Automatic
X Shutdown Event				117: Gas Collection									
Malfunction Event				118: Construction Activities									
Component: A-9 Flare	8/28/24 15:04	8/28/24 15:06	0.03	116.10 hours	Flare shut down due to low temperature.					113: Inspection and Maintenance	8/28/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event						117: Gas Collection							
Malfunction Event						118: Construction Activities							
Component: A-9 Flare	8/28/24 15:26	8/28/24 15:28	0.03			17.00 hours	Flare shut down due to inlet valve failure.			113: Inspection and Maintenance	9/3/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event								117: Gas Collection					
Malfunction Event								118: Construction Activities					
Component: A-9 Flare	8/29/24 14:40	8/29/24 14:42	0.03					1.97 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance	9/3/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event				117: Gas Collection									
Malfunction Event				118: Construction Activities									
Component: A-9 Flare	8/29/24 14:54	8/29/24 14:56	0.03	17.00 hours	Flare shut down due to inlet valve failure.					113: Inspection and Maintenance	9/3/2024	X	Manual
Startup Event										116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection							
Malfunction Event						118: Construction Activities							
Component: A-9 Flare	9/03/24 11:00	9/03/24 11:02	0.03			17.00 hours	Flare shut down due to inlet valve failure.			113: Inspection and Maintenance	9/3/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event								117: Gas Collection					
Malfunction Event								118: Construction Activities					
Component: A-9 Flare	9/03/24 12:04	9/03/24 12:06	0.03					17.00 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance	9/3/2024	X	Manual
Startup Event										116: Well Raising			Automatic
X Shutdown Event				117: Gas Collection									
Malfunction Event				118: Construction Activities									
Component: A-9 Flare	9/03/24 14:02	9/03/24 14:04	0.03	17.00 hours	Flare shut down due to inlet valve failure.					113: Inspection and Maintenance	9/3/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event						117: Gas Collection							
Malfunction Event						118: Construction Activities							
Component: A-9 Flare	9/03/24 16:06	9/03/24 16:08	0.03			17.00 hours	Flare shut down due to inlet valve failure.			113: Inspection and Maintenance	9/3/2024	X	Manual
Startup Event										116: Well Raising			Automatic
X Shutdown Event								117: Gas Collection					
Malfunction Event								118: Construction Activities					
Component: A-9 Flare	9/04/24 09:06	9/04/24 09:08	0.03					17.00 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance	9/4/2024	X	Manual
X Startup Event										116: Well Raising			Automatic
Shutdown Event				117: Gas Collection									
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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024											
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)			
Component: A-9 Flare	9/04/24 09:56	9/04/24 09:58	0.03	0.07 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance	9/4/2024	X	Manual		
Startup Event						116: Well Raising			Automatic		
Shutdown Event						117: Gas Collection					
X Malfunction Event						118: Construction Activities					
Component: A-9 Flare	9/04/24 10:00	9/04/24 10:02	0.03			89.43 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance	9/4/2024	X	Manual
X Startup Event								116: Well Raising			Automatic
Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Component: A-9 Flare	9/04/24 11:48	9/04/24 11:50	0.03	89.43 hours	Flare shut down due to inlet valve failure.			113: Inspection and Maintenance	9/4/2024	X	Manual
Startup Event								116: Well Raising			Automatic
Shutdown Event								117: Gas Collection			
X Malfunction Event								118: Construction Activities			
Component: A-9 Flare	9/08/24 05:14	9/08/24 05:16	0.03			89.43 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance	9/8/2024	X	Manual
X Startup Event								116: Well Raising			Automatic
Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Component: A-9 Flare	9/09/24 13:02	9/09/24 13:04	0.03	0.10 hours	Flare shut down due to inlet valve failure.			113: Inspection and Maintenance	9/9/2024	X	Manual
Startup Event								116: Well Raising			Automatic
Shutdown Event								117: Gas Collection			
X Malfunction Event								118: Construction Activities			
Component: A-9 Flare	9/09/24 13:08	9/09/24 13:10	0.03			0.10 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance	9/9/2024	X	Manual
X Startup Event								116: Well Raising			Automatic
Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Component: A-9 Flare	9/09/24 13:12	9/09/24 13:14	0.03	0.07 hours	Flare shut down due to high temperature.			113: Inspection and Maintenance	9/9/2024	X	Manual
Startup Event								116: Well Raising			Automatic
X Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Component: A-9 Flare	9/09/24 13:16	9/09/24 13:18	0.03			0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/9/2024	X	Manual
X Startup Event								116: Well Raising			Automatic
Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Component: A-9 Flare	9/09/24 14:24	9/09/24 14:26	0.03	189.33 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	9/9/2024	X	Manual
Startup Event								116: Well Raising			Automatic
X Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Component: A-9 Flare	9/17/24 11:44	9/17/24 11:46	0.03			189.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/17/2024	X	Manual
X Startup Event								116: Well Raising			Automatic
Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Component: A-9 Flare	9/17/24 13:24	9/17/24 13:26	0.03	1.30 hours	Flare shut down due to low temperature.			113: Inspection and Maintenance	9/17/2024	X	Manual
Startup Event								116: Well Raising			Automatic
X Shutdown Event								117: Gas Collection			
Malfunction Event								118: Construction Activities			
Component: A-9 Flare	9/17/24 14:42	9/17/24 14:44	0.03			1.30 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/17/2024	X	Manual
X Startup Event								116: Well Raising			Automatic
Shutdown Event								117: Gas Collection			
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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare	9/17/24 14:46	9/17/24 14:48	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/17/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/17/24 14:50	9/17/24 14:52	0.03	43.20 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/17/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/17/24 15:28	9/17/24 15:30	0.03	43.20 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/17/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/19/24 10:40	9/19/24 10:42	0.03	43.20 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/19/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/20/24 10:12	9/20/24 10:14	0.03	3.93 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/20/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/20/24 14:08	9/20/24 14:10	0.03	3.93 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/20/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/20/24 15:06	9/20/24 15:08	0.03	64.13 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/20/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/23/24 07:14	9/23/24 07:16	0.03	64.13 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/23/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/23/24 07:44	9/23/24 07:46	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/23/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/23/24 07:48	9/23/24 07:50	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/23/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/23/24 07:52	9/23/24 07:54	0.03	7.70 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/23/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/23/24 15:34	9/23/24 15:36	0.03	7.70 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	9/23/2024	X	Manual
X Startup Event						116: Well Raising			Automatic
Shutdown Event						117: Gas Collection			
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 APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024									
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason <sup>1</sup>	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare	9/23/24 15:42	9/23/24 15:44	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/23/2024	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/23/24 15:46	9/23/24 15:48	0.03	175.30 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance	9/23/2024	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/23/24 16:42	9/23/24 16:44	0.03	175.30 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance	9/23/2024	X	Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare				175.30 hours	Flare shut down due to inlet valve failure.	113: Inspection and Maintenance			Automatic
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			
Malfunction Event						118: Construction Activities			

<sup>1</sup>The A-9 Flare was offline at the end of the reporting period. Therefore, the downtime is calculated as having ended on October 1, 2024 at 00:00

TOTAL DOWNTIME HOURS:	<b>4,075.60</b>
TOTAL AVAILABLE HOURS:	<b>4,392.00</b>
TOTAL REPORTING PERIOD RUNTIME (HOURS):	<b>316.40</b>
RUNTIME PERCENTAGE:	<b>7.20%</b>

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

**AFFECTED EQUIPMENT: IC Engines**

Completed By : Ameresco

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

**SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024**

Shutdown Date/Time mm/dd/yyd him	Startup Date/time mm/dd/yyd him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
3/30/24 13:18	4/2/24 18:25	77.12	4	Unplanned	Electrical	Restart Only
3/30/24 17:00	4/2/24 18:47	73.78	5	Unplanned	Electrical	Restart Only
3/30/24 17:07	4/2/24 18:31	73.40	6	Unplanned	Electrical	Restart Only
3/30/24 17:55	4/2/24 18:37	72.70	3	Unplanned	Line / Substation Maintenance	Restart Only
3/30/24 17:55	4/2/24 18:49	72.90	2	Unplanned	Line / Substation Maintenance	Restart Only
3/30/24 17:58	4/3/24 15:52	93.90	1	Unplanned	Line / Substation Maintenance	Restart Only
4/3/24 12:32	4/3/24 12:55	0.38	3	Unplanned	Engine	Replace, and Restart
4/3/24 13:12	4/3/24 13:49	0.62	5	Unplanned	Engine	Replace, and Restart
4/4/24 1:03	4/4/24 1:55	0.87	5	Unplanned	Building / HVAC	Restart Only
4/4/24 1:03	4/4/24 1:49	0.77	4	Unplanned	Building / HVAC	Restart Only
4/4/24 1:03	4/4/24 1:52	0.82	3	Unplanned	Building / HVAC	Restart Only
4/4/24 1:03	4/4/24 2:32	1.48	6	Unplanned	Building / HVAC	Restart Only
4/4/24 1:03	4/4/24 2:02	0.98	2	Unplanned	Building / HVAC	Restart Only
4/4/24 1:03	4/4/24 1:49	0.77	1	Unplanned	Building / HVAC	Restart Only
4/4/24 1:54	4/4/24 2:00	0.10	1	Unplanned	Blower Skid	Restart Only
4/4/24 1:57	4/4/24 2:07	0.17	4	Unplanned	Blower Skid	Restart Only
4/4/24 1:57	4/4/24 2:09	0.20	3	Unplanned	Blower Skid	Restart Only
4/4/24 14:42	4/4/24 15:21	0.65	6	Unplanned	Other	Restart Only
4/4/24 14:42	4/4/24 15:26	0.73	2	Unplanned	Other	Restart Only
4/4/24 14:42	4/4/24 15:18	0.60	4	Unplanned	Other	Restart Only
4/4/24 14:42	4/4/24 15:08	0.43	3	Unplanned	Other	Restart Only
4/4/24 14:42	4/4/24 15:32	0.83	5	Unplanned	Other	Restart Only
4/4/24 14:42	4/4/24 15:58	1.27	1	Unplanned	Other	Restart Only
4/7/24 3:23	4/7/24 5:39	2.27	4	Unplanned	Engine	Replace, and Restart
4/7/24 5:49	4/7/24 6:05	0.27	4	Unplanned	Engine	Replace, and Restart
4/8/24 5:46	4/8/24 7:10	1.40	1	Unplanned	Building / HVAC	Restart Only
4/8/24 5:46	4/8/24 7:18	1.53	2	Unplanned	Building / HVAC	Restart Only
4/8/24 5:46	4/8/24 7:17	1.52	4	Unplanned	Building / HVAC	Restart Only
4/8/24 5:46	4/8/24 7:13	1.45	3	Unplanned	Building / HVAC	Restart Only
4/8/24 5:46	4/8/24 7:34	1.80	5	Unplanned	Building / HVAC	Restart Only
4/8/24 5:46	4/8/24 7:18	1.53	6	Unplanned	Building / HVAC	Restart Only
4/8/24 9:30	4/8/24 11:40	2.17	6	Proactive	Electrical	Repair, and Restart
4/8/24 11:21	4/8/24 11:38	0.28	4	Unplanned	Building / HVAC	Restart Only
4/8/24 11:21	4/8/24 11:29	0.13	1	Unplanned	Building / HVAC	Restart Only
4/8/24 11:21	4/8/24 11:36	0.25	5	Unplanned	Building / HVAC	Restart Only
4/8/24 11:21	4/8/24 11:33	0.20	3	Unplanned	Building / HVAC	Restart Only

# CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

## AFFECTED EQUIPMENT: IC Engines

Completed By : Ameresco

### Ox Mountain Landfill - Half Moon Bay, California

### SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024

Shutdown Date/Time mm/dd/yy him	Startup Date/time mm/dd/yy him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
4/8/24 11:21	4/8/24 11:37	0.27	2	Unplanned	Building / HVAC	Restart Only
4/9/24 16:34	4/9/24 17:34	1.00	3	Unplanned	Oxygen Levels	Restart Only
4/9/24 16:34	4/9/24 17:31	0.95	1	Unplanned	Oxygen Levels	Restart Only
4/9/24 16:34	4/9/24 17:42	1.13	4	Unplanned	Oxygen Levels	Restart Only
4/9/24 16:34	4/9/24 17:43	1.15	2	Unplanned	Oxygen Levels	Restart Only
4/9/24 16:34	4/9/24 17:39	1.08	6	Unplanned	Oxygen Levels	Restart Only
4/9/24 16:34	4/9/24 17:37	1.05	5	Unplanned	Oxygen Levels	Restart Only
4/9/24 22:42	4/9/24 23:35	0.88	3	Unplanned	Engine	Replace, and Restart
4/9/24 23:40	4/10/24 0:00	0.33	3	Unplanned	Electrical	Reconfigure, and Restart
4/10/24 1:32	4/10/24 7:55	6.38	3	Unplanned	Electrical	Restart Only
4/15/24 14:54	4/15/24 15:03	0.15	4	Unplanned	Engine	Replace, and Restart
4/16/24 11:16	4/19/24 0:47	61.52	2	Unplanned	Line / Substation Maintenance	Restart Only
4/16/24 11:16	4/19/24 0:56	61.67	3	Unplanned	Line / Substation Maintenance	Restart Only
4/16/24 11:16	4/19/24 0:50	61.57	5	Unplanned	Line / Substation Maintenance	Restart Only
4/16/24 11:16	4/19/24 0:50	61.57	1	Unplanned	Line / Substation Maintenance	Restart Only
4/16/24 11:18	4/19/24 0:49	61.52	4	Unplanned	Line / Substation Maintenance	Restart Only
4/16/24 11:18	4/19/24 0:52	61.57	6	Unplanned	Line / Substation Maintenance	Restart Only
4/24/24 8:22	4/24/24 9:43	1.35	1	Unplanned	Building / HVAC	Restart Only
4/24/24 8:22	4/24/24 9:52	1.50	4	Unplanned	Building / HVAC	Restart Only
4/24/24 8:22	4/24/24 9:46	1.40	2	Unplanned	Building / HVAC	Restart Only
4/24/24 8:22	4/24/24 9:43	1.35	3	Unplanned	Building / HVAC	Restart Only
4/24/24 8:22	4/24/24 10:12	1.83	5	Unplanned	Building / HVAC	Restart Only
4/24/24 8:22	4/24/24 9:43	1.35	6	Unplanned	Building / HVAC	Restart Only
5/3/24 13:33	5/3/24 15:35	2.04	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
5/6/24 9:37	5/6/24 11:05	1.46	2	Unplanned	Landfill Vacuum / Gas Limited	Restart Only
5/6/24 9:37	5/6/24 11:04	1.45	1	Unplanned	Landfill Vacuum / Gas Limited	Restart Only
5/6/24 9:37	5/6/24 11:08	1.51	3	Unplanned	Landfill Vacuum / Gas Limited	Restart Only
5/6/24 9:37	5/6/24 11:08	1.52	5	Unplanned	Landfill Vacuum / Gas Limited	Restart Only
5/6/24 9:39	5/6/24 11:01	1.37	4	Unplanned	Landfill Vacuum / Gas Limited	Restart Only
5/6/24 9:39	5/6/24 13:04	3.40	6	Unplanned	Landfill Vacuum / Gas Limited	Restart Only
5/6/24 11:03	5/6/24 11:08	0.08	4	Unplanned	Engine	Restart Only
5/8/24 7:35	5/8/24 16:40	9.10	4	Planned	Engine	Repair, Reconfigure, Replace, and Restart
5/8/24 16:42	5/8/24 16:53	0.18	4	Unplanned	Engine	Restart Only
5/8/24 16:57	5/8/24 17:11	0.24	4	Unplanned	Engine	Replace, and Restart
5/8/24 17:53	5/9/24 15:28	21.59	4	Unplanned	Engine	Replace, and Restart
5/16/24 20:12	5/18/24 9:12	37.00	1	Unplanned	Engine	Replace, and Restart
5/18/24 9:40	5/18/24 10:01	0.35	1	Unplanned	Engine	Restart Only
5/18/24 10:07	5/18/24 11:33	1.42	2	Unplanned	Engine	Reconfigure, and Restart
5/18/24 11:37	5/18/24 12:54	1.30	3	Unplanned	Engine	Reconfigure, and Restart
5/18/24 12:58	5/18/24 14:04	1.11	5	Unplanned	Engine	Reconfigure, and Restart
5/21/24 11:54	5/21/24 14:02	2.14	2	Planned	Engine	Reconfigure, and Restart
5/21/24 14:51	5/21/24 15:42	0.85	1	Unplanned	Oxygen Levels	Restart Only
5/21/24 14:51	5/21/24 15:42	0.85	2	Unplanned	Oxygen Levels	Restart Only
5/21/24 14:51	5/21/24 15:47	0.93	3	Unplanned	Oxygen Levels	Restart Only
5/21/24 14:51	5/21/24 15:43	0.86	4	Unplanned	Oxygen Levels	Restart Only

# CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

## AFFECTED EQUIPMENT: IC Engines

Completed By : Ameresco

### Ox Mountain Landfill - Half Moon Bay, California

### SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024

Shutdown Date/Time mm/dd/yy him	Startup Date/time mm/dd/yy him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
5/21/24 14:51	5/21/24 15:47	0.93	5	Unplanned	Oxygen Levels	Restart Only
5/21/24 14:51	5/21/24 15:51	1.00	6	Unplanned	Oxygen Levels	Restart Only
5/21/24 20:12	5/22/24 9:36	13.41	3	Unplanned	Oxygen Levels	Replace, and Restart
5/21/24 20:34	5/22/24 14:17	17.72	1	Unplanned	Oxygen Levels	Restart Only
5/21/24 20:34	5/22/24 14:10	17.60	2	Unplanned	Oxygen Levels	Replace, and Restart
5/21/24 20:34	5/22/24 9:18	12.73	4	Unplanned	Oxygen Levels	Restart Only
5/21/24 20:34	5/22/24 9:10	12.60	5	Unplanned	Oxygen Levels	Restart Only
5/21/24 20:34	5/22/24 9:04	12.50	6	Unplanned	Oxygen Levels	Restart Only
5/27/24 16:02	5/27/24 19:35	3.54	1	Unplanned	Engine	Replace, and Restart
5/27/24 19:36	5/27/24 19:38	0.03	1	Unplanned	Engine	Restart Only
5/29/24 7:40	5/29/24 13:19	5.65	3	Planned	Engine	Reconfigure, Replace, and Restart
6/4/24 11:02	6/4/24 11:22	0.33	5	Unplanned	Engine	Replace, and Restart
6/4/24 11:31	6/4/24 11:42	0.18	5	Unplanned	Engine	Replace, and Restart
6/5/24 11:27	6/5/24 12:15	0.80	6	Unplanned	Oxygen Levels	Restart Only
6/5/24 11:27	6/5/24 12:17	0.83	4	Unplanned	Oxygen Levels	Restart Only
6/5/24 11:27	6/5/24 12:15	0.80	1	Unplanned	Oxygen Levels	Restart Only
6/5/24 11:27	6/5/24 12:22	0.92	3	Unplanned	Oxygen Levels	Restart Only
6/5/24 11:27	6/5/24 12:17	0.83	5	Unplanned	Oxygen Levels	Restart Only
6/5/24 11:27	6/5/24 12:18	0.85	2	Unplanned	Oxygen Levels	Restart Only
6/5/24 12:40	6/5/24 13:04	0.40	3	Unplanned	Engine	Restart Only
6/14/24 5:02	6/17/24 12:22	79.33	5	Unplanned	Line / Substation Maintenance	Reconfigure, and Restart
6/14/24 5:03	6/17/24 9:37	76.57	3	Unplanned	Line / Substation Maintenance	Reconfigure, and Restart
6/14/24 5:03	6/17/24 10:19	77.27	2	Unplanned	Line / Substation Maintenance	Reconfigure, and Restart
6/14/24 5:03	6/17/24 11:13	78.17	1	Unplanned	Line / Substation Maintenance	Reconfigure, and Restart
6/14/24 5:05	6/17/24 10:09	77.07	6	Unplanned	Line / Substation Maintenance	Reconfigure, and Restart
6/14/24 5:05	6/17/24 10:45	77.67	4	Unplanned	Line / Substation Maintenance	Reconfigure, and Restart
6/17/24 12:47	6/17/24 13:27	0.67	5	Unplanned	Engine	Restart Only
6/18/24 9:04	6/18/24 14:13	5.15	1	Unplanned	Oxygen Levels	Restart Only
6/18/24 9:04	6/18/24 14:16	5.20	2	Unplanned	Oxygen Levels	Restart Only
6/18/24 9:04	6/18/24 14:22	5.30	3	Unplanned	Oxygen Levels	Restart Only
6/18/24 9:04	6/18/24 14:24	5.33	5	Unplanned	Oxygen Levels	Restart Only
6/18/24 9:06	6/18/24 14:23	5.28	4	Unplanned	Oxygen Levels	Restart Only
6/18/24 9:06	6/18/24 14:41	5.58	6	Unplanned	Oxygen Levels	Restart Only
6/18/24 14:57	6/21/24 15:54	72.95	5	Unplanned	Engine	Reconfigure, Replace, and Restart
6/19/24 18:35	6/19/24 19:51	1.27	1	Unplanned	Oxygen Levels	Restart Only
6/19/24 18:35	6/19/24 20:10	1.58	3	Unplanned	Oxygen Levels	Restart Only
6/19/24 18:35	6/19/24 20:01	1.43	6	Unplanned	Oxygen Levels	Restart Only
6/19/24 18:35	6/19/24 19:54	1.32	2	Unplanned	Oxygen Levels	Restart Only
6/19/24 18:35	6/19/24 20:08	1.55	4	Unplanned	Oxygen Levels	Restart Only
6/22/24 7:10	6/28/24 14:56	151.77	5	Unplanned	Engine	Reconfigure, and Restart
6/22/24 15:53	6/22/24 16:27	0.57	4	Unplanned	Engine	Replace, and Restart
6/22/24 16:32	6/22/24 16:41	0.15	4	Unplanned	Engine	Replace, and Restart
6/28/24 15:33	6/28/24 15:40	0.12	5	Unplanned	Engine	Restart Only
6/28/24 15:48	6/28/24 16:14	0.43	5	Unplanned	Engine	Restart Only
6/28/24 16:21	6/28/24 17:54	1.55	5	Unplanned	Engine	Restart Only

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

**AFFECTED EQUIPMENT: IC Engines**

Completed By : Ameresco

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

**SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024**

Shutdown Date/Time mm/dd/yy him	Startup Date/time mm/dd/yy him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
6/28/24 18:01	6/28/24 18:08	0.12	5	Unplanned	Engine	Restart Only
6/28/24 18:20	6/28/24 20:14	1.90	5	Unplanned	Engine	Restart Only
6/28/24 20:18	6/28/24 20:33	0.25	5	Unplanned	Engine	Restart Only
6/28/24 20:37	7/1/24 0:00	51.38	5	Unplanned	Engine	
6/28/24 20:37	7/1/24 19:36	70.97	5	Unplanned	Engine	Replace, and Restart
7/1/24 14:42	7/1/24 16:58	2.27	1	Unplanned	Oxygen Levels	Restart Only
7/1/24 14:42	7/1/24 16:27	1.75	2	Unplanned	Oxygen Levels	Restart Only
7/1/24 14:42	7/1/24 16:18	1.61	3	Unplanned	Oxygen Levels	Restart Only
7/1/24 14:42	7/1/24 16:05	1.38	6	Unplanned	Oxygen Levels	Restart Only
7/1/24 14:42	7/1/24 15:59	1.29	4	Unplanned	Oxygen Levels	Restart Only
7/2/24 17:17	7/2/24 18:22	1.08	2	Unplanned	Engine	Restart Only
7/5/24 9:07	7/5/24 9:33	0.43	2	Unplanned	Engine	Replace, and Restart
7/5/24 9:38	7/5/24 9:47	0.16	2	Unplanned	Engine	Replace, and Restart
7/5/24 9:51	7/5/24 10:14	0.38	2	Unplanned	Engine	Reconfigure, and Restart
7/5/24 10:17	7/5/24 10:31	0.23	2	Unplanned	Engine	Replace, and Restart
7/5/24 10:36	7/5/24 11:00	0.39	2	Unplanned	Engine	Replace, and Restart
7/5/24 11:33	7/5/24 11:49	0.26	2	Unplanned	Engine	Reconfigure, and Restart
7/8/24 19:17	7/8/24 21:38	2.35	4	Unplanned	Engine	Replace, and Restart
7/8/24 21:48	7/8/24 22:35	0.78	4	Unplanned	Engine	Replace, and Restart
7/10/24 0:22	7/10/24 7:54	7.54	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/10/24 0:22	7/10/24 7:59	7.61	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/10/24 0:22	7/10/24 8:02	7.66	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/10/24 0:22	7/10/24 7:59	7.62	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/10/24 0:22	7/10/24 8:24	8.03	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/10/24 0:22	7/10/24 9:00	8.63	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/11/24 7:01	7/11/24 16:36	9.58	2	Unplanned	Oxygen Levels	Restart Only
7/11/24 7:01	7/11/24 16:43	9.70	5	Unplanned	Oxygen Levels	Restart Only
7/11/24 7:02	7/11/24 16:36	9.57	1	Unplanned	Oxygen Levels	Restart Only
7/11/24 7:02	7/11/24 16:38	9.60	3	Unplanned	Oxygen Levels	Restart Only
7/11/24 7:04	7/11/24 16:37	9.55	4	Unplanned	Oxygen Levels	Restart Only
7/11/24 7:04	7/11/24 17:05	10.01	6	Unplanned	Oxygen Levels	Restart Only
7/11/24 16:59	7/11/24 17:27	0.47	3	Unplanned	Engine	Restart Only
7/11/24 17:30	7/11/24 17:49	0.31	3	Unplanned	Engine	Replace, and Restart
7/11/24 17:52	7/12/24 17:51	23.99	3	Unplanned	Engine	Replace, and Restart
7/11/24 18:35	7/11/24 19:27	0.86	4	Unplanned	Oxygen Levels	Restart Only
7/11/24 18:36	7/11/24 19:24	0.80	1	Unplanned	Oxygen Levels	Restart Only
7/11/24 18:36	7/11/24 19:33	0.95	2	Unplanned	Oxygen Levels	Restart Only
7/11/24 18:36	7/11/24 19:34	0.97	5	Unplanned	Oxygen Levels	Restart Only
7/11/24 18:36	7/11/24 19:36	1.01	6	Unplanned	Oxygen Levels	Restart Only
7/12/24 6:58	7/12/24 17:46	10.81	1	Unplanned	Oxygen Levels	Restart Only
7/12/24 6:58	7/12/24 17:49	10.84	2	Unplanned	Oxygen Levels	Restart Only
7/12/24 6:58	7/12/24 18:00	11.04	5	Unplanned	Oxygen Levels	Replace, and Restart
7/12/24 6:59	7/12/24 18:59	11.99	4	Unplanned	Oxygen Levels	Restart Only
7/12/24 6:59	7/12/24 17:55	10.93	6	Unplanned	Oxygen Levels	Restart Only
7/12/24 18:17	7/12/24 18:32	0.25	5	Unplanned	Engine	Restart Only

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

**AFFECTED EQUIPMENT: IC Engines**

Completed By : Ameresco

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

**SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024**

Shutdown Date/Time mm/dd/yyd him	Startup Date/time mm/dd/yyd him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
7/15/24 9:47	7/15/24 10:13	0.43	3	Unplanned	Engine	Restart Only
7/19/24 7:45	7/19/24 13:08	5.39	3	Unplanned	Engine	Replace, and Restart
7/19/24 13:13	7/19/24 14:28	1.24	3	Unplanned	Engine	Reconfigure, and Restart
7/19/24 13:49	7/19/24 14:32	0.72	1	Unplanned	Oxygen Levels	Restart Only
7/19/24 13:49	7/19/24 14:34	0.75	6	Unplanned	Oxygen Levels	Restart Only
7/19/24 13:49	7/19/24 14:34	0.75	2	Unplanned	Oxygen Levels	Restart Only
7/19/24 13:49	7/19/24 14:34	0.75	4	Unplanned	Oxygen Levels	Restart Only
7/19/24 13:49	7/19/24 14:41	0.87	5	Unplanned	Oxygen Levels	Restart Only
7/19/24 15:03	7/19/24 15:23	0.34	6	Unplanned	Engine	Replace, and Restart
7/20/24 14:21	7/20/24 14:41	0.33	3	Unplanned	Engine	Replace, and Restart
7/22/24 6:13	7/23/24 18:26	36.21	2	Unplanned	Line / Substation Maintenance	Restart Only
7/22/24 6:13	7/23/24 19:14	37.02	3	Unplanned	Line / Substation Maintenance	Restart Only
7/22/24 6:13	7/23/24 18:22	36.14	5	Unplanned	Line / Substation Maintenance	Restart Only
7/22/24 6:13	7/23/24 18:41	36.46	1	Unplanned	Line / Substation Maintenance	Restart Only
7/22/24 6:16	7/23/24 21:05	38.82	4	Unplanned	Line / Substation Maintenance	Restart Only
7/22/24 6:16	7/23/24 18:43	36.46	6	Unplanned	Line / Substation Maintenance	Restart Only
7/23/24 19:41	7/23/24 19:51	0.16	3	Unplanned	Engine	Restart Only
7/23/24 19:57	7/23/24 21:07	1.16	3	Unplanned	Engine	Restart Only
7/23/24 20:09	7/23/24 20:25	0.26	1	Unplanned	Oxygen Levels	Restart Only
7/23/24 20:09	7/23/24 20:32	0.38	2	Unplanned	Oxygen Levels	Restart Only
7/23/24 20:09	7/23/24 20:27	0.30	5	Unplanned	Oxygen Levels	Restart Only
7/23/24 20:09	7/23/24 20:31	0.37	6	Unplanned	Oxygen Levels	Restart Only
7/23/24 21:09	7/23/24 21:23	0.24	3	Unplanned	Engine	Restart Only
7/23/24 21:40	7/23/24 21:59	0.31	3	Unplanned	Engine	Restart Only
7/23/24 22:01	7/23/24 22:15	0.22	3	Unplanned	Engine	Restart Only
7/24/24 15:05	7/24/24 16:22	1.27	3	Unplanned	Engine	Reconfigure, and Restart
7/25/24 7:14	7/25/24 15:55	8.69	1	Planned	Engine	Reconfigure, Replace, and Restart
7/29/24 7:18	8/1/24 0:00	64.70	4	Unplanned	Engine	
7/30/24 8:47	7/30/24 9:07	0.33	6	Unplanned	Oxygen Levels	Restart Only
7/30/24 8:47	7/30/24 9:13	0.43	5	Unplanned	Oxygen Levels	Restart Only
7/30/24 8:47	7/30/24 9:34	0.78	3	Unplanned	Oxygen Levels	Restart Only
7/30/24 8:47	7/30/24 9:16	0.48	2	Unplanned	Oxygen Levels	Restart Only
7/30/24 8:47	7/30/24 9:04	0.28	1	Unplanned	Oxygen Levels	Restart Only
7/29/24 7:18	8/1/24 8:00	72.70	4	Unplanned	Engine	Reconfigure, Replace, and Restart
7/29/24 7:18	8/1/24 8:00	72.70	4	Unplanned	Engine	Reconfigure, Replace, and Restart
8/5/24 14:20	8/5/24 16:01	1.68	3	Unplanned	Engine	Replace, and Restart
8/8/24 7:27	8/8/24 10:06	2.65	5	Unplanned	Engine	Replace, and Restart
8/8/24 10:13	8/11/24 18:51	80.63	5	Unplanned	Engine	Replace, and Restart
8/10/24 15:04	8/10/24 16:54	1.83	1	Unplanned	SCR / Catalyst / CEMS	Restart Only
8/11/24 18:32	8/11/24 18:41	0.15	1	Unplanned	Oxygen Levels	Restart Only
8/11/24 18:32	8/11/24 19:13	0.68	4	Unplanned	Oxygen Levels	Restart Only
8/11/24 18:32	8/11/24 19:07	0.58	2	Unplanned	Oxygen Levels	Restart Only
8/11/24 18:32	8/11/24 18:49	0.28	6	Unplanned	Oxygen Levels	Restart Only
8/11/24 18:32	8/11/24 18:58	0.43	3	Unplanned	Oxygen Levels	Restart Only
8/11/24 18:53	8/11/24 19:09	0.27	5	Unplanned	Oxygen Levels	Restart Only

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

**AFFECTED EQUIPMENT: IC Engines**

Completed By : Ameresco

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

**SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024**

Shutdown Date/Time mm/dd/yy him	Startup Date/time mm/dd/yy him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
8/11/24 19:13	8/11/24 19:39	0.43	3	Unplanned	Oxygen Levels	Restart Only
8/11/24 19:15	8/11/24 19:19	0.07	4	Unplanned	Oxygen Levels	Restart Only
8/11/24 19:51	8/11/24 19:59	0.13	3	Unplanned	Engine	Restart Only
8/14/24 8:28	8/14/24 16:06	7.63	2	Planned	Engine	Reconfigure, Replace, and Restart
8/14/24 16:29	8/14/24 16:52	0.38	4	Unplanned	Engine	Restart Only
8/14/24 17:13	8/15/24 13:00	19.78	4	Unplanned	Engine	Replace, and Restart
8/14/24 17:26	8/14/24 17:54	0.47	2	Unplanned	Engine	Replace, and Restart
8/15/24 4:05	8/15/24 7:53	3.80	3	Unplanned	Generator	Repair, and Restart
8/15/24 4:31	8/15/24 5:44	1.22	1	Unplanned	Oxygen Levels	Restart Only
8/15/24 4:31	8/15/24 6:12	1.68	6	Unplanned	Oxygen Levels	Restart Only
8/15/24 4:31	8/15/24 6:04	1.55	5	Unplanned	Oxygen Levels	Restart Only
8/15/24 4:31	8/15/24 7:01	2.50	2	Unplanned	Oxygen Levels	Restart Only
8/15/24 6:34	8/15/24 7:17	0.72	5	Unplanned	Engine	Reconfigure, and Restart
8/15/24 6:39	8/15/24 7:11	0.53	6	Unplanned	Landfill Vacuum / Gas Limited	Restart Only
8/15/24 6:39	8/15/24 6:55	0.27	1	Unplanned	Landfill Vacuum / Gas Limited	Restart Only
8/15/24 8:02	8/15/24 8:25	0.38	5	Unplanned	Engine	Replace, and Restart
8/18/24 11:38	8/18/24 14:52	3.23	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
8/18/24 19:24	8/19/24 12:14	16.83	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
8/19/24 8:06	8/19/24 10:24	2.30	6	Unplanned	Engine	Replace, and Restart
8/19/24 12:35	8/19/24 12:46	0.18	1	Unplanned	Engine	Reconfigure, and Restart
8/21/24 7:19	8/21/24 18:58	11.65	6	Planned	Engine	Reconfigure, Replace, and Restart
8/21/24 18:59	8/21/24 19:12	0.22	6	Unplanned	Engine	Reconfigure, and Restart
8/25/24 16:16	8/25/24 17:01	0.75	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
8/25/24 16:16	8/25/24 17:11	0.92	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
8/25/24 16:16	8/25/24 17:34	1.30	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
8/25/24 16:16	8/25/24 17:19	1.05	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
8/25/24 16:16	8/25/24 17:16	1.00	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
8/25/24 16:16	8/25/24 17:13	0.95	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
8/26/24 12:05	8/28/24 1:40	37.58	5	Unplanned	Engine	Replace, and Restart
8/28/24 1:40	8/29/24 15:31	37.85	5	Unplanned	Engine	Replace, and Restart
8/28/24 14:30	8/28/24 15:14	0.73	1	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
8/28/24 14:30	8/28/24 15:56	1.43	3	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
8/28/24 14:30	8/28/24 15:21	0.85	2	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
8/28/24 14:30	8/28/24 15:39	1.15	6	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
8/28/24 14:30	8/28/24 15:23	0.88	4	Unplanned	TSA / H2S / Siloxane Removal	Replace, and Restart
8/29/24 14:22	8/29/24 14:48	0.43	4	Unplanned	TSA / H2S / Siloxane Removal	Repair, and Restart
8/29/24 14:22	8/29/24 14:52	0.50	6	Unplanned	TSA / H2S / Siloxane Removal	Repair, and Restart
8/29/24 14:22	8/29/24 15:00	0.63	3	Unplanned	TSA / H2S / Siloxane Removal	Repair, and Restart
8/29/24 14:22	8/29/24 14:48	0.43	1	Unplanned	TSA / H2S / Siloxane Removal	Repair, and Restart
8/29/24 14:22	8/29/24 15:01	0.65	2	Unplanned	TSA / H2S / Siloxane Removal	Repair, and Restart
8/29/24 15:05	8/29/24 15:14	0.15	2	Unplanned	Engine	Restart Only
8/29/24 15:20	8/29/24 15:29	0.15	2	Unplanned	Engine	Restart Only
8/29/24 15:32	8/29/24 15:55	0.38	2	Unplanned	Engine	Replace, and Restart
8/29/24 15:39	8/29/24 15:50	0.18	5	Unplanned	Other	Reconfigure, and Restart
8/31/24 11:10	9/1/24 0:00	12.83	1	Unplanned	Other	Reconfigure, and Restart

# CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

## AFFECTED EQUIPMENT: IC Engines

Completed By : Ameresco

### Ox Mountain Landfill - Half Moon Bay, California

### SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024

Shutdown Date/Time mm/dd/yy him	Startup Date/time mm/dd/yy him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
9/13/24 12:27	9/13/24 13:37	1.17	3	Proactive	Engine	Replace, and Restart
9/17/24 11:35	9/17/24 12:42	1.12	1	Unplanned	Oxygen Levels	Restart Only
9/17/24 11:35	9/17/24 13:30	1.92	5	Unplanned	Oxygen Levels	Restart Only
9/17/24 11:35	9/17/24 12:54	1.32	4	Unplanned	Oxygen Levels	Restart Only
9/17/24 11:35	9/17/24 12:47	1.20	3	Unplanned	Oxygen Levels	Restart Only
9/17/24 11:35	9/17/24 12:55	1.33	6	Unplanned	Oxygen Levels	Restart Only
9/17/24 11:35	9/17/24 15:12	3.62	2	Unplanned	Oxygen Levels	Restart Only
9/17/24 12:58	9/17/24 13:08	0.17	4	Unplanned	Engine	Restart Only
9/17/24 13:38	9/17/24 15:22	1.73	6	Unplanned	Oxygen Levels	Restart Only
9/17/24 13:49	9/17/24 15:25	1.60	5	Unplanned	Oxygen Levels	Restart Only
9/17/24 13:49	9/17/24 14:59	1.17	1	Unplanned	Oxygen Levels	Restart Only
9/17/24 13:49	9/17/24 15:09	1.33	3	Unplanned	Oxygen Levels	Restart Only
9/17/24 13:49	9/17/24 15:21	1.53	4	Unplanned	Oxygen Levels	Restart Only
9/17/24 15:01	9/17/24 15:14	0.22	1	Unplanned	Engine	Restart Only
9/17/24 15:20	9/17/24 15:47	0.45	2	Unplanned	Engine	Replace, and Restart
9/19/24 3:16	9/19/24 7:39	4.38	1	Unplanned	SCR / Catalyst / CEMS	Restart Only
9/19/24 10:33	9/19/24 12:29	1.93	5	Unplanned	Dehy. Skid / Condensate	Repair, and Restart
9/19/24 10:33	9/19/24 12:56	2.38	4	Unplanned	Dehy. Skid / Condensate	Repair, and Restart
9/19/24 10:33	9/19/24 12:21	1.80	6	Unplanned	Dehy. Skid / Condensate	Repair, and Restart
9/19/24 10:33	9/19/24 12:55	2.37	1	Unplanned	Dehy. Skid / Condensate	Repair, and Restart
9/19/24 10:33	9/19/24 12:50	2.28	3	Unplanned	Dehy. Skid / Condensate	Repair, and Restart
9/19/24 10:33	9/19/24 12:55	2.37	2	Unplanned	Dehy. Skid / Condensate	Repair, and Restart
9/19/24 12:21	9/19/24 14:09	1.80	6	Unplanned	Oxygen Levels	Repair, and Restart
9/19/24 12:29	9/19/24 14:24	1.92	5	Unplanned	Oxygen Levels	Repair, and Restart
9/19/24 12:50	9/19/24 15:07	2.28	3	Unplanned	Oxygen Levels	Repair, and Restart
9/19/24 12:55	9/19/24 15:16	2.35	2	Unplanned	Oxygen Levels	Repair, and Restart
9/19/24 12:55	9/20/24 13:11	24.27	1	Unplanned	Oxygen Levels	Repair, and Restart
9/19/24 12:56	9/21/24 18:33	53.62	4	Unplanned	Oxygen Levels	Repair, and Restart
9/19/24 14:11	9/19/24 14:33	0.37	6	Unplanned	Engine	Restart Only
9/19/24 14:48	9/20/24 10:08	19.33	5	Unplanned	Oxygen Levels	Restart Only
9/19/24 15:17	9/20/24 10:35	19.30	2	Unplanned	Oxygen Levels	Restart Only
9/20/24 7:52	9/20/24 10:08	2.27	6	Unplanned	Oxygen Levels	Restart Only
9/20/24 7:52	9/20/24 10:05	2.22	3	Unplanned	Oxygen Levels	Restart Only
9/20/24 13:34	9/20/24 13:44	0.17	1	Unplanned	Engine	Restart Only
9/20/24 14:00	9/20/24 15:10	1.17	6	Unplanned	Oxygen Levels	Restart Only
9/20/24 14:00	9/20/24 14:52	0.87	1	Unplanned	Oxygen Levels	Restart Only
9/20/24 14:00	9/20/24 15:52	1.87	5	Unplanned	Oxygen Levels	Restart Only
9/20/24 14:00	9/20/24 16:17	2.28	2	Unplanned	Oxygen Levels	Restart Only
9/20/24 14:00	9/20/24 14:58	0.97	3	Unplanned	Oxygen Levels	Restart Only
9/20/24 15:01	9/20/24 15:15	0.23	1	Unplanned	Engine	Replace, and Restart
9/22/24 7:58	9/22/24 11:29	3.52	1	Unplanned	SCR / Catalyst / CEMS	Repair, and Restart
9/23/24 6:55	9/23/24 17:00	10.08	2	Unplanned	Line / Substation Maintenance	Restart Only
9/23/24 6:56	9/23/24 7:57	1.02	1	Unplanned	Line / Substation Maintenance	Restart Only
9/23/24 6:56	9/23/24 9:28	2.53	3	Unplanned	Line / Substation Maintenance	Restart Only
9/23/24 6:56	9/23/24 8:06	1.17	5	Unplanned	Line / Substation Maintenance	Restart Only

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

**AFFECTED EQUIPMENT: IC Engines**

Completed By : Ameresco

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

**SSMP REPORT - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024**

Shutdown Date/Time mm/dd/yyd him	Startup Date/time mm/dd/yyd him	Duration	Engine Number	Type of Shutdown	Reason/Action	Comments
9/23/24 6:58	9/23/24 9:05	2.12	6	Unplanned	Line / Substation Maintenance	Restart Only
9/23/24 6:58	9/23/24 10:38	3.67	4	Unplanned	Line / Substation Maintenance	Restart Only
9/23/24 9:15	9/23/24 11:41	2.43	6	Unplanned	Engine	Restart Only
9/23/24 15:06	9/23/24 16:27	1.35	1	Unplanned	Line / Substation Maintenance	Restart Only
9/23/24 15:27	9/23/24 16:34	1.12	3	Unplanned	Line / Substation Maintenance	Restart Only
9/23/24 15:27	9/23/24 16:45	1.30	5	Unplanned	Line / Substation Maintenance	Restart Only
9/23/24 15:28	9/23/24 16:42	1.23	4	Unplanned	Line / Substation Maintenance	Restart Only
9/23/24 15:28	9/23/24 16:40	1.20	6	Unplanned	Line / Substation Maintenance	Restart Only
9/23/24 17:01	9/23/24 17:10	0.15	2	Unplanned	Engine	Restart Only
9/23/24 17:19	9/23/24 17:28	0.15	1	Unplanned	Engine	Restart Only
9/23/24 17:19	9/23/24 17:28	0.15	1	Unplanned	Engine	Restart Only
9/26/24 20:21	9/27/24 11:08	14.78	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
9/27/24 21:32	9/28/24 6:59	9.45	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
9/28/24 21:15	9/29/24 4:37	7.37	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
9/29/24 5:10	9/29/24 6:12	1.03	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
9/30/24 10:01	9/30/24 16:29	6.47	4	Unplanned	Electrical	Repair, and Restart
9/30/24 12:59	9/30/24 13:44	0.75	5	Unplanned	Other	Restart Only
9/30/24 13:47	9/30/24 14:52	1.08	5	Unplanned	Engine	Restart Only
9/30/24 13:47	9/30/24 14:52	1.08	5	Unplanned	Engine	Restart Only

TSA = Thermal Swing Absorber  
H2S = Hydrogen sulfide  
SCR = Selective Catalytic Reducer  
TBD = To Be Determined  
Defy. Skid = Dehydration Skid

## APPENDIX E

### GCCS DOWNTIME

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

**Ox Mountain Landfill, Half Moon Bay, CA  
GCCS DOWNTIME REPORT PERIOD - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024**

SHUTDOWN DATE/TIME	START-UP DATE/TIME	TOTAL DOWNTIME (hours)	COMMENTS OR REASONS	ACTION TAKEN
4/4/24 1:08	4/4/24 1:49	0.68	An unplanned shutdown occurred at the Ameresco power plant due to an issue with the building/HVAC system. The A-7 Flare was offline due to high temperature. The A-9 flare shutdown due to a flame failure.	The Ameresco LFGTE facility was started.
4/4/24 14:46	4/4/24 14:56	0.17	An unplanned shutdown occurred at the Ameresco power plant due to an unspecified issue. The A-7 Flare was offline due to high temperature. The A-9 flare shutdown due to a flame failure.	The A-9 Flare was manually restarted.
4/8/24 5:50	4/8/24 6:48	0.97	An unplanned shutdown occurred at the Ameresco power plant due to building/HVAC. The A-7 Flare was offline due to high temperature. The A-9 flare shutdown due to an inlet valve failure.	The A-7 Flare was manually restarted.
4/9/24 16:40	4/9/24 16:44	0.07	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to high temperature. The A-9 flare shutdown due to high temperature.	The A-9 Flare was manually restarted.
4/24/24 8:28	4/24/24 8:36	0.13	An unplanned shutdown occurred at the Ameresco power plant due to building/HVAC. The A-7 Flare was offline due to high temperature. The A-9 flare shutdown due to low temperature.	The A-9 Flare was manually restarted.
5/6/24 10:30	5/6/24 10:42	0.20	An unplanned shutdown occurred at the Ameresco power plant due to limited landfill gas and vacuum. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to flame failure.	The A-7 flare was manually restarted
5/21/24 14:58	5/21/24 15:02	0.07	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to high temperature. The A-9 flare shutdown due to flame failure.	The A-9 Flare was manually restarted.
5/21/24 20:42	5/21/24 20:44	0.03	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to flame failure.	The A-9 Flare was manually restarted.
6/5/24 11:40	6/5/24 11:46	0.10	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to flame failure.	The A-9 Flare was manually restarted.
6/14/24 5:05	6/14/24 5:16	0.18	An unplanned shutdown occurred at the Ameresco power plant due to line/sub-station maintenance. The A-7 Flare was offline due to a flame failure. The A-9 flare shutdown due to flame failure.	The A-9 Flare was manually restarted.
6/14/24 11:10	6/14/24 11:14	0.07	An unplanned shutdown occurred at the Ameresco power plant due to line/sub-station maintenance. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due high temperature.	The A-9 Flare was manually restarted.
6/18/24 9:36	6/18/24 9:38	0.03	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to high temperature.	The A-9 Flare was manually restarted.
6/18/24 9:40	6/18/24 9:46	0.10	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to flame failure.	The A-9 Flare was manually restarted.
6/18/24 9:50	6/18/24 9:54	0.07	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to flame failure.	The A-7 Flare was manually restarted.
6/18/24 10:24	6/18/24 10:28	0.07	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to flame failure.	The A-7 Flare was manually restarted.
6/18/24 10:34	6/18/24 10:40	0.10	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to flame failure. The A-9 flare shutdown due to flame failure.	The A-7 Flare was manually restarted.

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

**Ox Mountain Landfill, Half Moon Bay, CA  
GCCS DOWNTIME REPORT PERIOD - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024**

SHUTDOWN DATE/TIME	START-UP DATE/TIME	TOTAL DOWNTIME (hours)	COMMENTS OR REASONS	ACTION TAKEN
6/18/24 10:52	6/18/24 10:58	0.10	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to flame failure.	The A-7 Flare was manually restarted.
6/19/24 18:38	6/19/24 19:16	0.63	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to high temperature.	The A-9 Flare was manually restarted.
7/1/24 14:42	7/1/24 14:54	0.20	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to low temperature.	The A-9 Flare was manually restarted.
7/10/24 0:22	7/10/24 6:16	5.90	An unplanned shutdown occurred at the Ameresco power plant due to TSA/H2S/Siloxane Removal. The A-7 Flare was offline due to flame failure. The A-9 flare shutdown due to low temperature.	The A-9 Flare was manually restarted.
7/11/24 7:18	7/11/24 7:22	0.07	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to flame failure. The A-9 flare shutdown due to flame failure.	The A-7 Flare was manually restarted.
7/11/24 7:34	7/11/24 7:44	0.17	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to flame failure. The A-9 flare shutdown due to flame failure.	The A-9 Flare was manually restarted.
7/11/24 7:46	7/11/24 8:06	0.33	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to flame failure. The A-9 flare shutdown due to flame failure.	The A-7 Flare was manually restarted.
7/11/24 10:16	7/11/24 10:26	0.17	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to flame failure.	The A-7 Flare was manually restarted.
7/11/24 16:12	7/11/24 16:14	0.03	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to flame failure.	The A-9 Flare was manually restarted.
7/19/24 13:49	7/19/24 13:56	0.12	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to high temperature.	The A-9 Flare was manually restarted.
7/22/24 6:20	7/22/24 6:34	0.23	An unplanned shutdown occurred at the Ameresco power plant due to line/sub-station maintenance. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to low temperature.	The A-7 Flare was manually restarted.
7/22/24 6:46	7/22/24 7:08	0.37	An unplanned shutdown occurred at the Ameresco power plant due to line/sub-station maintenance. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to low temperature.	The A-7 Flare was manually restarted.
7/22/24 7:58	7/22/24 8:00	0.03	An unplanned shutdown occurred at the Ameresco power plant due to line/sub-station maintenance. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to low temperature.	The A-9 Flare was manually restarted.
7/23/24 18:12	7/23/24 18:22	0.17	An unplanned shutdown occurred at the Ameresco power plant due to line/sub-station maintenance. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to high temperature.	The Ameresco LFGTE facility was started up.
7/30/24 8:47	7/30/24 8:48	0.02	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to flame failure. The A-9 flare shutdown due to high temperature.	The A-7 Flare was manually restarted.
8/11/24 18:32	8/11/24 18:40	0.13	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to low temperature.	The A-9 Flare was manually restarted.

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

**Ox Mountain Landfill, Half Moon Bay, CA  
GCCS DOWNTIME REPORT PERIOD - FROM APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024**

SHUTDOWN DATE/TIME	START-UP DATE/TIME	TOTAL DOWNTIME (hours)	COMMENTS OR REASONS	ACTION TAKEN
8/15/24 4:31	8/15/24 5:30	0.97	An unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare was offline due to low temperature. The A-9 flare shutdown due to low temperature.	The A-9 Flare was manually restarted.
8/25/24 16:20	8/25/24 16:58	0.63	A unplanned shutdown occurred at the Ameresco power plant due to TSA / H2S / Siloxane Removal. The A-7 Flare shutdown due to low temperature. The A-9 flare shutdown due to low temperature.	The A-7 Flare was manually restarted.
8/28/24 14:30	8/28/24 15:04	0.57	A unplanned shutdown occurred at the Ameresco power plant due to TSA / H2S / Siloxane Removal. The A-7 Flare shutdown due to low temperature. The A-9 flare shutdown due to low temperature.	The A-9 Flare was manually restarted.
8/29/24 14:26	8/29/24 14:40	0.23	A unplanned shutdown occurred at the Ameresco power plant due to TSA / H2S / Siloxane Removal. The A-7 Flare shutdown due to low temperature. The A-9 flare shutdown due to high temperature.	The A-9 Flare was manually restarted.
9/17/24 14:00	9/17/24 14:08	0.13	A unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare shutdown due to low temperature. The A-9 flare shutdown due to low temperature.	The A-7 Flare was manually restarted.
9/17/24 14:46	9/17/24 14:50	0.07	A unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare shutdown due to low temperature. The A-9 flare shutdown due to low temperature.	The A-7 Flare was manually restarted.
9/20/24 14:00	9/20/24 14:08	0.13	A unplanned shutdown occurred at the Ameresco power plant due to oxygen levels. The A-7 Flare shutdown due to low temperature. The A-9 flare shutdown due to high temperature.	The A-9 Flare was manually restarted.
9/23/24 6:58	9/23/24 7:14	0.27	A unplanned shutdown occurred at the Ameresco power plant due to line/sub-station maintenance. The A-7 Flare shutdown due to flame failure. The A-9 flare shutdown due to high temperature.	The A-9 Flare was manually restarted.

<b>Combined Emission Control Devices</b>	
APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024 TOTAL DOWNTIME (HOURS):	<b>14.71</b>
2024 TOTAL DOWNTIME (HOURS):	<b>16.07</b>
TOTAL PERMITTED DOWNTIME (HOURS):	<b>240</b>
2024 DOWNTIME PERCENT of 240 HOURS:	<b>6.70%</b>

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

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

## **APPENDIX F**

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

Ox Mountain Landfill, Half Moon Bay, California

A-7 FLARE TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024

REPORT PREPARED BY: Tetra Tech

DATE: October 1, 2024

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 April 1, 2024, through September 30, 2024 Reporting Period.					
<b>COMMENTS:</b>					
<p>1 In accordance with Title V Permit Condition Number 10164, Part 24(a), the A-7 Flare combustion zone 3-hour average temperature did not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation.</p> <p>2 From April 1, 2024, to September 4, 2024, the A-7 Flare combustion zone 3-hour average temperature did not drop below the 1,566°F limit (source test temperature minus 50 degrees) established during the July 21, 2023 annual source test while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 24, and 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) in Subpart WWW of the New Source Performance Standard (NSPS). On September 4, 2024, the A-7 Flare operating temperature was programmed to match the most recent source test temperature of 1,574°F (source test temperature minus 50 degrees) established during the July 16, 2024, annual source test. From September 4, 2024, to September 30, 2024, the A-7 Flare combustion zone 3-hour average temperature did not drop below the 1,574°F newly established limit (source test temperature minus 50 degrees) while the flare was in operation.</p> <p>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.</p>					

Ox Mountain Landfill, Half Moon Bay, California

A-8 FLARE TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024

REPORT PREPARED BY: Tetra Tech

DATE: October 1, 2024

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 April 1, 2024, through September 30, 2024 Reporting Period.					
<p><b>COMMENTS:</b></p> <ol style="list-style-type: none"> <li>1 In accordance with Title V Permit Condition Number 10164, Part 23(b), the A-8 Flare combustion zone 3-hour average temperature did not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation.</li> <li>2 The A-8 Flare combustion zone 3-hour average temperature did not drop below the 1,521°F limit (source test temperature minus 50 degrees) established during the September 13, 2016 annual source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 24, 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) Subpart WWW of the New Source Performance Standard (NSPS), 40 CFR 62.16714(c)(2)(ii) of Subpart OOO, and in 40 CFR 63.1959(b)(2)(iii)(B)(2) of Subpart AAAA</li> <li>3 As of March 31, 2016, Republic Services, Inc. (RSI) will only consider Title V Permit Condition Number 10164, Part 23(b) as referred to in comment 1 above, a deviation.</li> </ol>					

Ox Mountain Landfill, Half Moon Bay, California

**A-9 FLARE TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024**

**REPORT PREPARED BY:** Tetra Tech

**DATE:** October 1, 2024

**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 April 1, 2024 through September 30, 2024 Reporting Period.					
<p><b>COMMENTS:</b></p> <ol style="list-style-type: none"> <li>1 In accordance with Title V Permit Condition Number 10164, Part 23(c), the A-9 Flare combustion zone 3-hour average temperature did not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation.</li> <li>2 From April 1, 2024, to September 4, 2024, the A-9 Flare combustion zone 3-hour average temperature did not drop below the 1,500°F limit (source test temperature minus 50 degrees) established during the July 20, 2023 annual source test while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 24, and 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) in Subpart WWW of the New Source Performance Standard (NSPS). On September 4, 2024, the A-9 Flare operating temperature was programmed to match the most recent source test temperature of 1,523°F (source test temperature minus 50 degrees) established during the July 9, 2024, annual source test. From September 4, 2024, to September 30, 2024, the A-9 Flare combustion zone 3-hour average temperature did not drop below the 1,523°F newly established limit (source test temperature minus 50 degrees) while the flare was in operation.</li> <li>3 As of March 31, 2016, Republic Services, Inc. (RSI) will only consider Title V Permit Condition Number 10164, Part 23(b) as referred to in comment 1 above, a deviation.</li> </ol>					

## APPENDIX G

### COVER INTEGRITY MONITORING LOGS

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

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 4-18-24  
**TECHNICIAN:** Lusi Naivalurua

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

<b>COVER &amp; VEGETATION</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes	X		Erosion after heavy rain ,Site has been notified
Ponding of water on cap	X		Ponding on benches after heavy rain,will be addressed when benches are dry
Surface cracking	X		Major cracks have been reported to site, and are being addressed
Acceptable vegetation	X		Thicker vegetation has been reported to site, & is being addressed
Exposed waste		X	

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

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

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 5-28-24  
**TECHNICIAN:** Lusi Naivalurua

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

<b>COVER &amp; VEGETATION</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes	X		Erosion after heavy rain ,Site has been notified
Ponding of water on cap	X		Ponding on benches after heavy rain,will be addressed when benches are dry
Surface cracking	X		Major cracks have been reported to site, and are being addressed
Acceptable vegetation	X		Thicker vegetation has been reported to site, & is being addressed
Exposed waste		X	
Hole on surface	X		Site is aware ,and is being addressed

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

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

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 6-14-24  
**TECHNICIAN:** Lusi Naivalurua

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

<b>COVER &amp; VEGETATION</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes	X		Erosion after heavy rain, Site has been notified
Ponding of water on cap	X		Ponding on benches after heavy rain, will be addressed when benches are dry
Surface cracking	X		Major cracks have been reported to site, and are being addressed
Acceptable vegetation	X		Thicker vegetation and harmful/hazardous plants, site is aware and it is being addressed
Exposed waste		X	
Hole on surface	X		Site is aware, and is being addressed

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

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

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 7-12-24  
**TECHNICIAN:** Lusi Naivalurua

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

COVER & VEGETATION	YES	NO	COMMENTS
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes	X		Erosion after heavy rain ,Site has been notified
Ponding of water on cap	X		Ponding on benches after heavy rain ,some have been addressed
Surface cracking	X		Major cracks have been reported to site, and are being addressed
Acceptable vegetation	X		Thicker vegetation and harmful/hazardous plants has been reported to site, & is being addressed
Exposed waste		X	
Hole on surface	X		Site is aware ,and is being addressed

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

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

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 8-14-24  
**TECHNICIAN:** Lusi Naivalurua

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

<b>COVER &amp; VEGETATION</b>	<b>YES</b>	<b>NO</b>	<b>COMMENTS</b>
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes	X		
Ponding of water on cap	X		
Surface cracking	X		
Acceptable vegetation	X		Thicker vegetation and harmful/hazardous plants has been reported to site, & is being addressed, Tress removed
Exposed waste		X	
Hole on surface	X		Site is aware ,and is being addressed

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

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

**LOCATION:** Ox Mountain Landfill  
**INSPECTION DATE:** 9-25-24  
**TECHNICIAN:** Lusi Naivalurua

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

COVER & VEGETATION	YES	NO	COMMENTS
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes	X		
Ponding of water on cap	X		
Surface cracking	X		
Acceptable vegetation	X		Thicker vegetation and harmful/hazardous plants has been reported to site, & is being addressed, Tress removed
Exposed waste		X	
Hole on surface	X		Site is aware ,and is being addressed

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

## **APPENDIX H**

### **SURFACE EMISSIONS MONITORING REPORTS**



August 2, 2024

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

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

Dear Ms. McDonnell:

This report provides results of the Second Quarter 2024 New Source Performance Standards (NSPS) and California Air Resources Board (CARB) Landfill Methane Rule (LMR) surface emissions monitoring (SEM) performed by Tetra Tech and a Tetra Tech subcontractor at the Ox Mountain Landfill on May 10, 13, 14, 15, 27, 28, 30, and 31, 2024, June 8, 10, 11, 13, 14, 18, 21, 22, and 24, 2024, and July 5, 2024. All work was performed in accordance with Republic Services' Standard Operating Procedures (SOP), federal NSPS, and state LMR requirements.

## **SUMMARY AND CONCLUSIONS**

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

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

The Second Quarter 2024 SEM testing results indicated ten (10) locations that exceeded the NSPS (Grids) and LMR (Grids, Penetrations, and Perimeter) instantaneous methane concentration threshold of 500 parts per million by volume (ppmv) and one (1) exceedance of the LMR integrated threshold limit of 25 ppmv as measured as methane above background were detected during the initial monitoring event. System adjustments and repair work was performed by site personnel. The subsequent 10-day re-monitoring event indicated that all ten (10) areas with instantaneous exceedances had returned to compliance and the one (1) integrated grid exceedance had returned to compliance. The one-month re-monitoring indicated all detected instantaneous and integrated exceedances remained in compliance.

Additionally, during this event, some grids were not monitored as these areas were deemed unsafe by Tetra Tech, Tetra Tech's subcontractor, and/or site personnel for entry due to active filling operations,

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

- Full grids 5, 26, 29, 35, 36, 43, 49, 56, 64, 72, 79, 98, 104, 105, 110, 111, 116, 117, 122, 123, 128, 129, 134, 135, 139, 144, 149, and 165 were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (See Appendix A).
- Partial grids 2, 6, 8, 9, 12, 15, 18, 20, 21, 23, 25, 28, 34, 42, 44, 48, 55, 63, 66, 69, 71, 77, 78, 92, 93, 99, 106, 112, 118, 124, 130, 136, 141, 140, 146, 151, 154, 159, and 163 were partially monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (See Appendix A).

Areas consisting of native soil (no waste in place) were also exempted from monitoring, in accordance with the LMR. Any wells located in grids noted as exempt from monitoring due to health and safety concerns but remained accessible were monitored on an as-needed basis. Excluded areas are provided on the field map in Appendix A.

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

Locations with concentrations between 200 ppmv and 499 ppmv are included for reporting purposes only and require no remediation, as they are not an exceedance. Thirty-four (34) locations were found during the monitoring between the LMR instantaneous recording levels of 200 ppmv to 499 ppmv. Results of the monitoring are shown in Appendix B

Finally, to help prevent potential future exceedances, Tetra Tech recommends that the landfill surface be routinely inspected, any observed surface erosion be routinely repaired, and flowrates to the destruction devices be maximized.

## **BACKGROUND**

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

## **SURFACE EMISSIONS MONITORING**

Instantaneous and integrated SEM was performed over the surface of the subject site on May 10, 13, 14, 15, 27, 28, 30, and 31, 2024, and June 8, 10, 11, 13, 14, 18, 21, 22, and 24, 2024, and July 5, 2024. The intent of the monitoring was to identify any specific locations or areas of the landfill surface with organic compound concentrations exceeding the NSPS and/or LMR threshold limit values of 500

ppmv measured as methane for instantaneous monitoring or exceeding the threshold limit values of 25 ppmv for the integrated monitoring in the 50,000 square foot grids as required under the LMR. During this event Tetra Tech performed the monitoring on 25-foot pathways in all accessible areas, in accordance with the rules as required.

## **EMISSIONS TESTING INSTRUMENTATION/CALIBRATION**

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

- Inficon IRwin Methane Leak Detector (Gas Chromatograph and IR-sensor combination). This instrument measures methane in air over a range of 1 ppm to 100% by volume. The IRwin meets the CARB requirements for combined instantaneous and integrated monitoring and was calibrated in accordance with United States Environmental Protection Agency (USEPA) Method 21 and manufacturers specifications.
- A portable Anemometer by EXTECH was used to monitor and log wind speeds while performing emissions monitoring. Field observations and local weather station information is used to track weather conditions and rain events.

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

## **SURFACE EMISSIONS MONITORING PROCEDURES**

Instantaneous and integrated SEM was conducted in accordance with NSPS and LMR requirements. Monitoring was performed with the FID inlet held within 3 inches of the landfill surface while a technician walked a grid in parallel paths not more than 25-feet apart over the surface of the landfill unless site safety conditions or prior monitoring results allowed 100-foot pathways. Cracks, holes, and all cover penetrations in the surface were also tested. Instantaneous surface emissions readings were monitored continuously and recorded every 5 seconds. Any areas in exceedance of the 500 ppmv threshold limits (reporting and compliance levels, respectively) were GPS tagged, any locations exceeding the 500 ppmv threshold limit were also stake-marked for on-site personnel to perform remediation or repairs.

The integrated average is based on the readings stored on the instrument which are recorded every 5 seconds. The readings are then downloaded, and the averages are calculated for each grid using software provided by the instrument manufacturer. The readings are not provided in the report due to the volume of data but can be furnished upon request.

Recorded wind speed results are shown in Appendix F. Wind speed 15-minute averages were observed to remain below the alternative requested 10 miles per hour (based on 60 second intervals), and no instantaneous speeds exceeded 20 miles per hour during the testing. Monitoring was terminated when average wind speed exceeded 5 miles per hour. The LMR states that monitoring may not take place if any measurable precipitation is recorded onsite within 72-hours. Weather conditions for the monitoring events are included in Appendix E.

## **TESTING RESULTS**

During the initial monitoring events on May 10, 13, 14, 15, 27, 28, 30, and 31, 2024, and June 8, 10, 11, 14, 18, 21, 22, and 24, 2024, there were ten (10) locations that exceeded the NSPS (Grids) and LMR

(Grids and Penetrations) instantaneous level of 500 ppmv. There was one (1) exceedance of the LMR integrated threshold limit of 25 ppmv as measured as methane above background detected. System adjustments and repair work (repair of boreholes, vacuum increases to nearby extraction wells and re-compaction of soil) was performed by site personnel. The subsequent 10-day re-monitoring event on June 13, 2024, indicated that all ten (10) areas with instantaneous exceedances had returned to compliance and the one (1) integrated grid had returned to compliance. The one-month re-monitoring event on July 5, 2024, indicated there were no locations with remaining instantaneous exceedances.

Based on these results, no further monitoring is required until the Third Quarter of 2024. Results of the monitoring are shown in Appendix B and C. Calibration logs for the monitoring equipment are provided in Appendix D.

The landfill perimeter was walked and tested. Results of this testing indicated that no exceedances of the 500 ppmv limit were observed, therefore the site perimeter was in compliance with the requirements of the rule.

- Full grids 5, 26, 29, 35, 36, 43, 49, 56, 64, 72, 79, 98, 104, 105, 110, 111, 116, 117, 122, 123, 128, 129, 134, 135, 139, 144, 149, and 165 were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (See Appendix A).
- Partial grids 2, 6, 8, 9, 12, 15, 18, 20, 21, 23, 25, 28, 34, 42, 44, 48, 55, 63, 66, 69, 71, 77, 78, 92, 93, 99, 106, 112, 118, 124, 130, 136, 140, 141, 146, 151, 154, 159, and 163 were partially monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (See Appendix A).

These areas were deemed unsafe by the Tetra Tech subcontractor personnel for entry due to active filling operations, construction, and other dangerous or unsafe conditions, which could cause a potential for injury of monitoring personnel (Appendix A).

Areas consisting of native soil (no waste in place) are also exempt from monitoring, in accordance with the LMR.

Any wells located in grids noted as exempt from monitoring due to health and safety concerns but remained accessible were monitored on an as-needed basis.

## **PROJECT SCHEDULE**

Following the initial events performed on May 10, 13, 14, 15, 27, 28, 30, and 31, 2024, and June 8, 10, 11, 14, 18, 21, 22, and 24, 2024, subsequent re-monitoring was scheduled for ten days later. The first 10-day re-monitoring event was performed on June 13, 2024, and indicated that all ten (10) areas with instantaneous exceedances had returned to compliance and the one (1) integrated grid had returned to compliance. The one-month confirmation testing on abated instantaneous readings were performed on July 5, 2024, and indicated the ten (10) instantaneous exceedances remained below LMR thresholds of compliance.

In accordance with the approved Scope of Work with the site, Tetra Tech is scheduled to perform the Third Quarter 2024 NSPS and LMR monitoring event by the end of September 2024 in all areas deemed safe for entry.

## STANDARD PROVISIONS

This report addresses conditions of the subject site during the testing dates only. Accordingly, we assume no responsibility for any changes that may occur subsequent to testing which could affect the surface emissions at the subject site or adjacent properties.

If you have any questions regarding this report, please contact Rob Newbrough at (503) 720-0925.

Thank you,

Tetra Tech



Rob Newbrough  
O&M West Area Manager

This report contains the following Appendices:

**Appendix A:** Surface Grid Map

**Appendix B:** Integrated Monitoring Results

**Appendix C:** Instantaneous Monitoring Results

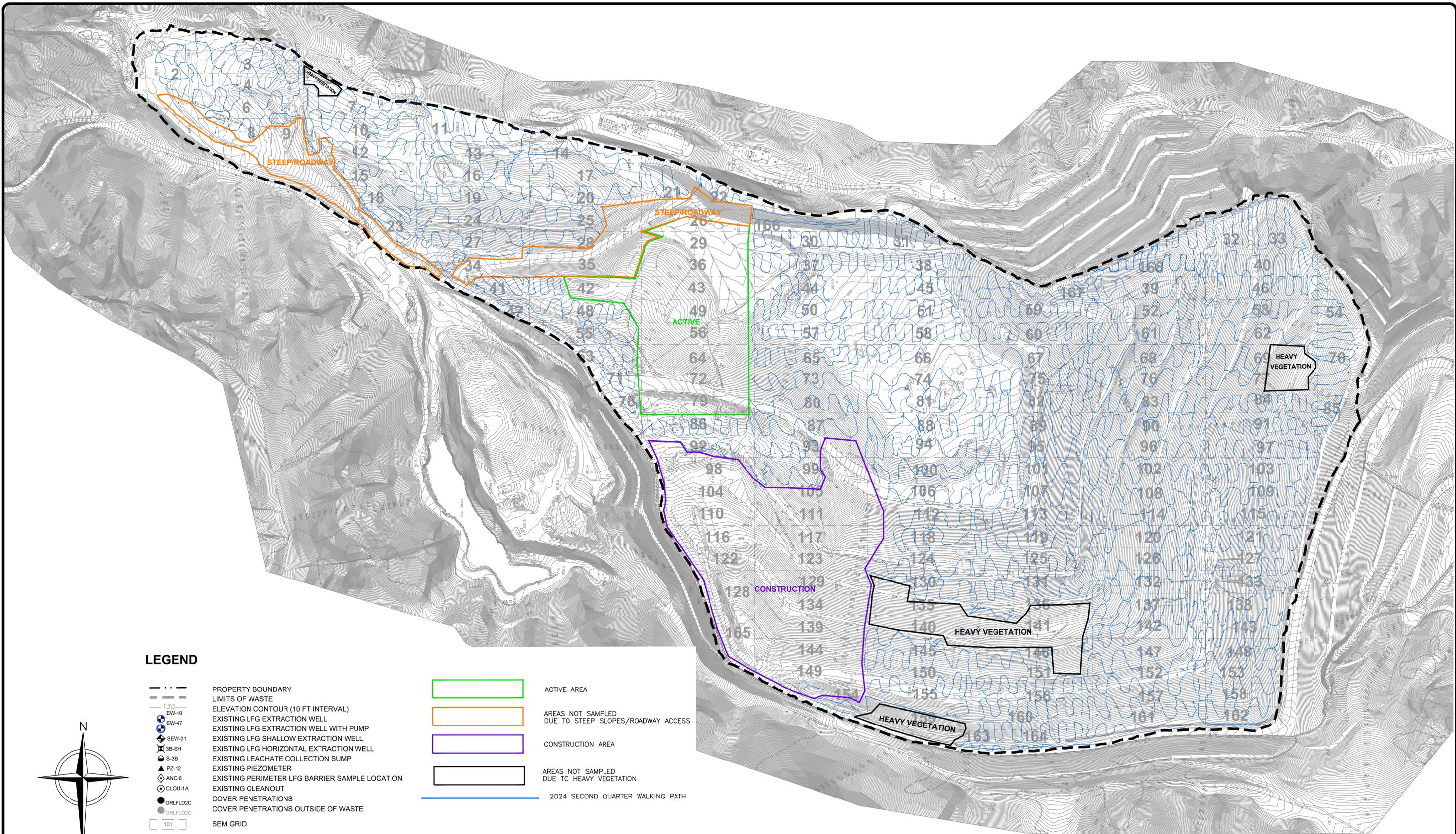
**Appendix D:** Calibration Logs

**Appendix E:** Weather Data

**Appendix F:** Wind Speed Data

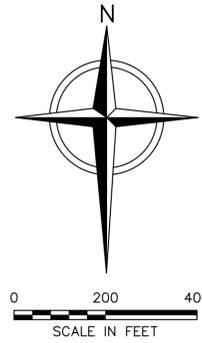
# APPENDIX A

## SURFACE GRID MAP



**LEGEND**

- PROPERTY BOUNDARY
- LIMITS OF WASTE
- ELEVATION CONTOUR (10 FT INTERVAL)
- EXISTING LFG EXTRACTION WELL
- EXISTING LFG EXTRACTION WELL WITH PUMP
- EXISTING LFG SHALLOW EXTRACTION WELL
- EXISTING LFG HORIZONTAL EXTRACTION WELL
- EXISTING LEACHATE COLLECTION SUMP
- EXISTING PIEZOMETER
- EXISTING PERIMETER LFG BARRIER SAMPLE LOCATION
- EXISTING CLEANOUT
- COVER PENETRATIONS
- COVER PENETRATIONS OUTSIDE OF WASTE
- SEM GRID
- ACTIVE AREA
- AREAS NOT SAMPLED DUE TO STEEP SLOPES/ROADWAY ACCESS
- CONSTRUCTION AREA
- AREAS NOT SAMPLED DUE TO HEAVY VEGETATION
- 2024 SECOND QUARTER WALKING PATH



1. THE GRID IS BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE III, NAD 27
2. ALL GCCS COMPONENTS AND ASSOCIATED LANDFILL FACILITY LOCATIONS PROVIDED BY TETRA TECH
3. WELLS AND LATERALS RELOCATED TO MATCH THE LATEST WELL AND HEADER INSTALLATION AS-BUILT 01/03/2022 RECORD SURVEY DRAWINGS BY TETRA TECH.
4. MONITORING DATE(S): MAY 10, 13, 14, 15, 27, 28, 30, AND 31, 2024, JUNE 8, 10, 11, 13, 14, 18, 21, 22, AND 24, 2024, AND JULY 5, 2024

This drawing represents Intellectual Property of Tetra Tech. Any modification to the original is done in blue. Tetra Tech reserves the right to amend or modify this drawing without notice. All work is performed under the supervision of a Licensed Professional Engineer.

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY

DATE OF ISSUE 7/24/2024	DRAWN BY CH	CHECKED BY NI
DESIGNED BY NI	APPROVED BY RN	

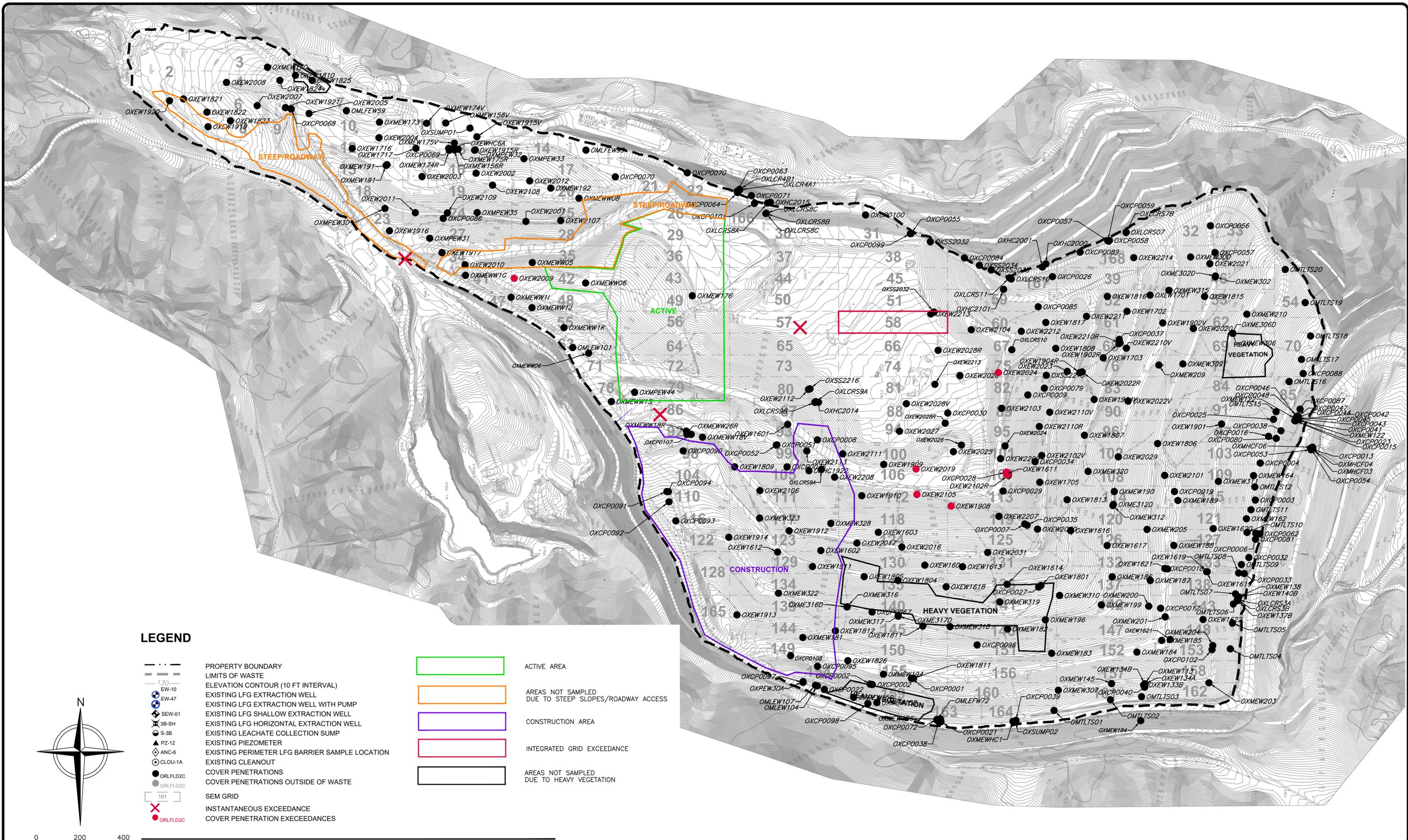


REPUBLIC  
OX MOUNTAIN  
HALF MOON BAY, CA

**SEM MAP GRID SECOND QUARTER 2024**

SHEET NO.  
**1**

PROJECT NO.  
197-2024-2001



**LEGEND**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>--- PROPERTY BOUNDARY</li> <li>--- LIMITS OF WASTE</li> <li>130 ELEVATION CONTOUR (10 FT INTERVAL)</li> <li>EW-10 EXISTING LFG EXTRACTION WELL</li> <li>EW-47 EXISTING LFG EXTRACTION WELL WITH PUMP</li> <li>SEW-01 EXISTING LFG SHALLOW EXTRACTION WELL</li> <li>3B-SH EXISTING LFG HORIZONTAL EXTRACTION WELL</li> <li>S-3B EXISTING LEACHATE COLLECTION SUMP</li> <li>PZ-12 EXISTING PIEZOMETER</li> <li>ANC-6 EXISTING PERIMETER LFG BARRIER SAMPLE LOCATION</li> <li>CLOU-1A EXISTING CLEANOUT</li> <li>ORLFLD2C COVER PENETRATIONS</li> <li>ORLFLD2C COVER PENETRATIONS OUTSIDE OF WASTE</li> <li>101 SEM GRID</li> <li>INSTANTANEOUS EXCEEDANCE</li> <li>ORLFLD2C COVER PENETRATION EXCEEDANCES</li> </ul> | <ul style="list-style-type: none"> <li>ACTIVE AREA</li> <li>AREAS NOT SAMPLED DUE TO STEEP SLOPES/ROADWAY ACCESS</li> <li>CONSTRUCTION AREA</li> <li>INTEGRATED GRID EXCEEDANCE</li> <li>AREAS NOT SAMPLED DUE TO HEAVY VEGETATION</li> </ul> |
|---|---|

**NOTE(S)**

1. THE GRID IS BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE III, NAD 27
2. ALL GCCS COMPONENTS AND ASSOCIATED LANDFILL FACILITY LOCATIONS PROVIDED BY TETRA TECH
3. WELLS AND LATERALS RELOCATED TO MATCH THE LATEST WELL AND HEADER INSTALLATION AS-BUILT 01/03/2022 RECORD SURVEY DRAWINGS BY TETRA TECH.
4. MONITORING DATE(S): MAY 10, 13, 14, 15, 27, 28, 30, AND 31, 2024, JUNE 8, 10, 11, 13, 14, 18, 21, 22, AND 24, 2024, AND JULY 5, 2024

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
DATE OF ISSUE	7/24/2024					
DRAWN BY	CH			CHECKED BY	NI	
DESIGNED BY	NI			APPROVED BY	RN	

**TETRA TECH**

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

REPUBLIC  
OX MOUNTAIN  
HALF MOON BAY, CA

**SEM EXCEEDANCES SECOND QUARTER 2024**

SHEET NO.  
**2**

PROJECT NO.  
197-2024-2001

## APPENDIX B

### INTEGRATED MONITORING RESULTS

**Ox Mountain Landfill Instantaneous Surface Emissions Monitoring  
Initial 500 ppmv Exceedances and Re-Monitoring Log**

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event				Corrective Actions		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
Monitoring Date	Grid Number	Coordinates	CH <sub>4</sub> Concentration (>500 ppmv)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
6/11/2024	0	37.50421, -122.41063	849.6	6/13/2024	Compacted and hydrated soil of effected area in the western perimeter.	6/13/2024	169.2	N/A	N/A	7/5/2024	81.6
6/24/2024	57	37.50200, -122.40883	832.9	6/24/2024	Compacted and hydrated effected area.	6/24/2024	307.3	N/A	N/A	7/5/2024	116.1
6/24/2024	86	37.50413, -122.41052	654.2	6/24/2024	Compacted and hydrated effected area.	6/24/2024	204.8	N/A	N/A	7/5/2024	215.6

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

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

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event				Corrective Actions		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
Monitoring Date	Cover Penetration ID	Coordinates	CH <sub>4</sub> Concentration (>500 ppmv)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
6/10/2024	OXEW1611	37.49929,-122.41134	687.6	6/12/2024	Increased negative pressure to well.	6/13/2024	66.0	N/A	N/A	7/5/2024	202.7
6/10/2024	OXEW1908	37.49997,-122.41181	1088.5	6/12/2024	Increased negative pressure to nearby well OXEW1611.	6/13/2024	382.9	N/A	N/A	7/5/2024	161.1
6/10/2024	OXEW2019	37.50044,-122.41111	703.7	6/13/2024	Compacted and hydrated soil around the well.	6/13/2024	172.5	N/A	N/A	7/5/2024	298.8
6/10/2024	OXEW2024	37.49939,-122.40976	1331.8	6/12/2024	Increased negative pressure to nearby well OXEW2103.	6/13/2024	126.0	N/A	N/A	7/5/2024	59.5
6/10/2024	OXEW2105	37.50053,-122.41124	539.5	6/13/2024	Compacted and hydrated soil around the well.	6/13/2024	230.7	N/A	N/A	7/5/2024	120.5
6/10/2024	OXCP0028	37.49930,-122.41126	584.3	6/12/2024	Increased negative pressure to nearby wells OXEW2103 and OXEW1611.	6/13/2024	95.7	N/A	N/A	7/5/2024	147.5
6/11/2024	OXEW2009	37.50553,-122.40838	7120.8	6/12/2024	Reconnected pump exhaust to wellhead.	6/13/2024	6.3	N/A	N/A	7/5/2024	1.1

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

ID - Identification

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

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OMLEW101	37.50482,-122.40943	6/11/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLEW104	37.50170,-122.41472	6/11/2024	4.7	N/A	N/A	N/A	N/A	N/A	N/A
OMLEW107	37.50170,-122.41476	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW59	37.50775,-122.40571	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW72	37.50011,-122.41523	6/11/2024	30.7	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW99	37.50466,-122.40636	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS01	37.49863,-122.41502	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS02	37.49793,-122.41486	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS03	37.49754,-122.41478	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS04	37.49641,-122.41400	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS05	37.49641,-122.41358	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS06	37.49639,-122.41328	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS07	37.49640,-122.41312	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS08	37.49637,-122.41282	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS09	37.49633,-122.41266	6/11/2024	1.4	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS10	37.49624,-122.41215	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS11	37.49620,-122.41179	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS12	37.49617,-122.41142	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS15	37.49589,-122.41024	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS16	37.49574,-122.40978	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS17	37.49557,-122.40942	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS18	37.49547,-122.40904	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS19	37.49559,-122.40848	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS20	37.49582,-122.40802	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW133B	37.49749,-122.41459	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW134A	37.49752,-122.41461	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW134B	37.49751,-122.41461	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW137B	37.49633,-122.41322	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1601	37.50205,-122.41174	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1602	37.50161,-122.41257	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1603	37.50093,-122.41226	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1604	37.50027,-122.41275	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1611	37.49929,-122.41134	6/10/2024	687.6	6/13/2024	66.0	N/A	N/A	7/5/2024	202.7
OXEW1612	37.50215,-122.41262	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1613	37.49982,-122.41278	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1614	37.49927,-122.41303	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1616	37.49853,-122.41224	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1617	37.49802,-122.41238	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1618	37.50002,-122.41308	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXEW1619	37.49674,-122.41275	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1620	37.49670,-122.41211	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1621	37.49726,-122.41276	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1622	37.49679,-122.41354	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1701	37.49753,-122.40844	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1702	37.49781,-122.40872	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1703	37.49811,-122.40944	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1705	37.49886,-122.41142	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1716	37.50766,-122.40636	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1717	37.50683,-122.40635	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1801	37.49882,-122.41306	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1804	37.50063,-122.41302	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1805	37.50104,-122.41296	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1806	37.49741,-122.41079	5/27/2024	18.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1807	37.49832,-122.41067	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1808	37.49873,-122.40930	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1809	37.50274,-122.41130	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1810	37.50836,-122.40523	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1811V	37.50033,-122.41373	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1811R	37.50038,-122.41413	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1812	37.50143,-122.41383	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1813	37.49854,-122.41171	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1815	37.49686,-122.40844	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1816	37.49807,-122.40847	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1817	37.49883,-122.40890	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1821	37.50973,-122.40565	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1822	37.50946,-122.40584	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1823	37.50918,-122.40598	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1824	37.50858,-122.40533	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1825	37.50814,-122.40531	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1826	37.50125,-122.41430	6/11/2024	9.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1901	37.49663,-122.41045	6/11/2024	1.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1902R	37.49791,-122.40922	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1902V	37.49737,-122.40888	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1904R	37.49838,-122.40968	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1904V	37.49820,-122.41015	6/10/2024	1.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1908	37.49997,-122.41181	6/10/2024	1088.5	6/13/2024	382.9	N/A	N/A	7/5/2024	161.1
OXEW1909	37.50086,-122.41117	6/10/2024	7.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1910	37.50112,-122.41167	6/10/2024	6.2	N/A	N/A	N/A	N/A	N/A	N/A

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

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXEW1911	37.50171,-122.41282	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1912	37.50203,-122.41227	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1913	37.50271,-122.41365	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1914	37.50281,-122.41239	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1915R	37.50609,-122.40637	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1915V	37.50605,-122.40617	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1916	37.50715,-122.40766	6/11/2024	2.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1917	37.50649,-122.40803	6/11/2024	14.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1919	37.50948,-122.40611	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1920	37.50991,-122.40562	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1921	37.50850,-122.40576	5/27/2024	13.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2001	37.50542,-122.40750	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2002	37.50607,-122.40671	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2003	37.50676,-122.40680	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2004	37.50733,-122.40623	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2005	37.50820,-122.40582	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2007	37.50885,-122.40573	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2008	37.50922,-122.40534	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2009	37.50553,-122.40838	6/11/2024	7120.8	6/13/2024	6.3	N/A	N/A	7/5/2024	1.1
OXEW2010	37.50618,-122.40817	6/11/2024	4.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2011	37.50682,-122.40741	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2012	37.50541,-122.40684	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2016	37.50063,-122.41247	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2017	37.50119,-122.41244	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2019	37.50044,-122.41111	6/10/2024	703.7	6/13/2024	172.5	N/A	N/A	7/5/2024	298.8
OXEW2020	37.49698,-122.40896	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2021	37.49680,-122.40792	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2022R	37.49837,-122.40970	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2022V	37.49779,-122.41015	6/14/2024	1.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2023	37.49853,-122.40967	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2024	37.49939,-122.40976	6/10/2024	1331.8	6/13/2024	126.0	N/A	N/A	7/5/2024	59.5
OXEW2025	37.50001,-122.41093	6/10/2024	133.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2026	37.49994,-122.40976	6/10/2024	96.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2027	37.50070,-122.41060	6/14/2024	121.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2028R	37.50015,-122.40942	6/10/2024	185.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2028V	37.50063,-122.41014	6/14/2024	209.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2029	37.49790,-122.41099	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2030	37.49890,-122.41217	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2031	37.49953,-122.41256	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXEW2101	37.49734,-122.41126	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2102R	37.49939,-122.41133	6/10/2024	29.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2102V	37.49893,-122.41097	6/10/2024	2.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2103	37.49957,-122.41022	6/10/2024	9.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2104	37.49979,-122.40902	6/10/2024	285.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2105	37.50053,-122.41124	6/10/2024	539.5	6/13/2024	230.7	N/A	N/A	7/5/2024	120.5
OXEW2106	37.50245,-122.41159	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2107	37.50506,-122.40743	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2108	37.50587,-122.40692	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2109	37.50641,-122.40735	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2110V	37.49877, -122.41032	6/10/2024	2.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2110R	37.49889, -122.41055	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2111	37.50138,-122.41087	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2112	37.50180,-122.40998	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2113	37.50180,-122.41098	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2207	37.49938, -122.41198	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2208	37.50146, -122.41142	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2209	37.49938, -122.41107	6/10/2024	404.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2210R	37.49790, -122.40921	6/10/2024	1.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2210V	37.49782, -122.40930	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2211	37.49833, -122.40880	6/10/2024	371.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2212	37.49915, -122.40906	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2213	37.50029, -122.40881	6/10/2024	144.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2214	37.49775, -122.40786	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEWHC6AV	37.50636,-122.40574	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEWHC6AR	37.50632,-122.40636	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC1922	37.50178,-122.41132	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2000	37.49803,-122.40758	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2001	37.49803,-122.40758	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2014	37.50170,-122.41019	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2015	37.50254,-122.40671	6/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2032	37.50032, -122.40767	6/10/2024	17.7	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2101	37.49938, -122.40840	6/10/2024	202.6	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2302	37.50428, -122.40742	6/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2301	37.50428, -122.40743	6/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCR4A1	37.50257,-122.40673	6/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCR4B1	37.50257,-122.40674	6/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS07	37.49789,-122.40745	6/10/2024	1.8	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS10	37.49933,-122.40824	6/10/2024	438.6	N/A	N/A	N/A	N/A	N/A	N/A

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

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXLCRS11	37.49933,-122.40823	6/10/2024	56.9	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS12	37.49986,-122.40795	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS3A	37.49633,-122.41322	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS3B	37.49633,-122.41322	6/11/2024	1.9	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS7B	37.49788,-122.40745	6/10/2024	2.1	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8A	37.50238,-122.40712	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8B	37.50240,-122.40728	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8C	37.50239,-122.40728	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS9A	37.50170,-122.41019	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS9B	37.50170,-122.41019	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXME302D	37.49674,-122.40813	5/27/2024	33.5	N/A	N/A	N/A	N/A	N/A	N/A
OXME306D	37.49647,-122.40899	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME312D	37.49795,-122.41173	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME316D	37.50128,-122.41347	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME317D	37.50062,-122.41358	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW113	37.49749,-122.41459	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW122	37.49563,-122.41037	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW126	37.50009,-122.41523	6/11/2024	24.6	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW138	37.49633,-122.41317	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW145	37.49790,-122.41459	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW156R	37.50636,-122.40638	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW156V	37.50644,-122.40594	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW158	37.50114,-122.41485	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW159	37.50088,-122.41495	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW162	37.49626,-122.41193	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW170	37.50871,-122.40513	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW173	37.50728,-122.40593	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW174R	37.50644,-122.40640	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW174V	37.50670,-122.40593	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW175R	37.50629,-122.40636	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW175V	37.50631,-122.40625	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW181	37.50178,-122.41392	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW182	37.49924,-122.41376	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW183	37.49869,-122.41411	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW184	37.49761,-122.41405	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW185	37.4973,-122.41389	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW186	37.49795,-122.41289	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW187	37.49748,-122.41294	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW188	37.49721,-122.41239	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXMEW189	37.49713,-122.41173	5/27/2024	32.2	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW190	37.49795,-122.41153	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW191	37.50720,-122.40664	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW192	37.50510,-122.40695	5/27/2024	1.7	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW194	37.50081,-122.41449	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW196	37.49875,-122.41364	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW199	37.49805,-122.41334	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW200	37.49747,-122.41332	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW201	37.49723,-122.41352	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW203	37.49671,-122.41452	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW204	37.49667,-122.41391	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW205	37.49750,-122.41211	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW209	37.49739,-122.40951	5/27/2024	60.8	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW210	37.49631,-122.40870	6/11/2024	13.6	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW300	37.49705,-122.40781	5/27/2024	28.1	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW302	37.49673,-122.40813	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW306	37.49647,-122.40898	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW307	37.49860,-122.41470	6/11/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW309	37.49711,-122.40952	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW310	37.49859,-122.41323	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW311	37.49661,-122.41136	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW312	37.49795,-122.41173	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW315	37.49730,-122.40837	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW316	37.50128,-122.41346	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW317	37.50063,-122.41359	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW318	37.49997,-122.41371	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW319	37.49935,-122.41333	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW320	37.49827,-122.41125	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW322	37.50214,-122.41328	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW323	37.50242,-122.41207	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW328	37.50151,-122.41214	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWHC1	37.49914,-122.41521	6/11/2024	11.8	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW05	37.50532,-122.40811	6/11/2024	19.8	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW06	37.50466,-122.40843	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW08V	37.50472,-122.40710	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW08R	37.50584,-122.40694	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW18R	37.50331,-122.41076	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW18V	37.50314,-122.41083	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW1G	37.50616,-122.40836	6/11/2024	2.1	N/A	N/A	N/A	N/A	N/A	N/A

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

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXMEWW1S	37.50430,-122.41031	6/11/2024	13.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW26R	37.50007,-122.41526	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF03	37.49539,-122.41078	6/11/2024	4.2	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF04	37.49539,-122.41076	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF06	37.49536,-122.41074	6/11/2024	3.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW30	37.50718,-122.40739	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW31	37.50663,-122.40775	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW32	37.50608,-122.40638	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW33	37.50546,-122.40648	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW35	37.50601,-122.40736	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW44	37.50402,-122.41013	6/11/2024	165.2	N/A	N/A	N/A	N/A	N/A	N/A
OXPEW30A	37.50177,-122.41465	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2033	37.49954,-122.40810	6/10/2024	1.6	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2034	37.49969,-122.40803	6/10/2024	1.8	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2215	37.49882,-122.40974	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2216	37.50179,-122.41003	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP01	37.50615,-122.40603	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP02	37.49912,-122.41517	6/18/2024	124.6	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP2A	37.49912,-122.41521	6/11/2024	150.9	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP2B	37.49913,-122.41523	6/11/2024	183.2	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0001	37.50036,-122.41458	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0002	37.50092,-122.41471	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0003	37.49614,-122.41163	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0004	37.49608,-122.41108	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0006	37.49628,-122.41225	6/11/2024	1.6	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0007	37.49925,-122.41176	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0008	37.50178,-122.41070	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0009	37.49919,-122.41009	6/18/2024	167.8	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0013	37.49548,-122.41081	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0015	37.49565,-122.41038	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0016	37.49599,-122.41065	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0017	37.49735,-122.41340	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0018	37.49729,-122.41276	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0019	37.49719,-122.41155	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0022	37.50154,-122.41477	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0023	37.49566,-122.41040	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0025	37.49587,-122.41037	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0026	37.49879,-122.40821	6/10/2024	69.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0028	37.49930,-122.41126	6/10/2024	584.3	6/13/2024	95.7	N/A	N/A	7/5/2024	147.5

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

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXCP0029	37.49935,-122.41157	6/10/2024	236.7	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0030	37.50014,-122.41021	6/14/2024	355.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0032	37.49622,-122.41249	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0033	37.49627,-122.41279	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0034	37.49895,-122.41110	6/18/2024	3.6	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0035	37.49900,-122.41214	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0037	37.49817,-122.41012	6/18/2024	67.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0038	37.49563,-122.41038	6/11/2024	109.8	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0040	37.49717,-122.41458	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0041	37.49567,-122.41038	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0042	37.49566,-122.41037	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0043	37.49566,-122.41035	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0044	37.49562,-122.41039	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0045	37.49564,-122.41034	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0046	37.49564,-122.41031	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0047	37.49563,-122.41030	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0048	37.50058,-122.40756	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0051	37.50219,-122.41094	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0052	37.50221,-122.41098	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0053	37.49539,-122.41077	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0054	37.49537,-122.41075	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0056	37.49681,-122.40729	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0064	37.50257,-122.40675	6/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0067	37.50032,-122.41375	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0068	37.50841,-122.40583	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0069	37.50642,-122.40639	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0072	37.49929,-122.41527	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0076	37.50206,-122.41128	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0079	37.49886,-122.41000	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0080	37.49572,-122.41062	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0081	37.49614,-122.41226	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0085	37.49902,-122.40860	6/18/2024	41.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0086	37.50680,-122.40771	6/18/2024	1.8	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0087	37.49560,-122.41016	6/11/2024	2.3	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0088	37.49591,-122.40781	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0089	37.49843,-122.40782	6/18/2024	3.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0090	37.50356,-122.41165	6/18/2024	294.2	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0091	37.50358,-122.41172	6/18/2024	80.3	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0092	37.50356,-122.41180	6/18/2024	22.1	N/A	N/A	N/A	N/A	N/A	N/A

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

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXCP0093	37.50352,-122.41184	6/18/2024	331.8	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0094	37.50355,-122.41172	6/18/2024	162.3	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0096	37.49932,-122.41404	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0097	37.50177,-122.41463	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0098	37.50098,-122.41496	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0099	37.50057,-122.40755	6/10/2024	137.6	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0100	37.50114,-122.40727	6/14/2024	341.8	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0101	37.50254,-122.40713	6/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0102	37.49666,-122.41402	6/11/2024	1.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0103	37.50339,-122.40666	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0104	37.50267,-122.40697	6/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0108	37.50202,-122.41424	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0109	37.50211,-122.41449	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0110	37.50213,-122.41450	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0111	37.50212,-122.41450	6/11/2024	1.5	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0112	37.50152,-122.41464	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0113	37.50634,-122.40597	5/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0114	37.50549,-122.40744	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0115	37.49717,-122.41458	6/18/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

ID - Identification

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

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

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Grid Number/Cover Penetration ID	Coordinates	Initial Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (>200 ppmv)
OXCP0029	37.49933,-122.41158	6/10/2024	236.7
OXEW2104	37.49976,-122.40902	6/10/2024	285.6
OXEW2209	37.49936,-122.41111	6/10/2024	404.7
OXEW2211	37.49829,-122.40880	6/10/2024	371.5
OXHC2101	37.49939,-122.40843	6/10/2024	202.6
OXLCRS10	37.49932,-122.40826	6/10/2024	438.6
OXCP0100	37.50111,-122.40729	6/14/2024	341.8
OXEW2028V	37.50052,-122.41029	6/14/2024	209.6
OXCP0030	37.50001,-122.41044	6/14/2024	355.1
OXCP0090	37.50352,-122.41170	6/18/2024	294.2
OXCP0093	37.50355,-122.41197	6/18/2024	331.8
OXEW1908	37.49997,-122.41185	6/13/2024	382.9
OXEW2105	37.50042,-122.41169	6/13/2024	230.7
OXEW1611	37.49930,-122.41132	7/5/2024	202.7
OXEW2019	37.50042,-122.41126	7/5/2024	298.8
Grid 96	37.49856,-122.41081	5/31/2024	224.0
Grid 109	37.49677,-122.41127	6/10/2024	314.6
Grid 109	37.49677,-122.41122	6/10/2024	259.9
Grid 109	37.49675,-122.41118	6/10/2024	358.8
Grid 109	37.49672,-122.41117	6/10/2024	246.4
Grid 55	37.50490,-122.40914	6/11/2024	382.0
Grid 0	37.50425,-122.41057	6/11/2024	245.9
Grid 0	37.50419,-122.41067	6/11/2024	302.5
Grid 38	37.50062,-122.40768	6/21/2024	209.2
Grid 58	37.50070,-122.40878	6/21/2024	224.3
Grid 45	37.50031,-122.40835	6/21/2024	232.0
Grid 37	37.50232,-122.40774	6/22/2024	206.6
Grid 57	37.50201,-122.40884	6/24/2024	349.1
Grid 57	37.50192,-122.40897	6/24/2024	333.8
Grid 86	37.50301,-122.41035	6/24/2024	296.3
Grid 86	37.50301,-122.41032	6/24/2024	228.4
Grid 86	37.50415,-122.41054	6/24/2024	357.7
Grid 168	37.49805,-122.40783	6/24/2024	220.4
Grid 168	37.49841,-122.40787	6/24/2024	235.1

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

ID - Identification

## APPENDIX C

### INSTANTANEOUS MONITORING RESULTS

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Initial 25 ppmv Exceedances and Re-Monitoring Log

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Grid Number	Initial Monitoring Event		Corrective Actions		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		Comments
	Monitoring Date	CH <sub>4</sub> Concentration (>25 ppmv)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration	Monitoring Date	CH <sub>4</sub> Concentration	
58	6/21/2024	27.1	6/24/2024	Increased vacuum in surrounding wells to abate exceedance.	6/24/2024	21.4	N/A	N/A	N/A

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Perimeter	6/11/2024	4.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 1	5/28/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 2	5/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 3	5/28/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 4	5/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 5	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 6	5/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 7	5/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 8	5/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 9	5/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 10	5/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 11	5/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 12	5/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 13	5/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 14	5/30/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 15	5/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 16	5/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 17	5/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 18	5/28/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 19	5/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 20	5/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 21	5/30/2024	0.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 22	6/21/2024	0.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 23	6/22/2024	0.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 24	5/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 25	5/30/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 26	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 27	5/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 28	5/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 29	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 30	6/22/2024	8.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 31	6/21/2024	6.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 32	6/8/2024	2.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 33	6/8/2024	0.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 34	5/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 35	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 36	*	*	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 37	6/22/2024	6.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 38	6/21/2024	13.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 39	5/31/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 40	5/13/2024	0.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 41	6/22/2024	0.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 42	6/22/2024	1.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 43	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 44	6/24/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 45	6/21/2024	22.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 46	5/13/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 47	6/22/2024	7.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 48	6/11/2024	5.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 49	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 50	6/24/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 51	6/21/2024	13.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 52	5/31/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 53	5/13/2024	0.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 54	5/13/2024	0.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 55	6/11/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 56	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 57	6/24/2024	23.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 58	6/21/2024	27.1	Grid 58	6/24/2024	21.4	N/A	N/A	N/A
Grid 59	6/24/2024	7.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 60	6/21/2024	8.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 61	5/31/2024	5.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 62	5/13/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 63	6/11/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 64	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 65	6/24/2024	21.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 66	6/10/2024	8.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 67	5/10/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 68	5/31/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 69	5/14/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 70	5/13/2024	0.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 71	6/11/2024	9.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 72	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 73	6/10/2024	8.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 74	6/10/2024	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 75	5/10/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 76	5/31/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 77	5/14/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 78	6/11/2024	9.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 79	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 80	6/10/2024	9.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 81	6/10/2024	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 82	5/10/2024	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 83	5/31/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 84	5/14/2024	1.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 85	5/13/2024	0.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 86	6/11/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 87	6/10/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 88	6/10/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 89	5/10/2024	11.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 90	5/31/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 91	5/14/2024	0.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 92	6/11/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 93	6/10/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 94	6/10/2024	9.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 95	5/10/2024	10.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 96	5/31/2024	8.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 97	5/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 98	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 99	6/10/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 100	6/10/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 101	5/10/2024	10.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 102	5/31/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 103	5/14/2024	0.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 104	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 105	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 106	6/10/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 107	5/10/2024	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 108	5/31/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 109	5/14/2024	6.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 110	*	*	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 111	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 112	6/10/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 113	5/10/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 114	6/21/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 115	5/14/2024	1.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 116	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 117	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 118	6/10/2024	8.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 119	6/10/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 120	6/21/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 121	5/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 122	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 123	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 124	6/10/2024	5.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 125	6/10/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 126	6/21/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 127	5/14/2024	0.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 128	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 129	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 130	6/10/2024	5.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 131	6/10/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 132	6/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 133	5/14/2024	0.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 134	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 135	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 136	6/10/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 137	6/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 138	5/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 139	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 140	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 141	6/10/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 142	6/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 143	5/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 144	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 145	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 146	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 147	6/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

Technician(s): Matt Bowman and Lusi Naivalurua

Quarter: 2nd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 148	5/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 149	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 150	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 151	6/11/2024	0.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 152	6/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 153	5/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 154	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 155	6/11/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 156	6/22/2024	0.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 157	6/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 158	6/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 159	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 160	6/22/2024	0.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 161	6/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 162	6/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 163	6/22/2024	17.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 164	6/22/2024	17.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 165	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 166	6/21/2024	7.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 167	5/10/2024	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 168	6/24/2024	5.9	N/A	N/A	N/A	N/A	N/A	N/A

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

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

## APPENDIX D

### CALIBRATION LOGS

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

LANDFILL NAME: Ox Mountain

DATE: 5/10/2024

TIME: 7:52 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 497 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 305-4018194575 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 05-28-2024 Span Gas Expiration Date: 09-11-2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 5/10/2024

TIME: 7:52 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 1 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 1 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 5/10/2024

TIME: 7:52 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

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

Stable instrument reading: 496 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 5/10/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:52 AM	Time:	3:05 PM
Temperature:	56 °F	Temperature:	69 °F
Barometer:	29.96 " Hg	Barometer:	29.95 " Hg
Humidity:	77 %	Humidity:	58 %
Wind Speed:	2 mph	Wind Speed:	6 mph
Wind Direction:	SE °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 5/13/2024

TIME: 11:41 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 498 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 498 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 305-401819457 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 05-28-2024 Span Gas Expiration Date: 09-11-2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 5/13/2024

TIME: 11:41 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 498 ppm

90% of the Stabilized Reading: 448 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 1 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 498 ppm

90% of the Stabilized Reading: 448 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 1 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 5/13/2024

TIME: 11:41 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm

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

Stable instrument reading: 497 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 5/13/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	11:41 AM	Time:	12:00 AM
Temperature:	57 °F	Temperature:	N/A °F
Barometer:	29.98 " Hg	Barometer:	N/A " Hg
Humidity:	81 %	Humidity:	N/A %
Wind Speed:	6 mph	Wind Speed:	N/A mph
Wind Direction:	W °	Wind Direction:	N/A °

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

LANDFILL NAME: Ox Mountain

DATE: 5/14/2024

TIME: 11:20 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 494 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 495 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 305-4018194575 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 05-28-2024 Span Gas Expiration Date: 09-11-2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 5/14/2024

TIME: 11:20 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 2 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 5/14/2024

TIME: 11:20 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm

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

Stable instrument reading: 494 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 5/14/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	11:20 AM	Time:	4:12 PM
Temperature:	55 °F	Temperature:	61 °F
Barometer:	29.94 " Hg	Barometer:	29.90 " Hg
Humidity:	86 %	Humidity:	74 %
Wind Speed:	5 mph	Wind Speed:	8 mph
Wind Direction:	SW °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 5/15/2024

TIME: 9:08 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 497 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 494 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 305-4018194575 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 05-28-2024 Span Gas Expiration Date: 09-11-2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 5/15/2024

TIME: 9:08 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 497 ppm

90% of the Stabilized Reading: 447 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 1 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 494 ppm

90% of the Stabilized Reading: 444 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 1 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 497 ppm

90% of the Stabilized Reading: 447 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 1 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 1 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 5/15/2024

TIME: 9:08 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

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

Stable instrument reading: 496 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 5/15/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:08 AM	Time:	4:00 PM
Temperature:	53 °F	Temperature:	52 °F
Barometer:	29.91 " Hg	Barometer:	29.89 " Hg
Humidity:	98 %	Humidity:	75 %
Wind Speed:	4 mph	Wind Speed:	3 mph
Wind Direction:	SW °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 5/27/2024

TIME: 7:43 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 500 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 499 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +0%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-402719356-1
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 04/17/2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 5/27/2024

TIME: 7:43 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 500 ppm

90% of the Stabilized Reading: 450 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 499 ppm

90% of the Stabilized Reading: 449 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 5/27/2024

TIME: 7:43 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 500 ppm

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 ppm

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

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

Stable instrument reading: 498 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 5/27/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:43 AM	Time:	11:58 AM
Temperature:	51 °F	Temperature:	59 °F
Barometer:	30.04 " Hg	Barometer:	30.07 " Hg
Humidity:	90 %	Humidity:	70 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 5/28/2024

TIME: 7:55 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 497 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 305-401819457 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 05-28-2024 Span Gas Expiration Date: 09-11-2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 5/28/2024

TIME: 7:55 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 1 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 1 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 0 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 0 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 5/28/2024

TIME: 7:55 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

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

Stable instrument reading: 496 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 5/28/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:55 AM	Time:	12:15 PM
Temperature:	51 °F	Temperature:	54 °F
Barometer:	30.08 " Hg	Barometer:	30.10 " Hg
Humidity:	94 %	Humidity:	84 %
Wind Speed:	7 mph	Wind Speed:	8 mph
Wind Direction:	NW °	Wind Direction:	NW °

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

LANDFILL NAME: Ox Mountain

DATE: 5/30/2024

TIME: 10:22 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 495 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-402790174-1
Zero Gas Expiration Date: 08-25-2025	Span Gas Expiration Date: 09-11-2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 5/30/2024

TIME: 10:22 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 495 ppm

90% of the Stabilized Reading: 445 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 1 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 2 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 495 ppm

90% of the Stabilized Reading: 445 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 0 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 1 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 5/30/2024

TIME: 10:22 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm

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

Stable instrument reading: 495 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 5/30/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:22 AM	Time:	3:24 PM
Temperature:	60 °F	Temperature:	65 °F
Barometer:	30.01 " Hg	Barometer:	29.96 " Hg
Humidity:	77 %	Humidity:	64 %
Wind Speed:	5 mph	Wind Speed:	7 mph
Wind Direction:	NW °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 5/31/2024

TIME: 07:38 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 497 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 497 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 08-25-2025 Span Gas Expiration Date: 09-11-2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 5/31/2024

TIME: 07:38 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 497 ppm

90% of the Stabilized Reading: 447 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 1 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 497 ppm

90% of the Stabilized Reading: 447 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 1 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 0 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 1 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain DATE:

5/31/2024

TIME: 07:38 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

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

Stable instrument reading: 497 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 5/31/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	07:38 AM	Time:	2:30 PM
Temperature:	55 °F	Temperature:	63 °F
Barometer:	29.93 " Hg	Barometer:	29.91 " Hg
Humidity:	77 %	Humidity:	54 %
Wind Speed:	0 mph	Wind Speed:	23 mph
Wind Direction:	CALM°	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 6/8/2024

TIME: 7:14 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 494 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 494 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>304-402719356-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>04/17/2027</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 6/8/2024

TIME: 7:14 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 6/8/2024

TIME: 7:14 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

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

Stable instrument reading: 494 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 6/8/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:14 AM	Time:	10:30 AM
Temperature:	53 °F	Temperature:	57 °F
Barometer:	29.90 " Hg	Barometer:	29.92 " Hg
Humidity:	95 %	Humidity:	87 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 6/10/2024

TIME: 7:20 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 491 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 492 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 492 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 08-25-2025 Span Gas Expiration Date: 09-11-2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 6/10/2024

TIME: 7:20 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 491 ppm  
90% of the Stabilized Reading: 441 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 6/10/2024

TIME: 7:20 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 491 ppm

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 492 ppm

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm

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

Stable instrument reading: 491 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 6/10/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:20 AM	Time:	4:57 PM
Temperature:	51 °F	Temperature:	63 °F
Barometer:	29.95 " Hg	Barometer:	29.92 " Hg
Humidity:	96 %	Humidity:	73 %
Wind Speed:	5 mph	Wind Speed:	7 mph
Wind Direction:	SW °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 6/10/2024

TIME: 6:54 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 494 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-402719356-1
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 04/17/2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 6/10/2024

TIME: 6:54 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 6/10/2024

TIME: 6:54 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

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

Stable instrument reading: 494 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 6/10/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	6:54 AM	Time:	2:46 PM
Temperature:	52 °F	Temperature:	64 °F
Barometer:	29.95 " Hg	Barometer:	29.93 " Hg
Humidity:	96 %	Humidity:	72 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	SW °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 6/11/2024

TIME: 7:46 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 492 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 492 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 493 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-402790174-1
Zero Gas Expiration Date: 08-25-2025	Span Gas Expiration Date: 09-11-2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 6/11/2024

TIME: 7:46 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 493 ppm  
90% of the Stabilized Reading: 443 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (3)

#### CALCULATE RESPONSE TIME:

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

= 7 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 6/11/2024

TIME: 7:46 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 492 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 492 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 493 ppm

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

Stable instrument reading: 492 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 6/11/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:46 AM	Time:	1:37 PM
Temperature:	55 °F	Temperature:	69 °F
Barometer:	29.90 " Hg	Barometer:	29.89 " Hg
Humidity:	91 %	Humidity:	71 %
Wind Speed:	3 mph	Wind Speed:	6 mph
Wind Direction:	SW °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 6/11/2024

TIME: 8:14 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 1 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>304-402719356-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>04/17/2027</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 6/11/2024

TIME: 8:14 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 6/11/2024

TIME: 8:14 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

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

Stable instrument reading: 496 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 6/11/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:14 AM	Time:	4:01 PM
Temperature:	55 °F	Temperature:	69 °F
Barometer:	29.91 " Hg	Barometer:	29.87 " Hg
Humidity:	94 %	Humidity:	65 %
Wind Speed:	3 mph	Wind Speed:	5 mph
Wind Direction:	SW °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 6/13/2024

TIME: 7:40 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 497 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 498 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>304-402719356-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>04/17/2027</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 6/13/2024

TIME: 7:40 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 6/13/2024

TIME: 7:40 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 498 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

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

Stable instrument reading: 497 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 6/13/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:40 AM	Time:	9:21 AM
Temperature:	52 °F	Temperature:	55 °F
Barometer:	29.94 " Hg	Barometer:	29.96 " Hg
Humidity:	93 %	Humidity:	88 %
Wind Speed:	5 mph	Wind Speed:	5 mph
Wind Direction:	SW °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 6/14/2024

TIME: 9:03 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 497 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-402719356-1  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 04/17/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 6/14/2024

TIME: 9:03 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 6/14/2024

TIME: 9:03 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

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

Stable instrument reading: 496 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 6/14/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:03 AM	Time:	11:45 AM
Temperature:	54 °F	Temperature:	59 °F
Barometer:	30.06 " Hg	Barometer:	30.06 " Hg
Humidity:	87 %	Humidity:	75 %
Wind Speed:	4 mph	Wind Speed:	6 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 6/18/2024

TIME: 11:05 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 500 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 502 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 503 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +0%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-402719356-1
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 04/17/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 6/18/2024

TIME: 11:05 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 500 ppm  
90% of the Stabilized Reading: 450 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 502 ppm  
90% of the Stabilized Reading: 451 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 503 ppm  
90% of the Stabilized Reading: 452 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 6/18/2024

TIME: 11:05 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 500 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 502 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 503 ppm

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

Stable instrument reading: 501 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 6/18/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	11:05 AM	Time:	5:17 PM
Temperature:	62 °F	Temperature:	62 °F
Barometer:	29.86 " Hg	Barometer:	29.86 " Hg
Humidity:	66 %	Humidity:	62 %
Wind Speed:	4 mph	Wind Speed:	4 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 6/21/2024

TIME: 10:05 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 492 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 497 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-402790174-1
Zero Gas Expiration Date: 08-25-2025	Span Gas Expiration Date: 09-11-2027

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 6/21/2024

TIME: 10:05 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 492 ppm

90% of the Stabilized Reading: 442 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 497 ppm

90% of the Stabilized Reading: 447 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 497 ppm

90% of the Stabilized Reading: 447 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 6/21/2024

TIME: 10:05 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 492 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

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

Stable instrument reading: 495 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 6/21/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:05 AM	Time:	3:01 PM
Temperature:	55 °F	Temperature:	62 °F
Barometer:	29.85 " Hg	Barometer:	29.83 " Hg
Humidity:	90 %	Humidity:	78 %
Wind Speed:	5 mph	Wind Speed:	7 mph
Wind Direction:	SW °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 6/21/2024

TIME: 11:21 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 497 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-402719356-1
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 04/17/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 6/21/2024

TIME: 11:21 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 6/21/2024

TIME: 11:21 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

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

Stable instrument reading: 496 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 1 ppm (2)

Calculate Background Value:

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

Background = 1 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 6/21/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	11:21 AM	Time:	3:11 PM
Temperature:	57 °F	Temperature:	62 °F
Barometer:	29.85 " Hg	Barometer:	29.83 " Hg
Humidity:	87 %	Humidity:	78 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	SW °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 6/22/2024

TIME: 10:26 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 498 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 497 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129

Span Gas Serial Number: 304-402719356-1

Zero Gas Expiration Date: 08/25/2025

Span Gas Expiration Date: 04/17/2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 6/22/2024

TIME: 10:26 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 6/22/2024

TIME: 10:26 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

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

Stable instrument reading: 496 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 6/22/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:26 AM	Time:	3:21 PM
Temperature:	61 °F	Temperature:	67 °F
Barometer:	29.83 " Hg	Barometer:	29.82 " Hg
Humidity:	79 %	Humidity:	66 %
Wind Speed:	3 mph	Wind Speed:	3 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 6/24/2024

TIME: 7:47 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 507 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 508 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 504 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-402790174-1  
Zero Gas Expiration Date: 08-25-2025 Span Gas Expiration Date: 09-11-2027

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 6/24/2024

TIME: 7:47 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 507 ppm  
90% of the Stabilized Reading: 456 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 508 ppm  
90% of the Stabilized Reading: 457 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 504 ppm  
90% of the Stabilized Reading: 453 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

#### CALCULATE RESPONSE TIME:

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

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 6/24/2024

TIME: 7:47 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 507 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 508 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 504 ppm

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

Stable instrument reading: 506 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 6/24/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:47 AM	Time:	9:03 AM
Temperature:	53 °F	Temperature:	57 °F
Barometer:	29.93 " Hg	Barometer:	29.93 " Hg
Humidity:	93 %	Humidity:	86 %
Wind Speed:	3 mph	Wind Speed:	4 mph
Wind Direction:	SW °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 7/5/2024

TIME: 9:13 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 499 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 499 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 498 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +0%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>304-402719356-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>04/17/2027</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 7/5/2024

TIME: 9:13 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 499 ppm  
90% of the Stabilized Reading: 449 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 ppm  
90% of the Stabilized Reading: 449 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 8 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 7/5/2024

TIME: 9:13 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm

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

Stable instrument reading: 498 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 7/5/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather Half Moon Bay, CA</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:13 AM	Time:	10:16 AM
Temperature:	62 °F	Temperature:	65 °F
Barometer:	29.98 " Hg	Barometer:	29.97 " Hg
Humidity:	83 %	Humidity:	77 %
Wind Speed:	2 mph	Wind Speed:	4 mph
Wind Direction:	NW °	Wind Direction:	NW °

## APPENDIX E

### WEATHER DATA

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/10/2024 6:00	55.0	0.0	0.0		0.0
5/10/2024 6:05	54.0	0.0	2.0	SW	0.0
5/10/2024 6:10	54.0	0.0	1.0	SW	0.0
5/10/2024 6:15	54.0	0.0	1.0	SW	0.0
5/10/2024 6:20	54.0	0.0	2.0	SW	0.0
5/10/2024 6:25	54.0	0.0	0.0		0.0
5/10/2024 6:30	54.0	0.0	1.0	SSW	0.0
5/10/2024 6:35	55.0	0.0	1.0	SSW	0.0
5/10/2024 6:40	55.0	0.0	0.0		0.0
5/10/2024 6:45	55.0	0.0	1.0	SSW	0.0
5/10/2024 6:50	55.0	0.0	1.0	SSW	0.0
5/10/2024 6:55	55.0	0.0	0.0		0.0
5/10/2024 7:00	56.0	0.0	1.0	SSW	0.0
5/10/2024 7:05	57.0	0.0	0.0		0.0
5/10/2024 7:10	57.0	0.0	1.0	SSW	0.0
5/10/2024 7:15	58.0	0.0	0.0		0.0
5/10/2024 7:20	59.0	0.0	1.0	SW	0.0
5/10/2024 7:25	59.0	0.0	0.0		0.0
5/10/2024 7:30	60.0	0.0	0.0		0.0
5/10/2024 7:35	61.0	0.0	1.0	SW	0.0
5/10/2024 7:40	62.0	0.0	2.0	WSW	0.0
5/10/2024 7:45	63.0	0.0	1.0	W	0.0
5/10/2024 7:50	63.0	0.0	1.0	W	0.0
5/10/2024 7:55	64.0	0.0	1.0	W	0.0
5/10/2024 8:00	64.0	0.0	1.0	W	0.0
5/10/2024 8:05	65.0	0.0	2.0	W	0.0
5/10/2024 8:10	66.0	0.0	3.0	WNW	0.0
5/10/2024 8:15	66.0	1.0	4.0	N	0.0
5/10/2024 8:20	66.0	0.0	3.0	NNE	0.0
5/10/2024 8:25	66.0	1.0	3.0	WNW	0.0
5/10/2024 8:30	66.0	2.0	6.0	WNW	0.0
5/10/2024 8:35	66.0	1.0	4.0	NNW	0.0
5/10/2024 8:40	67.0	1.0	2.0	N	0.0
5/10/2024 8:45	67.0	1.0	4.0	N	0.0
5/10/2024 8:50	68.0	2.0	4.0	NNW	0.0
5/10/2024 8:55	68.0	2.0	4.0	NW	0.0
5/10/2024 9:00	68.0	1.0	3.0	NW	0.0
5/10/2024 9:05	68.0	1.0	4.0	NNW	0.0
5/10/2024 9:10	68.0	2.0	7.0	NNW	0.0
5/10/2024 9:15	68.0	1.0	4.0	WNW	0.0
5/10/2024 9:20	69.0	1.0	4.0	NNW	0.0
5/10/2024 9:25	69.0	2.0	6.0	NNE	0.0
5/10/2024 9:30	68.0	2.0	5.0	NNE	0.0
5/10/2024 9:35	68.0	3.0	5.0	NNE	0.0
5/10/2024 9:40	68.0	1.0	5.0	NNE	0.0
5/10/2024 9:45	69.0	1.0	3.0	NE	0.0
5/10/2024 9:50	70.0	1.0	4.0	NNW	0.0
5/10/2024 9:55	71.0	1.0	4.0	NE	0.0
5/10/2024 10:00	71.0	2.0	4.0	N	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/10/2024 10:05	71.0	0.0	4.0	N	0.0
5/10/2024 10:10	71.0	1.0	3.0	W	0.0
5/10/2024 10:15	71.0	2.0	6.0	ESE	0.0
5/10/2024 10:20	71.0	2.0	7.0	E	0.0
5/10/2024 10:25	70.0	3.0	7.0	E	0.0
5/10/2024 10:30	70.0	3.0	8.0	ENE	0.0
5/10/2024 10:35	70.0	3.0	7.0	ENE	0.0
5/10/2024 10:40	70.0	3.0	6.0	NNE	0.0
5/10/2024 10:45	71.0	2.0	5.0	N	0.0
5/10/2024 10:50	72.0	3.0	7.0	ENE	0.0
5/10/2024 10:55	71.0	3.0	7.0	ENE	0.0
5/10/2024 11:00	71.0	2.0	4.0	ESE	0.0
5/10/2024 11:05	72.0	2.0	5.0	NNE	0.0
5/10/2024 11:10	72.0	2.0	6.0	E	0.0
5/10/2024 11:15	73.0	3.0	6.0	NNE	0.0
5/10/2024 11:20	74.0	4.0	8.0	NE	0.0
5/10/2024 11:25	73.0	5.0	10.0	ESE	0.0
5/10/2024 11:30	72.0	5.0	8.0	E	0.0
5/10/2024 11:35	72.0	6.0	10.0	E	0.0
5/10/2024 11:40	71.0	6.0	10.0	E	0.0
5/10/2024 11:45	71.0	7.0	11.0	E	0.0
5/10/2024 11:50	71.0	7.0	11.0	E	0.0
5/10/2024 11:55	70.0	8.0	11.0	E	0.0
5/10/2024 12:00	70.0	5.0	10.0	E	0.0
5/10/2024 12:05	71.0	6.0	11.0	ESE	0.0
5/10/2024 12:10	70.0	6.0	10.0	ESE	0.0
5/10/2024 12:15	70.0	6.0	10.0	ENE	0.0
5/10/2024 12:20	70.0	5.0	9.0	E	0.0
5/10/2024 12:25	71.0	6.0	9.0	ENE	0.0
5/10/2024 12:30	71.0	6.0	10.0	SE	0.0
5/10/2024 12:35	71.0	7.0	10.0	ESE	0.0
5/10/2024 12:40	71.0	6.0	10.0	E	0.0
5/10/2024 12:45	72.0	6.0	10.0	ENE	0.0
5/10/2024 12:50	73.0	6.0	10.0	E	0.0
5/10/2024 12:55	74.0	6.0	9.0	E	0.0
5/10/2024 13:00	74.0	5.0	9.0	ENE	0.0
5/10/2024 13:05	74.0	5.0	9.0	E	0.0
5/10/2024 13:10	74.0	5.0	9.0	E	0.0
5/10/2024 13:15	75.0	5.0	9.0	ENE	0.0
5/10/2024 13:20	76.0	4.0	8.0	E	0.0
5/10/2024 13:25	76.0	6.0	9.0	ESE	0.0
5/10/2024 13:30	76.0	5.0	9.0	ESE	0.0
5/10/2024 13:35	76.0	6.0	10.0	E	0.0
5/10/2024 13:40	76.0	4.0	8.0	ENE	0.0
5/10/2024 13:45	76.0	5.0	8.0	ENE	0.0
5/10/2024 13:50	77.0	5.0	10.0	E	0.0
5/10/2024 13:55	77.0	4.0	8.0	ESE	0.0
5/10/2024 14:00	77.0	5.0	9.0	ESE	0.0
5/10/2024 14:05	77.0	5.0	11.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/10/2024 14:10	77.0	6.0	11.0	ESE	0.0
5/10/2024 14:15	77.0	6.0	11.0	ESE	0.0
5/10/2024 14:20	77.0	6.0	9.0	SE	0.0
5/10/2024 14:25	77.0	5.0	9.0	E	0.0
5/10/2024 14:30	77.0	7.0	11.0	ESE	0.0
5/10/2024 14:35	78.0	5.0	12.0	ESE	0.0
5/10/2024 14:40	77.0	9.0	12.0	E	0.0
5/10/2024 14:45	76.0	8.0	11.0	SE	0.0
5/10/2024 14:50	76.0	8.0	12.0	ESE	0.0
5/10/2024 14:55	76.0	7.0	11.0	E	0.0
5/10/2024 15:00	76.0	7.0	11.0	ESE	0.0
5/10/2024 15:05	76.0	8.0	12.0	E	0.0
5/10/2024 15:10	75.0	8.0	12.0	ESE	0.0
5/10/2024 15:15	74.0	8.0	13.0	E	0.0
5/10/2024 15:20	74.0	9.0	14.0	ESE	0.0
5/10/2024 15:25	75.0	9.0	14.0	ESE	0.0
5/10/2024 15:30	75.0	10.0	15.0	ESE	0.0
5/10/2024 15:35	75.0	10.0	14.0	ESE	0.0
5/10/2024 15:40	75.0	10.0	14.0	E	0.0
5/10/2024 15:45	74.0	8.0	13.0	ESE	0.0
5/10/2024 15:50	74.0	9.0	15.0	E	0.0
5/10/2024 15:55	73.0	10.0	15.0	ESE	0.0
5/10/2024 16:00	73.0	9.0	14.0	ESE	0.0
5/10/2024 16:05	73.0	9.0	14.0	E	0.0
5/10/2024 16:10	74.0	10.0	14.0	E	0.0
5/10/2024 16:15	73.0	8.0	11.0	E	0.0
5/10/2024 16:20	74.0	7.0	13.0	ESE	0.0
5/10/2024 16:25	75.0	6.0	11.0	SE	0.0
5/10/2024 16:30	75.0	8.0	13.0	ESE	0.0
5/10/2024 16:35	75.0	10.0	15.0	SE	0.0
5/10/2024 16:40	74.0	9.0	15.0	ESE	0.0
5/10/2024 16:45	74.0	8.0	16.0	ESE	0.0
5/10/2024 16:50	73.0	9.0	14.0	SE	0.0
5/10/2024 16:55	73.0	9.0	15.0	ESE	0.0
5/10/2024 17:00	73.0	9.0	14.0	ESE	0.0
5/10/2024 17:05	73.0	10.0	15.0	SE	0.0
5/10/2024 17:10	72.0	6.0	14.0	ESE	0.0
5/10/2024 17:15	73.0	8.0	13.0	ESE	0.0
5/10/2024 17:20	73.0	8.0	15.0	ESE	0.0
5/10/2024 17:25	73.0	9.0	13.0	SE	0.0
5/10/2024 17:30	73.0	9.0	14.0	ESE	0.0
5/10/2024 17:35	73.0	9.0	14.0	ESE	0.0
5/10/2024 17:40	73.0	7.0	13.0	ESE	0.0
5/10/2024 17:45	73.0	6.0	14.0	E	0.0
5/10/2024 17:50	74.0	8.0	13.0	ESE	0.0
5/10/2024 17:55	73.0	9.0	15.0	E	0.0
5/10/2024 18:00	73.0	9.0	14.0	ESE	0.0
5/13/2024 6:00	53.0	3.0	9.0	ESE	0.0
5/13/2024 6:05	53.0	2.0	7.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/13/2024 6:10	53.0	3.0	7.0	ESE	0.0
5/13/2024 6:15	53.0	3.0	7.0	ESE	0.0
5/13/2024 6:20	53.0	4.0	7.0	E	0.0
5/13/2024 6:25	53.0	4.0	8.0	E	0.0
5/13/2024 6:30	53.0	3.0	6.0	ESE	0.0
5/13/2024 6:35	53.0	4.0	8.0	ESE	0.0
5/13/2024 6:40	53.0	5.0	9.0	E	0.0
5/13/2024 6:45	53.0	2.0	6.0	E	0.0
5/13/2024 6:50	53.0	3.0	6.0	E	0.0
5/13/2024 6:55	53.0	4.0	10.0	E	0.0
5/13/2024 7:00	53.0	6.0	10.0	E	0.0
5/13/2024 7:05	53.0	5.0	8.0	E	0.0
5/13/2024 7:10	53.0	5.0	9.0	E	0.0
5/13/2024 7:15	53.0	7.0	12.0	ENE	0.0
5/13/2024 7:20	52.0	5.0	12.0	E	0.0
5/13/2024 7:25	52.0	5.0	9.0	ESE	0.0
5/13/2024 7:30	52.0	6.0	9.0	E	0.0
5/13/2024 7:35	52.0	4.0	10.0	ENE	0.0
5/13/2024 7:40	52.0	6.0	10.0	ESE	0.0
5/13/2024 7:45	52.0	5.0	9.0	E	0.0
5/13/2024 7:50	52.0	3.0	6.0	E	0.0
5/13/2024 7:55	52.0	4.0	10.0	E	0.0
5/13/2024 8:00	52.0	4.0	9.0	E	0.0
5/13/2024 8:05	53.0	5.0	11.0	E	0.0
5/13/2024 8:10	53.0	5.0	11.0	E	0.0
5/13/2024 8:15	52.0	4.0	10.0	ESE	0.0
5/13/2024 8:20	52.0	5.0	9.0	E	0.0
5/13/2024 8:25	52.0	4.0	10.0	ESE	0.0
5/13/2024 8:30	52.0	3.0	7.0	E	0.0
5/13/2024 8:35	53.0	5.0	9.0	E	0.0
5/13/2024 8:40	53.0	5.0	10.0	ESE	0.0
5/13/2024 8:45	53.0	6.0	10.0	E	0.0
5/13/2024 8:50	53.0	4.0	8.0	ENE	0.0
5/13/2024 8:55	53.0	5.0	10.0	SSE	0.0
5/13/2024 9:00	53.0	6.0	11.0	ESE	0.0
5/13/2024 9:05	53.0	4.0	9.0	E	0.0
5/13/2024 9:10	53.0	4.0	10.0	ESE	0.0
5/13/2024 9:15	53.0	7.0	11.0	E	0.0
5/13/2024 9:20	53.0	4.0	10.0	E	0.0
5/13/2024 9:25	53.0	5.0	11.0	E	0.0
5/13/2024 9:30	53.0	5.0	10.0	ESE	0.0
5/13/2024 9:35	53.0	5.0	11.0	E	0.0
5/13/2024 9:40	53.0	5.0	8.0	E	0.0
5/13/2024 9:45	53.0	3.0	6.0	ESE	0.0
5/13/2024 9:50	53.0	4.0	9.0	ENE	0.0
5/13/2024 9:55	54.0	2.0	4.0	ESE	0.0
5/13/2024 10:00	54.0	4.0	9.0	ENE	0.0
5/13/2024 10:05	54.0	2.0	6.0	E	0.0
5/13/2024 10:10	54.0	4.0	7.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/13/2024 10:15	54.0	2.0	7.0	ESE	0.0
5/13/2024 10:20	54.0	4.0	9.0	ESE	0.0
5/13/2024 10:25	54.0	3.0	6.0	ESE	0.0
5/13/2024 10:30	54.0	2.0	7.0	ENE	0.0
5/13/2024 10:35	54.0	3.0	9.0	ENE	0.0
5/13/2024 10:40	54.0	3.0	9.0	ENE	0.0
5/13/2024 10:45	55.0	2.0	6.0	E	0.0
5/13/2024 10:50	55.0	3.0	9.0	E	0.0
5/13/2024 10:55	55.0	4.0	9.0	ENE	0.0
5/13/2024 11:00	55.0	4.0	10.0	ENE	0.0
5/13/2024 11:05	55.0	4.0	11.0	E	0.0
5/13/2024 11:10	55.0	4.0	9.0	E	0.0
5/13/2024 11:15	55.0	2.0	7.0	ESE	0.0
5/13/2024 11:20	56.0	1.0	4.0	SE	0.0
5/13/2024 11:25	56.0	5.0	8.0	ESE	0.0
5/13/2024 11:30	56.0	4.0	9.0	E	0.0
5/13/2024 11:35	56.0	3.0	10.0	E	0.0
5/13/2024 11:40	57.0	5.0	11.0	E	0.0
5/13/2024 11:45	57.0	3.0	9.0	ESE	0.0
5/13/2024 11:50	57.0	5.0	10.0	ENE	0.0
5/13/2024 11:55	57.0	5.0	11.0	E	0.0
5/13/2024 12:00	57.0	5.0	11.0	ESE	0.0
5/13/2024 12:05	57.0	5.0	11.0	SE	0.0
5/13/2024 12:10	58.0	5.0	11.0	E	0.0
5/13/2024 12:15	57.0	3.0	10.0	ENE	0.0
5/13/2024 12:20	58.0	5.0	10.0	ENE	0.0
5/13/2024 12:25	58.0	4.0	8.0	ESE	0.0
5/13/2024 12:30	58.0	2.0	6.0	SW	0.0
5/13/2024 12:35	58.0	6.0	10.0	E	0.0
5/13/2024 12:40	58.0	7.0	14.0	E	0.0
5/13/2024 12:45	58.0	5.0	10.0	E	0.0
5/13/2024 12:50	58.0	4.0	8.0	E	0.0
5/13/2024 12:55	59.0	4.0	11.0	E	0.0
5/13/2024 13:00	59.0	4.0	12.0	E	0.0
5/13/2024 13:05	60.0	5.0	12.0	ESE	0.0
5/13/2024 13:10	60.0	5.0	10.0	ESE	0.0
5/13/2024 13:15	60.0	6.0	12.0	E	0.0
5/13/2024 13:20	60.0	7.0	12.0	SE	0.0
5/13/2024 13:25	59.0	7.0	14.0	ESE	0.0
5/13/2024 13:30	60.0	9.0	14.0	E	0.0
5/13/2024 13:35	59.0	8.0	15.0	E	0.0
5/13/2024 13:40	60.0	7.0	13.0	ESE	0.0
5/13/2024 13:45	60.0	10.0	17.0	E	0.0
5/13/2024 13:50	59.0	9.0	14.0	E	0.0
5/13/2024 13:55	60.0	7.0	15.0	E	0.0
5/13/2024 14:00	60.0	6.0	17.0	E	0.0
5/13/2024 14:05	60.0	7.0	13.0	ESE	0.0
5/13/2024 14:10	60.0	7.0	13.0	SE	0.0
5/13/2024 14:15	60.0	7.0	13.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/13/2024 14:20	60.0	9.0	16.0	ESE	0.0
5/13/2024 14:25	60.0	6.0	10.0	SE	0.0
5/13/2024 14:30	61.0	10.0	14.0	E	0.0
5/13/2024 14:35	60.0	8.0	14.0	ESE	0.0
5/13/2024 14:40	60.0	8.0	13.0	E	0.0
5/13/2024 14:45	61.0	8.0	17.0	ENE	0.0
5/13/2024 14:50	60.0	10.0	16.0	ESE	0.0
5/13/2024 14:55	60.0	9.0	14.0	E	0.0
5/13/2024 15:00	60.0	7.0	14.0	SE	0.0
5/13/2024 15:05	61.0	8.0	13.0	E	0.0
5/13/2024 15:10	61.0	9.0	14.0	ESE	0.0
5/13/2024 15:15	60.0	9.0	17.0	ESE	0.0
5/13/2024 15:20	60.0	8.0	14.0	ESE	0.0
5/13/2024 15:25	60.0	7.0	12.0	ESE	0.0
5/13/2024 15:30	61.0	10.0	15.0	SE	0.0
5/13/2024 15:35	60.0	9.0	13.0	E	0.0
5/13/2024 15:40	60.0	9.0	16.0	E	0.0
5/13/2024 15:45	61.0	9.0	15.0	ESE	0.0
5/13/2024 15:50	61.0	8.0	16.0	SE	0.0
5/13/2024 15:55	60.0	10.0	19.0	E	0.0
5/13/2024 16:00	60.0	11.0	18.0	ESE	0.0
5/13/2024 16:05	60.0	9.0	15.0	ESE	0.0
5/13/2024 16:10	60.0	8.0	14.0	SE	0.0
5/13/2024 16:15	60.0	10.0	15.0	ESE	0.0
5/13/2024 16:20	60.0	10.0	15.0	ESE	0.0
5/13/2024 16:25	60.0	10.0	15.0	E	0.0
5/13/2024 16:30	60.0	9.0	16.0	ESE	0.0
5/13/2024 16:35	61.0	6.0	12.0	ESE	0.0
5/13/2024 16:40	60.0	9.0	14.0	E	0.0
5/13/2024 16:45	60.0	8.0	15.0	ESE	0.0
5/13/2024 16:50	60.0	9.0	15.0	ESE	0.0
5/13/2024 16:55	60.0	8.0	16.0	SE	0.0
5/13/2024 17:00	60.0	7.0	13.0	E	0.0
5/13/2024 17:05	60.0	7.0	13.0	SE	0.0
5/13/2024 17:10	61.0	8.0	13.0	E	0.0
5/13/2024 17:15	60.0	10.0	14.0	E	0.0
5/13/2024 17:20	60.0	7.0	15.0	SE	0.0
5/13/2024 17:25	60.0	7.0	13.0	SE	0.0
5/13/2024 17:30	60.0	8.0	13.0	E	0.0
5/13/2024 17:35	60.0	8.0	15.0	E	0.0
5/13/2024 17:40	60.0	8.0	13.0	E	0.0
5/13/2024 17:45	60.0	10.0	17.0	E	0.0
5/13/2024 17:50	60.0	10.0	17.0	E	0.0
5/13/2024 17:55	59.0	6.0	12.0	E	0.0
5/13/2024 18:00	60.0	6.0	13.0	E	0.0
5/14/2024 6:00	54.0	0.0	1.0	W	0.0
5/14/2024 6:05	54.0	0.0	0.0		0.0
5/14/2024 6:10	54.0	0.0	0.0		0.0
5/14/2024 6:15	54.0	0.0	0.0		0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/14/2024 6:20	54.0	0.0	0.0		0.0
5/14/2024 6:25	54.0	0.0	1.0	W	0.0
5/14/2024 6:30	54.0	0.0	0.0		0.0
5/14/2024 6:35	54.0	0.0	2.0	WSW	0.0
5/14/2024 6:40	54.0	0.0	0.0		0.0
5/14/2024 6:45	54.0	1.0	3.0	SE	0.0
5/14/2024 6:50	54.0	0.0	1.0	SSE	0.0
5/14/2024 6:55	54.0	0.0	2.0	SSW	0.0
5/14/2024 7:00	55.0	0.0	1.0	S	0.0
5/14/2024 7:05	55.0	0.0	1.0	ESE	0.0
5/14/2024 7:10	55.0	1.0	3.0	ESE	0.0
5/14/2024 7:15	55.0	0.0	3.0	ESE	0.0
5/14/2024 7:20	55.0	1.0	5.0	ENE	0.0
5/14/2024 7:25	55.0	0.0	0.0		0.0
5/14/2024 7:30	55.0	0.0	0.0		0.0
5/14/2024 7:35	55.0	1.0	3.0	W	0.0
5/14/2024 7:40	55.0	0.0	0.0		0.0
5/14/2024 7:45	55.0	1.0	3.0	E	0.0
5/14/2024 7:50	55.0	1.0	3.0	ESE	0.0
5/14/2024 7:55	55.0	1.0	3.0	ENE	0.0
5/14/2024 8:00	55.0	1.0	3.0	ESE	0.0
5/14/2024 8:05	55.0	1.0	6.0	ESE	0.0
5/14/2024 8:10	55.0	1.0	3.0	ESE	0.0
5/14/2024 8:15	56.0	1.0	4.0	ENE	0.0
5/14/2024 8:20	56.0	1.0	3.0	NNE	0.0
5/14/2024 8:25	56.0	1.0	4.0	NNW	0.0
5/14/2024 8:30	56.0	1.0	3.0	ESE	0.0
5/14/2024 8:35	56.0	3.0	6.0	E	0.0
5/14/2024 8:40	56.0	1.0	4.0	SE	0.0
5/14/2024 8:45	56.0	1.0	3.0	ESE	0.0
5/14/2024 8:50	56.0	1.0	3.0	ESE	0.0
5/14/2024 8:55	57.0	1.0	3.0	S	0.0
5/14/2024 9:00	57.0	2.0	6.0	E	0.0
5/14/2024 9:05	57.0	4.0	8.0	ESE	0.0
5/14/2024 9:10	57.0	2.0	6.0	E	0.0
5/14/2024 9:15	57.0	3.0	6.0	E	0.0
5/14/2024 9:20	57.0	3.0	6.0	E	0.0
5/14/2024 9:25	57.0	5.0	9.0	ENE	0.0
5/14/2024 9:30	57.0	1.0	4.0	ENE	0.0
5/14/2024 9:35	58.0	2.0	7.0	E	0.0
5/14/2024 9:40	58.0	4.0	6.0	E	0.0
5/14/2024 9:45	58.0	4.0	8.0	ENE	0.0
5/14/2024 9:50	58.0	3.0	9.0	NE	0.0
5/14/2024 9:55	58.0	4.0	7.0	E	0.0
5/14/2024 10:00	58.0	4.0	9.0	ESE	0.0
5/14/2024 10:05	58.0	5.0	8.0	ENE	0.0
5/14/2024 10:10	58.0	4.0	9.0	E	0.0
5/14/2024 10:15	58.0	6.0	10.0	E	0.0
5/14/2024 10:20	58.0	4.0	10.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/14/2024 10:25	58.0	4.0	9.0	E	0.0
5/14/2024 10:30	58.0	5.0	9.0	E	0.0
5/14/2024 10:35	58.0	4.0	8.0	E	0.0
5/14/2024 10:40	58.0	4.0	7.0	ENE	0.0
5/14/2024 10:45	58.0	3.0	7.0	ENE	0.0
5/14/2024 10:50	58.0	4.0	9.0	ENE	0.0
5/14/2024 10:55	59.0	2.0	6.0	E	0.0
5/14/2024 11:00	59.0	3.0	8.0	ESE	0.0
5/14/2024 11:05	60.0	3.0	6.0	ENE	0.0
5/14/2024 11:10	60.0	2.0	7.0	E	0.0
5/14/2024 11:15	60.0	4.0	10.0	ENE	0.0
5/14/2024 11:20	61.0	3.0	8.0	NE	0.0
5/14/2024 11:25	61.0	3.0	9.0	ENE	0.0
5/14/2024 11:30	62.0	2.0	6.0	E	0.0
5/14/2024 11:35	62.0	1.0	7.0	ENE	0.0
5/14/2024 11:40	62.0	3.0	8.0	E	0.0
5/14/2024 11:45	62.0	3.0	6.0	ESE	0.0
5/14/2024 11:50	63.0	3.0	7.0	E	0.0
5/14/2024 11:55	62.0	3.0	8.0	ENE	0.0
5/14/2024 12:00	63.0	4.0	9.0	E	0.0
5/14/2024 12:05	63.0	4.0	8.0	ENE	0.0
5/14/2024 12:10	62.0	5.0	9.0	ESE	0.0
5/14/2024 12:15	62.0	4.0	9.0	E	0.0
5/14/2024 12:20	63.0	5.0	9.0	ENE	0.0
5/14/2024 12:25	63.0	6.0	10.0	E	0.0
5/14/2024 12:30	63.0	4.0	7.0	ENE	0.0
5/14/2024 12:35	63.0	5.0	8.0	E	0.0
5/14/2024 12:40	63.0	5.0	9.0	E	0.0
5/14/2024 12:45	63.0	5.0	8.0	SE	0.0
5/14/2024 12:50	63.0	5.0	10.0	ESE	0.0
5/14/2024 12:55	64.0	6.0	11.0	ENE	0.0
5/14/2024 13:00	64.0	6.0	9.0	ESE	0.0
5/14/2024 13:05	64.0	7.0	10.0	NE	0.0
5/14/2024 13:10	64.0	6.0	9.0	E	0.0
5/14/2024 13:15	64.0	6.0	10.0	E	0.0
5/14/2024 13:20	64.0	7.0	11.0	ESE	0.0
5/14/2024 13:25	64.0	8.0	12.0	ESE	0.0
5/14/2024 13:30	64.0	5.0	11.0	ESE	0.0
5/14/2024 13:35	65.0	5.0	11.0	E	0.0
5/14/2024 13:40	65.0	6.0	12.0	E	0.0
5/14/2024 13:45	65.0	7.0	13.0	E	0.0
5/14/2024 13:50	65.0	9.0	16.0	E	0.0
5/14/2024 13:55	65.0	9.0	16.0	ESE	0.0
5/14/2024 14:00	65.0	7.0	12.0	ESE	0.0
5/14/2024 14:05	65.0	9.0	15.0	E	0.0
5/14/2024 14:10	65.0	10.0	14.0	E	0.0
5/14/2024 14:15	65.0	10.0	17.0	SE	0.0
5/14/2024 14:20	65.0	10.0	17.0	SE	0.0
5/14/2024 14:25	64.0	10.0	17.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/14/2024 14:30	64.0	12.0	20.0	ESE	0.0
5/14/2024 14:35	64.0	9.0	17.0	ESE	0.0
5/14/2024 14:40	64.0	11.0	17.0	ESE	0.0
5/14/2024 14:45	64.0	12.0	20.0	ESE	0.0
5/14/2024 14:50	64.0	10.0	20.0	E	0.0
5/14/2024 14:55	64.0	12.0	21.0	E	0.0
5/14/2024 15:00	64.0	11.0	16.0	ESE	0.0
5/14/2024 15:05	63.0	11.0	18.0	E	0.0
5/14/2024 15:10	63.0	12.0	17.0	ESE	0.0
5/14/2024 15:15	63.0	13.0	17.0	E	0.0
5/14/2024 15:20	62.0	12.0	18.0	ESE	0.0
5/14/2024 15:25	62.0	11.0	16.0	ESE	0.0
5/14/2024 15:30	62.0	10.0	15.0	SE	0.0
5/14/2024 15:35	63.0	11.0	19.0	E	0.0
5/14/2024 15:40	63.0	8.0	18.0	ESE	0.0
5/14/2024 15:45	63.0	12.0	18.0	ESE	0.0
5/14/2024 15:50	62.0	11.0	18.0	E	0.0
5/14/2024 15:55	62.0	10.0	17.0	E	0.0
5/14/2024 16:00	62.0	9.0	16.0	ESE	0.0
5/14/2024 16:05	62.0	9.0	16.0	ESE	0.0
5/14/2024 16:10	63.0	8.0	17.0	SE	0.0
5/14/2024 16:15	63.0	10.0	15.0	ESE	0.0
5/14/2024 16:20	62.0	11.0	19.0	E	0.0
5/14/2024 16:25	62.0	11.0	18.0	ESE	0.0
5/14/2024 16:30	62.0	12.0	19.0	SE	0.0
5/14/2024 16:35	61.0	9.0	18.0	ESE	0.0
5/14/2024 16:40	62.0	10.0	17.0	SE	0.0
5/14/2024 16:45	61.0	10.0	17.0	E	0.0
5/14/2024 16:50	61.0	8.0	17.0	ESE	0.0
5/14/2024 16:55	61.0	11.0	18.0	ESE	0.0
5/14/2024 17:00	61.0	7.0	18.0	ESE	0.0
5/14/2024 17:05	61.0	11.0	18.0	E	0.0
5/14/2024 17:10	60.0	9.0	17.0	ESE	0.0
5/14/2024 17:15	61.0	7.0	16.0	E	0.0
5/14/2024 17:20	61.0	9.0	14.0	ESE	0.0
5/14/2024 17:25	60.0	8.0	14.0	ESE	0.0
5/14/2024 17:30	60.0	10.0	17.0	E	0.0
5/14/2024 17:35	60.0	8.0	17.0	E	0.0
5/14/2024 17:40	60.0	11.0	16.0	ESE	0.0
5/14/2024 17:45	60.0	10.0	17.0	SE	0.0
5/14/2024 17:50	60.0	10.0	17.0	SE	0.0
5/14/2024 17:55	60.0	10.0	16.0	ESE	0.0
5/14/2024 18:00	60.0	8.0	17.0	SE	0.0
5/15/2024 6:00	55.0	0.0	1.0	S	0.0
5/15/2024 6:05	55.0	0.0	1.0	SSW	0.0
5/15/2024 6:10	55.0	0.0	2.0	SSW	0.0
5/15/2024 6:15	55.0	0.0	2.0	S	0.0
5/15/2024 6:20	55.0	0.0	2.0	SSW	0.0
5/15/2024 6:25	55.0	0.0	2.0	SSW	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/15/2024 6:30	55.0	0.0	1.0	S	0.0
5/15/2024 6:35	55.0	0.0	1.0	SSW	0.0
5/15/2024 6:40	55.0	0.0	3.0	ESE	0.0
5/15/2024 6:45	55.0	0.0	2.0	SSE	0.0
5/15/2024 6:50	55.0	0.0	2.0	SE	0.0
5/15/2024 6:55	55.0	0.0	2.0	SSE	0.0
5/15/2024 7:00	55.0	0.0	2.0	S	0.0
5/15/2024 7:05	55.0	1.0	4.0	SE	0.0
5/15/2024 7:10	55.0	1.0	3.0	S	0.0
5/15/2024 7:15	55.0	1.0	4.0	SSW	0.0
5/15/2024 7:20	55.0	2.0	5.0	ESE	0.0
5/15/2024 7:25	55.0	1.0	5.0	ESE	0.0
5/15/2024 7:30	55.0	1.0	4.0	SSW	0.0
5/15/2024 7:35	55.0	2.0	4.0	SSW	0.0
5/15/2024 7:40	55.0	3.0	6.0	S	0.0
5/15/2024 7:45	55.0	1.0	4.0	S	0.0
5/15/2024 7:50	55.0	2.0	5.0	S	0.0
5/15/2024 7:55	55.0	1.0	3.0	S	0.0
5/15/2024 8:00	55.0	2.0	4.0	S	0.0
5/15/2024 8:05	55.0	1.0	3.0	SE	0.0
5/15/2024 8:10	55.0	1.0	3.0	SW	0.0
5/15/2024 8:15	55.0	0.0	2.0	SW	0.0
5/15/2024 8:20	55.0	1.0	3.0	SW	0.0
5/15/2024 8:25	56.0	1.0	3.0	S	0.0
5/15/2024 8:30	56.0	0.0	2.0	SSW	0.0
5/15/2024 8:35	56.0	0.0	2.0	ESE	0.0
5/15/2024 8:40	56.0	1.0	4.0	E	0.0
5/15/2024 8:45	56.0	0.0	2.0	ESE	0.0
5/15/2024 8:50	56.0	1.0	3.0	ENE	0.0
5/15/2024 8:55	56.0	0.0	2.0	S	0.0
5/15/2024 9:00	56.0	0.0	1.0	SSE	0.0
5/15/2024 9:05	56.0	0.0	1.0	SW	0.0
5/15/2024 9:10	56.0	0.0	1.0	ENE	0.0
5/15/2024 9:15	57.0	1.0	2.0	SSW	0.0
5/15/2024 9:20	57.0	0.0	1.0	SE	0.0
5/15/2024 9:25	57.0	1.0	3.0	E	0.0
5/15/2024 9:30	57.0	2.0	4.0	ESE	0.0
5/15/2024 9:35	57.0	1.0	3.0	SE	0.0
5/15/2024 9:40	57.0	2.0	6.0	E	0.0
5/15/2024 9:45	57.0	0.0	1.0	SE	0.0
5/15/2024 9:50	58.0	1.0	3.0	SW	0.0
5/15/2024 9:55	58.0	0.0	2.0	E	0.0
5/15/2024 10:00	58.0	1.0	3.0	ESE	0.0
5/15/2024 10:05	58.0	2.0	6.0	E	0.0
5/15/2024 10:10	58.0	1.0	3.0	ESE	0.0
5/15/2024 10:15	59.0	1.0	4.0	ESE	0.0
5/15/2024 10:20	59.0	3.0	8.0	ESE	0.0
5/15/2024 10:25	59.0	4.0	8.0	ESE	0.0
5/15/2024 10:30	59.0	2.0	5.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/15/2024 10:35	59.0	4.0	7.0	ESE	0.0
5/15/2024 10:40	59.0	2.0	6.0	E	0.0
5/15/2024 10:45	60.0	3.0	8.0	E	0.0
5/15/2024 10:50	60.0	4.0	7.0	NE	0.0
5/15/2024 10:55	60.0	4.0	8.0	E	0.0
5/15/2024 11:00	60.0	3.0	8.0	E	0.0
5/15/2024 11:05	60.0	3.0	7.0	N	0.0
5/15/2024 11:10	60.0	4.0	7.0	E	0.0
5/15/2024 11:15	60.0	3.0	9.0	E	0.0
5/15/2024 11:20	60.0	3.0	6.0	E	0.0
5/15/2024 11:25	61.0	4.0	8.0	ENE	0.0
5/15/2024 11:30	61.0	4.0	8.0	E	0.0
5/15/2024 11:35	61.0	2.0	4.0	ESE	0.0
5/15/2024 11:40	62.0	3.0	9.0	ENE	0.0
5/15/2024 11:45	62.0	2.0	7.0	E	0.0
5/15/2024 11:50	62.0	3.0	8.0	ESE	0.0
5/15/2024 11:55	62.0	3.0	9.0	ENE	0.0
5/15/2024 12:00	63.0	3.0	7.0	ESE	0.0
5/15/2024 12:05	63.0	4.0	8.0	SE	0.0
5/15/2024 12:10	63.0	4.0	8.0	SE	0.0
5/15/2024 12:15	62.0	4.0	9.0	ESE	0.0
5/15/2024 12:20	62.0	5.0	9.0	ESE	0.0
5/15/2024 12:25	62.0	3.0	7.0	E	0.0
5/15/2024 12:30	63.0	5.0	9.0	NE	0.0
5/15/2024 12:35	63.0	5.0	9.0	E	0.0
5/15/2024 12:40	63.0	5.0	9.0	ESE	0.0
5/15/2024 12:45	63.0	5.0	10.0	E	0.0
5/15/2024 12:50	63.0	5.0	10.0	E	0.0
5/15/2024 12:55	64.0	4.0	8.0	ENE	0.0
5/15/2024 13:00	64.0	6.0	12.0	E	0.0
5/15/2024 13:05	64.0	3.0	8.0	E	0.0
5/15/2024 13:10	65.0	7.0	11.0	E	0.0
5/15/2024 13:15	65.0	6.0	11.0	E	0.0
5/15/2024 13:20	65.0	6.0	12.0	ENE	0.0
5/15/2024 13:25	65.0	7.0	12.0	SE	0.0
5/15/2024 13:30	65.0	9.0	15.0	ESE	0.0
5/15/2024 13:35	64.0	8.0	13.0	ESE	0.0
5/15/2024 13:40	65.0	9.0	15.0	ESE	0.0
5/15/2024 13:45	64.0	11.0	15.0	E	0.0
5/15/2024 13:50	64.0	9.0	15.0	ESE	0.0
5/15/2024 13:55	64.0	9.0	16.0	E	0.0
5/15/2024 14:00	64.0	10.0	17.0	E	0.0
5/15/2024 14:05	64.0	10.0	16.0	ESE	0.0
5/15/2024 14:10	64.0	10.0	15.0	ESE	0.0
5/15/2024 14:15	64.0	9.0	15.0	ESE	0.0
5/15/2024 14:20	64.0	9.0	18.0	ESE	0.0
5/15/2024 14:25	64.0	10.0	16.0	E	0.0
5/15/2024 14:30	64.0	9.0	16.0	E	0.0
5/15/2024 14:35	64.0	11.0	17.0	S	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/15/2024 14:40	64.0	9.0	15.0	ESE	0.0
5/15/2024 14:45	64.0	8.0	15.0	ESE	0.0
5/15/2024 14:50	64.0	10.0	17.0	ESE	0.0
5/15/2024 14:55	64.0	9.0	17.0	ESE	0.0
5/15/2024 15:00	64.0	11.0	15.0	ESE	0.0
5/15/2024 15:05	64.0	12.0	18.0	E	0.0
5/15/2024 15:10	64.0	11.0	18.0	ESE	0.0
5/15/2024 15:15	64.0	10.0	19.0	ESE	0.0
5/15/2024 15:20	64.0	11.0	15.0	ESE	0.0
5/15/2024 15:25	63.0	11.0	15.0	SE	0.0
5/15/2024 15:30	63.0	11.0	18.0	E	0.0
5/15/2024 15:35	63.0	10.0	18.0	E	0.0
5/15/2024 15:40	63.0	12.0	18.0	E	0.0
5/15/2024 15:45	63.0	12.0	23.0	E	0.0
5/15/2024 15:50	63.0	12.0	19.0	E	0.0
5/15/2024 15:55	63.0	10.0	19.0	E	0.0
5/15/2024 16:00	63.0	13.0	20.0	E	0.0
5/15/2024 16:05	62.0	10.0	14.0	ESE	0.0
5/15/2024 16:10	62.0	10.0	17.0	E	0.0
5/15/2024 16:15	63.0	10.0	17.0	E	0.0
5/15/2024 16:20	63.0	10.0	15.0	E	0.0
5/15/2024 16:25	63.0	11.0	16.0	E	0.0
5/15/2024 16:30	63.0	12.0	16.0	SE	0.0
5/15/2024 16:35	62.0	11.0	15.0	E	0.0
5/15/2024 16:40	62.0	11.0	17.0	SE	0.0
5/15/2024 16:45	62.0	11.0	18.0	E	0.0
5/15/2024 16:50	62.0	10.0	18.0	ESE	0.0
5/15/2024 16:55	63.0	12.0	16.0	ESE	0.0
5/15/2024 17:00	62.0	12.0	17.0	SE	0.0
5/15/2024 17:05	62.0	11.0	16.0	E	0.0
5/15/2024 17:10	62.0	9.0	16.0	E	0.0
5/15/2024 17:15	62.0	11.0	17.0	ESE	0.0
5/15/2024 17:20	62.0	11.0	16.0	ESE	0.0
5/15/2024 17:25	62.0	9.0	16.0	SE	0.0
5/15/2024 17:30	62.0	10.0	16.0	ESE	0.0
5/15/2024 17:35	62.0	10.0	16.0	SE	0.0
5/15/2024 17:40	62.0	11.0	18.0	ESE	0.0
5/15/2024 17:45	62.0	7.0	12.0	ESE	0.0
5/15/2024 17:50	62.0	8.0	16.0	ESE	0.0
5/15/2024 17:55	62.0	9.0	16.0	ESE	0.0
5/15/2024 18:00	62.0	7.0	14.0	ESE	0.0
5/27/2024 6:00	52.0	0.0	0.0		0.0
5/27/2024 6:05	52.0	0.0	0.0		0.0
5/27/2024 6:10	52.0	0.0	0.0		0.0
5/27/2024 6:15	52.0	0.0	0.0		0.0
5/27/2024 6:20	52.0	1.0	3.0	ENE	0.0
5/27/2024 6:25	52.0	1.0	4.0	ENE	0.0
5/27/2024 6:30	53.0	2.0	4.0	ENE	0.0
5/27/2024 6:35	53.0	2.0	6.0	E	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/27/2024 6:40	53.0	2.0	4.0	E	0.0
5/27/2024 6:45	53.0	2.0	6.0	E	0.0
5/27/2024 6:50	53.0	3.0	6.0	E	0.0
5/27/2024 6:55	54.0	3.0	7.0	ENE	0.0
5/27/2024 7:00	54.0	3.0	5.0	ENE	0.0
5/27/2024 7:05	54.0	3.0	7.0	ESE	0.0
5/27/2024 7:10	54.0	2.0	6.0	ESE	0.0
5/27/2024 7:15	54.0	2.0	4.0	E	0.0
5/27/2024 7:20	54.0	1.0	4.0	NE	0.0
5/27/2024 7:25	54.0	2.0	7.0	ENE	0.0
5/27/2024 7:30	54.0	2.0	6.0	ESE	0.0
5/27/2024 7:35	54.0	2.0	4.0	ESE	0.0
5/27/2024 7:40	54.0	2.0	4.0	NNE	0.0
5/27/2024 7:45	54.0	3.0	7.0	ENE	0.0
5/27/2024 7:50	54.0	2.0	7.0	ENE	0.0
5/27/2024 7:55	54.0	3.0	7.0	ENE	0.0
5/27/2024 8:00	54.0	3.0	7.0	ENE	0.0
5/27/2024 8:05	54.0	2.0	4.0	NNW	0.0
5/27/2024 8:10	55.0	2.0	8.0	ENE	0.0
5/27/2024 8:15	55.0	3.0	7.0	E	0.0
5/27/2024 8:20	56.0	2.0	6.0	N	0.0
5/27/2024 8:25	56.0	3.0	7.0	E	0.0
5/27/2024 8:30	56.0	1.0	4.0	NE	0.0
5/27/2024 8:35	56.0	3.0	8.0	ENE	0.0
5/27/2024 8:40	57.0	2.0	5.0	NE	0.0
5/27/2024 8:45	57.0	5.0	8.0	ENE	0.0
5/27/2024 8:50	56.0	4.0	7.0	ENE	0.0
5/27/2024 8:55	56.0	3.0	7.0	E	0.0
5/27/2024 9:00	56.0	3.0	6.0	E	0.0
5/27/2024 9:05	56.0	2.0	5.0	NE	0.0
5/27/2024 9:10	56.0	4.0	8.0	ESE	0.0
5/27/2024 9:15	56.0	3.0	7.0	ESE	0.0
5/27/2024 9:20	56.0	2.0	6.0	ESE	0.0
5/27/2024 9:25	57.0	3.0	7.0	ENE	0.0
5/27/2024 9:30	57.0	3.0	6.0	NE	0.0
5/27/2024 9:35	57.0	2.0	6.0	E	0.0
5/27/2024 9:40	57.0	2.0	6.0	ESE	0.0
5/27/2024 9:45	57.0	3.0	6.0	SE	0.0
5/27/2024 9:50	57.0	3.0	7.0	ESE	0.0
5/27/2024 9:55	57.0	4.0	9.0	S	0.0
5/27/2024 10:00	57.0	4.0	9.0	E	0.0
5/27/2024 10:05	57.0	4.0	9.0	ESE	0.0
5/27/2024 10:10	57.0	5.0	10.0	S	0.0
5/27/2024 10:15	57.0	6.0	11.0	S	0.0
5/27/2024 10:20	57.0	4.0	8.0	ESE	0.0
5/27/2024 10:25	57.0	5.0	11.0	S	0.0
5/27/2024 10:30	57.0	5.0	8.0	S	0.0
5/27/2024 10:35	57.0	5.0	10.0	ENE	0.0
5/27/2024 10:40	57.0	4.0	10.0	S	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/27/2024 10:45	57.0	4.0	11.0	S	0.0
5/27/2024 10:50	58.0	4.0	8.0	S	0.0
5/27/2024 10:55	58.0	5.0	10.0	S	0.0
5/27/2024 11:00	57.0	6.0	11.0	S	0.0
5/27/2024 11:05	57.0	7.0	11.0	S	0.0
5/27/2024 11:10	57.0	6.0	11.0	S	0.0
5/27/2024 11:15	58.0	5.0	11.0	E	0.0
5/27/2024 11:20	58.0	5.0	10.0	ESE	0.0
5/27/2024 11:25	58.0	7.0	11.0	SE	0.0
5/27/2024 11:30	58.0	5.0	11.0	E	0.0
5/27/2024 11:35	57.0	7.0	12.0	E	0.0
5/27/2024 11:40	58.0	6.0	9.0	S	0.0
5/27/2024 11:45	58.0	6.0	12.0	S	0.0
5/27/2024 11:50	58.0	6.0	11.0	S	0.0
5/27/2024 11:55	58.0	7.0	13.0	S	0.0
5/27/2024 12:00	58.0	7.0	12.0	ESE	0.0
5/27/2024 12:05	58.0	7.0	12.0	E	0.0
5/27/2024 12:10	58.0	7.0	11.0	ESE	0.0
5/27/2024 12:15	58.0	8.0	13.0	E	0.0
5/27/2024 12:20	58.0	8.0	13.0	E	0.0
5/27/2024 12:25	58.0	9.0	14.0	E	0.0
5/27/2024 12:30	58.0	8.0	15.0	E	0.0
5/27/2024 12:35	59.0	8.0	14.0	ENE	0.0
5/27/2024 12:40	59.0	9.0	13.0	E	0.0
5/27/2024 12:45	59.0	9.0	14.0	E	0.0
5/27/2024 12:50	59.0	9.0	15.0	E	0.0
5/27/2024 12:55	59.0	9.0	16.0	E	0.0
5/27/2024 13:00	59.0	10.0	14.0	ESE	0.0
5/27/2024 13:05	59.0	11.0	16.0	E	0.0
5/27/2024 13:10	59.0	11.0	16.0	ESE	0.0
5/27/2024 13:15	59.0	11.0	18.0	E	0.0
5/27/2024 13:20	59.0	12.0	18.0	E	0.0
5/27/2024 13:25	59.0	8.0	15.0	SE	0.0
5/27/2024 13:30	59.0	12.0	19.0	E	0.0
5/27/2024 13:35	59.0	12.0	19.0	ESE	0.0
5/27/2024 13:40	59.0	11.0	16.0	E	0.0
5/27/2024 13:45	58.0	11.0	20.0	ESE	0.0
5/27/2024 13:50	58.0	10.0	16.0	E	0.0
5/27/2024 13:55	59.0	9.0	17.0	ESE	0.0
5/27/2024 14:00	59.0	9.0	16.0	E	0.0
5/27/2024 14:05	59.0	10.0	16.0	E	0.0
5/27/2024 14:10	59.0	9.0	18.0	ESE	0.0
5/27/2024 14:15	59.0	8.0	16.0	E	0.0
5/27/2024 14:20	59.0	10.0	16.0	E	0.0
5/27/2024 14:25	59.0	8.0	16.0	ESE	0.0
5/27/2024 14:30	60.0	9.0	15.0	E	0.0
5/27/2024 14:35	60.0	11.0	18.0	E	0.0
5/27/2024 14:40	59.0	10.0	18.0	ESE	0.0
5/27/2024 14:45	59.0	9.0	15.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/27/2024 14:50	59.0	11.0	16.0	E	0.0
5/27/2024 14:55	59.0	12.0	19.0	E	0.0
5/27/2024 15:00	59.0	10.0	17.0	E	0.0
5/27/2024 15:05	59.0	10.0	17.0	E	0.0
5/27/2024 15:10	60.0	11.0	17.0	E	0.0
5/27/2024 15:15	60.0	9.0	15.0	E	0.0
5/27/2024 15:20	60.0	10.0	19.0	E	0.0
5/27/2024 15:25	60.0	11.0	20.0	E	0.0
5/27/2024 15:30	59.0	11.0	18.0	E	0.0
5/27/2024 15:35	59.0	12.0	17.0	E	0.0
5/27/2024 15:40	59.0	11.0	17.0	E	0.0
5/27/2024 15:45	59.0	10.0	15.0	E	0.0
5/27/2024 15:50	60.0	9.0	14.0	E	0.0
5/27/2024 15:55	60.0	10.0	17.0	ESE	0.0
5/27/2024 16:00	59.0	10.0	17.0	ESE	0.0
5/27/2024 16:05	60.0	11.0	18.0	E	0.0
5/27/2024 16:10	59.0	11.0	17.0	E	0.0
5/27/2024 16:15	59.0	11.0	20.0	ESE	0.0
5/27/2024 16:20	59.0	11.0	17.0	ESE	0.0
5/27/2024 16:25	59.0	12.0	17.0	ESE	0.0
5/27/2024 16:30	59.0	10.0	17.0	E	0.0
5/27/2024 16:35	60.0	11.0	19.0	ESE	0.0
5/27/2024 16:40	59.0	11.0	19.0	E	0.0
5/27/2024 16:45	59.0	10.0	16.0	ESE	0.0
5/27/2024 16:50	59.0	10.0	18.0	E	0.0
5/27/2024 16:55	59.0	9.0	15.0	E	0.0
5/27/2024 17:00	59.0	10.0	15.0	E	0.0
5/27/2024 17:05	59.0	10.0	16.0	E	0.0
5/27/2024 17:10	59.0	11.0	18.0	E	0.0
5/27/2024 17:15	58.0	10.0	15.0	ENE	0.0
5/27/2024 17:20	58.0	10.0	14.0	SE	0.0
5/27/2024 17:25	58.0	11.0	18.0	ESE	0.0
5/27/2024 17:30	58.0	12.0	18.0	ESE	0.0
5/27/2024 17:35	58.0	12.0	19.0	E	0.0
5/27/2024 17:40	58.0	11.0	20.0	E	0.0
5/27/2024 17:45	58.0	12.0	18.0	E	0.0
5/27/2024 17:50	58.0	11.0	17.0	E	0.0
5/27/2024 17:55	58.0	10.0	16.0	E	0.0
5/27/2024 18:00	58.0	11.0	16.0	SE	0.0
5/28/2024 6:00	54.0	5.0	9.0	ESE	0.0
5/28/2024 6:05	54.0	4.0	8.0	ENE	0.0
5/28/2024 6:10	54.0	3.0	8.0	ENE	0.0
5/28/2024 6:15	54.0	4.0	6.0	ESE	0.0
5/28/2024 6:20	54.0	3.0	7.0	ENE	0.0
5/28/2024 6:25	54.0	3.0	6.0	E	0.0
5/28/2024 6:30	54.0	2.0	4.0	S	0.0
5/28/2024 6:35	54.0	2.0	4.0	ESE	0.0
5/28/2024 6:40	54.0	2.0	4.0	E	0.0
5/28/2024 6:45	54.0	2.0	5.0	ENE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/28/2024 6:50	54.0	2.0	5.0	ENE	0.0
5/28/2024 6:55	54.0	3.0	7.0	ENE	0.0
5/28/2024 7:00	54.0	3.0	6.0	E	0.0
5/28/2024 7:05	55.0	3.0	6.0	ESE	0.0
5/28/2024 7:10	55.0	3.0	7.0	ENE	0.0
5/28/2024 7:15	55.0	4.0	8.0	S	0.0
5/28/2024 7:20	55.0	3.0	6.0	ESE	0.0
5/28/2024 7:25	55.0	3.0	7.0	E	0.0
5/28/2024 7:30	55.0	1.0	3.0	ENE	0.0
5/28/2024 7:35	55.0	2.0	6.0	ENE	0.0
5/28/2024 7:40	55.0	2.0	7.0	ENE	0.0
5/28/2024 7:45	55.0	2.0	5.0	ENE	0.0
5/28/2024 7:50	55.0	2.0	4.0	E	0.0
5/28/2024 7:55	55.0	3.0	6.0	E	0.0
5/28/2024 8:00	56.0	3.0	7.0	ENE	0.0
5/28/2024 8:05	56.0	3.0	6.0	S	0.0
5/28/2024 8:10	56.0	2.0	5.0	NNW	0.0
5/28/2024 8:15	56.0	3.0	5.0	NE	0.0
5/28/2024 8:20	56.0	2.0	4.0	NE	0.0
5/28/2024 8:25	56.0	2.0	6.0	E	0.0
5/28/2024 8:30	56.0	2.0	5.0	NE	0.0
5/28/2024 8:35	56.0	2.0	5.0	N	0.0
5/28/2024 8:40	56.0	3.0	6.0	S	0.0
5/28/2024 8:45	56.0	2.0	8.0	S	0.0
5/28/2024 8:50	56.0	3.0	7.0	ENE	0.0
5/28/2024 8:55	56.0	2.0	5.0	N	0.0
5/28/2024 9:00	57.0	3.0	7.0	ENE	0.0
5/28/2024 9:05	57.0	3.0	6.0	NNE	0.0
5/28/2024 9:10	57.0	3.0	7.0	E	0.0
5/28/2024 9:15	57.0	2.0	6.0	NE	0.0
5/28/2024 9:20	57.0	3.0	5.0	NNE	0.0
5/28/2024 9:25	57.0	3.0	5.0	ESE	0.0
5/28/2024 9:30	57.0	2.0	6.0	S	0.0
5/28/2024 9:35	58.0	2.0	7.0	ENE	0.0
5/28/2024 9:40	58.0	3.0	8.0	ENE	0.0
5/28/2024 9:45	58.0	3.0	6.0	ENE	0.0
5/28/2024 9:50	58.0	3.0	8.0	E	0.0
5/28/2024 9:55	58.0	4.0	8.0	SE	0.0
5/28/2024 10:00	58.0	5.0	10.0	S	0.0
5/28/2024 10:05	58.0	4.0	8.0	ESE	0.0
5/28/2024 10:10	58.0	5.0	8.0	E	0.0
5/28/2024 10:15	57.0	5.0	9.0	S	0.0
5/28/2024 10:20	57.0	5.0	9.0	E	0.0
5/28/2024 10:25	57.0	4.0	9.0	S	0.0
5/28/2024 10:30	58.0	4.0	9.0	E	0.0
5/28/2024 10:35	58.0	4.0	7.0	ENE	0.0
5/28/2024 10:40	58.0	4.0	9.0	SE	0.0
5/28/2024 10:45	58.0	4.0	9.0	E	0.0
5/28/2024 10:50	58.0	5.0	9.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/28/2024 10:55	58.0	5.0	10.0	E	0.0
5/28/2024 11:00	58.0	5.0	10.0	ESE	0.0
5/28/2024 11:05	58.0	4.0	8.0	ESE	0.0
5/28/2024 11:10	58.0	6.0	11.0	ENE	0.0
5/28/2024 11:15	58.0	6.0	14.0	E	0.0
5/28/2024 11:20	58.0	6.0	11.0	ENE	0.0
5/28/2024 11:25	58.0	6.0	13.0	E	0.0
5/28/2024 11:30	58.0	6.0	10.0	E	0.0
5/28/2024 11:35	59.0	5.0	13.0	ENE	0.0
5/28/2024 11:40	59.0	7.0	11.0	E	0.0
5/28/2024 11:45	59.0	7.0	11.0	E	0.0
5/28/2024 11:50	59.0	7.0	13.0	ESE	0.0
5/28/2024 11:55	59.0	7.0	13.0	E	0.0
5/28/2024 12:00	59.0	8.0	11.0	E	0.0
5/28/2024 12:05	59.0	6.0	13.0	E	0.0
5/28/2024 12:10	59.0	7.0	13.0	E	0.0
5/28/2024 12:15	59.0	9.0	14.0	E	0.0
5/28/2024 12:20	59.0	7.0	12.0	E	0.0
5/28/2024 12:25	59.0	7.0	12.0	ESE	0.0
5/28/2024 12:30	59.0	10.0	16.0	E	0.0
5/28/2024 12:35	59.0	8.0	14.0	E	0.0
5/28/2024 12:40	59.0	8.0	13.0	ESE	0.0
5/28/2024 12:45	59.0	7.0	13.0	E	0.0
5/28/2024 12:50	60.0	8.0	14.0	ESE	0.0
5/28/2024 12:55	60.0	8.0	13.0	E	0.0
5/28/2024 13:00	60.0	10.0	16.0	SE	0.0
5/28/2024 13:05	60.0	9.0	14.0	E	0.0
5/28/2024 13:10	60.0	9.0	15.0	E	0.0
5/28/2024 13:15	60.0	8.0	12.0	ENE	0.0
5/28/2024 13:20	60.0	9.0	16.0	ENE	0.0
5/28/2024 13:25	60.0	9.0	15.0	E	0.0
5/28/2024 13:30	60.0	10.0	16.0	ESE	0.0
5/28/2024 13:35	60.0	7.0	12.0	ESE	0.0
5/28/2024 13:40	60.0	8.0	14.0	ENE	0.0
5/28/2024 13:45	60.0	8.0	14.0	S	0.0
5/28/2024 13:50	60.0	6.0	11.0	ESE	0.0
5/28/2024 13:55	60.0	6.0	11.0	E	0.0
5/28/2024 14:00	61.0	6.0	10.0	ESE	0.0
5/28/2024 14:05	61.0	6.0	10.0	E	0.0
5/28/2024 14:10	60.0	7.0	12.0	S	0.0
5/28/2024 14:15	60.0	6.0	12.0	S	0.0
5/28/2024 14:20	61.0	5.0	10.0	E	0.0
5/28/2024 14:25	61.0	8.0	15.0	ENE	0.0
5/28/2024 14:30	61.0	8.0	14.0	SE	0.0
5/28/2024 14:35	61.0	8.0	12.0	S	0.0
5/28/2024 14:40	61.0	7.0	12.0	S	0.0
5/28/2024 14:45	61.0	7.0	11.0	ESE	0.0
5/28/2024 14:50	61.0	7.0	12.0	ESE	0.0
5/28/2024 14:55	61.0	8.0	12.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/28/2024 15:00	61.0	9.0	14.0	E	0.0
5/28/2024 15:05	61.0	7.0	13.0	E	0.0
5/28/2024 15:10	61.0	7.0	13.0	ENE	0.0
5/28/2024 15:15	62.0	8.0	14.0	NE	0.0
5/28/2024 15:20	62.0	7.0	14.0	ENE	0.0
5/28/2024 15:25	62.0	7.0	12.0	ENE	0.0
5/28/2024 15:30	62.0	7.0	12.0	S	0.0
5/28/2024 15:35	62.0	6.0	11.0	E	0.0
5/28/2024 15:40	62.0	7.0	12.0	ENE	0.0
5/28/2024 15:45	62.0	6.0	12.0	NE	0.0
5/28/2024 15:50	62.0	6.0	11.0	ENE	0.0
5/28/2024 15:55	62.0	6.0	11.0	ESE	0.0
5/28/2024 16:00	63.0	4.0	9.0	NE	0.0
5/28/2024 16:05	63.0	5.0	10.0	ESE	0.0
5/28/2024 16:10	63.0	5.0	11.0	S	0.0
5/28/2024 16:15	63.0	6.0	10.0	S	0.0
5/28/2024 16:20	63.0	5.0	10.0	ENE	0.0
5/28/2024 16:25	63.0	7.0	12.0	E	0.0
5/28/2024 16:30	63.0	8.0	17.0	ENE	0.0
5/28/2024 16:35	63.0	10.0	17.0	ENE	0.0
5/28/2024 16:40	63.0	8.0	13.0	E	0.0
5/28/2024 16:45	62.0	9.0	16.0	ESE	0.0
5/28/2024 16:50	62.0	9.0	16.0	E	0.0
5/28/2024 16:55	62.0	12.0	17.0	ESE	0.0
5/28/2024 17:00	62.0	12.0	19.0	E	0.0
5/28/2024 17:05	62.0	11.0	18.0	E	0.0
5/28/2024 17:10	62.0	12.0	17.0	E	0.0
5/28/2024 17:15	62.0	9.0	17.0	ESE	0.0
5/28/2024 17:20	62.0	11.0	18.0	E	0.0
5/28/2024 17:25	62.0	8.0	13.0	SE	0.0
5/28/2024 17:30	62.0	10.0	17.0	E	0.0
5/28/2024 17:35	62.0	12.0	19.0	E	0.0
5/28/2024 17:40	61.0	11.0	20.0	ESE	0.0
5/28/2024 17:45	61.0	11.0	17.0	E	0.0
5/28/2024 17:50	61.0	10.0	17.0	E	0.0
5/28/2024 17:55	61.0	9.0	14.0	ENE	0.0
5/28/2024 18:00	62.0	9.0	15.0	NE	0.0
5/30/2024 6:00	55.0	0.0	0.0		0.0
5/30/2024 6:05	54.0	0.0	0.0		0.0
5/30/2024 6:10	54.0	0.0	0.0		0.0
5/30/2024 6:15	54.0	0.0	0.0		0.0
5/30/2024 6:20	54.0	0.0	0.0		0.0
5/30/2024 6:25	55.0	0.0	0.0		0.0
5/30/2024 6:30	55.0	0.0	0.0		0.0
5/30/2024 6:35	55.0	0.0	0.0		0.0
5/30/2024 6:40	55.0	0.0	0.0		0.0
5/30/2024 6:45	56.0	0.0	0.0		0.0
5/30/2024 6:50	56.0	0.0	0.0		0.0
5/30/2024 6:55	57.0	0.0	0.0		0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/30/2024 7:00	58.0	0.0	0.0		0.0
5/30/2024 7:05	58.0	0.0	0.0		0.0
5/30/2024 7:10	59.0	0.0	0.0		0.0
5/30/2024 7:15	59.0	0.0	0.0		0.0
5/30/2024 7:20	60.0	0.0	0.0		0.0
5/30/2024 7:25	61.0	0.0	0.0		0.0
5/30/2024 7:30	62.0	0.0	0.0		0.0
5/30/2024 7:35	62.0	0.0	0.0		0.0
5/30/2024 7:40	63.0	0.0	0.0		0.0
5/30/2024 7:45	63.0	0.0	0.0		0.0
5/30/2024 7:50	63.0	0.0	0.0		0.0
5/30/2024 7:55	63.0	0.0	0.0		0.0
5/30/2024 8:00	63.0	1.0	3.0	E	0.0
5/30/2024 8:05	63.0	2.0	4.0	ESE	0.0
5/30/2024 8:10	63.0	2.0	3.0	ESE	0.0
5/30/2024 8:15	62.0	2.0	4.0	ESE	0.0
5/30/2024 8:20	62.0	1.0	3.0	ESE	0.0
5/30/2024 8:25	62.0	1.0	4.0	E	0.0
5/30/2024 8:30	63.0	1.0	3.0	ESE	0.0
5/30/2024 8:35	63.0	3.0	7.0	E	0.0
5/30/2024 8:40	62.0	3.0	4.0	ESE	0.0
5/30/2024 8:45	62.0	3.0	7.0	ENE	0.0
5/30/2024 8:50	63.0	3.0	7.0	ENE	0.0
5/30/2024 8:55	63.0	3.0	7.0	ENE	0.0
5/30/2024 9:00	63.0	3.0	5.0	ENE	0.0
5/30/2024 9:05	63.0	3.0	7.0	ENE	0.0
5/30/2024 9:10	63.0	3.0	7.0	E	0.0
5/30/2024 9:15	64.0	6.0	8.0	E	0.0
5/30/2024 9:20	63.0	5.0	9.0	ENE	0.0
5/30/2024 9:25	64.0	4.0	8.0	ENE	0.0
5/30/2024 9:30	64.0	5.0	10.0	ENE	0.0
5/30/2024 9:35	64.0	5.0	8.0	ESE	0.0
5/30/2024 9:40	63.0	5.0	8.0	E	0.0
5/30/2024 9:45	64.0	5.0	9.0	E	0.0
5/30/2024 9:50	64.0	5.0	8.0	E	0.0
5/30/2024 9:55	64.0	5.0	8.0	E	0.0
5/30/2024 10:00	64.0	5.0	10.0	E	0.0
5/30/2024 10:05	64.0	6.0	10.0	E	0.0
5/30/2024 10:10	64.0	4.0	7.0	ENE	0.0
5/30/2024 10:15	64.0	4.0	7.0	ESE	0.0
5/30/2024 10:20	64.0	3.0	7.0	E	0.0
5/30/2024 10:25	65.0	4.0	7.0	ESE	0.0
5/30/2024 10:30	65.0	4.0	7.0	E	0.0
5/30/2024 10:35	65.0	4.0	8.0	SE	0.0
5/30/2024 10:40	66.0	5.0	8.0	SE	0.0
5/30/2024 10:45	66.0	4.0	7.0	ESE	0.0
5/30/2024 10:50	66.0	4.0	8.0	E	0.0
5/30/2024 10:55	66.0	5.0	9.0	E	0.0
5/30/2024 11:00	66.0	3.0	6.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/30/2024 11:05	67.0	4.0	7.0	ENE	0.0
5/30/2024 11:10	67.0	5.0	9.0	E	0.0
5/30/2024 11:15	67.0	5.0	9.0	E	0.0
5/30/2024 11:20	67.0	5.0	7.0	ESE	0.0
5/30/2024 11:25	68.0	4.0	8.0	E	0.0
5/30/2024 11:30	68.0	4.0	9.0	ENE	0.0
5/30/2024 11:35	69.0	4.0	8.0	E	0.0
5/30/2024 11:40	69.0	4.0	9.0	E	0.0
5/30/2024 11:45	69.0	5.0	8.0	ESE	0.0
5/30/2024 11:50	69.0	5.0	9.0	ESE	0.0
5/30/2024 11:55	69.0	5.0	9.0	E	0.0
5/30/2024 12:00	70.0	6.0	9.0	ESE	0.0
5/30/2024 12:05	69.0	6.0	10.0	E	0.0
5/30/2024 12:10	70.0	5.0	9.0	E	0.0
5/30/2024 12:15	70.0	6.0	11.0	E	0.0
5/30/2024 12:20	70.0	6.0	10.0	E	0.0
5/30/2024 12:25	70.0	6.0	9.0	ENE	0.0
5/30/2024 12:30	70.0	6.0	10.0	E	0.0
5/30/2024 12:35	70.0	6.0	10.0	ESE	0.0
5/30/2024 12:40	71.0	6.0	10.0	E	0.0
5/30/2024 12:45	71.0	7.0	12.0	E	0.0
5/30/2024 12:50	71.0	7.0	11.0	E	0.0
5/30/2024 12:55	72.0	7.0	12.0	ESE	0.0
5/30/2024 13:00	72.0	8.0	13.0	E	0.0
5/30/2024 13:05	72.0	8.0	13.0	ESE	0.0
5/30/2024 13:10	72.0	8.0	14.0	E	0.0
5/30/2024 13:15	72.0	8.0	12.0	E	0.0
5/30/2024 13:20	72.0	8.0	15.0	ENE	0.0
5/30/2024 13:25	72.0	8.0	12.0	E	0.0
5/30/2024 13:30	72.0	8.0	13.0	E	0.0
5/30/2024 13:35	72.0	8.0	13.0	ESE	0.0
5/30/2024 13:40	72.0	8.0	12.0	E	0.0
5/30/2024 13:45	73.0	8.0	13.0	E	0.0
5/30/2024 13:50	73.0	7.0	14.0	E	0.0
5/30/2024 13:55	74.0	9.0	14.0	S	0.0
5/30/2024 14:00	73.0	7.0	14.0	S	0.0
5/30/2024 14:05	73.0	7.0	13.0	E	0.0
5/30/2024 14:10	74.0	7.0	11.0	E	0.0
5/30/2024 14:15	74.0	6.0	11.0	ENE	0.0
5/30/2024 14:20	74.0	8.0	12.0	E	0.0
5/30/2024 14:25	74.0	6.0	10.0	ESE	0.0
5/30/2024 14:30	75.0	7.0	13.0	E	0.0
5/30/2024 14:35	75.0	7.0	12.0	E	0.0
5/30/2024 14:40	75.0	8.0	12.0	E	0.0
5/30/2024 14:45	76.0	6.0	12.0	E	0.0
5/30/2024 14:50	76.0	6.0	12.0	ESE	0.0
5/30/2024 14:55	75.0	9.0	13.0	E	0.0
5/30/2024 15:00	74.0	9.0	13.0	E	0.0
5/30/2024 15:05	74.0	7.0	12.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/30/2024 15:10	75.0	8.0	12.0	E	0.0
5/30/2024 15:15	75.0	7.0	11.0	E	0.0
5/30/2024 15:20	76.0	6.0	12.0	ESE	0.0
5/30/2024 15:25	76.0	7.0	12.0	ESE	0.0
5/30/2024 15:30	76.0	8.0	11.0	E	0.0
5/30/2024 15:35	76.0	7.0	10.0	E	0.0
5/30/2024 15:40	76.0	7.0	12.0	E	0.0
5/30/2024 15:45	76.0	7.0	11.0	E	0.0
5/30/2024 15:50	76.0	8.0	13.0	E	0.0
5/30/2024 15:55	75.0	9.0	14.0	ESE	0.0
5/30/2024 16:00	75.0	9.0	12.0	E	0.0
5/30/2024 16:05	75.0	10.0	18.0	E	0.0
5/30/2024 16:10	74.0	9.0	13.0	ESE	0.0
5/30/2024 16:15	75.0	6.0	10.0	ESE	0.0
5/30/2024 16:20	75.0	7.0	12.0	ESE	0.0
5/30/2024 16:25	75.0	7.0	11.0	ESE	0.0
5/30/2024 16:30	75.0	8.0	13.0	E	0.0
5/30/2024 16:35	74.0	9.0	14.0	E	0.0
5/30/2024 16:40	74.0	8.0	13.0	ESE	0.0
5/30/2024 16:45	74.0	9.0	13.0	E	0.0
5/30/2024 16:50	74.0	8.0	13.0	ESE	0.0
5/30/2024 16:55	75.0	8.0	12.0	ESE	0.0
5/30/2024 17:00	75.0	5.0	9.0	SE	0.0
5/30/2024 17:05	75.0	7.0	12.0	E	0.0
5/30/2024 17:10	75.0	8.0	11.0	ESE	0.0
5/30/2024 17:15	74.0	7.0	11.0	ESE	0.0
5/30/2024 17:20	74.0	7.0	12.0	E	0.0
5/30/2024 17:25	74.0	6.0	12.0	E	0.0
5/30/2024 17:30	74.0	8.0	13.0	ESE	0.0
5/30/2024 17:35	74.0	7.0	12.0	ESE	0.0
5/30/2024 17:40	74.0	7.0	13.0	E	0.0
5/30/2024 17:45	74.0	7.0	12.0	E	0.0
5/30/2024 17:50	74.0	7.0	13.0	ENE	0.0
5/30/2024 17:55	74.0	6.0	11.0	E	0.0
5/30/2024 18:00	74.0	6.0	10.0	ESE	0.0
5/31/2024 6:00	57.0	0.0	0.0		0.0
5/31/2024 6:05	57.0	0.0	0.0		0.0
5/31/2024 6:10	57.0	0.0	1.0	S	0.0
5/31/2024 6:15	57.0	0.0	0.0		0.0
5/31/2024 6:20	57.0	0.0	0.0		0.0
5/31/2024 6:25	57.0	0.0	0.0		0.0
5/31/2024 6:30	57.0	0.0	0.0		0.0
5/31/2024 6:35	58.0	0.0	0.0		0.0
5/31/2024 6:40	58.0	0.0	0.0		0.0
5/31/2024 6:45	58.0	0.0	1.0	SSW	0.0
5/31/2024 6:50	59.0	0.0	1.0	S	0.0
5/31/2024 6:55	60.0	0.0	0.0		0.0
5/31/2024 7:00	60.0	0.0	0.0		0.0
5/31/2024 7:05	60.0	0.0	0.0		0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/31/2024 7:10	61.0	0.0	0.0		0.0
5/31/2024 7:15	62.0	0.0	1.0	SSW	0.0
5/31/2024 7:20	63.0	0.0	1.0	SE	0.0
5/31/2024 7:25	63.0	0.0	1.0	SE	0.0
5/31/2024 7:30	63.0	0.0	0.0		0.0
5/31/2024 7:35	64.0	0.0	2.0	E	0.0
5/31/2024 7:40	64.0	0.0	1.0	E	0.0
5/31/2024 7:45	64.0	0.0	0.0		0.0
5/31/2024 7:50	64.0	0.0	0.0		0.0
5/31/2024 7:55	64.0	0.0	0.0		0.0
5/31/2024 8:00	64.0	0.0	0.0		0.0
5/31/2024 8:05	64.0	0.0	0.0		0.0
5/31/2024 8:10	65.0	0.0	2.0	SSW	0.0
5/31/2024 8:15	66.0	1.0	3.0	E	0.0
5/31/2024 8:20	66.0	1.0	4.0	ESE	0.0
5/31/2024 8:25	65.0	2.0	4.0	ESE	0.0
5/31/2024 8:30	65.0	3.0	6.0	E	0.0
5/31/2024 8:35	65.0	1.0	3.0	ENE	0.0
5/31/2024 8:40	65.0	2.0	4.0	ESE	0.0
5/31/2024 8:45	65.0	1.0	4.0	SE	0.0
5/31/2024 8:50	65.0	2.0	4.0	ESE	0.0
5/31/2024 8:55	65.0	2.0	6.0	E	0.0
5/31/2024 9:00	65.0	3.0	6.0	E	0.0
5/31/2024 9:05	66.0	3.0	7.0	ESE	0.0
5/31/2024 9:10	66.0	4.0	7.0	E	0.0
5/31/2024 9:15	66.0	4.0	7.0	E	0.0
5/31/2024 9:20	66.0	3.0	7.0	ENE	0.0
5/31/2024 9:25	66.0	4.0	7.0	ENE	0.0
5/31/2024 9:30	66.0	3.0	7.0	ENE	0.0
5/31/2024 9:35	66.0	4.0	9.0	E	0.0
5/31/2024 9:40	66.0	5.0	10.0	E	0.0
5/31/2024 9:45	66.0	6.0	10.0	E	0.0
5/31/2024 9:50	65.0	5.0	9.0	ENE	0.0
5/31/2024 9:55	65.0	5.0	9.0	ENE	0.0
5/31/2024 10:00	65.0	4.0	8.0	ENE	0.0
5/31/2024 10:05	66.0	5.0	8.0	ESE	0.0
5/31/2024 10:10	66.0	5.0	8.0	ESE	0.0
5/31/2024 10:15	66.0	5.0	9.0	E	0.0
5/31/2024 10:20	66.0	4.0	8.0	SE	0.0
5/31/2024 10:25	66.0	4.0	8.0	E	0.0
5/31/2024 10:30	66.0	6.0	9.0	E	0.0
5/31/2024 10:35	66.0	6.0	9.0	ESE	0.0
5/31/2024 10:40	66.0	5.0	9.0	E	0.0
5/31/2024 10:45	66.0	4.0	8.0	ESE	0.0
5/31/2024 10:50	67.0	4.0	8.0	E	0.0
5/31/2024 10:55	68.0	5.0	8.0	E	0.0
5/31/2024 11:00	68.0	5.0	9.0	E	0.0
5/31/2024 11:05	68.0	4.0	9.0	E	0.0
5/31/2024 11:10	68.0	4.0	9.0	E	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/31/2024 11:15	69.0	5.0	9.0	ENE	0.0
5/31/2024 11:20	69.0	7.0	10.0	E	0.0
5/31/2024 11:25	68.0	7.0	10.0	E	0.0
5/31/2024 11:30	68.0	6.0	10.0	ESE	0.0
5/31/2024 11:35	69.0	5.0	9.0	E	0.0
5/31/2024 11:40	69.0	6.0	10.0	E	0.0
5/31/2024 11:45	69.0	6.0	11.0	E	0.0
5/31/2024 11:50	69.0	7.0	11.0	E	0.0
5/31/2024 11:55	69.0	6.0	10.0	ESE	0.0
5/31/2024 12:00	69.0	6.0	10.0	E	0.0
5/31/2024 12:05	69.0	6.0	13.0	E	0.0
5/31/2024 12:10	69.0	6.0	13.0	ESE	0.0
5/31/2024 12:15	70.0	8.0	14.0	ENE	0.0
5/31/2024 12:20	69.0	8.0	12.0	E	0.0
5/31/2024 12:25	69.0	7.0	11.0	ESE	0.0
5/31/2024 12:30	70.0	7.0	11.0	ESE	0.0
5/31/2024 12:35	70.0	7.0	11.0	ESE	0.0
5/31/2024 12:40	70.0	8.0	12.0	ESE	0.0
5/31/2024 12:45	70.0	8.0	12.0	E	0.0
5/31/2024 12:50	70.0	9.0	13.0	E	0.0
5/31/2024 12:55	70.0	9.0	14.0	ESE	0.0
5/31/2024 13:00	71.0	8.0	12.0	E	0.0
5/31/2024 13:05	71.0	7.0	13.0	E	0.0
5/31/2024 13:10	72.0	8.0	14.0	ENE	0.0
5/31/2024 13:15	72.0	9.0	14.0	E	0.0
5/31/2024 13:20	72.0	7.0	13.0	ENE	0.0
5/31/2024 13:25	72.0	9.0	13.0	E	0.0
5/31/2024 13:30	72.0	9.0	13.0	E	0.0
5/31/2024 13:35	72.0	7.0	13.0	SE	0.0
5/31/2024 13:40	72.0	6.0	11.0	E	0.0
5/31/2024 13:45	73.0	8.0	14.0	ESE	0.0
5/31/2024 13:50	72.0	9.0	15.0	E	0.0
5/31/2024 13:55	72.0	10.0	16.0	E	0.0
5/31/2024 14:00	72.0	9.0	15.0	SE	0.0
5/31/2024 14:05	73.0	9.0	13.0	ESE	0.0
5/31/2024 14:10	73.0	8.0	13.0	ESE	0.0
5/31/2024 14:15	73.0	7.0	11.0	SE	0.0
5/31/2024 14:20	73.0	8.0	15.0	E	0.0
5/31/2024 14:25	73.0	11.0	16.0	E	0.0
5/31/2024 14:30	72.0	12.0	19.0	ESE	0.0
5/31/2024 14:35	72.0	10.0	19.0	ESE	0.0
5/31/2024 14:40	72.0	9.0	14.0	E	0.0
5/31/2024 14:45	71.0	11.0	19.0	ESE	0.0
5/31/2024 14:50	71.0	12.0	18.0	E	0.0
5/31/2024 14:55	70.0	11.0	18.0	E	0.0
5/31/2024 15:00	70.0	10.0	18.0	E	0.0
5/31/2024 15:05	70.0	11.0	16.0	ESE	0.0
5/31/2024 15:10	69.0	12.0	18.0	E	0.0
5/31/2024 15:15	69.0	9.0	14.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
5/31/2024 15:20	70.0	10.0	17.0	ESE	0.0
5/31/2024 15:25	69.0	11.0	23.0	E	0.0
5/31/2024 15:30	69.0	12.0	19.0	ESE	0.0
5/31/2024 15:35	68.0	11.0	19.0	ESE	0.0
5/31/2024 15:40	68.0	13.0	20.0	ESE	0.0
5/31/2024 15:45	68.0	12.0	21.0	E	0.0
5/31/2024 15:50	68.0	11.0	16.0	SE	0.0
5/31/2024 15:55	68.0	12.0	17.0	ESE	0.0
5/31/2024 16:00	68.0	11.0	21.0	E	0.0
5/31/2024 16:05	69.0	11.0	19.0	ESE	0.0
5/31/2024 16:10	69.0	10.0	19.0	ESE	0.0
5/31/2024 16:15	69.0	11.0	16.0	ESE	0.0
5/31/2024 16:20	69.0	9.0	16.0	ESE	0.0
5/31/2024 16:25	68.0	9.0	13.0	ESE	0.0
5/31/2024 16:30	68.0	7.0	14.0	E	0.0
5/31/2024 16:35	69.0	8.0	14.0	E	0.0
5/31/2024 16:40	69.0	8.0	15.0	SE	0.0
5/31/2024 16:45	69.0	7.0	12.0	ENE	0.0
5/31/2024 16:50	70.0	8.0	14.0	SE	0.0
5/31/2024 16:55	70.0	9.0	14.0	SE	0.0
5/31/2024 17:00	70.0	7.0	13.0	ESE	0.0
5/31/2024 17:05	70.0	9.0	18.0	E	0.0
5/31/2024 17:10	69.0	7.0	15.0	ESE	0.0
5/31/2024 17:15	69.0	7.0	14.0	E	0.0
5/31/2024 17:20	69.0	7.0	14.0	E	0.0
5/31/2024 17:25	69.0	10.0	16.0	E	0.0
5/31/2024 17:30	69.0	8.0	14.0	ESE	0.0
5/31/2024 17:35	69.0	8.0	14.0	E	0.0
5/31/2024 17:40	69.0	8.0	17.0	ESE	0.0
5/31/2024 17:45	69.0	10.0	19.0	ESE	0.0
5/31/2024 17:50	68.0	9.0	18.0	ESE	0.0
5/31/2024 17:55	67.0	10.0	18.0	E	0.0
5/31/2024 18:00	67.0	11.0	17.0	E	0.0
6/8/2024 6:00	57.0	4.0	8.0	ENE	0.0
6/8/2024 6:05	57.0	3.0	8.0	E	0.0
6/8/2024 6:10	57.0	2.0	6.0	E	0.0
6/8/2024 6:15	57.0	3.0	7.0	E	0.0
6/8/2024 6:20	57.0	3.0	6.0	ESE	0.0
6/8/2024 6:25	57.0	2.0	6.0	E	0.0
6/8/2024 6:30	57.0	3.0	9.0	SE	0.0
6/8/2024 6:35	57.0	3.0	8.0	E	0.0
6/8/2024 6:40	57.0	4.0	8.0	E	0.0
6/8/2024 6:45	57.0	5.0	11.0	ESE	0.0
6/8/2024 6:50	57.0	6.0	11.0	ESE	0.0
6/8/2024 6:55	57.0	5.0	11.0	ESE	0.0
6/8/2024 7:00	57.0	7.0	10.0	E	0.0
6/8/2024 7:05	57.0	6.0	12.0	ESE	0.0
6/8/2024 7:10	57.0	6.0	12.0	E	0.0
6/8/2024 7:15	57.0	5.0	10.0	ENE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/8/2024 7:20	57.0	4.0	8.0	ESE	0.0
6/8/2024 7:25	57.0	6.0	11.0	E	0.0
6/8/2024 7:30	57.0	6.0	11.0	ESE	0.0
6/8/2024 7:35	57.0	6.0	9.0	E	0.0
6/8/2024 7:40	57.0	5.0	9.0	ESE	0.0
6/8/2024 7:45	57.0	4.0	8.0	ENE	0.0
6/8/2024 7:50	57.0	2.0	5.0	NE	0.0
6/8/2024 7:55	57.0	2.0	5.0	N	0.0
6/8/2024 8:00	57.0	2.0	5.0	ENE	0.0
6/8/2024 8:05	58.0	4.0	7.0	ENE	0.0
6/8/2024 8:10	58.0	4.0	8.0	E	0.0
6/8/2024 8:15	58.0	5.0	9.0	ENE	0.0
6/8/2024 8:20	58.0	4.0	8.0	ENE	0.0
6/8/2024 8:25	58.0	5.0	9.0	ENE	0.0
6/8/2024 8:30	58.0	4.0	8.0	ESE	0.0
6/8/2024 8:35	58.0	5.0	9.0	E	0.0
6/8/2024 8:40	58.0	6.0	10.0	ESE	0.0
6/8/2024 8:45	58.0	4.0	8.0	ESE	0.0
6/8/2024 8:50	59.0	4.0	9.0	ESE	0.0
6/8/2024 8:55	59.0	4.0	9.0	NE	0.0
6/8/2024 9:00	59.0	3.0	8.0	ENE	0.0
6/8/2024 9:05	60.0	5.0	9.0	ESE	0.0
6/8/2024 9:10	60.0	6.0	10.0	ENE	0.0
6/8/2024 9:15	60.0	3.0	8.0	NNE	0.0
6/8/2024 9:20	60.0	3.0	7.0	N	0.0
6/8/2024 9:25	61.0	2.0	6.0	NNW	0.0
6/8/2024 9:30	61.0	4.0	10.0	NE	0.0
6/8/2024 9:35	61.0	5.0	10.0	E	0.0
6/8/2024 9:40	61.0	4.0	7.0	E	0.0
6/8/2024 9:45	61.0	5.0	9.0	ESE	0.0
6/8/2024 9:50	61.0	5.0	10.0	NE	0.0
6/8/2024 9:55	61.0	5.0	11.0	ESE	0.0
6/8/2024 10:00	61.0	5.0	9.0	NE	0.0
6/8/2024 10:05	61.0	5.0	12.0	E	0.0
6/8/2024 10:10	61.0	5.0	10.0	E	0.0
6/8/2024 10:15	61.0	5.0	9.0	E	0.0
6/8/2024 10:20	61.0	5.0	10.0	E	0.0
6/8/2024 10:25	61.0	6.0	11.0	ENE	0.0
6/8/2024 10:30	60.0	7.0	11.0	E	0.0
6/8/2024 10:35	60.0	6.0	12.0	E	0.0
6/8/2024 10:40	60.0	6.0	12.0	E	0.0
6/8/2024 10:45	60.0	5.0	12.0	E	0.0
6/8/2024 10:50	60.0	7.0	13.0	E	0.0
6/8/2024 10:55	60.0	7.0	13.0	E	0.0
6/8/2024 11:00	60.0	7.0	13.0	ENE	0.0
6/8/2024 11:05	60.0	6.0	13.0	ENE	0.0
6/8/2024 11:10	61.0	5.0	9.0	E	0.0
6/8/2024 11:15	61.0	5.0	11.0	ENE	0.0
6/8/2024 11:20	61.0	5.0	10.0	ENE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/8/2024 11:25	61.0	5.0	10.0	E	0.0
6/8/2024 11:30	61.0	3.0	9.0	ESE	0.0
6/8/2024 11:35	62.0	5.0	9.0	E	0.0
6/8/2024 11:40	62.0	6.0	11.0	E	0.0
6/8/2024 11:45	62.0	6.0	12.0	E	0.0
6/8/2024 11:50	62.0	7.0	12.0	E	0.0
6/8/2024 11:55	62.0	6.0	12.0	E	0.0
6/8/2024 12:00	62.0	6.0	13.0	E	0.0
6/8/2024 12:05	62.0	8.0	13.0	E	0.0
6/8/2024 12:10	62.0	7.0	13.0	E	0.0
6/8/2024 12:15	62.0	8.0	12.0	ENE	0.0
6/8/2024 12:20	62.0	8.0	13.0	E	0.0
6/8/2024 12:25	62.0	9.0	14.0	ESE	0.0
6/8/2024 12:30	62.0	9.0	14.0	E	0.0
6/8/2024 12:35	62.0	8.0	15.0	E	0.0
6/8/2024 12:40	62.0	9.0	16.0	ESE	0.0
6/8/2024 12:45	62.0	10.0	15.0	ESE	0.0
6/8/2024 12:50	62.0	8.0	16.0	ESE	0.0
6/8/2024 12:55	62.0	7.0	14.0	E	0.0
6/8/2024 13:00	62.0	11.0	18.0	ESE	0.0
6/8/2024 13:05	61.0	11.0	17.0	E	0.0
6/8/2024 13:10	61.0	11.0	20.0	E	0.0
6/8/2024 13:15	61.0	9.0	18.0	ESE	0.0
6/8/2024 13:20	61.0	10.0	18.0	E	0.0
6/8/2024 13:25	61.0	11.0	19.0	E	0.0
6/8/2024 13:30	61.0	10.0	18.0	E	0.0
6/8/2024 13:35	61.0	10.0	17.0	E	0.0
6/8/2024 13:40	61.0	11.0	18.0	ESE	0.0
6/8/2024 13:45	61.0	12.0	18.0	ESE	0.0
6/8/2024 13:50	61.0	13.0	21.0	E	0.0
6/8/2024 13:55	61.0	13.0	21.0	ESE	0.0
6/8/2024 14:00	61.0	11.0	16.0	E	0.0
6/8/2024 14:05	61.0	13.0	21.0	E	0.0
6/8/2024 14:10	61.0	12.0	21.0	ESE	0.0
6/8/2024 14:15	62.0	12.0	18.0	E	0.0
6/8/2024 14:20	61.0	13.0	24.0	E	0.0
6/8/2024 14:25	61.0	15.0	23.0	E	0.0
6/8/2024 14:30	60.0	14.0	22.0	E	0.0
6/8/2024 14:35	60.0	13.0	20.0	E	0.0
6/8/2024 14:40	60.0	12.0	19.0	ESE	0.0
6/8/2024 14:45	60.0	10.0	18.0	E	0.0
6/8/2024 14:50	61.0	12.0	20.0	ESE	0.0
6/8/2024 14:55	61.0	13.0	19.0	E	0.0
6/8/2024 15:00	61.0	12.0	17.0	ESE	0.0
6/8/2024 15:05	61.0	11.0	15.0	ESE	0.0
6/8/2024 15:10	61.0	10.0	16.0	E	0.0
6/8/2024 15:15	61.0	10.0	18.0	ESE	0.0
6/8/2024 15:20	61.0	11.0	18.0	E	0.0
6/8/2024 15:25	61.0	11.0	18.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/8/2024 15:30	61.0	10.0	16.0	E	0.0
6/8/2024 15:35	62.0	9.0	17.0	ESE	0.0
6/8/2024 15:40	62.0	9.0	17.0	E	0.0
6/8/2024 15:45	62.0	9.0	15.0	E	0.0
6/8/2024 15:50	62.0	9.0	14.0	E	0.0
6/8/2024 15:55	62.0	7.0	14.0	E	0.0
6/8/2024 16:00	62.0	9.0	14.0	E	0.0
6/8/2024 16:05	62.0	8.0	13.0	E	0.0
6/8/2024 16:10	62.0	5.0	9.0	E	0.0
6/8/2024 16:15	62.0	7.0	13.0	E	0.0
6/8/2024 16:20	62.0	6.0	11.0	E	0.0
6/8/2024 16:25	63.0	7.0	13.0	ENE	0.0
6/8/2024 16:30	63.0	6.0	10.0	SE	0.0
6/8/2024 16:35	63.0	5.0	10.0	SE	0.0
6/8/2024 16:40	63.0	4.0	10.0	ESE	0.0
6/8/2024 16:45	63.0	5.0	9.0	ENE	0.0
6/8/2024 16:50	63.0	6.0	10.0	ENE	0.0
6/8/2024 16:55	63.0	6.0	10.0	E	0.0
6/8/2024 17:00	63.0	6.0	12.0	NE	0.0
6/8/2024 17:05	63.0	7.0	13.0	ENE	0.0
6/8/2024 17:10	63.0	5.0	11.0	E	0.0
6/8/2024 17:15	63.0	7.0	11.0	E	0.0
6/8/2024 17:20	63.0	8.0	11.0	E	0.0
6/8/2024 17:25	63.0	7.0	12.0	E	0.0
6/8/2024 17:30	63.0	5.0	10.0	ESE	0.0
6/8/2024 17:35	64.0	5.0	10.0	ESE	0.0
6/8/2024 17:40	64.0	6.0	10.0	ENE	0.0
6/8/2024 17:45	64.0	8.0	15.0	NE	0.0
6/8/2024 17:50	64.0	9.0	15.0	ESE	0.0
6/8/2024 17:55	63.0	11.0	17.0	ENE	0.0
6/8/2024 18:00	63.0	11.0	17.0	E	0.0
6/10/2024 6:00	56.0	0.0	1.0	E	0.0
6/10/2024 6:05	56.0	1.0	3.0	NE	0.0
6/10/2024 6:10	56.0	0.0	2.0	NE	0.0
6/10/2024 6:15	56.0	2.0	4.0	ENE	0.0
6/10/2024 6:20	56.0	0.0	3.0	NNW	0.0
6/10/2024 6:25	56.0	0.0	0.0		0.0
6/10/2024 6:30	56.0	0.0	0.0		0.0
6/10/2024 6:35	56.0	0.0	0.0		0.0
6/10/2024 6:40	56.0	0.0	0.0		0.0
6/10/2024 6:45	56.0	0.0	0.0		0.0
6/10/2024 6:50	56.0	1.0	2.0	ENE	0.0
6/10/2024 6:55	56.0	0.0	0.0		0.0
6/10/2024 7:00	56.0	1.0	5.0	N	0.0
6/10/2024 7:05	56.0	2.0	5.0	N	0.0
6/10/2024 7:10	57.0	1.0	6.0	WNW	0.0
6/10/2024 7:15	57.0	2.0	6.0	N	0.0
6/10/2024 7:20	57.0	2.0	6.0	N	0.0
6/10/2024 7:25	57.0	1.0	7.0	WNW	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/10/2024 7:30	57.0	2.0	7.0	NW	0.0
6/10/2024 7:35	57.0	1.0	4.0	NNW	0.0
6/10/2024 7:40	57.0	1.0	4.0	NW	0.0
6/10/2024 7:45	58.0	1.0	2.0	NNW	0.0
6/10/2024 7:50	58.0	1.0	3.0	NNW	0.0
6/10/2024 7:55	58.0	2.0	6.0	WNW	0.0
6/10/2024 8:00	59.0	2.0	7.0	WSW	0.0
6/10/2024 8:05	59.0	2.0	4.0	WNW	0.0
6/10/2024 8:10	60.0	2.0	4.0	NNW	0.0
6/10/2024 8:15	60.0	3.0	7.0	NNW	0.0
6/10/2024 8:20	60.0	2.0	5.0	NW	0.0
6/10/2024 8:25	61.0	1.0	4.0	N	0.0
6/10/2024 8:30	62.0	2.0	5.0	NNW	0.0
6/10/2024 8:35	62.0	2.0	6.0	NNW	0.0
6/10/2024 8:40	62.0	2.0	5.0	NNW	0.0
6/10/2024 8:45	62.0	2.0	5.0	NNE	0.0
6/10/2024 8:50	62.0	3.0	6.0	NNE	0.0
6/10/2024 8:55	62.0	1.0	4.0	WNW	0.0
6/10/2024 9:00	63.0	1.0	5.0	N	0.0
6/10/2024 9:05	64.0	2.0	5.0	NNW	0.0
6/10/2024 9:10	64.0	2.0	5.0	NNE	0.0
6/10/2024 9:15	64.0	3.0	6.0	NNE	0.0
6/10/2024 9:20	64.0	2.0	6.0	NNE	0.0
6/10/2024 9:25	63.0	1.0	3.0	NNE	0.0
6/10/2024 9:30	64.0	2.0	4.0	NNE	0.0
6/10/2024 9:35	64.0	2.0	4.0	E	0.0
6/10/2024 9:40	64.0	3.0	7.0	E	0.0
6/10/2024 9:45	63.0	4.0	7.0	ESE	0.0
6/10/2024 9:50	63.0	4.0	7.0	E	0.0
6/10/2024 9:55	62.0	3.0	4.0	SE	0.0
6/10/2024 10:00	63.0	2.0	5.0	ENE	0.0
6/10/2024 10:05	63.0	2.0	5.0	ENE	0.0
6/10/2024 10:10	64.0	3.0	6.0	NNE	0.0
6/10/2024 10:15	64.0	2.0	4.0	ESE	0.0
6/10/2024 10:20	64.0	3.0	10.0	ESE	0.0
6/10/2024 10:25	64.0	5.0	10.0	E	0.0
6/10/2024 10:30	64.0	4.0	8.0	E	0.0
6/10/2024 10:35	64.0	6.0	10.0	E	0.0
6/10/2024 10:40	63.0	4.0	8.0	E	0.0
6/10/2024 10:45	63.0	4.0	7.0	ENE	0.0
6/10/2024 10:50	63.0	4.0	10.0	E	0.0
6/10/2024 10:55	63.0	4.0	7.0	ESE	0.0
6/10/2024 11:00	64.0	4.0	8.0	E	0.0
6/10/2024 11:05	64.0	6.0	10.0	ESE	0.0
6/10/2024 11:10	64.0	5.0	10.0	ESE	0.0
6/10/2024 11:15	64.0	6.0	11.0	E	0.0
6/10/2024 11:20	64.0	6.0	11.0	ENE	0.0
6/10/2024 11:25	64.0	6.0	12.0	ENE	0.0
6/10/2024 11:30	64.0	6.0	9.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/10/2024 11:35	64.0	6.0	10.0	E	0.0
6/10/2024 11:40	65.0	6.0	10.0	E	0.0
6/10/2024 11:45	65.0	6.0	10.0	E	0.0
6/10/2024 11:50	65.0	5.0	10.0	E	0.0
6/10/2024 11:55	66.0	7.0	12.0	E	0.0
6/10/2024 12:00	66.0	6.0	11.0	E	0.0
6/10/2024 12:05	66.0	8.0	11.0	E	0.0
6/10/2024 12:10	66.0	7.0	12.0	E	0.0
6/10/2024 12:15	66.0	7.0	11.0	E	0.0
6/10/2024 12:20	66.0	5.0	10.0	E	0.0
6/10/2024 12:25	66.0	6.0	10.0	S	0.0
6/10/2024 12:30	66.0	5.0	9.0	ENE	0.0
6/10/2024 12:35	67.0	6.0	10.0	SE	0.0
6/10/2024 12:40	68.0	5.0	11.0	E	0.0
6/10/2024 12:45	68.0	7.0	11.0	ESE	0.0
6/10/2024 12:50	68.0	6.0	10.0	ESE	0.0
6/10/2024 12:55	68.0	6.0	11.0	E	0.0
6/10/2024 13:00	68.0	7.0	13.0	ESE	0.0
6/10/2024 13:05	68.0	5.0	10.0	E	0.0
6/10/2024 13:10	68.0	6.0	12.0	ESE	0.0
6/10/2024 13:15	68.0	7.0	13.0	E	0.0
6/10/2024 13:20	68.0	10.0	14.0	E	0.0
6/10/2024 13:25	68.0	8.0	13.0	E	0.0
6/10/2024 13:30	68.0	6.0	13.0	E	0.0
6/10/2024 13:35	68.0	8.0	12.0	ESE	0.0
6/10/2024 13:40	68.0	8.0	14.0	E	0.0
6/10/2024 13:45	68.0	8.0	12.0	E	0.0
6/10/2024 13:50	68.0	9.0	14.0	ESE	0.0
6/10/2024 13:55	68.0	9.0	13.0	E	0.0
6/10/2024 14:00	68.0	9.0	13.0	ESE	0.0
6/10/2024 14:05	68.0	9.0	13.0	SE	0.0
6/10/2024 14:10	68.0	6.0	12.0	ENE	0.0
6/10/2024 14:15	69.0	6.0	12.0	S	0.0
6/10/2024 14:20	69.0	7.0	11.0	SE	0.0
6/10/2024 14:25	69.0	7.0	14.0	E	0.0
6/10/2024 14:30	68.0	9.0	17.0	E	0.0
6/10/2024 14:35	68.0	10.0	15.0	E	0.0
6/10/2024 14:40	68.0	8.0	15.0	E	0.0
6/10/2024 14:45	68.0	10.0	16.0	E	0.0
6/10/2024 14:50	68.0	8.0	13.0	ESE	0.0
6/10/2024 14:55	68.0	6.0	11.0	E	0.0
6/10/2024 15:00	69.0	7.0	11.0	E	0.0
6/10/2024 15:05	69.0	6.0	13.0	E	0.0
6/10/2024 15:10	70.0	5.0	10.0	ESE	0.0
6/10/2024 15:15	70.0	7.0	13.0	E	0.0
6/10/2024 15:20	69.0	10.0	14.0	E	0.0
6/10/2024 15:25	69.0	8.0	14.0	E	0.0
6/10/2024 15:30	69.0	8.0	13.0	E	0.0
6/10/2024 15:35	68.0	9.0	14.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/10/2024 15:40	68.0	10.0	15.0	E	0.0
6/10/2024 15:45	68.0	9.0	16.0	ESE	0.0
6/10/2024 15:50	68.0	10.0	15.0	E	0.0
6/10/2024 15:55	68.0	10.0	17.0	E	0.0
6/10/2024 16:00	68.0	9.0	15.0	E	0.0
6/10/2024 16:05	68.0	7.0	12.0	E	0.0
6/10/2024 16:10	69.0	7.0	13.0	ESE	0.0
6/10/2024 16:15	69.0	7.0	12.0	E	0.0
6/10/2024 16:20	69.0	9.0	18.0	E	0.0
6/10/2024 16:25	69.0	9.0	14.0	ENE	0.0
6/10/2024 16:30	68.0	11.0	16.0	E	0.0
6/10/2024 16:35	68.0	11.0	17.0	E	0.0
6/10/2024 16:40	67.0	10.0	17.0	ESE	0.0
6/10/2024 16:45	67.0	10.0	16.0	ENE	0.0
6/10/2024 16:50	67.0	8.0	13.0	ESE	0.0
6/10/2024 16:55	67.0	10.0	16.0	E	0.0
6/10/2024 17:00	67.0	11.0	17.0	E	0.0
6/10/2024 17:05	66.0	9.0	16.0	ESE	0.0
6/10/2024 17:10	66.0	11.0	18.0	E	0.0
6/10/2024 17:15	66.0	10.0	15.0	E	0.0
6/10/2024 17:20	66.0	11.0	19.0	E	0.0
6/10/2024 17:25	65.0	11.0	16.0	ESE	0.0
6/10/2024 17:30	65.0	11.0	18.0	E	0.0
6/10/2024 17:35	64.0	10.0	16.0	ESE	0.0
6/10/2024 17:40	64.0	9.0	16.0	E	0.0
6/10/2024 17:45	64.0	8.0	12.0	ESE	0.0
6/10/2024 17:50	65.0	8.0	14.0	E	0.0
6/10/2024 17:55	65.0	9.0	15.0	SE	0.0
6/10/2024 18:00	64.0	10.0	16.0	E	0.0
6/11/2024 6:00	55.0	1.0	3.0	SSW	0.0
6/11/2024 6:05	55.0	2.0	4.0	SSW	0.0
6/11/2024 6:10	55.0	1.0	4.0	SSW	0.0
6/11/2024 6:15	55.0	0.0	2.0	S	0.0
6/11/2024 6:20	55.0	1.0	4.0	SSW	0.0
6/11/2024 6:25	56.0	1.0	4.0	SSW	0.0
6/11/2024 6:30	56.0	1.0	3.0	S	0.0
6/11/2024 6:35	56.0	1.0	4.0	S	0.0
6/11/2024 6:40	56.0	1.0	3.0	S	0.0
6/11/2024 6:45	56.0	2.0	4.0	S	0.0
6/11/2024 6:50	56.0	1.0	2.0	SSW	0.0
6/11/2024 6:55	57.0	0.0	2.0	SSW	0.0
6/11/2024 7:00	57.0	0.0	3.0	SSW	0.0
6/11/2024 7:05	57.0	0.0	0.0		0.0
6/11/2024 7:10	58.0	0.0	2.0	SSW	0.0
6/11/2024 7:15	58.0	0.0	2.0	SSW	0.0
6/11/2024 7:20	59.0	0.0	2.0	WSW	0.0
6/11/2024 7:25	59.0	0.0	2.0	WSW	0.0
6/11/2024 7:30	60.0	0.0	0.0		0.0
6/11/2024 7:35	60.0	0.0	0.0		0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/11/2024 7:40	61.0	0.0	0.0		0.0
6/11/2024 7:45	61.0	0.0	0.0		0.0
6/11/2024 7:50	62.0	0.0	2.0	NNE	0.0
6/11/2024 7:55	62.0	0.0	0.0		0.0
6/11/2024 8:00	63.0	0.0	2.0	NW	0.0
6/11/2024 8:05	63.0	0.0	0.0		0.0
6/11/2024 8:10	64.0	0.0	0.0		0.0
6/11/2024 8:15	64.0	1.0	4.0	NNW	0.0
6/11/2024 8:20	64.0	2.0	4.0	WNW	0.0
6/11/2024 8:25	64.0	1.0	3.0	WNW	0.0
6/11/2024 8:30	65.0	2.0	4.0	NW	0.0
6/11/2024 8:35	65.0	1.0	4.0	NE	0.0
6/11/2024 8:40	65.0	2.0	3.0	NNE	0.0
6/11/2024 8:45	65.0	1.0	2.0	WSW	0.0
6/11/2024 8:50	66.0	1.0	3.0	NE	0.0
6/11/2024 8:55	66.0	2.0	3.0	ENE	0.0
6/11/2024 9:00	65.0	2.0	6.0	E	0.0
6/11/2024 9:05	65.0	2.0	5.0	ENE	0.0
6/11/2024 9:10	65.0	2.0	5.0	ENE	0.0
6/11/2024 9:15	65.0	1.0	3.0	ESE	0.0
6/11/2024 9:20	65.0	1.0	3.0	SE	0.0
6/11/2024 9:25	66.0	2.0	4.0	ENE	0.0
6/11/2024 9:30	66.0	3.0	6.0	E	0.0
6/11/2024 9:35	66.0	2.0	6.0	NE	0.0
6/11/2024 9:40	66.0	3.0	6.0	ESE	0.0
6/11/2024 9:45	66.0	3.0	6.0	E	0.0
6/11/2024 9:50	66.0	3.0	6.0	E	0.0
6/11/2024 9:55	66.0	3.0	8.0	ESE	0.0
6/11/2024 10:00	66.0	4.0	7.0	E	0.0
6/11/2024 10:05	66.0	3.0	6.0	E	0.0
6/11/2024 10:10	66.0	4.0	8.0	ENE	0.0
6/11/2024 10:15	66.0	3.0	7.0	ENE	0.0
6/11/2024 10:20	66.0	2.0	4.0	ESE	0.0
6/11/2024 10:25	67.0	2.0	4.0	ENE	0.0
6/11/2024 10:30	67.0	2.0	6.0	E	0.0
6/11/2024 10:35	68.0	3.0	5.0	ESE	0.0
6/11/2024 10:40	68.0	2.0	7.0	E	0.0
6/11/2024 10:45	68.0	2.0	4.0	E	0.0
6/11/2024 10:50	68.0	4.0	7.0	E	0.0
6/11/2024 10:55	68.0	4.0	7.0	ESE	0.0
6/11/2024 11:00	68.0	4.0	7.0	ESE	0.0
6/11/2024 11:05	68.0	4.0	8.0	ENE	0.0
6/11/2024 11:10	69.0	4.0	8.0	ENE	0.0
6/11/2024 11:15	69.0	4.0	7.0	E	0.0
6/11/2024 11:20	69.0	4.0	8.0	E	0.0
6/11/2024 11:25	69.0	3.0	7.0	ESE	0.0
6/11/2024 11:30	70.0	3.0	6.0	E	0.0
6/11/2024 11:35	70.0	2.0	4.0	E	0.0
6/11/2024 11:40	71.0	3.0	7.0	ENE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/11/2024 11:45	72.0	4.0	8.0	ENE	0.0
6/11/2024 11:50	72.0	3.0	6.0	E	0.0
6/11/2024 11:55	72.0	3.0	7.0	ENE	0.0
6/11/2024 12:00	73.0	4.0	8.0	ENE	0.0
6/11/2024 12:05	73.0	2.0	6.0	ESE	0.0
6/11/2024 12:10	73.0	3.0	5.0	ESE	0.0
6/11/2024 12:15	74.0	2.0	5.0	N	0.0
6/11/2024 12:20	75.0	3.0	6.0	N	0.0
6/11/2024 12:25	76.0	3.0	5.0	NE	0.0
6/11/2024 12:30	76.0	3.0	5.0	N	0.0
6/11/2024 12:35	77.0	4.0	8.0	ENE	0.0
6/11/2024 12:40	77.0	4.0	7.0	E	0.0
6/11/2024 12:45	76.0	4.0	7.0	E	0.0
6/11/2024 12:50	76.0	5.0	8.0	E	0.0
6/11/2024 12:55	75.0	4.0	8.0	E	0.0
6/11/2024 13:00	75.0	4.0	9.0	ENE	0.0
6/11/2024 13:05	75.0	5.0	9.0	E	0.0
6/11/2024 13:10	75.0	5.0	9.0	ESE	0.0
6/11/2024 13:15	75.0	5.0	10.0	E	0.0
6/11/2024 13:20	75.0	6.0	9.0	ESE	0.0
6/11/2024 13:25	76.0	4.0	9.0	E	0.0
6/11/2024 13:30	77.0	6.0	12.0	SE	0.0
6/11/2024 13:35	78.0	5.0	10.0	E	0.0
6/11/2024 13:40	79.0	7.0	12.0	E	0.0
6/11/2024 13:45	79.0	6.0	10.0	ESE	0.0
6/11/2024 13:50	79.0	7.0	12.0	E	0.0
6/11/2024 13:55	80.0	5.0	9.0	E	0.0
6/11/2024 14:00	80.0	5.0	10.0	E	0.0
6/11/2024 14:05	80.0	7.0	13.0	E	0.0
6/11/2024 14:10	80.0	7.0	12.0	E	0.0
6/11/2024 14:15	80.0	8.0	13.0	E	0.0
6/11/2024 14:20	80.0	8.0	13.0	E	0.0
6/11/2024 14:25	80.0	9.0	12.0	ENE	0.0
6/11/2024 14:30	80.0	8.0	14.0	E	0.0
6/11/2024 14:35	80.0	7.0	13.0	ENE	0.0
6/11/2024 14:40	80.0	6.0	10.0	E	0.0
6/11/2024 14:45	81.0	7.0	12.0	ESE	0.0
6/11/2024 14:50	81.0	7.0	15.0	E	0.0
6/11/2024 14:55	81.0	8.0	13.0	E	0.0
6/11/2024 15:00	81.0	7.0	14.0	E	0.0
6/11/2024 15:05	81.0	7.0	12.0	ENE	0.0
6/11/2024 15:10	81.0	9.0	13.0	E	0.0
6/11/2024 15:15	80.0	8.0	15.0	E	0.0
6/11/2024 15:20	79.0	7.0	11.0	ESE	0.0
6/11/2024 15:25	79.0	7.0	12.0	E	0.0
6/11/2024 15:30	79.0	8.0	14.0	E	0.0
6/11/2024 15:35	79.0	8.0	12.0	E	0.0
6/11/2024 15:40	79.0	10.0	15.0	E	0.0
6/11/2024 15:45	78.0	9.0	14.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/11/2024 15:50	79.0	8.0	14.0	E	0.0
6/11/2024 15:55	79.0	8.0	14.0	E	0.0
6/11/2024 16:00	79.0	7.0	14.0	ESE	0.0
6/11/2024 16:05	80.0	7.0	13.0	E	0.0
6/11/2024 16:10	80.0	7.0	12.0	E	0.0
6/11/2024 16:15	80.0	7.0	11.0	SE	0.0
6/11/2024 16:20	80.0	8.0	13.0	E	0.0
6/11/2024 16:25	80.0	7.0	10.0	E	0.0
6/11/2024 16:30	80.0	7.0	11.0	E	0.0
6/11/2024 16:35	80.0	6.0	10.0	ESE	0.0
6/11/2024 16:40	80.0	7.0	12.0	ENE	0.0
6/11/2024 16:45	80.0	9.0	14.0	E	0.0
6/11/2024 16:50	80.0	8.0	14.0	E	0.0
6/11/2024 16:55	79.0	8.0	12.0	E	0.0
6/11/2024 17:00	79.0	9.0	14.0	E	0.0
6/11/2024 17:05	79.0	9.0	12.0	E	0.0
6/11/2024 17:10	79.0	7.0	12.0	SE	0.0
6/11/2024 17:15	79.0	7.0	13.0	ENE	0.0
6/11/2024 17:20	79.0	7.0	14.0	ESE	0.0
6/11/2024 17:25	79.0	6.0	14.0	ESE	0.0
6/11/2024 17:30	79.0	6.0	10.0	SE	0.0
6/11/2024 17:35	79.0	6.0	10.0	E	0.0
6/11/2024 17:40	79.0	6.0	12.0	E	0.0
6/11/2024 17:45	78.0	8.0	12.0	ESE	0.0
6/11/2024 17:50	77.0	9.0	13.0	E	0.0
6/11/2024 17:55	76.0	8.0	12.0	E	0.0
6/11/2024 18:00	76.0	7.0	11.0	E	0.0
6/13/2024 6:00	58.0	0.0	0.0		0.0
6/13/2024 6:05	58.0	1.0	3.0	NNE	0.0
6/13/2024 6:10	58.0	1.0	3.0	NNE	0.0
6/13/2024 6:15	58.0	1.0	3.0	NE	0.0
6/13/2024 6:20	58.0	2.0	5.0	ENE	0.0
6/13/2024 6:25	58.0	2.0	4.0	NNE	0.0
6/13/2024 6:30	58.0	1.0	4.0	N	0.0
6/13/2024 6:35	58.0	2.0	4.0	ENE	0.0
6/13/2024 6:40	58.0	2.0	4.0	ENE	0.0
6/13/2024 6:45	58.0	3.0	7.0	ENE	0.0
6/13/2024 6:50	58.0	3.0	6.0	E	0.0
6/13/2024 6:55	58.0	5.0	8.0	ENE	0.0
6/13/2024 7:00	58.0	4.0	8.0	ENE	0.0
6/13/2024 7:05	58.0	2.0	4.0	ENE	0.0
6/13/2024 7:10	58.0	4.0	9.0	ENE	0.0
6/13/2024 7:15	58.0	4.0	9.0	ENE	0.0
6/13/2024 7:20	58.0	4.0	8.0	E	0.0
6/13/2024 7:25	58.0	4.0	8.0	E	0.0
6/13/2024 7:30	58.0	5.0	8.0	ENE	0.0
6/13/2024 7:35	58.0	5.0	9.0	ENE	0.0
6/13/2024 7:40	58.0	4.0	8.0	ENE	0.0
6/13/2024 7:45	58.0	5.0	10.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/13/2024 7:50	58.0	5.0	9.0	ENE	0.0
6/13/2024 7:55	58.0	5.0	9.0	E	0.0
6/13/2024 8:00	58.0	5.0	9.0	ENE	0.0
6/13/2024 8:05	58.0	5.0	9.0	ENE	0.0
6/13/2024 8:10	58.0	5.0	10.0	ENE	0.0
6/13/2024 8:15	58.0	6.0	11.0	ENE	0.0
6/13/2024 8:20	58.0	8.0	13.0	E	0.0
6/13/2024 8:25	58.0	6.0	11.0	E	0.0
6/13/2024 8:30	58.0	6.0	11.0	NE	0.0
6/13/2024 8:35	58.0	5.0	8.0	ENE	0.0
6/13/2024 8:40	58.0	7.0	13.0	SE	0.0
6/13/2024 8:45	58.0	8.0	12.0	E	0.0
6/13/2024 8:50	58.0	7.0	11.0	E	0.0
6/13/2024 8:55	58.0	7.0	12.0	ENE	0.0
6/13/2024 9:00	58.0	7.0	13.0	E	0.0
6/13/2024 9:05	58.0	7.0	13.0	NE	0.0
6/13/2024 9:10	58.0	7.0	12.0	ENE	0.0
6/13/2024 9:15	58.0	7.0	12.0	E	0.0
6/13/2024 9:20	58.0	9.0	17.0	ENE	0.0
6/13/2024 9:25	58.0	9.0	16.0	E	0.0
6/13/2024 9:30	58.0	7.0	13.0	ENE	0.0
6/13/2024 9:35	59.0	9.0	16.0	NE	0.0
6/13/2024 9:40	59.0	8.0	16.0	ENE	0.0
6/13/2024 9:45	59.0	7.0	12.0	ENE	0.0
6/13/2024 9:50	59.0	6.0	12.0	ENE	0.0
6/13/2024 9:55	59.0	8.0	14.0	E	0.0
6/13/2024 10:00	60.0	7.0	13.0	ENE	0.0
6/13/2024 10:05	60.0	7.0	12.0	E	0.0
6/13/2024 10:10	60.0	8.0	13.0	E	0.0
6/13/2024 10:15	60.0	8.0	14.0	E	0.0
6/13/2024 10:20	60.0	7.0	12.0	ESE	0.0
6/13/2024 10:25	60.0	8.0	13.0	ESE	0.0
6/13/2024 10:30	60.0	8.0	13.0	ENE	0.0
6/13/2024 10:35	60.0	6.0	13.0	ESE	0.0
6/13/2024 10:40	60.0	7.0	13.0	ESE	0.0
6/13/2024 10:45	60.0	5.0	12.0	ESE	0.0
6/13/2024 10:50	60.0	7.0	13.0	E	0.0
6/13/2024 10:55	61.0	6.0	11.0	ENE	0.0
6/13/2024 11:00	61.0	8.0	15.0	ESE	0.0
6/13/2024 11:05	60.0	8.0	15.0	ESE	0.0
6/13/2024 11:10	60.0	8.0	12.0	ESE	0.0
6/13/2024 11:15	60.0	9.0	14.0	ENE	0.0
6/13/2024 11:20	60.0	7.0	13.0	E	0.0
6/13/2024 11:25	60.0	7.0	12.0	ESE	0.0
6/13/2024 11:30	60.0	6.0	12.0	ESE	0.0
6/13/2024 11:35	60.0	8.0	15.0	E	0.0
6/13/2024 11:40	60.0	9.0	16.0	E	0.0
6/13/2024 11:45	60.0	7.0	12.0	ENE	0.0
6/13/2024 11:50	60.0	9.0	13.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/13/2024 11:55	60.0	10.0	18.0	E	0.0
6/13/2024 12:00	60.0	9.0	16.0	E	0.0
6/13/2024 12:05	60.0	9.0	16.0	E	0.0
6/13/2024 12:10	60.0	8.0	15.0	E	0.0
6/13/2024 12:15	60.0	7.0	11.0	E	0.0
6/13/2024 12:20	61.0	8.0	14.0	ESE	0.0
6/13/2024 12:25	61.0	8.0	14.0	ESE	0.0
6/13/2024 12:30	61.0	10.0	15.0	E	0.0
6/13/2024 12:35	61.0	10.0	15.0	E	0.0
6/13/2024 12:40	61.0	10.0	16.0	E	0.0
6/13/2024 12:45	61.0	10.0	18.0	E	0.0
6/13/2024 12:50	61.0	11.0	18.0	SE	0.0
6/13/2024 12:55	61.0	11.0	17.0	ESE	0.0
6/13/2024 13:00	60.0	10.0	19.0	E	0.0
6/13/2024 13:05	60.0	11.0	19.0	ESE	0.0
6/13/2024 13:10	60.0	11.0	19.0	ESE	0.0
6/13/2024 13:15	60.0	10.0	19.0	ESE	0.0
6/13/2024 13:20	60.0	11.0	19.0	E	0.0
6/13/2024 13:25	60.0	10.0	17.0	E	0.0
6/13/2024 13:30	61.0	9.0	16.0	E	0.0
6/13/2024 13:35	61.0	10.0	16.0	ESE	0.0
6/13/2024 13:40	61.0	10.0	16.0	E	0.0
6/13/2024 13:45	61.0	8.0	15.0	ESE	0.0
6/13/2024 13:50	61.0	10.0	16.0	ESE	0.0
6/13/2024 13:55	61.0	9.0	18.0	E	0.0
6/13/2024 14:00	61.0	8.0	14.0	ESE	0.0
6/13/2024 14:05	61.0	8.0	13.0	ESE	0.0
6/13/2024 14:10	61.0	8.0	13.0	ESE	0.0
6/13/2024 14:15	62.0	9.0	13.0	E	0.0
6/13/2024 14:20	61.0	10.0	15.0	E	0.0
6/13/2024 14:25	61.0	9.0	14.0	ESE	0.0
6/13/2024 14:30	61.0	8.0	14.0	ESE	0.0
6/13/2024 14:35	61.0	10.0	16.0	E	0.0
6/13/2024 14:40	61.0	8.0	13.0	ESE	0.0
6/13/2024 14:45	61.0	8.0	17.0	E	0.0
6/13/2024 14:50	61.0	11.0	19.0	E	0.0
6/13/2024 14:55	62.0	10.0	18.0	E	0.0
6/13/2024 15:00	61.0	13.0	24.0	E	0.0
6/13/2024 15:05	60.0	11.0	18.0	ESE	0.0
6/13/2024 15:10	60.0	10.0	18.0	ESE	0.0
6/13/2024 15:15	60.0	11.0	17.0	SE	0.0
6/13/2024 15:20	60.0	10.0	17.0	E	0.0
6/13/2024 15:25	61.0	9.0	15.0	SE	0.0
6/13/2024 15:30	61.0	12.0	18.0	E	0.0
6/13/2024 15:35	61.0	12.0	20.0	E	0.0
6/13/2024 15:40	61.0	11.0	20.0	ENE	0.0
6/13/2024 15:45	61.0	8.0	15.0	SE	0.0
6/13/2024 15:50	61.0	11.0	17.0	E	0.0
6/13/2024 15:55	60.0	11.0	17.0	SE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/13/2024 16:00	60.0	12.0	20.0	ESE	0.0
6/13/2024 16:05	60.0	12.0	19.0	E	0.0
6/13/2024 16:10	60.0	10.0	19.0	E	0.0
6/13/2024 16:15	60.0	12.0	19.0	E	0.0
6/13/2024 16:20	60.0	11.0	19.0	E	0.0
6/13/2024 16:25	60.0	11.0	20.0	ENE	0.0
6/13/2024 16:30	60.0	12.0	20.0	ESE	0.0
6/13/2024 16:35	60.0	11.0	16.0	E	0.0
6/13/2024 16:40	60.0	8.0	18.0	E	0.0
6/13/2024 16:45	60.0	10.0	17.0	E	0.0
6/13/2024 16:50	60.0	13.0	22.0	E	0.0
6/13/2024 16:55	60.0	11.0	19.0	E	0.0
6/13/2024 17:00	60.0	13.0	20.0	ESE	0.0
6/13/2024 17:05	59.0	12.0	20.0	ESE	0.0
6/13/2024 17:10	59.0	13.0	20.0	ESE	0.0
6/13/2024 17:15	60.0	11.0	21.0	ESE	0.0
6/13/2024 17:20	60.0	11.0	19.0	E	0.0
6/13/2024 17:25	59.0	12.0	20.0	E	0.0
6/13/2024 17:30	59.0	12.0	20.0	E	0.0
6/13/2024 17:35	59.0	12.0	20.0	E	0.0
6/13/2024 17:40	59.0	13.0	19.0	E	0.0
6/13/2024 17:45	58.0	11.0	18.0	E	0.0
6/13/2024 17:50	59.0	10.0	18.0	E	0.0
6/13/2024 17:55	59.0	12.0	20.0	E	0.0
6/13/2024 18:00	58.0	9.0	14.0	E	0.0
6/14/2024 6:00	55.0	2.0	6.0	NNW	0.0
6/14/2024 6:05	55.0	2.0	5.0	NNW	0.0
6/14/2024 6:10	55.0	1.0	4.0	NNW	0.0
6/14/2024 6:15	55.0	2.0	4.0	W	0.0
6/14/2024 6:20	55.0	2.0	6.0	WNW	0.0
6/14/2024 6:25	55.0	0.0	3.0	WNW	0.0
6/14/2024 6:30	55.0	2.0	4.0	NNW	0.0
6/14/2024 6:35	55.0	2.0	4.0	NNE	0.0
6/14/2024 6:40	55.0	2.0	3.0	N	0.0
6/14/2024 6:45	55.0	1.0	3.0	NW	0.0
6/14/2024 6:50	55.0	0.0	2.0	NNW	0.0
6/14/2024 6:55	55.0	2.0	4.0	NW	0.0
6/14/2024 7:00	55.0	1.0	3.0	WNW	0.0
6/14/2024 7:05	55.0	2.0	3.0	NW	0.0
6/14/2024 7:10	55.0	2.0	5.0	NW	0.0
6/14/2024 7:15	55.0	2.0	4.0	NW	0.0
6/14/2024 7:20	55.0	1.0	4.0	WNW	0.0
6/14/2024 7:25	56.0	2.0	5.0	NW	0.0
6/14/2024 7:30	56.0	3.0	6.0	W	0.0
6/14/2024 7:35	56.0	2.0	6.0	WNW	0.0
6/14/2024 7:40	56.0	2.0	4.0	NW	0.0
6/14/2024 7:45	57.0	1.0	3.0	NNE	0.0
6/14/2024 7:50	57.0	2.0	7.0	NNW	0.0
6/14/2024 7:55	58.0	3.0	7.0	NNW	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/14/2024 8:00	58.0	1.0	4.0	WNW	0.0
6/14/2024 8:05	58.0	2.0	5.0	NNW	0.0
6/14/2024 8:10	58.0	1.0	5.0	NNE	0.0
6/14/2024 8:15	58.0	2.0	5.0	NE	0.0
6/14/2024 8:20	59.0	1.0	3.0	NNE	0.0
6/14/2024 8:25	59.0	2.0	6.0	NNE	0.0
6/14/2024 8:30	59.0	2.0	5.0	NNE	0.0
6/14/2024 8:35	59.0	3.0	5.0	ENE	0.0
6/14/2024 8:40	58.0	2.0	5.0	NE	0.0
6/14/2024 8:45	59.0	2.0	4.0	NE	0.0
6/14/2024 8:50	59.0	3.0	6.0	N	0.0
6/14/2024 8:55	59.0	3.0	6.0	NNE	0.0
6/14/2024 9:00	60.0	2.0	4.0	ENE	0.0
6/14/2024 9:05	60.0	3.0	7.0	E	0.0
6/14/2024 9:10	59.0	3.0	7.0	ESE	0.0
6/14/2024 9:15	59.0	2.0	7.0	ENE	0.0
6/14/2024 9:20	60.0	2.0	7.0	NE	0.0
6/14/2024 9:25	60.0	2.0	5.0	NE	0.0
6/14/2024 9:30	60.0	4.0	8.0	ENE	0.0
6/14/2024 9:35	60.0	3.0	7.0	N	0.0
6/14/2024 9:40	60.0	2.0	5.0	NNE	0.0
6/14/2024 9:45	61.0	3.0	6.0	NNE	0.0
6/14/2024 9:50	61.0	2.0	6.0	E	0.0
6/14/2024 9:55	62.0	2.0	5.0	NNE	0.0
6/14/2024 10:00	62.0	3.0	5.0	NNE	0.0
6/14/2024 10:05	62.0	3.0	6.0	ENE	0.0
6/14/2024 10:10	62.0	4.0	8.0	E	0.0
6/14/2024 10:15	61.0	3.0	8.0	E	0.0
6/14/2024 10:20	61.0	2.0	7.0	E	0.0
6/14/2024 10:25	61.0	4.0	8.0	ESE	0.0
6/14/2024 10:30	61.0	3.0	7.0	ESE	0.0
6/14/2024 10:35	61.0	4.0	8.0	ENE	0.0
6/14/2024 10:40	61.0	4.0	8.0	ESE	0.0
6/14/2024 10:45	61.0	3.0	7.0	E	0.0
6/14/2024 10:50	61.0	3.0	7.0	ESE	0.0
6/14/2024 10:55	61.0	5.0	8.0	E	0.0
6/14/2024 11:00	60.0	4.0	7.0	ESE	0.0
6/14/2024 11:05	61.0	3.0	8.0	E	0.0
6/14/2024 11:10	61.0	3.0	7.0	E	0.0
6/14/2024 11:15	61.0	3.0	7.0	ESE	0.0
6/14/2024 11:20	62.0	3.0	7.0	ESE	0.0
6/14/2024 11:25	62.0	3.0	6.0	E	0.0
6/14/2024 11:30	62.0	4.0	7.0	ESE	0.0
6/14/2024 11:35	62.0	2.0	4.0	E	0.0
6/14/2024 11:40	62.0	3.0	7.0	SE	0.0
6/14/2024 11:45	63.0	2.0	7.0	ESE	0.0
6/14/2024 11:50	63.0	2.0	6.0	E	0.0
6/14/2024 11:55	63.0	1.0	5.0	ESE	0.0
6/14/2024 12:00	64.0	2.0	4.0	SE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/14/2024 12:05	65.0	3.0	6.0	ESE	0.0
6/14/2024 12:10	65.0	3.0	8.0	E	0.0
6/14/2024 12:15	65.0	4.0	8.0	E	0.0
6/14/2024 12:20	65.0	5.0	9.0	E	0.0
6/14/2024 12:25	65.0	6.0	10.0	ESE	0.0
6/14/2024 12:30	64.0	5.0	10.0	E	0.0
6/14/2024 12:35	64.0	5.0	9.0	SE	0.0
6/14/2024 12:40	64.0	5.0	10.0	E	0.0
6/14/2024 12:45	64.0	6.0	11.0	E	0.0
6/14/2024 12:50	64.0	6.0	10.0	ESE	0.0
6/14/2024 12:55	64.0	5.0	9.0	SSE	0.0
6/14/2024 13:00	64.0	6.0	10.0	E	0.0
6/14/2024 13:05	64.0	5.0	9.0	E	0.0
6/14/2024 13:10	64.0	7.0	10.0	E	0.0
6/14/2024 13:15	64.0	8.0	12.0	ESE	0.0
6/14/2024 13:20	64.0	7.0	11.0	E	0.0
6/14/2024 13:25	64.0	7.0	12.0	E	0.0
6/14/2024 13:30	64.0	7.0	12.0	E	0.0
6/14/2024 13:35	65.0	7.0	11.0	E	0.0
6/14/2024 13:40	65.0	7.0	12.0	E	0.0
6/14/2024 13:45	65.0	6.0	12.0	E	0.0
6/14/2024 13:50	65.0	7.0	12.0	ESE	0.0
6/14/2024 13:55	66.0	8.0	11.0	ESE	0.0
6/14/2024 14:00	65.0	7.0	13.0	ESE	0.0
6/14/2024 14:05	65.0	8.0	13.0	E	0.0
6/14/2024 14:10	65.0	8.0	13.0	E	0.0
6/14/2024 14:15	64.0	7.0	13.0	E	0.0
6/14/2024 14:20	64.0	7.0	11.0	E	0.0
6/14/2024 14:25	64.0	7.0	12.0	S	0.0
6/14/2024 14:30	64.0	7.0	13.0	E	0.0
6/14/2024 14:35	64.0	8.0	13.0	E	0.0
6/14/2024 14:40	64.0	8.0	13.0	E	0.0
6/14/2024 14:45	64.0	6.0	11.0	E	0.0
6/14/2024 14:50	64.0	7.0	12.0	E	0.0
6/14/2024 14:55	65.0	8.0	13.0	E	0.0
6/14/2024 15:00	64.0	8.0	13.0	E	0.0
6/14/2024 15:05	64.0	8.0	12.0	E	0.0
6/14/2024 15:10	64.0	8.0	13.0	E	0.0
6/14/2024 15:15	64.0	8.0	13.0	E	0.0
6/14/2024 15:20	64.0	8.0	14.0	E	0.0
6/14/2024 15:25	64.0	7.0	11.0	E	0.0
6/14/2024 15:30	65.0	7.0	13.0	E	0.0
6/14/2024 15:35	65.0	7.0	11.0	ESE	0.0
6/14/2024 15:40	66.0	7.0	13.0	ENE	0.0
6/14/2024 15:45	66.0	6.0	10.0	SE	0.0
6/14/2024 15:50	65.0	8.0	13.0	ESE	0.0
6/14/2024 15:55	65.0	8.0	14.0	E	0.0
6/14/2024 16:00	65.0	9.0	16.0	ENE	0.0
6/14/2024 16:05	65.0	10.0	15.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/14/2024 16:10	64.0	9.0	14.0	E	0.0
6/14/2024 16:15	64.0	9.0	16.0	E	0.0
6/14/2024 16:20	64.0	9.0	15.0	NE	0.0
6/14/2024 16:25	64.0	8.0	15.0	E	0.0
6/14/2024 16:30	64.0	7.0	12.0	ENE	0.0
6/14/2024 16:35	65.0	6.0	11.0	E	0.0
6/14/2024 16:40	65.0	7.0	15.0	ESE	0.0
6/14/2024 16:45	65.0	10.0	15.0	ESE	0.0
6/14/2024 16:50	64.0	10.0	16.0	E	0.0
6/14/2024 16:55	64.0	8.0	14.0	E	0.0
6/14/2024 17:00	64.0	7.0	13.0	E	0.0
6/14/2024 17:05	65.0	9.0	15.0	ESE	0.0
6/14/2024 17:10	65.0	8.0	15.0	E	0.0
6/14/2024 17:15	65.0	9.0	16.0	E	0.0
6/14/2024 17:20	65.0	8.0	14.0	E	0.0
6/14/2024 17:25	64.0	7.0	13.0	ENE	0.0
6/14/2024 17:30	64.0	6.0	12.0	ENE	0.0
6/14/2024 17:35	65.0	8.0	14.0	E	0.0
6/14/2024 17:40	65.0	8.0	12.0	E	0.0
6/14/2024 17:45	65.0	6.0	11.0	E	0.0
6/14/2024 17:50	65.0	5.0	11.0	NE	0.0
6/14/2024 17:55	65.0	8.0	14.0	ENE	0.0
6/14/2024 18:00	64.0	9.0	16.0	ENE	0.0
6/18/2024 6:00	56.0	1.0	2.0	SW	0.0
6/18/2024 6:05	56.0	1.0	3.0	WSW	0.0
6/18/2024 6:10	56.0	1.0	2.0	WSW	0.0
6/18/2024 6:15	57.0	1.0	2.0	WSW	0.0
6/18/2024 6:20	57.0	2.0	2.0	WSW	0.0
6/18/2024 6:25	57.0	2.0	3.0	WSW	0.0
6/18/2024 6:30	57.0	1.0	3.0	WSW	0.0
6/18/2024 6:35	58.0	2.0	3.0	W	0.0
6/18/2024 6:40	58.0	1.0	3.0	W	0.0
6/18/2024 6:45	59.0	1.0	4.0	WSW	0.0
6/18/2024 6:50	59.0	1.0	3.0	WSW	0.0
6/18/2024 6:55	60.0	0.0	0.0		0.0
6/18/2024 7:00	60.0	1.0	3.0	WSW	0.0
6/18/2024 7:05	60.0	1.0	4.0	NW	0.0
6/18/2024 7:10	61.0	1.0	3.0	NW	0.0
6/18/2024 7:15	61.0	3.0	4.0	WNW	0.0
6/18/2024 7:20	62.0	2.0	4.0	WNW	0.0
6/18/2024 7:25	62.0	2.0	4.0	WNW	0.0
6/18/2024 7:30	63.0	1.0	3.0	NW	0.0
6/18/2024 7:35	63.0	2.0	4.0	NNE	0.0
6/18/2024 7:40	64.0	1.0	3.0	WNW	0.0
6/18/2024 7:45	64.0	0.0	1.0	NW	0.0
6/18/2024 7:50	65.0	1.0	2.0	N	0.0
6/18/2024 7:55	65.0	1.0	2.0	NNE	0.0
6/18/2024 8:00	65.0	1.0	4.0	NNE	0.0
6/18/2024 8:05	65.0	1.0	2.0	NNE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/18/2024 8:10	65.0	1.0	2.0	NNE	0.0
6/18/2024 8:15	66.0	1.0	3.0	ENE	0.0
6/18/2024 8:20	65.0	1.0	3.0	E	0.0
6/18/2024 8:25	65.0	0.0	1.0	ESE	0.0
6/18/2024 8:30	66.0	1.0	3.0	ESE	0.0
6/18/2024 8:35	66.0	1.0	3.0	ESE	0.0
6/18/2024 8:40	66.0	1.0	3.0	E	0.0
6/18/2024 8:45	66.0	1.0	3.0	E	0.0
6/18/2024 8:50	66.0	1.0	3.0	ESE	0.0
6/18/2024 8:55	66.0	1.0	3.0	NE	0.0
6/18/2024 9:00	66.0	0.0	2.0	E	0.0
6/18/2024 9:05	67.0	0.0	2.0	SSE	0.0
6/18/2024 9:10	68.0	1.0	3.0	S	0.0
6/18/2024 9:15	68.0	1.0	3.0	NNE	0.0
6/18/2024 9:20	69.0	1.0	3.0	E	0.0
6/18/2024 9:25	69.0	2.0	4.0	ENE	0.0
6/18/2024 9:30	69.0	2.0	4.0	ENE	0.0
6/18/2024 9:35	69.0	1.0	3.0	N	0.0
6/18/2024 9:40	70.0	2.0	4.0	ENE	0.0
6/18/2024 9:45	70.0	2.0	5.0	ENE	0.0
6/18/2024 9:50	69.0	2.0	4.0	E	0.0
6/18/2024 9:55	69.0	3.0	6.0	E	0.0
6/18/2024 10:00	69.0	3.0	6.0	E	0.0
6/18/2024 10:05	69.0	2.0	6.0	E	0.0
6/18/2024 10:10	69.0	4.0	8.0	ENE	0.0
6/18/2024 10:15	69.0	4.0	7.0	E	0.0
6/18/2024 10:20	69.0	4.0	7.0	ESE	0.0
6/18/2024 10:25	69.0	5.0	9.0	ESE	0.0
6/18/2024 10:30	68.0	6.0	9.0	E	0.0
6/18/2024 10:35	68.0	6.0	10.0	ESE	0.0
6/18/2024 10:40	67.0	5.0	9.0	E	0.0
6/18/2024 10:45	67.0	5.0	8.0	E	0.0
6/18/2024 10:50	67.0	4.0	6.0	E	0.0
6/18/2024 10:55	68.0	4.0	7.0	E	0.0
6/18/2024 11:00	68.0	3.0	4.0	E	0.0
6/18/2024 11:05	69.0	3.0	6.0	E	0.0
6/18/2024 11:10	70.0	4.0	7.0	ENE	0.0
6/18/2024 11:15	70.0	4.0	7.0	E	0.0
6/18/2024 11:20	70.0	4.0	7.0	E	0.0
6/18/2024 11:25	70.0	4.0	7.0	ENE	0.0
6/18/2024 11:30	70.0	4.0	7.0	ESE	0.0
6/18/2024 11:35	70.0	3.0	6.0	E	0.0
6/18/2024 11:40	71.0	3.0	7.0	SE	0.0
6/18/2024 11:45	71.0	3.0	6.0	E	0.0
6/18/2024 11:50	72.0	2.0	6.0	ESE	0.0
6/18/2024 11:55	73.0	3.0	5.0	ESE	0.0
6/18/2024 12:00	73.0	3.0	4.0	SE	0.0
6/18/2024 12:05	73.0	4.0	8.0	ESE	0.0
6/18/2024 12:10	74.0	5.0	8.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/18/2024 12:15	73.0	6.0	9.0	E	0.0
6/18/2024 12:20	73.0	5.0	10.0	E	0.0
6/18/2024 12:25	73.0	6.0	10.0	E	0.0
6/18/2024 12:30	72.0	7.0	10.0	E	0.0
6/18/2024 12:35	72.0	7.0	10.0	E	0.0
6/18/2024 12:40	72.0	7.0	11.0	E	0.0
6/18/2024 12:45	72.0	8.0	11.0	SE	0.0
6/18/2024 12:50	72.0	7.0	11.0	ESE	0.0
6/18/2024 12:55	72.0	8.0	13.0	E	0.0
6/18/2024 13:00	71.0	7.0	13.0	E	0.0
6/18/2024 13:05	71.0	6.0	10.0	ENE	0.0
6/18/2024 13:10	72.0	7.0	11.0	ESE	0.0
6/18/2024 13:15	72.0	5.0	11.0	E	0.0
6/18/2024 13:20	72.0	7.0	11.0	E	0.0
6/18/2024 13:25	72.0	7.0	11.0	ESE	0.0
6/18/2024 13:30	71.0	8.0	12.0	E	0.0
6/18/2024 13:35	71.0	8.0	12.0	E	0.0
6/18/2024 13:40	71.0	7.0	13.0	E	0.0
6/18/2024 13:45	71.0	7.0	13.0	E	0.0
6/18/2024 13:50	71.0	8.0	12.0	E	0.0
6/18/2024 13:55	71.0	9.0	16.0	E	0.0
6/18/2024 14:00	71.0	7.0	12.0	ESE	0.0
6/18/2024 14:05	72.0	9.0	15.0	E	0.0
6/18/2024 14:10	71.0	10.0	15.0	E	0.0
6/18/2024 14:15	71.0	10.0	17.0	ENE	0.0
6/18/2024 14:20	70.0	11.0	19.0	SE	0.0
6/18/2024 14:25	69.0	11.0	17.0	E	0.0
6/18/2024 14:30	69.0	9.0	15.0	E	0.0
6/18/2024 14:35	69.0	9.0	13.0	ENE	0.0
6/18/2024 14:40	69.0	8.0	14.0	E	0.0
6/18/2024 14:45	69.0	10.0	16.0	ESE	0.0
6/18/2024 14:50	69.0	11.0	16.0	ESE	0.0
6/18/2024 14:55	69.0	10.0	16.0	E	0.0
6/18/2024 15:00	68.0	13.0	20.0	E	0.0
6/18/2024 15:05	67.0	14.0	20.0	E	0.0
6/18/2024 15:10	67.0	12.0	18.0	ESE	0.0
6/18/2024 15:15	67.0	14.0	24.0	E	0.0
6/18/2024 15:20	66.0	14.0	20.0	E	0.0
6/18/2024 15:25	66.0	15.0	24.0	E	0.0
6/18/2024 15:30	65.0	13.0	23.0	ESE	0.0
6/18/2024 15:35	65.0	14.0	23.0	E	0.0
6/18/2024 15:40	65.0	15.0	24.0	ESE	0.0
6/18/2024 15:45	64.0	14.0	24.0	E	0.0
6/18/2024 15:50	64.0	12.0	19.0	ENE	0.0
6/18/2024 15:55	64.0	12.0	17.0	SE	0.0
6/18/2024 16:00	64.0	12.0	20.0	E	0.0
6/18/2024 16:05	64.0	11.0	17.0	E	0.0
6/18/2024 16:10	64.0	11.0	16.0	ESE	0.0
6/18/2024 16:15	64.0	11.0	16.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/18/2024 16:20	64.0	8.0	13.0	E	0.0
6/18/2024 16:25	65.0	7.0	13.0	E	0.0
6/18/2024 16:30	65.0	8.0	13.0	ESE	0.0
6/18/2024 16:35	65.0	8.0	17.0	E	0.0
6/18/2024 16:40	65.0	10.0	17.0	E	0.0
6/18/2024 16:45	65.0	11.0	17.0	ENE	0.0
6/18/2024 16:50	65.0	11.0	19.0	ENE	0.0
6/18/2024 16:55	65.0	12.0	23.0	E	0.0
6/18/2024 17:00	65.0	12.0	20.0	E	0.0
6/18/2024 17:05	65.0	10.0	19.0	ENE	0.0
6/18/2024 17:10	64.0	13.0	22.0	E	0.0
6/18/2024 17:15	64.0	12.0	22.0	E	0.0
6/18/2024 17:20	64.0	10.0	16.0	E	0.0
6/18/2024 17:25	64.0	10.0	17.0	E	0.0
6/18/2024 17:30	64.0	11.0	17.0	E	0.0
6/18/2024 17:35	64.0	9.0	17.0	E	0.0
6/18/2024 17:40	64.0	10.0	16.0	E	0.0
6/18/2024 17:45	64.0	9.0	15.0	E	0.0
6/18/2024 17:50	64.0	7.0	12.0	ESE	0.0
6/18/2024 17:55	64.0	7.0	13.0	ENE	0.0
6/18/2024 18:00	64.0	7.0	11.0	E	0.0
6/21/2024 6:00	54.0	2.0	3.0	ESE	0.0
6/21/2024 6:05	54.0	2.0	5.0	NNE	0.0
6/21/2024 6:10	54.0	2.0	6.0	E	0.0
6/21/2024 6:15	54.0	3.0	5.0	NNE	0.0
6/21/2024 6:20	54.0	3.0	5.0	NE	0.0
6/21/2024 6:25	54.0	2.0	4.0	ENE	0.0
6/21/2024 6:30	54.0	2.0	5.0	NE	0.0
6/21/2024 6:35	54.0	2.0	5.0	N	0.0
6/21/2024 6:40	54.0	3.0	5.0	N	0.0
6/21/2024 6:45	54.0	3.0	6.0	ENE	0.0
6/21/2024 6:50	54.0	2.0	5.0	NNE	0.0
6/21/2024 6:55	54.0	2.0	5.0	NNE	0.0
6/21/2024 7:00	54.0	2.0	6.0	N	0.0
6/21/2024 7:05	54.0	2.0	5.0	ENE	0.0
6/21/2024 7:10	55.0	3.0	4.0	NE	0.0
6/21/2024 7:15	55.0	3.0	6.0	NNE	0.0
6/21/2024 7:20	55.0	2.0	5.0	N	0.0
6/21/2024 7:25	55.0	0.0	1.0	NNE	0.0
6/21/2024 7:30	55.0	1.0	2.0	NNE	0.0
6/21/2024 7:35	55.0	2.0	4.0	ENE	0.0
6/21/2024 7:40	55.0	2.0	5.0	ENE	0.0
6/21/2024 7:45	55.0	1.0	3.0	N	0.0
6/21/2024 7:50	55.0	1.0	3.0	NW	0.0
6/21/2024 7:55	55.0	1.0	3.0	WNW	0.0
6/21/2024 8:00	56.0	0.0	2.0	NNE	0.0
6/21/2024 8:05	56.0	1.0	5.0	N	0.0
6/21/2024 8:10	56.0	1.0	5.0	NNW	0.0
6/21/2024 8:15	56.0	1.0	3.0	ENE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/21/2024 8:20	56.0	1.0	3.0	ENE	0.0
6/21/2024 8:25	57.0	0.0	0.0		0.0
6/21/2024 8:30	57.0	0.0	3.0	ENE	0.0
6/21/2024 8:35	57.0	2.0	5.0	NE	0.0
6/21/2024 8:40	57.0	3.0	6.0	E	0.0
6/21/2024 8:45	57.0	1.0	3.0	ENE	0.0
6/21/2024 8:50	58.0	1.0	4.0	NNE	0.0
6/21/2024 8:55	58.0	1.0	4.0	WNW	0.0
6/21/2024 9:00	59.0	2.0	5.0	NNW	0.0
6/21/2024 9:05	60.0	1.0	5.0	NNW	0.0
6/21/2024 9:10	60.0	2.0	4.0	NNE	0.0
6/21/2024 9:15	61.0	1.0	3.0	ENE	0.0
6/21/2024 9:20	61.0	2.0	5.0	NNE	0.0
6/21/2024 9:25	61.0	3.0	7.0	NE	0.0
6/21/2024 9:30	60.0	2.0	4.0	NE	0.0
6/21/2024 9:35	60.0	1.0	4.0	ENE	0.0
6/21/2024 9:40	60.0	3.0	7.0	E	0.0
6/21/2024 9:45	60.0	4.0	7.0	E	0.0
6/21/2024 9:50	59.0	4.0	8.0	E	0.0
6/21/2024 9:55	59.0	5.0	8.0	E	0.0
6/21/2024 10:00	59.0	4.0	7.0	E	0.0
6/21/2024 10:05	59.0	4.0	8.0	ESE	0.0
6/21/2024 10:10	59.0	5.0	8.0	E	0.0
6/21/2024 10:15	58.0	3.0	10.0	E	0.0
6/21/2024 10:20	59.0	4.0	8.0	E	0.0
6/21/2024 10:25	59.0	3.0	8.0	E	0.0
6/21/2024 10:30	59.0	4.0	8.0	E	0.0
6/21/2024 10:35	59.0	4.0	10.0	ENE	0.0
6/21/2024 10:40	60.0	3.0	7.0	ENE	0.0
6/21/2024 10:45	60.0	4.0	8.0	S	0.0
6/21/2024 10:50	60.0	4.0	8.0	SE	0.0
6/21/2024 10:55	60.0	4.0	8.0	ESE	0.0
6/21/2024 11:00	60.0	4.0	8.0	E	0.0
6/21/2024 11:05	60.0	3.0	6.0	E	0.0
6/21/2024 11:10	61.0	3.0	6.0	NE	0.0
6/21/2024 11:15	61.0	4.0	8.0	S	0.0
6/21/2024 11:20	61.0	3.0	6.0	E	0.0
6/21/2024 11:25	62.0	4.0	8.0	ESE	0.0
6/21/2024 11:30	62.0	4.0	7.0	ESE	0.0
6/21/2024 11:35	62.0	4.0	9.0	E	0.0
6/21/2024 11:40	62.0	4.0	8.0	SE	0.0
6/21/2024 11:45	63.0	3.0	7.0	N	0.0
6/21/2024 11:50	63.0	3.0	7.0	NE	0.0
6/21/2024 11:55	64.0	3.0	7.0	ENE	0.0
6/21/2024 12:00	64.0	4.0	8.0	SE	0.0
6/21/2024 12:05	64.0	4.0	7.0	SE	0.0
6/21/2024 12:10	64.0	4.0	8.0	E	0.0
6/21/2024 12:15	64.0	3.0	8.0	ENE	0.0
6/21/2024 12:20	65.0	4.0	7.0	NNE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/21/2024 12:25	65.0	3.0	7.0	N	0.0
6/21/2024 12:30	66.0	3.0	7.0	NNE	0.0
6/21/2024 12:35	66.0	3.0	7.0	NE	0.0
6/21/2024 12:40	66.0	2.0	6.0	N	0.0
6/21/2024 12:45	67.0	3.0	7.0	ENE	0.0
6/21/2024 12:50	68.0	3.0	6.0	N	0.0
6/21/2024 12:55	68.0	3.0	7.0	ESE	0.0
6/21/2024 13:00	67.0	5.0	8.0	ESE	0.0
6/21/2024 13:05	66.0	5.0	9.0	ENE	0.0
6/21/2024 13:10	66.0	5.0	9.0	S	0.0
6/21/2024 13:15	65.0	6.0	9.0	S	0.0
6/21/2024 13:20	65.0	6.0	10.0	E	0.0
6/21/2024 13:25	65.0	7.0	13.0	E	0.0
6/21/2024 13:30	65.0	8.0	13.0	E	0.0
6/21/2024 13:35	65.0	7.0	14.0	E	0.0
6/21/2024 13:40	66.0	8.0	14.0	ESE	0.0
6/21/2024 13:45	66.0	8.0	13.0	E	0.0
6/21/2024 13:50	66.0	6.0	12.0	E	0.0
6/21/2024 13:55	66.0	8.0	14.0	E	0.0
6/21/2024 14:00	67.0	8.0	14.0	E	0.0
6/21/2024 14:05	67.0	9.0	14.0	S	0.0
6/21/2024 14:10	66.0	9.0	15.0	E	0.0
6/21/2024 14:15	66.0	10.0	16.0	S	0.0
6/21/2024 14:20	65.0	10.0	15.0	E	0.0
6/21/2024 14:25	65.0	10.0	15.0	SE	0.0
6/21/2024 14:30	65.0	8.0	13.0	SE	0.0
6/21/2024 14:35	66.0	8.0	12.0	ESE	0.0
6/21/2024 14:40	66.0	9.0	17.0	E	0.0
6/21/2024 14:45	66.0	10.0	17.0	ESE	0.0
6/21/2024 14:50	66.0	7.0	12.0	E	0.0
6/21/2024 14:55	66.0	8.0	13.0	E	0.0
6/21/2024 15:00	66.0	6.0	12.0	ESE	0.0
6/21/2024 15:05	66.0	9.0	14.0	ENE	0.0
6/21/2024 15:10	66.0	9.0	14.0	E	0.0
6/21/2024 15:15	66.0	9.0	15.0	ENE	0.0
6/21/2024 15:20	66.0	9.0	16.0	E	0.0
6/21/2024 15:25	66.0	9.0	14.0	E	0.0
6/21/2024 15:30	66.0	8.0	13.0	ESE	0.0
6/21/2024 15:35	67.0	9.0	13.0	E	0.0
6/21/2024 15:40	67.0	8.0	12.0	E	0.0
6/21/2024 15:45	67.0	8.0	14.0	S	0.0
6/21/2024 15:50	67.0	5.0	10.0	ESE	0.0
6/21/2024 15:55	68.0	7.0	11.0	E	0.0
6/21/2024 16:00	68.0	7.0	12.0	S	0.0
6/21/2024 16:05	68.0	7.0	13.0	E	0.0
6/21/2024 16:10	68.0	7.0	12.0	E	0.0
6/21/2024 16:15	67.0	6.0	13.0	ESE	0.0
6/21/2024 16:20	68.0	7.0	13.0	SE	0.0
6/21/2024 16:25	67.0	9.0	13.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/21/2024 16:30	67.0	7.0	12.0	ESE	0.0
6/21/2024 16:35	67.0	9.0	15.0	E	0.0
6/21/2024 16:40	67.0	8.0	15.0	E	0.0
6/21/2024 16:45	67.0	9.0	15.0	E	0.0
6/21/2024 16:50	66.0	10.0	16.0	E	0.0
6/21/2024 16:55	66.0	9.0	14.0	ESE	0.0
6/21/2024 17:00	65.0	9.0	16.0	SSE	0.0
6/21/2024 17:05	65.0	10.0	15.0	E	0.0
6/21/2024 17:10	64.0	10.0	16.0	E	0.0
6/21/2024 17:15	64.0	10.0	15.0	ESE	0.0
6/21/2024 17:20	64.0	9.0	14.0	SE	0.0
6/21/2024 17:25	64.0	9.0	15.0	ENE	0.0
6/21/2024 17:30	64.0	8.0	12.0	ESE	0.0
6/21/2024 17:35	64.0	8.0	13.0	SE	0.0
6/21/2024 17:40	64.0	8.0	13.0	SE	0.0
6/21/2024 17:45	64.0	9.0	18.0	E	0.0
6/21/2024 17:50	63.0	10.0	16.0	E	0.0
6/21/2024 17:55	62.0	9.0	16.0	E	0.0
6/21/2024 18:00	62.0	7.0	13.0	E	0.0
6/22/2024 6:00	54.0	1.0	3.0	S	0.0
6/22/2024 6:05	54.0	1.0	5.0	S	0.0
6/22/2024 6:10	54.0	0.0	2.0	S	0.0
6/22/2024 6:15	54.0	1.0	3.0	SSW	0.0
6/22/2024 6:20	54.0	1.0	3.0	SSW	0.0
6/22/2024 6:25	54.0	0.0	3.0	SSW	0.0
6/22/2024 6:30	54.0	0.0	2.0	SSE	0.0
6/22/2024 6:35	54.0	0.0	2.0	SSW	0.0
6/22/2024 6:40	55.0	0.0	1.0	SW	0.0
6/22/2024 6:45	55.0	0.0	2.0	WSW	0.0
6/22/2024 6:50	55.0	0.0	0.0		0.0
6/22/2024 6:55	55.0	0.0	0.0		0.0
6/22/2024 7:00	55.0	0.0	2.0	S	0.0
6/22/2024 7:05	55.0	0.0	1.0	S	0.0
6/22/2024 7:10	56.0	0.0	2.0	SE	0.0
6/22/2024 7:15	56.0	0.0	1.0	SE	0.0
6/22/2024 7:20	56.0	0.0	0.0		0.0
6/22/2024 7:25	56.0	0.0	0.0		0.0
6/22/2024 7:30	56.0	0.0	0.0		0.0
6/22/2024 7:35	56.0	0.0	0.0		0.0
6/22/2024 7:40	56.0	0.0	0.0		0.0
6/22/2024 7:45	57.0	0.0	0.0		0.0
6/22/2024 7:50	57.0	0.0	0.0		0.0
6/22/2024 7:55	57.0	0.0	0.0		0.0
6/22/2024 8:00	58.0	0.0	0.0		0.0
6/22/2024 8:05	58.0	1.0	3.0	ENE	0.0
6/22/2024 8:10	58.0	0.0	0.0		0.0
6/22/2024 8:15	58.0	0.0	0.0		0.0
6/22/2024 8:20	59.0	0.0	2.0	E	0.0
6/22/2024 8:25	59.0	1.0	4.0	NNE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/22/2024 8:30	59.0	1.0	3.0	NNE	0.0
6/22/2024 8:35	60.0	1.0	3.0	E	0.0
6/22/2024 8:40	60.0	2.0	4.0	ENE	0.0
6/22/2024 8:45	60.0	2.0	4.0	ENE	0.0
6/22/2024 8:50	60.0	2.0	5.0	NE	0.0
6/22/2024 8:55	60.0	2.0	5.0	ENE	0.0
6/22/2024 9:00	60.0	2.0	6.0	E	0.0
6/22/2024 9:05	60.0	2.0	4.0	ENE	0.0
6/22/2024 9:10	60.0	2.0	3.0	NE	0.0
6/22/2024 9:15	61.0	2.0	4.0	ENE	0.0
6/22/2024 9:20	61.0	2.0	5.0	SSE	0.0
6/22/2024 9:25	61.0	3.0	7.0	E	0.0
6/22/2024 9:30	61.0	2.0	5.0	ENE	0.0
6/22/2024 9:35	61.0	3.0	5.0	ENE	0.0
6/22/2024 9:40	61.0	2.0	4.0	E	0.0
6/22/2024 9:45	61.0	2.0	6.0	E	0.0
6/22/2024 9:50	62.0	1.0	4.0	NNE	0.0
6/22/2024 9:55	62.0	2.0	4.0	E	0.0
6/22/2024 10:00	63.0	2.0	4.0	SE	0.0
6/22/2024 10:05	63.0	4.0	7.0	E	0.0
6/22/2024 10:10	63.0	4.0	7.0	E	0.0
6/22/2024 10:15	63.0	4.0	8.0	E	0.0
6/22/2024 10:20	63.0	5.0	8.0	ENE	0.0
6/22/2024 10:25	63.0	4.0	8.0	SE	0.0
6/22/2024 10:30	63.0	4.0	8.0	ESE	0.0
6/22/2024 10:35	63.0	4.0	8.0	E	0.0
6/22/2024 10:40	63.0	5.0	8.0	E	0.0
6/22/2024 10:45	63.0	5.0	9.0	ESE	0.0
6/22/2024 10:50	62.0	5.0	9.0	E	0.0
6/22/2024 10:55	63.0	6.0	10.0	E	0.0
6/22/2024 11:00	63.0	5.0	10.0	ESE	0.0
6/22/2024 11:05	63.0	5.0	10.0	E	0.0
6/22/2024 11:10	63.0	6.0	11.0	E	0.0
6/22/2024 11:15	63.0	6.0	11.0	E	0.0
6/22/2024 11:20	63.0	5.0	10.0	E	0.0
6/22/2024 11:25	64.0	5.0	10.0	E	0.0
6/22/2024 11:30	64.0	5.0	10.0	E	0.0
6/22/2024 11:35	65.0	5.0	9.0	ESE	0.0
6/22/2024 11:40	65.0	4.0	9.0	E	0.0
6/22/2024 11:45	66.0	5.0	10.0	E	0.0
6/22/2024 11:50	66.0	5.0	10.0	ENE	0.0
6/22/2024 11:55	67.0	5.0	9.0	E	0.0
6/22/2024 12:00	68.0	5.0	9.0	E	0.0
6/22/2024 12:05	68.0	6.0	9.0	E	0.0
6/22/2024 12:10	68.0	4.0	9.0	E	0.0
6/22/2024 12:15	68.0	6.0	10.0	E	0.0
6/22/2024 12:20	68.0	6.0	9.0	E	0.0
6/22/2024 12:25	68.0	6.0	10.0	ESE	0.0
6/22/2024 12:30	68.0	6.0	10.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/22/2024 12:35	68.0	6.0	11.0	E	0.0
6/22/2024 12:40	68.0	6.0	10.0	E	0.0
6/22/2024 12:45	68.0	6.0	10.0	ENE	0.0
6/22/2024 12:50	69.0	6.0	10.0	S	0.0
6/22/2024 12:55	69.0	7.0	10.0	E	0.0
6/22/2024 13:00	69.0	6.0	9.0	ESE	0.0
6/22/2024 13:05	70.0	7.0	11.0	E	0.0
6/22/2024 13:10	70.0	6.0	11.0	ESE	0.0
6/22/2024 13:15	70.0	7.0	10.0	E	0.0
6/22/2024 13:20	71.0	7.0	11.0	E	0.0
6/22/2024 13:25	71.0	7.0	11.0	E	0.0
6/22/2024 13:30	71.0	7.0	13.0	S	0.0
6/22/2024 13:35	71.0	7.0	13.0	E	0.0
6/22/2024 13:40	71.0	7.0	13.0	ESE	0.0
6/22/2024 13:45	72.0	7.0	10.0	E	0.0
6/22/2024 13:50	72.0	6.0	12.0	ESE	0.0
6/22/2024 13:55	73.0	7.0	12.0	ESE	0.0
6/22/2024 14:00	73.0	7.0	10.0	E	0.0
6/22/2024 14:05	74.0	7.0	11.0	NE	0.0
6/22/2024 14:10	74.0	8.0	12.0	E	0.0
6/22/2024 14:15	74.0	7.0	12.0	E	0.0
6/22/2024 14:20	74.0	9.0	14.0	E	0.0
6/22/2024 14:25	73.0	9.0	14.0	ENE	0.0
6/22/2024 14:30	72.0	9.0	14.0	ESE	0.0
6/22/2024 14:35	73.0	9.0	12.0	E	0.0
6/22/2024 14:40	73.0	7.0	11.0	E	0.0
6/22/2024 14:45	74.0	9.0	14.0	E	0.0
6/22/2024 14:50	74.0	8.0	14.0	E	0.0
6/22/2024 14:55	74.0	7.0	12.0	ESE	0.0
6/22/2024 15:00	74.0	8.0	12.0	ESE	0.0
6/22/2024 15:05	74.0	8.0	13.0	SE	0.0
6/22/2024 15:10	74.0	8.0	13.0	E	0.0
6/22/2024 15:15	74.0	9.0	14.0	E	0.0
6/22/2024 15:20	74.0	9.0	13.0	ESE	0.0
6/22/2024 15:25	73.0	9.0	14.0	E	0.0
6/22/2024 15:30	73.0	8.0	14.0	E	0.0
6/22/2024 15:35	74.0	7.0	13.0	E	0.0
6/22/2024 15:40	75.0	8.0	12.0	E	0.0
6/22/2024 15:45	75.0	8.0	14.0	E	0.0
6/22/2024 15:50	75.0	8.0	13.0	ESE	0.0
6/22/2024 15:55	75.0	7.0	12.0	E	0.0
6/22/2024 16:00	75.0	8.0	13.0	E	0.0
6/22/2024 16:05	75.0	6.0	12.0	E	0.0
6/22/2024 16:10	75.0	7.0	13.0	ESE	0.0
6/22/2024 16:15	75.0	8.0	13.0	ESE	0.0
6/22/2024 16:20	74.0	7.0	16.0	SE	0.0
6/22/2024 16:25	74.0	8.0	14.0	E	0.0
6/22/2024 16:30	75.0	7.0	12.0	ESE	0.0
6/22/2024 16:35	75.0	8.0	12.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/22/2024 16:40	74.0	9.0	14.0	ESE	0.0
6/22/2024 16:45	74.0	8.0	12.0	E	0.0
6/22/2024 16:50	74.0	6.0	11.0	E	0.0
6/22/2024 16:55	75.0	7.0	11.0	ESE	0.0
6/22/2024 17:00	75.0	7.0	10.0	ESE	0.0
6/22/2024 17:05	75.0	7.0	12.0	E	0.0
6/22/2024 17:10	74.0	8.0	12.0	ESE	0.0
6/22/2024 17:15	74.0	8.0	12.0	E	0.0
6/22/2024 17:20	74.0	8.0	13.0	ESE	0.0
6/22/2024 17:25	74.0	8.0	12.0	E	0.0
6/22/2024 17:30	73.0	8.0	13.0	S	0.0
6/22/2024 17:35	73.0	9.0	14.0	SE	0.0
6/22/2024 17:40	73.0	8.0	13.0	E	0.0
6/22/2024 17:45	73.0	7.0	13.0	SE	0.0
6/22/2024 17:50	73.0	8.0	11.0	SE	0.0
6/22/2024 17:55	72.0	6.0	10.0	ESE	0.0
6/22/2024 18:00	73.0	7.0	11.0	SE	0.0
6/24/2024 6:00	55.0	0.0	0.0		0.0
6/24/2024 6:05	55.0	0.0	0.0		0.0
6/24/2024 6:10	56.0	2.0	3.0	S	0.0
6/24/2024 6:15	56.0	1.0	4.0	SSE	0.0
6/24/2024 6:20	56.0	2.0	3.0	SSE	0.0
6/24/2024 6:25	56.0	2.0	3.0	SSW	0.0
6/24/2024 6:30	56.0	0.0	2.0	SSW	0.0
6/24/2024 6:35	57.0	0.0	2.0	SW	0.0
6/24/2024 6:40	57.0	0.0	3.0	SW	0.0
6/24/2024 6:45	57.0	0.0	3.0	ESE	0.0
6/24/2024 6:50	57.0	1.0	3.0	ESE	0.0
6/24/2024 6:55	58.0	1.0	2.0	SE	0.0
6/24/2024 7:00	58.0	2.0	3.0	SE	0.0
6/24/2024 7:05	58.0	1.0	3.0	SE	0.0
6/24/2024 7:10	58.0	2.0	3.0	ESE	0.0
6/24/2024 7:15	58.0	1.0	3.0	ESE	0.0
6/24/2024 7:20	58.0	1.0	3.0	ESE	0.0
6/24/2024 7:25	59.0	1.0	3.0	S	0.0
6/24/2024 7:30	59.0	1.0	4.0	SSE	0.0
6/24/2024 7:35	60.0	1.0	3.0	E	0.0
6/24/2024 7:40	60.0	2.0	3.0	S	0.0
6/24/2024 7:45	60.0	1.0	3.0	ESE	0.0
6/24/2024 7:50	60.0	2.0	3.0	E	0.0
6/24/2024 7:55	60.0	1.0	3.0	SE	0.0
6/24/2024 8:00	61.0	1.0	3.0	E	0.0
6/24/2024 8:05	61.0	1.0	4.0	S	0.0
6/24/2024 8:10	62.0	1.0	3.0	SSW	0.0
6/24/2024 8:15	62.0	2.0	4.0	ENE	0.0
6/24/2024 8:20	62.0	1.0	4.0	ESE	0.0
6/24/2024 8:25	62.0	1.0	4.0	E	0.0
6/24/2024 8:30	62.0	2.0	4.0	E	0.0
6/24/2024 8:35	62.0	3.0	6.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/24/2024 8:40	62.0	3.0	7.0	ENE	0.0
6/24/2024 8:45	62.0	3.0	7.0	E	0.0
6/24/2024 8:50	63.0	3.0	7.0	ESE	0.0
6/24/2024 8:55	63.0	3.0	6.0	E	0.0
6/24/2024 9:00	63.0	3.0	7.0	ESE	0.0
6/24/2024 9:05	63.0	4.0	7.0	E	0.0
6/24/2024 9:10	63.0	4.0	7.0	E	0.0
6/24/2024 9:15	63.0	5.0	9.0	E	0.0
6/24/2024 9:20	64.0	4.0	9.0	ESE	0.0
6/24/2024 9:25	64.0	3.0	8.0	ENE	0.0
6/24/2024 9:30	64.0	4.0	7.0	E	0.0
6/24/2024 9:35	65.0	5.0	9.0	E	0.0
6/24/2024 9:40	65.0	6.0	9.0	ESE	0.0
6/24/2024 9:45	64.0	5.0	9.0	ESE	0.0
6/24/2024 9:50	65.0	3.0	8.0	ENE	0.0
6/24/2024 9:55	65.0	4.0	9.0	E	0.0
6/24/2024 10:00	66.0	5.0	9.0	E	0.0
6/24/2024 10:05	66.0	5.0	9.0	E	0.0
6/24/2024 10:10	66.0	4.0	8.0	E	0.0
6/24/2024 10:15	66.0	3.0	7.0	ENE	0.0
6/24/2024 10:20	67.0	6.0	9.0	E	0.0
6/24/2024 10:25	66.0	5.0	9.0	E	0.0
6/24/2024 10:30	67.0	5.0	9.0	ENE	0.0
6/24/2024 10:35	67.0	5.0	8.0	E	0.0
6/24/2024 10:40	67.0	6.0	9.0	E	0.0
6/24/2024 10:45	67.0	5.0	10.0	ESE	0.0
6/24/2024 10:50	67.0	5.0	9.0	E	0.0
6/24/2024 10:55	68.0	5.0	9.0	E	0.0
6/24/2024 11:00	68.0	5.0	8.0	E	0.0
6/24/2024 11:05	68.0	4.0	8.0	ESE	0.0
6/24/2024 11:10	68.0	5.0	10.0	E	0.0
6/24/2024 11:15	68.0	5.0	9.0	E	0.0
6/24/2024 11:20	68.0	5.0	9.0	ESE	0.0
6/24/2024 11:25	69.0	5.0	9.0	E	0.0
6/24/2024 11:30	69.0	5.0	9.0	ENE	0.0
6/24/2024 11:35	70.0	6.0	10.0	ESE	0.0
6/24/2024 11:40	70.0	7.0	11.0	E	0.0
6/24/2024 11:45	70.0	5.0	10.0	E	0.0
6/24/2024 11:50	70.0	4.0	8.0	E	0.0
6/24/2024 11:55	71.0	6.0	12.0	E	0.0
6/24/2024 12:00	72.0	5.0	9.0	E	0.0
6/24/2024 12:05	72.0	6.0	12.0	E	0.0
6/24/2024 12:10	72.0	7.0	12.0	ENE	0.0
6/24/2024 12:15	72.0	6.0	12.0	SE	0.0
6/24/2024 12:20	72.0	8.0	12.0	ESE	0.0
6/24/2024 12:25	72.0	8.0	12.0	ESE	0.0
6/24/2024 12:30	72.0	7.0	13.0	ESE	0.0
6/24/2024 12:35	73.0	8.0	14.0	ESE	0.0
6/24/2024 12:40	73.0	9.0	15.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/24/2024 12:45	73.0	8.0	15.0	SE	0.0
6/24/2024 12:50	73.0	7.0	12.0	SE	0.0
6/24/2024 12:55	73.0	7.0	12.0	E	0.0
6/24/2024 13:00	73.0	8.0	12.0	ESE	0.0
6/24/2024 13:05	73.0	7.0	13.0	E	0.0
6/24/2024 13:10	73.0	10.0	15.0	ESE	0.0
6/24/2024 13:15	73.0	9.0	13.0	E	0.0
6/24/2024 13:20	73.0	9.0	15.0	E	0.0
6/24/2024 13:25	73.0	9.0	14.0	ESE	0.0
6/24/2024 13:30	73.0	10.0	14.0	ESE	0.0
6/24/2024 13:35	73.0	9.0	13.0	SE	0.0
6/24/2024 13:40	73.0	8.0	13.0	ESE	0.0
6/24/2024 13:45	74.0	8.0	12.0	ESE	0.0
6/24/2024 13:50	74.0	8.0	15.0	ENE	0.0
6/24/2024 13:55	75.0	6.0	9.0	SE	0.0
6/24/2024 14:00	75.0	6.0	9.0	E	0.0
6/24/2024 14:05	76.0	6.0	12.0	ESE	0.0
6/24/2024 14:10	76.0	6.0	11.0	E	0.0
6/24/2024 14:15	76.0	7.0	11.0	E	0.0
6/24/2024 14:20	76.0	7.0	11.0	E	0.0
6/24/2024 14:25	76.0	7.0	14.0	E	0.0
6/24/2024 14:30	76.0	8.0	13.0	E	0.0
6/24/2024 14:35	76.0	8.0	15.0	ESE	0.0
6/24/2024 14:40	76.0	8.0	15.0	ESE	0.0
6/24/2024 14:45	75.0	9.0	14.0	SE	0.0
6/24/2024 14:50	75.0	8.0	13.0	ESE	0.0
6/24/2024 14:55	75.0	8.0	13.0	ESE	0.0
6/24/2024 15:00	75.0	9.0	13.0	E	0.0
6/24/2024 15:05	75.0	9.0	14.0	ESE	0.0
6/24/2024 15:10	75.0	9.0	12.0	SE	0.0
6/24/2024 15:15	76.0	9.0	14.0	E	0.0
6/24/2024 15:20	76.0	9.0	13.0	E	0.0
6/24/2024 15:25	76.0	9.0	14.0	E	0.0
6/24/2024 15:30	76.0	7.0	12.0	SE	0.0
6/24/2024 15:35	75.0	10.0	16.0	E	0.0
6/24/2024 15:40	75.0	9.0	16.0	E	0.0
6/24/2024 15:45	75.0	8.0	13.0	E	0.0
6/24/2024 15:50	75.0	9.0	15.0	E	0.0
6/24/2024 15:55	75.0	8.0	11.0	ESE	0.0
6/24/2024 16:00	74.0	8.0	15.0	ENE	0.0
6/24/2024 16:05	74.0	9.0	14.0	E	0.0
6/24/2024 16:10	74.0	9.0	14.0	ESE	0.0
6/24/2024 16:15	74.0	8.0	15.0	E	0.0
6/24/2024 16:20	75.0	9.0	14.0	E	0.0
6/24/2024 16:25	75.0	10.0	15.0	E	0.0
6/24/2024 16:30	74.0	10.0	16.0	ESE	0.0
6/24/2024 16:35	74.0	10.0	16.0	E	0.0
6/24/2024 16:40	75.0	8.0	14.0	ESE	0.0
6/24/2024 16:45	75.0	7.0	13.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
6/24/2024 16:50	75.0	7.0	12.0	ESE	0.0
6/24/2024 16:55	75.0	8.0	13.0	ESE	0.0
6/24/2024 17:00	75.0	8.0	12.0	E	0.0
6/24/2024 17:05	75.0	6.0	11.0	SE	0.0
6/24/2024 17:10	75.0	7.0	11.0	E	0.0
6/24/2024 17:15	75.0	8.0	14.0	E	0.0
6/24/2024 17:20	75.0	8.0	12.0	ESE	0.0
6/24/2024 17:25	75.0	8.0	14.0	ESE	0.0
6/24/2024 17:30	75.0	8.0	12.0	ESE	0.0
6/24/2024 17:35	75.0	7.0	12.0	E	0.0
6/24/2024 17:40	75.0	6.0	11.0	ENE	0.0
6/24/2024 17:45	74.0	6.0	9.0	ESE	0.0
6/24/2024 17:50	74.0	6.0	9.0	ENE	0.0
6/24/2024 17:55	74.0	6.0	10.0	ESE	0.0
6/24/2024 18:00	74.0	8.0	12.0	SE	0.0
7/5/2024 6:00	60.0	0.0	1.0	ESE	0.0
7/5/2024 6:05	60.0	0.0	0.0		0.0
7/5/2024 6:10	60.0	0.0	0.0		0.0
7/5/2024 6:15	60.0	0.0	1.0	ESE	0.0
7/5/2024 6:20	60.0	0.0	1.0	SE	0.0
7/5/2024 6:25	60.0	0.0	2.0	ESE	0.0
7/5/2024 6:30	60.0	0.0	0.0		0.0
7/5/2024 6:35	60.0	0.0	0.0		0.0
7/5/2024 6:40	60.0	0.0	0.0		0.0
7/5/2024 6:45	61.0	0.0	0.0		0.0
7/5/2024 6:50	61.0	0.0	0.0		0.0
7/5/2024 6:55	62.0	0.0	0.0		0.0
7/5/2024 7:00	63.0	0.0	0.0		0.0
7/5/2024 7:05	63.0	0.0	0.0		0.0
7/5/2024 7:10	64.0	0.0	0.0		0.0
7/5/2024 7:15	64.0	0.0	0.0		0.0
7/5/2024 7:20	65.0	1.0	3.0	W	0.0
7/5/2024 7:25	65.0	1.0	2.0	WSW	0.0
7/5/2024 7:30	66.0	0.0	2.0	WSW	0.0
7/5/2024 7:35	66.0	1.0	2.0	WSW	0.0
7/5/2024 7:40	67.0	0.0	2.0	WNW	0.0
7/5/2024 7:45	67.0	0.0	0.0		0.0
7/5/2024 7:50	68.0	1.0	3.0	WNW	0.0
7/5/2024 7:55	68.0	1.0	3.0	W	0.0
7/5/2024 8:00	69.0	0.0	3.0	WSW	0.0
7/5/2024 8:05	69.0	1.0	2.0	WNW	0.0
7/5/2024 8:10	70.0	1.0	3.0	WNW	0.0
7/5/2024 8:15	70.0	0.0	2.0	WNW	0.0
7/5/2024 8:20	71.0	0.0	2.0	W	0.0
7/5/2024 8:25	72.0	1.0	2.0	WNW	0.0
7/5/2024 8:30	73.0	0.0	2.0	W	0.0
7/5/2024 8:35	74.0	0.0	2.0	W	0.0
7/5/2024 8:40	74.0	0.0	1.0	NNE	0.0
7/5/2024 8:45	75.0	0.0	2.0	SE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/5/2024 8:50	75.0	1.0	3.0	E	0.0
7/5/2024 8:55	74.0	2.0	3.0	E	0.0
7/5/2024 9:00	74.0	2.0	4.0	ESE	0.0
7/5/2024 9:05	73.0	3.0	4.0	ESE	0.0
7/5/2024 9:10	72.0	2.0	5.0	ESE	0.0
7/5/2024 9:15	72.0	3.0	6.0	E	0.0
7/5/2024 9:20	72.0	2.0	6.0	E	0.0
7/5/2024 9:25	72.0	2.0	4.0	ENE	0.0
7/5/2024 9:30	72.0	2.0	5.0	ENE	0.0
7/5/2024 9:35	72.0	3.0	6.0	NNE	0.0
7/5/2024 9:40	72.0	3.0	6.0	ESE	0.0
7/5/2024 9:45	72.0	2.0	6.0	E	0.0
7/5/2024 9:50	73.0	3.0	5.0	ENE	0.0
7/5/2024 9:55	73.0	2.0	4.0	ENE	0.0
7/5/2024 10:00	73.0	3.0	6.0	ESE	0.0
7/5/2024 10:05	74.0	3.0	7.0	E	0.0
7/5/2024 10:10	74.0	3.0	7.0	E	0.0
7/5/2024 10:15	74.0	3.0	7.0	E	0.0
7/5/2024 10:20	74.0	3.0	7.0	E	0.0
7/5/2024 10:25	74.0	3.0	7.0	E	0.0
7/5/2024 10:30	74.0	3.0	5.0	SE	0.0
7/5/2024 10:35	74.0	3.0	4.0	E	0.0
7/5/2024 10:40	74.0	2.0	4.0	E	0.0
7/5/2024 10:45	74.0	2.0	4.0	E	0.0
7/5/2024 10:50	75.0	3.0	7.0	E	0.0
7/5/2024 10:55	76.0	4.0	9.0	ENE	0.0
7/5/2024 11:00	76.0	5.0	8.0	ENE	0.0
7/5/2024 11:05	76.0	5.0	9.0	E	0.0
7/5/2024 11:10	76.0	6.0	10.0	E	0.0
7/5/2024 11:15	75.0	6.0	10.0	E	0.0
7/5/2024 11:20	75.0	5.0	10.0	E	0.0
7/5/2024 11:25	75.0	5.0	9.0	E	0.0
7/5/2024 11:30	76.0	5.0	9.0	ESE	0.0
7/5/2024 11:35	75.0	7.0	10.0	E	0.0
7/5/2024 11:40	75.0	5.0	11.0	E	0.0
7/5/2024 11:45	75.0	5.0	10.0	E	0.0
7/5/2024 11:50	76.0	4.0	8.0	E	0.0
7/5/2024 11:55	76.0	6.0	9.0	E	0.0
7/5/2024 12:00	76.0	5.0	9.0	E	0.0
7/5/2024 12:05	77.0	5.0	10.0	ESE	0.0
7/5/2024 12:10	77.0	4.0	8.0	ESE	0.0
7/5/2024 12:15	77.0	5.0	9.0	E	0.0
7/5/2024 12:20	77.0	4.0	8.0	ESE	0.0
7/5/2024 12:25	78.0	5.0	9.0	ENE	0.0
7/5/2024 12:30	78.0	5.0	9.0	ENE	0.0
7/5/2024 12:35	78.0	5.0	10.0	ENE	0.0
7/5/2024 12:40	78.0	6.0	11.0	E	0.0
7/5/2024 12:45	78.0	7.0	11.0	E	0.0
7/5/2024 12:50	77.0	8.0	11.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/5/2024 12:55	77.0	6.0	12.0	E	0.0
7/5/2024 13:00	77.0	6.0	12.0	E	0.0
7/5/2024 13:05	77.0	8.0	12.0	ESE	0.0
7/5/2024 13:10	77.0	6.0	12.0	E	0.0
7/5/2024 13:15	78.0	5.0	10.0	ESE	0.0
7/5/2024 13:20	79.0	5.0	11.0	E	0.0
7/5/2024 13:25	79.0	9.0	13.0	ESE	0.0
7/5/2024 13:30	78.0	6.0	11.0	E	0.0
7/5/2024 13:35	79.0	7.0	12.0	E	0.0
7/5/2024 13:40	79.0	7.0	13.0	E	0.0
7/5/2024 13:45	78.0	9.0	14.0	E	0.0
7/5/2024 13:50	78.0	8.0	13.0	ESE	0.0
7/5/2024 13:55	78.0	8.0	13.0	E	0.0
7/5/2024 14:00	78.0	10.0	14.0	E	0.0
7/5/2024 14:05	78.0	7.0	11.0	SE	0.0
7/5/2024 14:10	78.0	9.0	13.0	E	0.0
7/5/2024 14:15	78.0	8.0	16.0	E	0.0
7/5/2024 14:20	78.0	10.0	14.0	ESE	0.0
7/5/2024 14:25	77.0	9.0	13.0	ESE	0.0
7/5/2024 14:30	77.0	10.0	13.0	E	0.0
7/5/2024 14:35	77.0	8.0	13.0	ESE	0.0
7/5/2024 14:40	78.0	8.0	13.0	E	0.0
7/5/2024 14:45	78.0	9.0	14.0	ESE	0.0
7/5/2024 14:50	77.0	10.0	15.0	E	0.0
7/5/2024 14:55	77.0	8.0	13.0	ESE	0.0
7/5/2024 15:00	77.0	9.0	13.0	E	0.0
7/5/2024 15:05	77.0	9.0	14.0	E	0.0
7/5/2024 15:10	77.0	9.0	14.0	E	0.0
7/5/2024 15:15	77.0	9.0	13.0	E	0.0
7/5/2024 15:20	77.0	8.0	14.0	E	0.0
7/5/2024 15:25	77.0	8.0	13.0	E	0.0
7/5/2024 15:30	77.0	9.0	15.0	E	0.0
7/5/2024 15:35	77.0	8.0	13.0	ESE	0.0
7/5/2024 15:40	77.0	10.0	14.0	E	0.0
7/5/2024 15:45	76.0	8.0	13.0	E	0.0
7/5/2024 15:50	76.0	9.0	14.0	ESE	0.0
7/5/2024 15:55	76.0	9.0	14.0	E	0.0
7/5/2024 16:00	76.0	9.0	12.0	ESE	0.0
7/5/2024 16:05	75.0	8.0	12.0	ENE	0.0
7/5/2024 16:10	76.0	7.0	10.0	ESE	0.0
7/5/2024 16:15	76.0	8.0	13.0	E	0.0
7/5/2024 16:20	76.0	9.0	15.0	E	0.0
7/5/2024 16:25	75.0	10.0	15.0	E	0.0
7/5/2024 16:30	75.0	10.0	15.0	E	0.0
7/5/2024 16:35	74.0	9.0	13.0	E	0.0
7/5/2024 16:40	75.0	10.0	14.0	ESE	0.0
7/5/2024 16:45	75.0	9.0	15.0	E	0.0
7/5/2024 16:50	75.0	8.0	13.0	E	0.0
7/5/2024 16:55	75.0	9.0	14.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/5/2024 17:00	75.0	8.0	14.0	E	0.0
7/5/2024 17:05	75.0	10.0	15.0	E	0.0
7/5/2024 17:10	74.0	10.0	15.0	E	0.0
7/5/2024 17:15	74.0	9.0	14.0	E	0.0
7/5/2024 17:20	73.0	10.0	16.0	E	0.0
7/5/2024 17:25	73.0	10.0	13.0	E	0.0
7/5/2024 17:30	73.0	9.0	16.0	E	0.0
7/5/2024 17:35	73.0	10.0	15.0	E	0.0
7/5/2024 17:40	73.0	11.0	16.0	E	0.0
7/5/2024 17:45	73.0	8.0	12.0	ENE	0.0
7/5/2024 17:50	72.0	10.0	15.0	E	0.0
7/5/2024 17:55	72.0	9.0	15.0	ESE	0.0
7/5/2024 18:00	72.0	9.0	15.0	ESE	0.0

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

MPH - miles per hour    °F - Fahrenheit    N/A - Not Applicable    N - North    W - West    E - East  
 S - South    WSW - West Southwest    NNW - North Northwest  
 NE - Northeast    ENE - East Northeast    NNE - North Northeast  
 SE - Southeast    ESE - East Southeast

## APPENDIX F

### WIND SPEED DATA

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
0/5/10/2024, 9.30AM	1.6	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45122
0/5/10/2024, 9.45AM	2.1	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45123
0/5/10/2024, 10.00AM	2.4	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45124
0/5/10/2024, 10.15AM	2.8	4	NE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45125
0/5/10/2024, 10.30AM	2.5	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45126
0/5/10/2024, 10.45 AM	1.4	4	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45127
0/5/10/2024, 11.00 AM	0.4	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45128
0/5/10/2024, 11.15AM	0.4	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45129
0/5/10/2024, 11.30 AM	0	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45130
0/5/10/2024, 11.45 AM	2.4	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
0/5/10/2024, 12.00 PM	3	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
0/5/10/2024, 12.15 PM	1.9	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
0/5/10/2024, 12.30 PM	2.2	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
0/5/10/2024, 12.45 PM	1.9	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
0/5/10/2024, 1.00 PM	1.1	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
0/5/10/2024, 1.15 PM	2.6	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
0/5/10/2024, 1.30 PM	1.4	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
0/5/10/2024, 1.45 PM	2.9	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
0/5/10/2024, 2.00 PM	3.2	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
0/5/10/2024, 2.15 PM	1	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
0/5/10/2024, 2.30 PM	2.5	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
0/5/10/2024, 2.45 PM	0.9	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
0/5/10/2024, 3.00 PM	1.4	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144
0/5/10/2024, 3.15 PM	0.4	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45145

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

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
0/5/10/2024, 12.00 PM	3	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
0/5/10/2024, 12.15 PM	1.9	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
0/5/10/2024, 12.30 PM	2.2	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
0/5/10/2024, 12.45 PM	1.9	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
0/5/10/2024, 1.00 PM	1.1	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
0/5/10/2024, 1.15 PM	2.6	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
0/5/10/2024, 1.30 PM	1.4	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
0/5/10/2024, 1.45 PM	2.9	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
0/5/10/2024, 2.00 PM	3.2	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
0/5/10/2024, 2.15 PM	1	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
0/5/10/2024, 2.30 PM	2.5	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142

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

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
05/14/2024, 11.30 AM	3	3	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
05/14/2024, 11.45 AM	1.9	3	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
05/14/2024, 12.00 PM	2.2	3	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
05/14/2024, 12.15 PM	1.4	3	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
05/14/2024, 12.30 PM	1.1	5	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
05/14/2024, 12.45 PM	2.6	5	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
05/14/2024, 13.00 PM	1.4	5	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
05/14/2024, 13.15 PM	2.9	5	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
05/14/2024, 13.30 PM	0.7	6	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
05/14/2024, 13.45 PM	1	6	SE	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
05/14/2024, 14.00 PM	3.4	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
05/14/2024, 14.15PM	2.3	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
05/14/2024, 14.30 PM	1.2	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144
05/14/2024, 14.45 PM	0.9	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45145
05/14/2024, 15.00 PM	2.6	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45146
05/14/2024, 15.15 PM	1.7	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45147
05/14/2024, 15.30 PM	2	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45148
05/14/2024, 15.45 PM	2.7	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45149
05/14/2024, 16.00 PM	3.1	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45150
05/14/2024, 16.15 PM	2.5	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142

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

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
0/5/15/2024, 09.15 AM	3	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
0/5/15/2024, 09.30 AM	1.9	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
0/5/15/2024, 09.45 AM	2.2	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
0/5/15/2024, 10.00 AM	1.9	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
0/5/15/2024, 10.15 AM	1.1	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
0/5/15/2024, 10.30 AM	1.1	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
0/5/15/2024, 10.45 AM	1.2	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
0/5/15/2024, 11.00 AM	0.8	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
0/5/15/2024, 11.15 AM	1.6	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
0/5/15/2024, 11.30 AM	1	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
0/5/15/2024, 11.45 AM	2.3	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
0/5/15/2024, 12.00PM	4	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
0/5/15/2024, 12.15 PM	1.4	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144
0/5/15/2024, 12.30 PM	2.5	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45145
0/5/15/2024, 12.45 PM	1.3	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45146
0/5/15/2024, 1.00 PM	2.1	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45147
0/5/15/2024, 1.15 PM	1	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45148
0/5/15/2024, 1.30 PM	2.5	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45149

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

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
5/27/2024, 7:45AM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 8:00AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 8:15AM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 8:30AM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 8:45AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 9:00AM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 9:15AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 9:30AM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 9:45AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 10:00AM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 10:15AM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 10:30AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 10:45AM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 11:00AM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 11:15AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 11:30AM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 11:45AM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
5/27/2024, 12:00PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
05/28/2024, 08.00 AM	1.8	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45132
05/28/2024, 08.15 AM	2.5	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45133
05/28/2024, 08.30 AM	0	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45134
05/28/2024, 08.45 AM	3.2	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45135
05/28/2024, 09.00 AM	2.5	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45136
05/28/2024, 09.15 AM	2.7	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45137
05/28/2024, 09.30 AM	2.4	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45138
05/28/2024, 09.45 AM	2.3	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45139
05/28/2024, 10.00 AM	0	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45140
05/28/2024, 10.15 AM	2.8	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45141
05/28/2024, 10.30 AM	2.4	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45142
05/28/2024, 11.00 AM	2.3	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45143
05/28/2024, 11.15AM	3.5	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45144
05/28/2024, 11.30 AM	2.9	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45145

MPH - miles per hour

N - North

E - East

S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
05/30/2024, 10.30 AM	0	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-00
05/30/2024, 10.45 AM	1.4	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-01
05/30/2024, 11.00 AM	0	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-02
05/30/2024, 11.15 AM	0	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-03
05/30/2024, 11.30 AM	0.9	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-04
05/30/2024, 11.45 AM	2.4	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-05
05/30/2024, 12.00 PM	0	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-06
05/30/2024, 12.15 PM	0	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-07
05/30/2024, 12.30 PM	0	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-08
05/30/2024, 12.45 PM	1.8	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-09
05/30/2024, 13.00 PM	2.5	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-10
05/30/2024, 13.15 PM	1.6	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-11
05/30/2024, 13.30 PM	1.3	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-12
05/30/2024, 13.45 PM	1.4	5	SW	Lusi Naivalurua	Digital Anemometer Version EN-13
05/30/2024, 14.00 PM	1.7	5	SW	Lusi Naivalurua	Digital Anemometer Version EN-14
05/30/2024, 14.15 PM	0	5	SW	Lusi Naivalurua	Digital Anemometer Version EN-15
05/30/2024, 14.30 PM	0.8	5	SW	Lusi Naivalurua	Digital Anemometer Version EN-16
05/30/2024, 14.45 PM	1.4	5	SW	Lusi Naivalurua	Digital Anemometer Version EN-17
05/30/2024, 15.00 PM	2.6	5	SW	Lusi Naivalurua	Digital Anemometer Version EN-18
05/30/2024, 15.15PM	0	5	SW	Lusi Naivalurua	Digital Anemometer Version EN-19
05/30/2024, 15.30PM	0.8	5	SW	Lusi Naivalurua	Digital Anemometer Version EN-20

MPH - miles per hour    N - North

E - East

S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
05/31/2024, 08.30 AM	0	3	SW	Lusi Naivalurua	Digital Anemometer Version EN-00
05/31/2024, 08.45 AM	0	3	SW	Lusi Naivalurua	Digital Anemometer Version EN-01
05/31/2024, 09.00 AM	0	3	SW	Lusi Naivalurua	Digital Anemometer Version EN-02
05/31/2024, 09.15 AM	0	3	SW	Lusi Naivalurua	Digital Anemometer Version EN-03
05/31/2024, 09.30 AM	0.9	3	SW	Lusi Naivalurua	Digital Anemometer Version EN-04
05/31/2024, 09.45 AM	2.4	3	SW	Lusi Naivalurua	Digital Anemometer Version EN-05
05/31/2024, 10.00 AM	4.8	3	SW	Lusi Naivalurua	Digital Anemometer Version EN-06
05/31/2024, 10.15 AM	2.8	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-07
05/31/2024, 10.30 AM	3.6	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-08
05/31/2024, 10.45 AM	1.8	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-09
05/31/2024, 11.00 AM	2.5	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-10
05/31/2024, 11.15 AM	1.6	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-11
05/31/2024, 11.30 AM	1	4	SW	Lusi Naivalurua	Digital Anemometer Version EN-12
05/31/2024, 11.45 AM	4.5	8	SW	Lusi Naivalurua	Digital Anemometer Version EN-13
05/31/2024, 13.00PM	1.3	8	SW	Lusi Naivalurua	Digital Anemometer Version EN-14
05/31/2024, 13.15 PM	2.4	8	SW	Lusi Naivalurua	Digital Anemometer Version EN-15
05/31/2024, 13.30 PM	0.8	8	SW	Lusi Naivalurua	Digital Anemometer Version EN-16
05/31/2024, 13.45 PM	3.5	8	SW	Lusi Naivalurua	Digital Anemometer Version EN-17
05/31/2024, 14.00 PM	2.6	8	SW	Lusi Naivalurua	Digital Anemometer Version EN-18
05/31/2024, 14.15 PM	1.8	8	SW	Lusi Naivalurua	Digital Anemometer Version EN-19
05/31/2024, 14.30 PM	2.7	8	SW	Lusi Naivalurua	Digital Anemometer Version EN-20

MPH - miles per hour    N - North

E - East

S - South

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
6/8/2024, 7:15AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 7:30AM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 7:45AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 8:00AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 8:15AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 8:30AM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 8:45AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 9:00AM	0	1	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 9:15AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 9:30AM	1	1	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 9:45AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 10:00AM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 10:15AM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/8/2024, 10:30AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
06/10/2024, 07.15 AM	0	4	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45132
06/10/2024, 07.30 AM	0	3	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45133
06/10/2024, 07.45 AM	0	3	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45134
06/10/2024, 08.00 AM	0	3	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45135
06/10/2024, 08.15 AM	0.9	3	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45136
06/10/2024, 08.30 AM	2.4	3	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45137
06/10/2024, 08.45 AM	0.7	3	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45138
06/10/2024, 09.00AM	0	4	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45139
06/10/2024, 09.15 AM	2.1	4	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45140
06/10/2024, 09.30 AM	1.8	4	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45141
06/10/2024, 09.45 AM	2.5	4	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45142
06/10/2024, 10.00AM	1.6	4	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45143
06/10/2024, 10.15 AM	1	4	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45144
06/10/2024, 10.30 AM	2.1	7	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45145
06/10/2024, 10.45 AM	3.2	7	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45146
06/10/2024, 11.15 AM	1.7	7	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45147
06/10/2024, 11.30 AM	1.2	7	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45148
06/10/2024, 11.45 AM	1.6	7	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45149
06/10/2024, 12.00 PM	0.9	7	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45150
06/10/2024, 12.15 PM	1.8	7	NE	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45151
06/10/2024, 12.30 AM	2.1	7	NE	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45152
06/10/2024, 12.45 PM	0	9	NE	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45153
06/10/2024, 13.00 PM	0	9	NE	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45154
06/10/2024, 13.15 PM	0.9	9	NE	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45155
06/10/2024, 13.30 PM	2.3	9	NE	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45156
06/10/2024, 13.45 PM	2.1	9	NE	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45157
06/10/2024, 14.00 PM	1.3	9	NE	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45158
06/10/2024, 14.15 PM	0	9	NE	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45159
06/10/2024, 14.30 PM	0.4	9	NE	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45160
06/10/2024, 14.45 PM	1.4	9	NE	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45161
06/10/2024, 15.00 PM	1.2	9	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45162
06/10/2024, 15.15PM	2.1	9	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45163
06/10/2024, 15.30 PM	1	9	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45164
06/10/2024, 15.45PM	0	9	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45165
06/10/2024, 16.00 PM	0	9	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45166
06/10/2024, 16.15PM	2.7	9	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45167

MPH - miles per hour      N - North

E - East

S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
6/10/2024, 6:45AM	2	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 7:00AM	2	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 7:15AM	2	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 7:30AM	1	1	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 7:45AM	1	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 8:00AM	2	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 8:15AM	1	1	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 8:30AM	1	1	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 8:45AM	1	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 9:00AM	1	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 9:15AM	2	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 9:30AM	3	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 9:45AM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 10:00AM	2	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 10:15AM	2	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 10:30AM	2	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 10:45AM	3	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 11:00AM	3	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 11:15AM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 11:30AM	4	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 11:45AM	4	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 12:00PM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 12:15PM	3	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 12:30PM	4	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 12:45PM	3	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 1:00PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 1:15PM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 1:30PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 1:45PM	4	8	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 2:00PM	5	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 2:15PM	5	8	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 2:30PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/10/2024, 2:45PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
06/11/2024, 08.15 AM	0	3	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45136
06/11/2024, 08.30AM	0	3	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45137
06/11/2024, 08.45 AM	0.7	3	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45138
06/11/2024, 09.00 AM	0	4	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45139
06/11/2024, 09.15 AM	1	4	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45140
06/11/2024, 09.30 AM	1.4	4	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45141
06/11/2024, 09.45 AM	0	4	W	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45142
06/11/2024, 10.00 AM	1.6	4	W	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45143
06/11/2024, 10.15 AM	1	4	W	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45144
06/11/2024, 10.30AM	2.3	5	W	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45145
06/11/2024, 10.45 AM	0	5	W	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45146
06/11/2024, 11.00 AM	1.7	5	W	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45147
06/11/2024, 11.15 AM	0	5	W	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45148
06/11/2024, 11.30 AM	1.6	5	W	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45149
06/11/2024, 11.45 AM	2.4	5	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45150
06/11/2024, 12.00 PM	1.8	5	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45151
06/11/2024, 12.15 PM	0	8	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45153
06/11/2024, 12.30 AM	0	8	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45154
06/11/2024, 12.45 AM	0.9	8	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45155
06/11/2024, 13.00 PM	2.3	8	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45156
06/11/2024, 13.15 PM	1.2	8	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45157
06/11/2024, 13.30 PM	1.7	8	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45158
06/11/2024, 13.45 PM	0	8	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45159
06/11/2024, 14.00 PM	0.4	8	SW	Lusi Naivalurua	EXECTEC MINI-THERMO ANEMOMETER 45160

MPH - miles per hour    N - North

E - East

S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
6/11/2024, 8:15AM	2	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 8:30AM	1	1	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 8:45AM	1	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 9:00AM	1	1	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 9:15AM	1	1	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 9:30AM	2	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 9:45AM	1	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 10:00AM	1	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 10:15AM	1	1	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 10:30AM	1	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 10:45AM	2	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 11:00AM	3	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 11:15AM	3	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 11:30AM	2	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 11:45AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 12:00PM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 12:15PM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 12:30PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 12:45PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 1:15PM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 1:30PM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 1:45PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 2:00PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 2:15PM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 2:30PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 2:45PM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 3:00PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 3:15PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 3:30PM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 3:45PM	3	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/11/2024, 4:00PM	5	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
6/13/2024, 7:45AM	4	8	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/13/2024, 8:00AM	5	8	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/13/2024, 8:15AM	4	7	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/13/2024, 8:30AM	3	7	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/13/2024, 8:45AM	4	8	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/13/2024, 9:00AM	5	9	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/13/2024, 9:15AM	4	8	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

<b>Date/Time:</b>	<b>Wind Avg mph (10 second sample)</b>	<b>Gusts mph</b>	<b>Wind Direction</b>	<b>Technician Performed By:</b>	<b>Device:</b>
6/14/2024, 9:00AM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/13/2024, 9:15AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/13/2024, 9:30AM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/13/2024, 9:45AM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/13/2024, 10:00AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/13/2024, 10:15AM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
6/18/2024, 11:00AM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 11:15AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 11:30AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 11:45AM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 12:00PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 12:15PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 12:30PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 12:45PM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 1:00PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 1:15PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 1:30PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 1:45PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 2:00PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 2:15PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 2:30PM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 2:45PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 3:00PM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 3:15PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 3:30PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 3:45PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 4:00PM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 4:15PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 4:30PM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 4:45PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 5:00PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/18/2024, 5:15PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
6/21/2024, 10:15AM	0	3	SW	Lusi Naivalurua	
6/21/2024, 10:30AM	0	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 10:45AM	0.6	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 11:00 AM	1	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 11:15AM	1.2	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 11:30AM	3	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 11.45AM	3	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 12.15 PM	4	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 12.30 PM	3	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 12.45 PM	4	7	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 13.00 PM	4	7	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 13.15 PM	0.2	7	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 13:30 PM	4	7	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 13.45 PM	1.3	8	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 14.00PM	4	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 14.15PM	0.4	7	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 14.30PM	1	7	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 14.45 PM	0.5	7	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 15.00PM	0.6	7	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
6/21/2024, 11:15AM	3	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 11:30AM	3	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 11:45AM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 12:00PM	4	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 12:15PM	4	6	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 12:30PM	3	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 12:45PM	3	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 1:00PM	4	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 1:15PM	4	6	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 1:30PM	3	6	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 1:45PM	4	7	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 2:00PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 2:15PM	5	8	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 2:30PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 2:45PM	5	8	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/21/2024, 3:00PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
6/22/2024, 10:30AM	1	1	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 10:45AM	1	1	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 11:00AM	0	1	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 11:15AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 11:30AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 11:45AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 12:00PM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 12:15PM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 12:30PM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 12:45PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 1:00PM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 1:15PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 1:30PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 1:45PM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 2:00PM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 2:15PM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 2:30PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 2:45PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 3:00PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/22/2024, 3:15PM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
6/24/2024, 7:45AM	1	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 8:00AM	2	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 8:15AM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 8:30AM	2	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 8:45AM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 9:00AM	2	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 9:15AM	1	1	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 9:30AM	1	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 9:45AM	1	2	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 10:00AM	2	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 10:15AM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 10:30AM	3	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 10:45AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 11:00AM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 11:15AM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 11:30AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 11:45AM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
6/24/2024, 12:00PM	3	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
7/5/2024, 9:15AM	1	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
7/5/2024, 9:30AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
7/5/2024, 9:45AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
7/5/2024, 10:00AM	0	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
7/5/2024, 10:15AM	1	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118



October 25, 2024

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

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

Dear Ms. McDonnell:

This report provides results of the Third Quarter 2024 New Source Performance Standards (NSPS) and California Air Resources Board (CARB) Landfill Methane Rule (LMR) surface emissions monitoring (SEM) performed by Tetra Tech and a Tetra Tech subcontractor at the Ox Mountain Landfill on July 15, 19, 30, and 31, 2024, August 8, 13, 14, 15, 16, 22, 23, 27, 28, and 29, 2024, and September 4, 5, 6, 7, 11, 12, 17, 21, 22 and 27, 2024. All work was performed in accordance with Republic Services' Standard Operating Procedures (SOP), federal NSPS, and state LMR requirements.

## **SUMMARY AND CONCLUSIONS**

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

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

The Third Quarter 2024 SEM testing results indicated two (2) cover penetration locations, and five (5) instantaneous locations exceeded the NSPS (Grids) and LMR (Grids, Penetrations, and Perimeter) instantaneous methane concentration threshold of 500 parts per million by volume (ppmv) and two (2) exceedances of the LMR integrated threshold limit of 25 ppmv as measured as methane above background were detected during the initial monitoring event. System adjustments and repair work was performed by site personnel. The subsequent 10-day re-monitoring events indicated that all seven (7) areas with instantaneous exceedances had returned to compliance and the two (2) integrated grids in exceedance had returned to compliance. The one-month re-monitoring indicated all detected instantaneous and integrated exceedances remained in compliance.

Additionally, during this event, some grids were not monitored as these areas were deemed unsafe by Tetra Tech, Tetra Tech's subcontractor, and/or site personnel for entry due to active filling operations, ongoing construction, heavy traffic, or steep slopes, which could cause a potential for injury of monitoring personnel as noted below:

- Full grids 5, 8, 9, 11, 26, 35, 41, 42, 47, 48, 55, 62, 63, 71, 73, 78, 80, 87, 93, 98, 99, 105, 111, and 162 were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (See Appendix A).
- Partial grids 6, 15, 18, 21, 22, 25, 28, 34, 49, 50, 81, 88, 92, 93, 108, 114, 117, 123, 129, 134, 135, 140, 141, 155, and 159 were partially monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (See Appendix A).

Areas consisting of native soil (no waste in place) were also exempted from monitoring, in accordance with the LMR. Any wells located in grids noted as exempt from monitoring due to health and safety concerns but remained accessible were monitored on an as-needed basis. Excluded areas are provided on the field map in Appendix A.

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

Locations with concentrations between 200 ppmv and 499 ppmv are included 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. Results of the monitoring are shown in Appendix B

Finally, to help prevent potential future exceedances, Tetra Tech recommends that the landfill surface be routinely inspected, any observed surface erosion be routinely repaired, and flowrates to the destruction devices be maximized.

## **BACKGROUND**

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

## **SURFACE EMISSIONS MONITORING**

Instantaneous and integrated SEM was performed over the surface of the subject site on July 15, 19, 30, and 31, 2024, August 8, 13, 14, 15, 16, 22, 23, 27, 28, and 29, 2024, and September 4, 5, 6, 7, 11, 12, 17, 21, 22 and 27, 2024. The intent of the monitoring was to identify any specific locations or areas

of the landfill surface with organic compound concentrations exceeding the NSPS and/or LMR threshold limit values of 500 ppmv measured as methane for instantaneous monitoring or exceeding the threshold limit values of 25 ppmv for the integrated monitoring in the 50,000 square foot grids as required under the LMR. During this event Tetra Tech performed the monitoring on 25-foot pathways in all accessible areas, in accordance with the rules as required.

## **EMISSIONS TESTING INSTRUMENTATION/CALIBRATION**

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

- Inficon IRwin Methane Leak Detector (Gas Chromatograph and IR-sensor combination). This instrument measures methane in air over a range of 1 ppm to 100% by volume. The IRwin meets the CARB requirements for combined instantaneous and integrated monitoring and was calibrated in accordance with United States Environmental Protection Agency (USEPA) Method 21 and manufacturers specifications.
- A portable Anemometer by EXTECH was used to monitor and log wind speeds while performing emissions monitoring. Field observations and local weather station information is used to track weather conditions and rain events.

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

## **SURFACE EMISSIONS MONITORING PROCEDURES**

Instantaneous and integrated SEM was conducted in accordance with NSPS and LMR requirements. Monitoring was performed with the FID inlet held within 3 inches of the landfill surface while a technician walked a grid in parallel paths not more than 25-feet apart over the surface of the landfill unless site safety conditions or prior monitoring results allowed 100-foot pathways. Cracks, holes, and all cover penetrations in the surface were also tested. Instantaneous surface emissions readings were monitored continuously and recorded every 5 seconds. Any areas in exceedance of the 500 ppmv threshold limits (reporting and compliance levels, respectively) were GPS tagged, any locations exceeding the 500 ppmv threshold limit were also stake-marked for on-site personnel to perform remediation or repairs.

The integrated average is based on the readings stored on the instrument which are recorded every 5 seconds. The readings are then downloaded, and the averages are calculated for each grid using software provided by the instrument manufacturer. The readings are not provided in the report due to the volume of data but can be furnished upon request.

Recorded wind speed results are shown in Appendix F. Wind speed 15-minute averages were observed to remain below the alternative requested 10 miles per hour (based on 60 second intervals), and no instantaneous speeds exceeded 20 miles per hour during the testing. Monitoring was terminated when average wind speed exceeded 5 miles per hour. The LMR states that monitoring may not take place if any measurable precipitation is recorded onsite within 72-hours. Weather conditions for the monitoring events are included in Appendix E.

## **TESTING RESULTS**

During the initial monitoring events on July 15, 19, 30, and 31, 2024, August 8, 13, 14, 15, 16, 22, 23,

27, 28, and 29, 2024, and September 4, 5, 6, 7, 11, 12, 17, 21, and 22, 2024, there were two (2) cover penetration locations and five (5) instantaneous locations that exceeded the NSPS (Grids) and LMR (Grids and Penetrations) instantaneous level of 500 ppmv. There were two (2) exceedances of the LMR integrated threshold limit of 25 ppmv as measured as methane above background detected. System adjustments and repair work (repair of boreholes, vacuum increases to nearby extraction wells and re-compaction of soil) was performed by site personnel. The subsequent 10-day re-monitoring events on August 23, 2024, and September 5, 12, and 17, 2024, indicated that all seven (7) areas with instantaneous exceedances had returned to compliance and the two (2) integrated grids had returned to compliance. The one-month re-monitoring events on September 12 and 27, 2024, indicated there were no locations with remaining instantaneous exceedances.

Based on these results, no further monitoring is required until the Fourth Quarter of 2024. Results of the monitoring are shown in Appendix B and C. Calibration logs for the monitoring equipment are provided in Appendix D.

The landfill perimeter was walked and tested. Results of this testing indicated that no exceedances of the 500 ppmv limit were observed, therefore the site perimeter was in compliance with the requirements of the rule.

- Full grids 5, 8, 9, 11, 26, 35, 41, 42, 47, 48, 55, 62, 63, 71, 73, 78, 80, 87, 93, 98, 99, 105, 111, and 162 were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (See Appendix A).
- Partial grids 6, 15, 18, 21, 22, 25, 28, 34, 49, 50, 81, 88, 92, 93, 108, 114, 117, 123, 129, 134, 135, 140, 141, 155, and 159 were partially monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (See Appendix A).

These areas were deemed unsafe by the Tetra Tech subcontractor personnel for entry due to active filling operations, construction, and other dangerous or unsafe conditions, which could cause a potential for injury of monitoring personnel (Appendix A).

Areas consisting of native soil (no waste in place) are also exempt from monitoring, in accordance with the LMR.

Any wells located in grids noted as exempt from monitoring due to health and safety concerns but remained accessible were monitored on an as-needed basis.

## **PROJECT SCHEDULE**

Following the initial events performed on July 15, 19, 30, and 31, 2024, August 8, 13, 14, 15, 16, 22, 23, 27, 28, and 29, 2024, and September 4, 5, 6, 7, 11, 12, 17, 21, and 22, 2024, subsequent re-monitoring was scheduled for ten days later. The first 10-day re-monitoring events were performed on August 23, 2024, and September 5, 12, and 17, 2024, and indicated that all seven (7) areas with instantaneous exceedances had returned to compliance and the two (2) integrated grids had returned to compliance. The one-month confirmation testing on the abated instantaneous readings were performed on September 12 and 27, 2024, and indicated the seven (7) instantaneous exceedances remained below NSPS and LMR thresholds of compliance.

In accordance with the approved Scope of Work with the site, Tetra Tech is scheduled to perform the Fourth Quarter 2024 NSPS and LMR monitoring event by the end of December 2024 in all areas deemed safe for entry.

## **STANDARD PROVISIONS**

This report addresses conditions of the subject site during the testing dates only. Accordingly, we assume no responsibility for any changes that may occur subsequent to testing which could affect the surface emissions at the subject site or adjacent properties.

If you have any questions regarding this report, please contact Rob Newbrough at (503) 720-0925.

Thank you,

Tetra Tech



Rob Newbrough  
O&M West Area Manager

This report contains the following Appendices:

**Appendix A:** Surface Grid Map

**Appendix B:** Instantaneous Monitoring Results

**Appendix C:** Integrated Monitoring Results

**Appendix D:** Calibration Logs

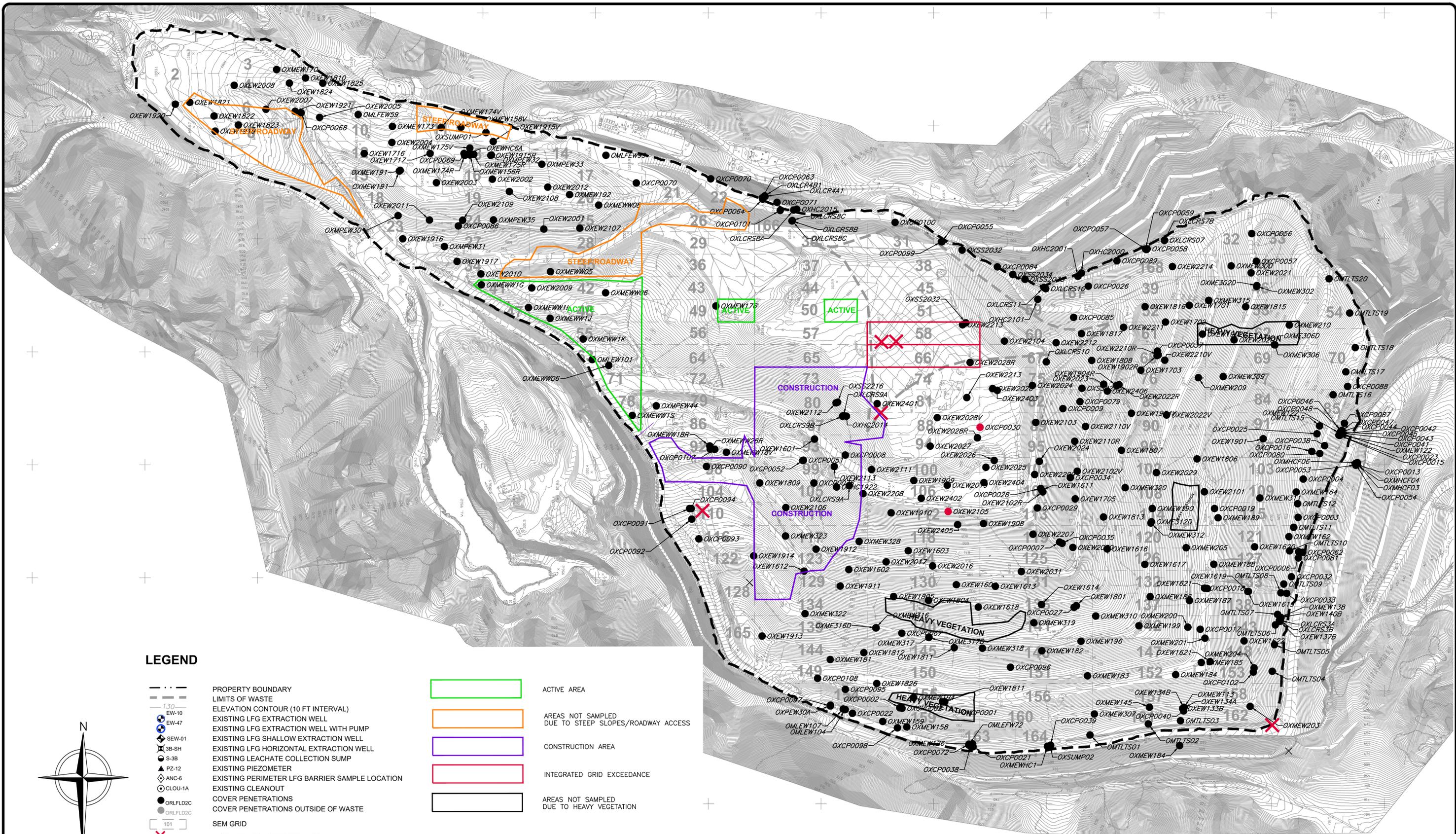
**Appendix E:** Weather Data

**Appendix F:** Wind Speed Data

# APPENDIX A

## SURFACE GRID MAP





**LEGEND**

- |  |  |  |  |
|--|--|--|--|
|  | PROPERTY BOUNDARY                              |  | ACTIVE AREA  |
|  | LIMITS OF WASTE                                |  | AREAS NOT SAMPLED DUE TO STEEP SLOPES/ROADWAY ACCESS |
|  | ELEVATION CONTOUR (10 FT INTERVAL)             |  | CONSTRUCTION AREA                                    |
|  | EXISTING LFG EXTRACTION WELL                   |  | INTEGRATED GRID EXCEEDANCE                           |
|  | EXISTING LFG EXTRACTION WELL WITH PUMP         |  | AREAS NOT SAMPLED DUE TO HEAVY VEGETATION            |
|  | EXISTING LFG SHALLOW EXTRACTION WELL           |  |  |
|  | EXISTING LFG HORIZONTAL EXTRACTION WELL        |  |  |
|  | EXISTING LEACHATE COLLECTION SUMP              |  |  |
|  | EXISTING PIEZOMETER                            |  |  |
|  | EXISTING PERIMETER LFG BARRIER SAMPLE LOCATION |  |  |
|  | EXISTING CLEANOUT                              |  |  |
|  | COVER PENETRATIONS                             |  |  |
|  | COVER PENETRATIONS OUTSIDE OF WASTE            |  |  |
|  | SEM GRID                                       |  |  |
|  | INSTANTANEOUS EXCEEDANCE                       |  |  |
|  | COVER PENETRATION EXCEEDANCES                  |  |  |

**NOTE(S)**

1. THE GRID IS BASED ON THE CALIFORNIA COORDINATE SYSTEM, ZONE III, NAD 27
2. ALL GCCS COMPONENTS AND ASSOCIATED LANDFILL FACILITY LOCATIONS PROVIDED BY TETRA TECH
3. WELLS AND LATERALS RELOCATED TO MATCH THE LATEST WELL AND HEADER INSTALLATION AS-BUILT 01/03/2022 RECORD SURVEY DRAWINGS BY TETRA TECH.
4. MONITORING DATE(S): JULY 15, 19, 30, AND 31, 2024, AUGUST 8, 13, 14, 15, 16, 22, 23, 27, 28, AND 29, 2024, AND SEPTEMBER 4, 5, 6, 7, 11, 12, 17, 21, 22, AND 27, 2024.

This drawing represents Intellectual Property of Tetra Tech. Any modification to the drawing is subject to Tetra Tech approval and shall be signed and dated by the appropriate Tetra Tech professional engineer or other qualified personnel.

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY
1	10/8/2024					

**TETRA TECH**

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

REPUBLIC  
OX MOUNTAIN  
HALF MOON BAY, CA

**COVER PENETRATIONS THIRD QUARTER 2024**

SHEET NO.  
**2**

PROJECT NO.  
197-2024-2001

## APPENDIX B

### INSTANTANEOUS MONITORING RESULTS

**Ox Mountain Landfill Instantaneous Surface Emissions Monitoring  
Initial 500 ppmv Exceedances and Re-Monitoring Log**

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event				Corrective Actions		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
Monitoring Date	Grid Number	Coordinates	CH <sub>4</sub> Concentration (>500 ppmv)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
8/22/2024	0	37.49628, -122.41410	562.0	8/23/2024	Sealed tear in liner with tape.	8/23/2024	0.0	N/A	N/A	9/12/2024	0.0
9/5/2024	58	37.50133, -122.40906	754.5	9/6/2024	Increased vacuum in surrounding wells.	9/12/2024	344.6	N/A	N/A	9/27/2024	2.3
9/5/2024	58	37.50134, -122.40907	687.9	9/6/2024	Increased vacuum in surrounding wells.	9/12/2024	233.9	N/A	N/A	9/27/2024	7.5
9/6/2024	88	37.50099, -122.41037	502.7	9/11/2024	Started up new wells and increased vacuum.	9/12/2024	254.3	N/A	N/A	9/27/2024	3.3
9/12/2024	110	37.50289, -122.41170	623.2	9/13/2024	Increased vacuum in OXEW2402 to abate exceedance.	9/17/2024	250.3	N/A	N/A	9/27/2024	276.9

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event				Corrective Actions		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
Monitoring Date	Cover Penetration ID	Coordinates	CH <sub>4</sub> Concentration (>500 ppmv)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
9/4/2024	OXCP0030	37.50002, -122.41039	1462.4	9/5/2024	Hydrated and compacted soil around penetration.	9/5/2024	362.1	N/A	N/A	9/27/2024	0.0
9/4/2024	OXEW2105	37.50045, -122.41168	760.1	9/5/2024	Hydrated and compacted soil around penetration.	9/5/2024	285.4	N/A	N/A	9/27/2024	123.7

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

ID - Identification

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OMLEW101	37.50482,-122.40943	8/16/2024	1.7	N/A	N/A	N/A	N/A	N/A	N/A
OMLEW104	37.50170,-122.41472	8/28/2024	2.3	N/A	N/A	N/A	N/A	N/A	N/A
OMLEW107	37.50170,-122.41476	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW59	37.50775,-122.40571	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW72	37.50011,-122.41523	8/28/2024	24.1	N/A	N/A	N/A	N/A	N/A	N/A
OMLFEW99	37.50466,-122.40636	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS01	37.49863,-122.41502	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS02	37.49793,-122.41486	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS03	37.49754,-122.41478	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS04	37.49641,-122.41400	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS05	37.49641,-122.41358	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS06	37.49639,-122.41328	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS07	37.49640,-122.41312	7/19/2024	2.8	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS08	37.49637,-122.41282	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS09	37.49633,-122.41266	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS10	37.49624,-122.41215	7/19/2024	1.2	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS11	37.49620,-122.41179	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS12	37.49617,-122.41142	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS15	37.49589,-122.41024	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS16	37.49574,-122.40978	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS17	37.49557,-122.40942	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS18	37.49547,-122.40904	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS19	37.49559,-122.40848	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OMTLTS20	37.49582,-122.40802	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0001	37.50036,-122.41458	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0002	37.50092,-122.41471	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0003	37.49614,-122.41163	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0004	37.49608,-122.41108	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0006	37.49628,-122.41225	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0007	37.49925,-122.41176	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0008	37.50178,-122.41070	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0009	37.49919,-122.41009	9/17/2024	3.5	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0013	37.49548,-122.41081	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0015	37.49565,-122.41038	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0016	37.49599,-122.41065	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0022	37.50154,-122.41477	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0023	37.49566,-122.41040	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0025	37.49587,-122.41037	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0026	37.49879,-122.40821	8/28/2024	34.9	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0028	37.49930,-122.41126	9/4/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXCP0029	37.49935,-122.41157	9/4/2024	274.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0030	37.50014,-122.41021	9/4/2024	1462.4	9/5/2024	362.1	N/A	N/A	9/27/2024	0.0
OXCP0032	37.49622,-122.41249	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0033	37.49627,-122.41279	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0034	37.49895,-122.41110	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0035	37.49900,-122.41214	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0037	37.49817,-122.41012	9/17/2024	2.5	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0038	37.49563,-122.41038	8/28/2024	188.7	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0040	37.49717,-122.41458	8/14/2024	4.3	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0041	37.49567,-122.41038	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0042	37.49566,-122.41037	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0043	37.49566,-122.41035	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0044	37.49562,-122.41039	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0045	37.49564,-122.41034	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0046	37.49564,-122.41031	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0047	37.49563,-122.41030	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0048	37.50058,-122.40756	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0051	37.50219,-122.41094	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0052	37.50221,-122.41098	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0053	37.49539,-122.41077	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0054	37.49537,-122.41075	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0056	37.49681,-122.40729	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0064	37.50257,-122.40675	8/16/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0067	37.50032,-122.41375	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0068	37.50841,-122.40583	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0069	37.50642,-122.40639	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0072	37.49929,-122.41527	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0076	37.50206,-122.41128	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0079	37.49886,-122.41000	9/17/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0080	37.49572,-122.41062	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0081	37.49614,-122.41226	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0085	37.49902,-122.40860	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0086	37.50680,-122.40771	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0087	37.49560,-122.41016	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0088	37.49591,-122.40781	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0096	37.49932,-122.41404	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0097	37.50177,-122.41463	9/17/2024	3.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0098	37.50098,-122.41496	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0099	37.50057,-122.40755	8/28/2024	365.2	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0100	37.50114,-122.40727	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXCP0101	37.50254, -122.40713	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0102	37.49666, -122.41402	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0103	37.50339, -122.40666	8/16/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0104	37.50267, -122.40697	8/16/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0108	37.50202,-122.41424	8/28/2024	109.8	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0109	37.50211,-122.41449	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0110	37.50213,-122.41450	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0111	37.50212,-122.41450	8/28/2024	24.1	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0112	37.50152,-122.41464	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0113	37.50634,-122.40597	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0114	37.50549,-122.40744	9/17/2024	1.8	N/A	N/A	N/A	N/A	N/A	N/A
OXCP0115	37.49717,-122.41458	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW133B	37.49749,-122.41459	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW134A	37.49752,-122.41461	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW134B	37.49751,-122.41461	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW137B	37.49633,-122.41322	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1601	37.50205,-122.41174	9/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1602	37.50161,-122.41257	9/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1603	37.50093,-122.41226	8/15/2024	292.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1604	37.50027,-122.41275	8/15/2024	369.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1611	37.49929,-122.41134	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1612	37.50215,-122.41262	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1613	37.49982,-122.41278	8/15/2024	104.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1614	37.49927,-122.41303	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1616	37.49853,-122.41224	8/14/2024	39.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1617	37.49802,-122.41238	7/19/2024	4.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1618	37.50002,-122.41308	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1619	37.49674,-122.41275	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1620	37.49670,-122.41211	7/19/2024	1.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1621	37.49726,-122.41276	7/19/2024	2.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1622	37.49679,-122.41354	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1701	37.49753,-122.40844	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1702	37.49781,-122.40872	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1703	37.49811,-122.40944	8/14/2024	76.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1705	37.49886,-122.41142	8/14/2024	1.4	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1716	37.50766,-122.40636	8/15/2024	2.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1717	37.50683,-122.40635	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1801	37.49882,-122.41306	8/15/2024	2.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1804	37.50063,-122.41302	8/15/2024	348.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1805	37.50104,-122.41296	8/15/2024	156.6	N/A	N/A	N/A	N/A	N/A	N/A

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXEW1806	37.49741,-122.41079	7/19/2024	62.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1807	37.49832,-122.41067	8/14/2024	17.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1808	37.49873,-122.40930	8/14/2024	27.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1809	37.50274,-122.41130	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1810	37.50836,-122.40523	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1811R	37.50038,-122.41413	8/28/2024	1.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1811V	37.50033,-122.41373	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1812	37.50143,-122.41383	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1813	37.49854,-122.41171	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1815	37.49686,-122.40844	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1816	37.49807,-122.40847	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1817	37.49883,-122.40890	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1821	37.50973,-122.40565	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1822	37.50946,-122.40584	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1823	37.50918,-122.40598	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1824	37.50858,-122.40533	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1825	37.50814,-122.40531	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1826	37.50125,-122.41430	8/28/2024	2.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1901	37.49663,-122.41045	7/19/2024	6.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1902R	37.49791,-122.40922	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1902V	37.49737,-122.40888	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1904R	37.49838,-122.40968	8/14/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1904V	37.49820,-122.41015	8/14/2024	136.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1908	37.49997,-122.41181	9/4/2024	195.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1909	37.50086,-122.41117	9/4/2024	190.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1910	37.50112,-122.41167	9/4/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1911	37.50171,-122.41282	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1912	37.50203,-122.41227	9/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1913	37.50271,-122.41365	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1914	37.50281,-122.41239	7/19/2024	1.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1915R	37.50609,-122.40637	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1915V	37.50605,-122.40617	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1916	37.50715,-122.40766	8/16/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1917	37.50649,-122.40803	8/16/2024	43.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1919	37.50948,-122.40611	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1920	37.50991,-122.40562	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW1921	37.50850,-122.40576	8/15/2024	1.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2001	37.50542,-122.40750	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2002	37.50607,-122.40671	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2003	37.50676,-122.40680	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXEW2004	37.50733,-122.40623	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2005	37.50820,-122.40582	8/15/2024	20.5	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2007	37.50885,-122.40573	8/15/2024	2.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2008	37.50922,-122.40534	8/15/2024	12.9	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2009	37.50553,-122.40838	8/16/2024	51.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2010	37.50618,-122.40817	8/16/2024	3.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2011	37.50682,-122.40741	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2012	37.50541,-122.40684	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2016	37.50063,-122.41247	8/15/2024	241.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2017	37.50119,-122.41244	8/15/2024	366.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2019	37.50044,-122.41111	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2020	37.49698,-122.40896	7/19/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2021	37.49680,-122.40792	7/19/2024	46.6	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2022R	37.49837,-122.40970	8/14/2024	1.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2022V	37.49779,-122.41015	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2023	37.49853,-122.40967	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2024	37.49939,-122.40976	9/4/2024	314.8	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2025	37.50001,-122.41093	9/4/2024	257.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2026	37.49994,-122.40976	9/4/2024	338.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2027	37.50070,-122.41060	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2028R	37.50015,-122.40942	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2028V	37.50063,-122.41014	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2029	37.49790,-122.41099	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2030	37.49890,-122.41217	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2031	37.49953,-122.41256	8/15/2024	9.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2101	37.49734,-122.41126	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2102R	37.49939,-122.41133	9/4/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2102V	37.49893,-122.41097	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2103	37.49957,-122.41022	9/4/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2104	37.49979,-122.40902	8/28/2024	258.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2105	37.50053,-122.41124	9/4/2024	760.1	9/5/2024	285.4	N/A	N/A	9/27/2024	123.7
OXEW2106	37.50245,-122.41159	9/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2107	37.50506,-122.40743	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2108	37.50587,-122.40692	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2109	37.50641,-122.40735	8/15/2024	12.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2110R	37.49889,-122.41055	8/14/2024	253.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2110V	37.49877,-122.41032	8/14/2024	2.1	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2111	37.50138,-122.41087	9/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2112	37.50180,-122.40998	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2113	37.50180,-122.41098	8/28/2024	298.7	N/A	N/A	N/A	N/A	N/A	N/A

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXEW2207	37.49938, -122.41198	9/4/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2208	37.50146, -122.41142	9/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2209	37.49938, -122.41107	9/4/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2210R	37.49790, -122.40921	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2210V	37.49782, -122.40930	8/14/2024	6.3	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2211	37.49833, -122.40880	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2212	37.49915, -122.40906	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2213	37.50029, -122.40881	8/28/2024	298.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2214	37.49775, -122.40786	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2401	37.50138, -122.40893	9/17/2024	2.2	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2402	37.50082, -122.41036	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2403	37.49992, -122.40869	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2404	37.50006, -122.41010	9/17/2024	9.7	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2405	37.50037, -122.41075	9/17/2024	89.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEW2406	37.49858, -122.408667	9/17/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEWHC6AR	37.50632, -122.40636	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXEWHC6AV	37.50636, -122.40574	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC1922	37.50178, -122.41132	9/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2000	37.49803, -122.40758	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2001	37.49803, -122.40758	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2014	37.50170, -122.41019	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2015	37.50254, -122.40671	8/28/2024	8.4	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2101	37.49938, -122.40840	8/28/2024	22.8	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2301	37.50428, -122.40742	9/27/2024	4.6	N/A	N/A	N/A	N/A	N/A	N/A
OXHC2302	37.50428, -122.40743	9/27/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCR4A1	37.50257, -122.40673	8/16/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCR4B1	37.50257, -122.40674	8/16/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS07	37.49789, -122.40745	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS10	37.49933, -122.40824	8/28/2024	400.5	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS11	37.49933, -122.40823	8/28/2024	180.8	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS12	37.49986, -122.40795	8/28/2024	22.2	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS3A	37.49633, -122.41322	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS3B	37.49633, -122.41322	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS7B	37.49788, -122.40745	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8A	37.50238, -122.40712	8/16/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8B	37.50240, -122.40728	8/16/2024	2.3	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS8C	37.50239, -122.40728	8/16/2024	8.0	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS9A	37.50170, -122.41019	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXLCRS9B	37.50170, -122.41019	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXME302D	37.49674, -122.40813	7/19/2024	2.7	N/A	N/A	N/A	N/A	N/A	N/A

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXME306D	37.49647,-122.40899	8/14/2024	13.7	N/A	N/A	N/A	N/A	N/A	N/A
OXME312D	37.49795,-122.41173	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXME316D	37.50128,-122.41347	7/19/2024	5.2	N/A	N/A	N/A	N/A	N/A	N/A
OXME317D	37.50062,-122.41358	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW113	37.49749,-122.41459	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW122	37.49563,-122.41037	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW126	37.50009,-122.41523	8/28/2024	57.1	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW138	37.49633,-122.41317	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW145	37.49790,-122.41459	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW156R	37.50636,-122.40638	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW156V	37.50644,-122.40594	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW158	37.50114,-122.41485	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW159	37.50088,-122.41495	8/28/2024	15.8	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW162	37.49626,-122.41193	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW170	37.50871,-122.40513	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW173	37.50728,-122.40593	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW174R	37.50644,-122.40640	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW174V	37.50670,-122.40593	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW175R	37.50629,-122.40636	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW175V	37.50631,-122.40625	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW181	37.50178,-122.41392	9/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW182	37.49924,-122.41376	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW183	37.49869,-122.41411	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW184	37.49761,-122.41405	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW185	37.4973,-122.41389	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW186	37.49795,-122.41289	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW187	37.49748,-122.41294	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW188	37.49721,-122.41239	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW189	37.49713,-122.41173	7/19/2024	255.6	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW190	37.49795,-122.41153	7/19/2024	28.1	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW191	37.50720,-122.40664	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW192	37.50510,-122.40695	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW194	37.50081,-122.41449	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW196	37.49875,-122.41364	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW199	37.49805,-122.41334	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW200	37.49747,-122.41332	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW201	37.49723,-122.41352	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW203	37.49671,-122.41452	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW204	37.49667,-122.41391	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW205	37.49750,-122.41211	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXMEW209	37.49739,-122.40951	9/17/2024	171.3	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW210	37.49631,-122.40870	8/14/2024	229.8	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW300	37.49705,-122.40781	7/19/2024	206.5	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW302	37.49673,-122.40813	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW306	37.49647,-122.40898	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW307	37.49860,-122.41470	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW309	37.49711,-122.40952	7/19/2024	2.2	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW310	37.49859,-122.41323	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW311	37.49661,-122.41136	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW312	37.49795,-122.41173	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW315	37.49730,-122.40837	7/19/2024	49.4	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW316	37.50128,-122.41346	7/19/2024	8.1	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW317	37.50063,-122.41359	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW318	37.49997,-122.41371	7/19/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW319	37.49935,-122.41333	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW320	37.49827,-122.41125	8/14/2024	30.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW322	37.50214,-122.41328	9/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW323	37.50242,-122.41207	9/21/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEW328	37.50151,-122.41214	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWHC1	37.49914,-122.41521	8/14/2024	3.8	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW05	37.50532,-122.40811	8/16/2024	9.7	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW06	37.50466,-122.40843	8/16/2024	67.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW08R	37.50584,-122.40694	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW08V	37.50472,-122.40710	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW18R	37.50331,-122.41076	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW18V	37.50314,-122.41083	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW1G	37.50616,-122.40836	8/16/2024	19.7	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW1S	37.50430,-122.41031	8/16/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMEWW26R	37.50007,-122.41526	Abandoned	Abandoned	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF03	37.49539,-122.41078	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF04	37.49539,-122.41076	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMHCF06	37.49536,-122.41074	8/14/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW30	37.50718,-122.40739	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW31	37.50663,-122.40775	8/16/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW32	37.50608,-122.40638	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW33	37.50546,-122.40648	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW35	37.50601,-122.40736	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXMPEW44	37.50402,-122.41013	8/16/2024	397.5	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2032	37.50032,-122.40767	8/28/2024	13.5	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2033	37.49954,-122.40810	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Cover Penetration ID	Coordinates	Initial Monitoring Event		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		1-Month Re-Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)	Monitoring Date	CH <sub>4</sub> Concentration (ppmv)
OXSS2034	37.49969, -122.40803	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2215	37.49882, -122.40974	8/14/2024	45.8	N/A	N/A	N/A	N/A	N/A	N/A
OXSS2216	37.50179, -122.41003	*	*	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP01	37.50615,-122.40603	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP02	37.49912,-122.41517	8/14/2024	22.5	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP2A	37.49912,-122.41521	8/14/2024	37.7	N/A	N/A	N/A	N/A	N/A	N/A
OXSUMP2B	37.49913,-122.41523	8/14/2024	37.0	N/A	N/A	N/A	N/A	N/A	N/A

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

ID - Identification

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

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Grid Number/Cover Penetration ID	Coordinates	Initial Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (>200 ppmv)
OXCP0029	37.49935,-122.41157	9/4/2024	274.1
OXCP0099	37.50057, -122.40755	8/28/2024	365.2
OXEW1603	37.50093,-122.41226	8/15/2024	292.0
OXEW1604	37.50027,-122.41275	8/15/2024	369.4
OXEW1804	37.50063,-122.41302	8/15/2024	348.0
OXEW2016	37.50063,-122.41247	8/15/2024	241.1
OXEW2017	37.50119,-122.41244	8/15/2024	366.6
OXEW2024	37.49939,-122.40976	9/4/2024	314.8
OXEW2025	37.50001,-122.41093	9/4/2024	257.1
OXEW2026	37.49994,-122.40976	9/4/2024	338.7
OXEW2104	37.49979,-122.40902	8/28/2024	258.7
OXEW2110R	37.49889, -122.41055	8/14/2024	253.3
OXEW2213	37.50029, -122.40881	8/28/2024	298.7
OXLCRS10	37.49933,-122.40824	8/28/2024	400.5
OXMEW189	37.49713,-122.41173	7/19/2024	255.6
OXMEW210	37.49631,-122.40870	8/14/2024	229.8
OXMEW300	37.49705,-122.40781	7/19/2024	206.5
OXMP EW44	37.50402,-122.41013	8/16/2024	397.5
OXCP0030	37.50014,-122.41021	9/5/2024	362.1
OXEW2105	37.50053,-122.41124	9/5/2024	285.4
95	37.49976,-122.41058	7/31/2024	234.0
132	37.4982,-122.41261	8/15/2024	200.0
77	37.49723,-122.40968	8/23/2024	310.2
167	37.49887,-122.40813	9/4/2024	234.8
167	37.49887,-122.40813	9/4/2024	204.5
167	37.49885,-122.40817	9/4/2024	228.5
168	37.49839,-122.40773	9/4/2024	438.9
168	37.49808,-122.40785	9/4/2024	425.8
45	37.50051,-122.40832	9/5/2024	319.9
45	37.50042,-122.40823	9/5/2024	210.3
58	37.50134,-122.40903	9/5/2024	420.8
58	37.50132,-122.40907	9/5/2024	261.4
58	37.50129,-122.40908	9/5/2024	253.6
58	37.50037,-122.40898	9/5/2024	243.5
66	37.50032,-122.40912	9/5/2024	289.4
66	37.50035,-122.40911	9/5/2024	230.3
66	37.50038,-122.40911	9/5/2024	298.9

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

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Grid Number/Cover Penetration ID	Coordinates	Initial Monitoring Event	
		Monitoring Date	CH <sub>4</sub> Concentration (>200 ppmv)
66	37.50041,-122.40912	9/5/2024	407.6
74	37.50148,-122.40974	9/6/2024	251.3
74	37.50138,-122.40975	9/6/2024	363.2
74	37.50124,-122.40956	9/6/2024	235.9
88	37.50107,-122.41023	9/6/2024	306.7
88	37.50106,-122.41025	9/6/2024	223.5
88	37.50106,-122.41025	9/6/2024	380.9
88	37.50104,-122.41023	9/6/2024	295.4
88	37.50102,-122.4104	9/6/2024	339.5
94	37.50089,-122.41059	9/6/2024	310.0
118	37.50036,-122.41205	9/7/2024	222.8
57	37.50177,-122.40902	9/11/2024	490.0
44	37.50287,-122.40836	9/11/2024	278.7
44	37.50287,-122.40836	9/11/2024	326.5
58	37.50045,-122.40907	9/12/2024	217.3
104	37.50312,-122.41138	9/12/2024	225.1
110	37.5029,-122.41172	9/12/2024	230.9

N/A - Not Applicable      ppmv - parts per million by volume

CH<sub>4</sub> - Methane

ID - Identification

**INTEGRATED MONITORING RESULTS**

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Initial 25 ppmv Exceedances and Re-Monitoring Log

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Grid Number	Initial Monitoring Event		Corrective Actions		1 <sup>st</sup> 10-Day Re-monitoring Event		2 <sup>nd</sup> 10-Day Re-monitoring Event		Comments
	Monitoring Date	CH <sub>4</sub> Concentration (>25 ppmv)	Repair Date	Repair Notes	Monitoring Date	CH <sub>4</sub> Concentration	Monitoring Date	CH <sub>4</sub> Concentration	
58	9/5/2024	41.9	9/6/2024	Increased vacuum in surrounding wells.	9/12/2024	23.2	N/A	N/A	N/A
66	9/5/2024	27.1	9/6/2024	Increased vacuum in surrounding wells.	9/12/2024	20.6	N/A	N/A	N/A

N/A - Not Applicable

ppmv - parts per million by volume

CH<sub>4</sub> - Methane

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Perimeter	8/22/2024	3.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 1	7/15/2024	0.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 2	7/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 3	7/15/2024	1.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 4	7/15/2024	0.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 5	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 6	7/15/2024	0.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 7	8/13/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 8	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 9	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 10	8/13/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 11	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 12	8/13/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 13	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 14	8/28/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 15	8/28/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 16	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 17	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 18	8/28/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 19	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 20	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 21	8/28/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 22	8/28/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 23	8/28/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 24	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 25	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 26	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 27	8/28/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 28	8/28/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 29	8/29/2024	10.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 30	9/11/2024	11.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 31	9/5/2024	9.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 32	7/30/2024	5.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 33	7/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 34	8/28/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 35	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 36	8/29/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 37	9/11/2024	7.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 38	9/5/2024	12.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 39	8/14/2024	8.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 40	7/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 41	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 42	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 43	8/29/2024	15.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 44	9/11/2024	14.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 45	9/5/2024	22.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 46	7/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 47	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 48	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 49	8/29/2024	5.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 50	9/11/2024	18.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 51	9/5/2024	11.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 52	8/14/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 53	7/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 54	7/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 55	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 56	8/29/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 57	9/11/2024	23.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 58	9/5/2024	41.9	Grid 58	9/12/2024	23.2	N/A	N/A	N/A
Grid 59	7/31/2024	5.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 60	7/31/2024	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 61	8/14/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 62	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 63	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 64	8/29/2024	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 65	9/11/2024	15.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 66	9/5/2024	27.1	Grid 66	9/12/2024	20.61884	N/A	N/A	N/A
Grid 67	7/31/2024	11.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 68	8/14/2024	2.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 69	8/23/2024	0.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 70	7/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 71	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 72	8/29/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 73	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 74	9/6/2024	22.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 75	7/31/2024	15.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 76	8/14/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 77	8/23/2024	6.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 78	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 79	8/29/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 80	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 81	9/6/2024	19.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 82	7/31/2024	15.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 83	8/14/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 84	8/23/2024	2.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 85	7/30/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 86	8/29/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 87	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 88	9/6/2024	24.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 89	7/31/2024	13.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 90	8/14/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 91	8/23/2024	0.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 92	8/29/2024	11.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 93	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 94	9/6/2024	21.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 95	7/31/2024	15.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 96	8/14/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 97	8/23/2024	0.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 98	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 99	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 100	9/7/2024	14.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 101	7/31/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 102	8/14/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 103	8/27/2024	0.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 104	9/12/2024	10.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 105	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 106	9/7/2024	18.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 107	7/31/2024	8.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 108	8/14/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 109	8/27/2024	1.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 110	9/12/2024	11.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 111	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 112	9/7/2024	11.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 113	7/31/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 114	8/14/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 115	8/27/2024	0.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 116	9/12/2024	3.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 117	9/22/2024	10.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 118	9/7/2024	22.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 119	8/8/2024	4.0	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 120	8/15/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 121	7/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 122	9/12/2024	4.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 123	9/22/2024	9.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 124	9/7/2024	12.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 125	8/8/2024	6.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 126	8/15/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 127	7/15/2024	0.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 128	9/12/2024	5.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 129	9/22/2024	0.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 130	9/7/2024	2.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 131	8/8/2024	3.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 132	8/15/2024	7.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 133	7/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 134	9/22/2024	1.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 135	9/7/2024	0.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 136	8/8/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 137	8/15/2024	1.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 138	7/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 139	9/22/2024	4.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 140	9/7/2024	0.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 141	9/21/2024	3.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 142	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 143	7/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 144	9/22/2024	4.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 145	9/22/2024	9.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 146	9/21/2024	3.4	N/A	N/A	N/A	N/A	N/A	N/A
Grid 147	8/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 148	7/15/2024	0.1	N/A	N/A	N/A	N/A	N/A	N/A

## Ox Mountain Landfill Integrated Surface Emissions Monitoring Log

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

Quarter: 3rd 2024

Instrument(s): Inficon Irwin

Initial Monitoring Event			1 <sup>st</sup> 10-Day Re-monitoring Event			2 <sup>nd</sup> 10-Day Re-monitoring Event		
Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)	Grid Number	Monitoring Date	Average CH4 (ppmv)
Grid 149	9/22/2024	2.7	N/A	N/A	N/A	N/A	N/A	N/A
Grid 150	9/22/2024	10.8	N/A	N/A	N/A	N/A	N/A	N/A
Grid 151	9/21/2024	0.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 152	9/21/2024	0.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 153	7/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 154	9/22/2024	0.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 155	9/11/2024	0.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 156	9/11/2024	0.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 157	8/27/2024	0.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 158	7/15/2024	0.0	N/A	N/A	N/A	N/A	N/A	N/A
Grid 159	9/11/2024	1.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 160	9/11/2024	0.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 161	8/27/2024	0.1	N/A	N/A	N/A	N/A	N/A	N/A
Grid 162	*	*	N/A	N/A	N/A	N/A	N/A	N/A
Grid 163	9/11/2024	13.5	N/A	N/A	N/A	N/A	N/A	N/A
Grid 164	9/11/2024	12.3	N/A	N/A	N/A	N/A	N/A	N/A
Grid 165	9/12/2024	6.2	N/A	N/A	N/A	N/A	N/A	N/A
Grid 166	9/11/2024	8.9	N/A	N/A	N/A	N/A	N/A	N/A
Grid 167	9/4/2024	17.6	N/A	N/A	N/A	N/A	N/A	N/A
Grid 168	9/4/2024	11.6	N/A	N/A	N/A	N/A	N/A	N/A

N/A - Not Applicable    ppmv - parts per million by volume

CH<sub>4</sub> - Methane

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

## APPENDIX D

### CALIBRATION LOGS

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

LANDFILL NAME: Ox Mountain

DATE: 7/15/2024

TIME: 10:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 497 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Brian Song

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

Zero Gas Serial Number: 21-8129

Span Gas Serial Number: 304-403009879-1

Zero Gas Expiration Date: 08/25/2025

Span Gas Expiration Date: 04/01/28

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 7/15/2024

TIME: 10:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Brian Song

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 7/15/2024

TIME: 10:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

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

Stable instrument reading: 496 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Brian Song

LANDFILL NAME: Ox Mountain

DATE: 7/15/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:23 AM	Time:	3:01 PM
Temperature:	57 °F	Temperature:	N/A °F
Barometer:	30.08 " Hg	Barometer:	N/A " Hg
Humidity:	91 %	Humidity:	N/A %
Wind Speed:	4 mph	Wind Speed:	N/A mph
Wind Direction:	SE °	Wind Direction:	N/A °

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

LANDFILL NAME: Ox Mountain

DATE: 7/19/2024

TIME: 8:53 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 500 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 499 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 499 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +0%

PERFORMED BY: Brian Song

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

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>304-403009879-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>04/01/28</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 7/19/2024

TIME: 8:53 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 500 ppm

90% of the Stabilized Reading: 450 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 499 ppm

90% of the Stabilized Reading: 449 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 499 ppm

90% of the Stabilized Reading: 449 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Brian Song

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 7/19/2024

TIME: 8:53 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 500 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 499 ppm

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

Stable instrument reading: 499 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 4 ppm (2)

Calculate Background Value:

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

Background = 2 ppm

PERFORMED BY: Brian Song

LANDFILL NAME: Ox Mountain

DATE: 7/19/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather -Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:53 AM	Time:	2:49 PM
Temperature:	56 °F	Temperature:	73 °F
Barometer:	30.01 " Hg	Barometer:	29.99 " Hg
Humidity:	91 %	Humidity:	57 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	W °	Wind Direction:	E °

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

LANDFILL NAME: Ox Mountain

DATE: 7/30/2024

TIME: 11:20 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 493 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 492 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 492 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-40234461-1  
Zero Gas Expiration Date: 08-25-2025 Span Gas Expiration Date: 02\11\25

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 7/30/2024

TIME: 11:20 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 493 ppm  
90% of the Stabilized Reading: 443 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 7/30/2024

TIME: 11:20 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 493 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 492 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm

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

Stable instrument reading: 492 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 7/30/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	11:20 AM	Time:	2:16 PM
Temperature:	59 °F	Temperature:	67 °F
Barometer:	29.93 " Hg	Barometer:	30.01 " Hg
Humidity:	91 %	Humidity:	81 %
Wind Speed:	6 mph	Wind Speed:	7 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 7/31/2024

TIME: 8:33 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 490 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 494 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 493 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-40234461-1  
Zero Gas Expiration Date: 08-25-2025 Span Gas Expiration Date: 02\11\25

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 7/31/2024

TIME: 8:33 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 490 ppm

90% of the Stabilized Reading: 441 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 494 ppm

90% of the Stabilized Reading: 444 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 493 ppm

90% of the Stabilized Reading: 443 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 7/31/2024

TIME: 8:33 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 490 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 493 ppm

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

Stable instrument reading: 492 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 7/31/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:33 AM	Time:	1:55 PM
Temperature:	56 °F	Temperature:	66 °F
Barometer:	29.97 " Hg	Barometer:	29.96 " Hg
Humidity:	61 %	Humidity:	77 %
Wind Speed:	3 mph	Wind Speed:	7 mph
Wind Direction:	SW °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 8/8/2024

TIME: 7:48 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 499 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 499 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 492 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-40234461-1  
Zero Gas Expiration Date: 08-25-2025 Span Gas Expiration Date: 02\11\25

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 8/8/2024

TIME: 7:48 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 499 ppm  
90% of the Stabilized Reading: 449 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 499 ppm  
90% of the Stabilized Reading: 449 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 8/8/2024

TIME: 7:48 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm

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

Stable instrument reading: 496 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 8/8/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:48 AM	Time:	12:27 PM
Temperature:	54 °F	Temperature:	62 °F
Barometer:	29.96 " Hg	Barometer:	29.97 " Hg
Humidity:	100 %	Humidity:	80 %
Wind Speed:	4 mph	Wind Speed:	6 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 8/13/2024

TIME: 11:19 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 493 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 491 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 492 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-40234461-1  
Zero Gas Expiration Date: 08-25-2025 Span Gas Expiration Date: 02\11\25

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 8/13/2024

TIME: 11:19 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 493 ppm  
90% of the Stabilized Reading: 443 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 8 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 491 ppm  
90% of the Stabilized Reading: 441 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

#### CALCULATE RESPONSE TIME:

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

= 7 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 8/13/2024

TIME: 11:19 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 493 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 491 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 492 ppm

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

Stable instrument reading: 492 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 8/13/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	11:19 AM	Time:	3:04 PM
Temperature:	59 °F	Temperature:	60 °F
Barometer:	30.01 " Hg	Barometer:	30.01 " Hg
Humidity:	74 %	Humidity:	68 %
Wind Speed:	8 mph	Wind Speed:	8 mph
Wind Direction:	SW °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 8/14/2024

TIME: 8:03 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 494 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 494 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-40234461-1  
Zero Gas Expiration Date: 08-25-2025 Span Gas Expiration Date: 02\11\25

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 8/14/2024

TIME: 8:03 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 8/14/2024

TIME: 8:03 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm

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

Stable instrument reading: 494 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 8/14/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:03 AM	Time:	1:35 PM
Temperature:	54 °F	Temperature:	65 °F
Barometer:	30.03 " Hg	Barometer:	30.07 " Hg
Humidity:	98 %	Humidity:	70 %
Wind Speed:	6 mph	Wind Speed:	9 mph
Wind Direction:	SW °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 8/14/2024

TIME: 10:57 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 497 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 495 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number:	<u>21-8129</u>	Span Gas Serial Number:	<u>304-403009879-1</u>
Zero Gas Expiration Date:	<u>08/25/2025</u>	Span Gas Expiration Date:	<u>04/01/28</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 8/14/2024

TIME: 10:57 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 8/14/2024

TIME: 10:57 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm

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

Stable instrument reading: 496 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 2 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 1 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 8/14/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:57 AM	Time:	1:31 PM
Temperature:	60 °F	Temperature:	65 °F
Barometer:	30.07 " Hg	Barometer:	30.08 " Hg
Humidity:	87 %	Humidity:	77 %
Wind Speed:	3 mph	Wind Speed:	4 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 8/15/2024

TIME: 10:32 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 493 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 498 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-40234461-1  
Zero Gas Expiration Date: 08-25-2025 Span Gas Expiration Date: 02\11\25

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 8/15/2024

TIME: 10:32 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 493 ppm

90% of the Stabilized Reading: 443 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 498 ppm

90% of the Stabilized Reading: 448 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 8/15/2024

TIME: 10:32 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 493 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm

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

Stable instrument reading: 495 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 8/15/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:32 AM	Time:	1:05 PM
Temperature:	59 °F	Temperature:	63 °F
Barometer:	30.04 " Hg	Barometer:	30.07 " Hg
Humidity:	84 %	Humidity:	74 %
Wind Speed:	8 mph	Wind Speed:	10 mph
Wind Direction:	NW °	Wind Direction:	NW °

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

LANDFILL NAME: Ox Mountain

DATE: 8/15/2024

TIME: 10:53 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92002785

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 492 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 493 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-403009879-1
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 04/01/28

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 8/15/2024

TIME: 10:53 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 492 ppm  
90% of the Stabilized Reading: 442 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 493 ppm  
90% of the Stabilized Reading: 443 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 8/15/2024

TIME: 10:53 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92002785

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 492 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 493 ppm

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

Stable instrument reading: 493 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 8/15/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:53 AM	Time:	1:15 PM
Temperature:	61 °F	Temperature:	65 °F
Barometer:	30.07 " Hg	Barometer:	30.07 " Hg
Humidity:	81 %	Humidity:	74 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 8/16/2024

TIME: 10:34 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 499 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 500 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 499 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +0%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>304-403009879-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>04/01/28</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 8/16/2024

TIME: 10:34 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 499 ppm

90% of the Stabilized Reading: 449 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 500 ppm

90% of the Stabilized Reading: 450 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 499 ppm

90% of the Stabilized Reading: 449 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 8/16/2024

TIME: 10:34 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 500 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 499 ppm

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

Stable instrument reading: 499 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 8/16/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:34 AM	Time:	1:50 PM
Temperature:	61 °F	Temperature:	67 °F
Barometer:	29.98 " Hg	Barometer:	29.97 " Hg
Humidity:	83 %	Humidity:	70 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 8/22/2024

TIME: 10:09 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 494 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>304-403009879-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>04/01/28</u>

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 8/22/2024

TIME: 10:09 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 8/22/2024

TIME: 10:09 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

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

Stable instrument reading: 495 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 8/22/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:09 AM	Time:	1:00 PM
Temperature:	61 °F	Temperature:	65 °F
Barometer:	30.00 " Hg	Barometer:	30.00 " Hg
Humidity:	88 %	Humidity:	77 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 8/23/2024

TIME: 10:45 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 495 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-403009879-1
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 04/01/28

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 8/23/2024

TIME: 10:45 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 8/23/2024

TIME: 10:45 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm

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

Stable instrument reading: 495 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 2 ppm (2)

Calculate Background Value:

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

Background = 1 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 8/23/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:45 AM	Time:	1:09 PM
Temperature:	64 °F	Temperature:	67 °F
Barometer:	30.04 " Hg	Barometer:	30.04 " Hg
Humidity:	76 %	Humidity:	74 %
Wind Speed:	3 mph	Wind Speed:	5 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 8/27/2024

TIME: 10:18 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-403009879-1
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 04/01/28

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 8/27/2024

TIME: 10:18 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 495 ppm

90% of the Stabilized Reading: 445 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 8/27/2024

TIME: 10:18 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

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

Stable instrument reading: 495 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 2 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 1 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 8/27/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:18 AM	Time:	1:40 PM
Temperature:	63 °F	Temperature:	71 °F
Barometer:	30.01 " Hg	Barometer:	30.00 " Hg
Humidity:	81 %	Humidity:	67 %
Wind Speed:	2 mph	Wind Speed:	4 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 8/28/2024

TIME: 7:09 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 499 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 498 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-40234461-1  
Zero Gas Expiration Date: 08-25-2025 Span Gas Expiration Date: 02\11\25

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 8/28/2024

TIME: 7:09 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 ppm  
90% of the Stabilized Reading: 449 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (2)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (3)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 8/28/2024

TIME: 7:09 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 498 ppm

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

Stable instrument reading: 497 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 8/28/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:09 AM	Time:	11:45 AM
Temperature:	55 °F	Temperature:	67 °F
Barometer:	29.94 " Hg	Barometer:	29.96 " Hg
Humidity:	98 %	Humidity:	72 %
Wind Speed:	3 mph	Wind Speed:	6 mph
Wind Direction:	S °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 8/28/2024

TIME: 12:35 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 498 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129

Span Gas Serial Number: 304-403009879-1

Zero Gas Expiration Date: 08/25/2025

Span Gas Expiration Date: 04/01/28

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 8/28/2024

TIME: 12:35 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 8/28/2024

TIME: 12:35 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

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

Stable instrument reading: 497 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 2 ppm (2)

Calculate Background Value:

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

Background = 1 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 8/28/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	12:35 PM	Time:	3:30 PM
Temperature:	68 °F	Temperature:	69 °F
Barometer:	29.95 " Hg	Barometer:	29.94 " Hg
Humidity:	71 %	Humidity:	73 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	W °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 8/29/2024

TIME: 7:22 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (7) (check cal. gas cert. - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 498 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

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

PERFORMED BY: Lusi Naivalurua

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

Zero Gas Serial Number: 21-8129      Span Gas Serial Number: 304-40234461-1  
Zero Gas Expiration Date: 08-25-2025      Span Gas Expiration Date: 02\11\25

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 8/29/2024

TIME: 7:22 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 8 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 498 ppm  
90% of the Stabilized Reading: 448 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (2)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (3)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Lusi Naivalurua

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 8/29/2024

TIME: 7:22 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 498 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

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

Stable instrument reading: 496 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Lusi Naivalurua

LANDFILL NAME: Ox Mountain

DATE: 8/29/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple Weather</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	7:22 AM	Time:	2:01 PM
Temperature:	57 °F	Temperature:	66 °F
Barometer:	29.99 " Hg	Barometer:	30.01 " Hg
Humidity:	97 %	Humidity:	74 %
Wind Speed:	4 mph	Wind Speed:	8 mph
Wind Direction:	S °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 9/4/2024

TIME: 1:03 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 497 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 497 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 497 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>304-403009879-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>04/01/28</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 9/4/2024

TIME: 1:03 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 9/4/2024

TIME: 1:03 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 497 ppm

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

Stable instrument reading: 496 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 9/4/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	1:03 PM	Time:	3:07 PM
Temperature:	70 °F	Temperature:	70 °F
Barometer:	29.99 " Hg	Barometer:	29.98 " Hg
Humidity:	68 %	Humidity:	70 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 9/5/2024

TIME: 11:50 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 1 ppm (3)

Meter Reading for Calibration Gas: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 495 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-403009879-1
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 04/01/28

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 9/5/2024

TIME: 11:50 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 9/5/2024

TIME: 11:50 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm

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

Stable instrument reading: 495 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 2 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 1 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 9/5/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	11:50 AM	Time:	2:20 PM
Temperature:	67 °F	Temperature:	71 °F
Barometer:	30.05 " Hg	Barometer:	30.02 " Hg
Humidity:	75 %	Humidity:	67 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	W °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 9/6/2024

TIME: 12:36 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 494 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 494 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129

Span Gas Serial Number: 304-403009879-1

Zero Gas Expiration Date: 08/25/2025

Span Gas Expiration Date: 04/01/28

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 9/6/2024

TIME: 12:36 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 9/6/2024

TIME: 12:36 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm

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

Stable instrument reading: 494 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 3 ppm (2)

Calculate Background Value:

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

Background = 1 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 9/6/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	12:36 PM	Time:	2:19 PM
Temperature:	67 °F	Temperature:	69 °F
Barometer:	30.01 " Hg	Barometer:	29.99 " Hg
Humidity:	71 %	Humidity:	68 %
Wind Speed:	4 mph	Wind Speed:	5 mph
Wind Direction:	NW °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 9/7/2024

TIME: 9:00 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 494 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 494 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: <u>21-8129</u>	Span Gas Serial Number: <u>304-403009879-1</u>
Zero Gas Expiration Date: <u>08/25/2025</u>	Span Gas Expiration Date: <u>04/01/28</u>

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 9/7/2024

TIME: 9:00 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 9/7/2024

TIME: 9:00 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm

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

Stable instrument reading: 494 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 9/7/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:00 AM	Time:	12:09 PM
Temperature:	57 °F	Temperature:	66 °F
Barometer:	29.94 " Hg	Barometer:	29.94 " Hg
Humidity:	91 %	Humidity:	76 %
Wind Speed:	3 mph	Wind Speed:	4 mph
Wind Direction:	NW °	Wind Direction:	W °

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

LANDFILL NAME: Ox Mountain

DATE: 9/11/2024

TIME: 9:03 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 498 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129 Span Gas Serial Number: 304-403009879-1  
Zero Gas Expiration Date: 08/25/2025 Span Gas Expiration Date: 04/01/28

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 9/11/2024

TIME: 9:03 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 498 ppm

90% of the Stabilized Reading: 448 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 9/11/2024

TIME: 9:03 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 498 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

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

Stable instrument reading: 496 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 9/11/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:03 AM	Time:	12:56 PM
Temperature:	58 °F	Temperature:	65 °F
Barometer:	29.91 " Hg	Barometer:	29.90 " Hg
Humidity:	79 %	Humidity:	66 %
Wind Speed:	5 mph	Wind Speed:	6 mph
Wind Direction:	NW °	Wind Direction:	NW °

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

LANDFILL NAME: Ox Mountain

DATE: 9/12/2024

TIME: 9:19 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 499 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 499 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 499 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +0%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-403009879-1
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 04/01/28

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 9/12/2024

TIME: 9:19 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 499 ppm  
90% of the Stabilized Reading: 449 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 5 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 499 ppm  
90% of the Stabilized Reading: 449 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 499 ppm  
90% of the Stabilized Reading: 449 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 5 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 9/12/2024

TIME: 9:19 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 499 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 499 ppm

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

Stable instrument reading: 499 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 1 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 1 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 9/12/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:19 AM	Time:	1:27 PM
Temperature:	58 °F	Temperature:	67 °F
Barometer:	29.86 " Hg	Barometer:	29.83 " Hg
Humidity:	89 %	Humidity:	69 %
Wind Speed:	1 mph	Wind Speed:	5 mph
Wind Direction:	NW °	Wind Direction:	NW °

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

LANDFILL NAME: Ox Mountain

DATE: 9/17/2024

TIME: 9:21 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 496 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 495 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt bowman

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

Zero Gas Serial Number: 21-8129	Span Gas Serial Number: 304-403009879-1
Zero Gas Expiration Date: 08/25/2025	Span Gas Expiration Date: 04/01/28

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 9/17/2024

TIME: 9:21 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 495 ppm

90% of the Stabilized Reading: 445 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 496 ppm

90% of the Stabilized Reading: 446 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 495 ppm

90% of the Stabilized Reading: 445 ppm

Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 9/17/2024

TIME: 9:21 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 495 ppm

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

Stable instrument reading: 495 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt bowman

LANDFILL NAME: Ox Mountain

DATE: 9/17/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	9:21 AM	Time:	2:12 PM
Temperature:	58 °F	Temperature:	63 °F
Barometer:	30.01 " Hg	Barometer:	30.01 " Hg
Humidity:	92 %	Humidity:	79 %
Wind Speed:	4 mph	Wind Speed:	4 mph
Wind Direction:	SW °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 9/21/2024

TIME: 8:56 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 496 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 497 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 496 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 304-403124939 Span Gas Serial Number: 304-403035450-1  
Zero Gas Expiration Date: 08/19/2028 Span Gas Expiration Date: 08/19/2028

**PART 2**

**RESPONSE TIME TEST RECORD**

LANDFILL NAME: Ox Mountain

DATE: 9/21/2024

TIME: 8:56 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**MEASUREMENT #1:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #2:**

Stabilized Reading Using Calibration Gas: 497 ppm  
90% of the Stabilized Reading: 447 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**MEASUREMENT #3:**

Stabilized Reading Using Calibration Gas: 496 ppm  
90% of the Stabilized Reading: 446 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

**CALCULATE RESPONSE TIME:**

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 9/21/2024

TIME: 8:56 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 496 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 497 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 496 ppm

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

Stable instrument reading: 496 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 0 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 9/21/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:56 AM	Time:	12:26 PM
Temperature:	56 °F	Temperature:	65 °F
Barometer:	29.91 " Hg	Barometer:	29.92 " Hg
Humidity:	93 %	Humidity:	74 %
Wind Speed:	3 mph	Wind Speed:	5 mph
Wind Direction:	S °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 9/22/2024

TIME: 8:50 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 495 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 494 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 304-403124939 Span Gas Serial Number: 304-403035450-1  
Zero Gas Expiration Date: 08/19/2028 Span Gas Expiration Date: 08/19/2028

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 9/22/2024

TIME: 8:50 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

**PART 3**

**STABILIZED READING AND BACKGROUND DETERMINATION**

LANDFILL NAME: Ox Mountain

DATE: 9/22/2024

TIME: 8:50 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

**Stabilized Reading Determination Procedure**

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm

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

Stable instrument reading: 494 ppm

**Background Determination Procedure**

1. Upwind Reading (highest in 30 seconds): 0 ppm (1)

2. Downwind Reading (highest in 30 seconds): 1 ppm (2)

Calculate Background Value:

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

Background = 1 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 9/22/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	8:50 AM	Time:	11:24 AM
Temperature:	57 °F	Temperature:	65 °F
Barometer:	29.96 " Hg	Barometer:	29.96 " Hg
Humidity:	92 %	Humidity:	75 %
Wind Speed:	2 mph	Wind Speed:	3 mph
Wind Direction:	SE °	Wind Direction:	SW °

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

LANDFILL NAME: Ox Mountain

DATE: 9/27/2024

TIME: 10:23 AM  PM

INSTRUMENT MAKE: Inficon MODEL: IRwin S/N: 92004293

CALIBRATION GAS STANDARD: 500 ppm (check cal. gas certification - should be 500 ppm)

**MEASUREMENT #1:**

Meter Reading for Zero Air: 0 ppm (1)

Meter Reading for Calibration Gas: 495 ppm (2)

**MEASUREMENT #2:**

Meter Reading for Zero Air: 0 ppm (3)

Meter Reading for Calibration Gas: 494 ppm (4)

**MEASUREMENT #3:**

Meter Reading for Zero Air: 0 ppm (5)

Meter Reading for Calibration Gas: 494 ppm (6)

**CALCULATE PRECISION:**

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \times \frac{1}{500} \times \frac{100}{1}$$
$$= +1\%$$

PERFORMED BY: Matt Bowman

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

Zero Gas Serial Number: 304-403124939 Span Gas Serial Number: 304-403035450-1  
Zero Gas Expiration Date: 08/19/2028 Span Gas Expiration Date: 08/19/2028

## PART 2

### RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 9/27/2024

TIME: 10:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm  
90% of the Stabilized Reading: 445 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 7 seconds (1)

#### MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm  
90% of the Stabilized Reading: 444 ppm  
Time to reach 90% of Stabilized Reading  
After Switching from Zero Air to  
Calibration Gas: 6 seconds (1)

#### CALCULATE RESPONSE TIME:

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

= 6 SECONDS (MUST BE LESS THAN 30 SECONDS)

PERFORMED BY: Matt Bowman

### PART 3

#### STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 9/27/2024

TIME: 10:23 AM  PM

INSTRUMENT MAKE: Inficon

MODEL: IRwin

S/N: 92004293

#### Stabilized Reading Determination Procedure

Calibration gas standard: 500 ppm

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas: 495 ppm

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas: 494 ppm

MEASUREMENT #3:

Stabilized Reading Using Calibration Gas: 494 ppm

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

Stable instrument reading: 494 ppm

#### Background Determination Procedure

1. Upwind Reading (highest in 30 seconds): 3 ppm (1)

2. Downwind Reading (highest in 30 seconds): 0 ppm (2)

Calculate Background Value:

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

Background = 1 ppm

PERFORMED BY: Matt Bowman

LANDFILL NAME: Ox Mountain

DATE: 9/27/2024

### Site Information

Section 1 - Weather Data			
<b>Weather Recorded From:</b> <input type="checkbox"/> On-Site Weather Station <input type="checkbox"/> Portable Device <input checked="" type="checkbox"/> Other <i>If "OTHER", describe device utilized for the collection of weather information below.</i>			
<b>Apple weather Half Moon Bay</b>			
Beginning of Monitoring Event		End of Monitoring Event	
Time:	10:23 AM	Time:	11:44 AM
Temperature:	64 °F	Temperature:	65 °F
Barometer:	29.89 " Hg	Barometer:	29.89 " Hg
Humidity:	75 %	Humidity:	74 %
Wind Speed:	2 mph	Wind Speed:	2 mph
Wind Direction:	W °	Wind Direction:	W °

## APPENDIX E

### WEATHER DATA

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/15/2024 6:00	59.0	4.0	9.0	E	0.0
7/15/2024 6:05	59.0	4.0	7.0	ESE	0.0
7/15/2024 6:10	59.0	4.0	8.0	ESE	0.0
7/15/2024 6:15	59.0	3.0	6.0	E	0.0
7/15/2024 6:20	59.0	3.0	6.0	ESE	0.0
7/15/2024 6:25	59.0	2.0	6.0	E	0.0
7/15/2024 6:30	59.0	3.0	6.0	E	0.0
7/15/2024 6:35	59.0	2.0	5.0	ESE	0.0
7/15/2024 6:40	59.0	3.0	7.0	ENE	0.0
7/15/2024 6:45	59.0	4.0	7.0	ESE	0.0
7/15/2024 6:50	59.0	4.0	9.0	E	0.0
7/15/2024 6:55	59.0	4.0	10.0	E	0.0
7/15/2024 7:00	59.0	3.0	5.0	SE	0.0
7/15/2024 7:05	59.0	3.0	6.0	E	0.0
7/15/2024 7:10	59.0	3.0	5.0	ESE	0.0
7/15/2024 7:15	59.0	3.0	7.0	ESE	0.0
7/15/2024 7:20	59.0	3.0	8.0	E	0.0
7/15/2024 7:25	59.0	4.0	8.0	E	0.0
7/15/2024 7:30	59.0	5.0	9.0	ESE	0.0
7/15/2024 7:35	59.0	4.0	6.0	E	0.0
7/15/2024 7:40	59.0	5.0	8.0	E	0.0
7/15/2024 7:45	59.0	4.0	8.0	E	0.0
7/15/2024 7:50	59.0	5.0	10.0	ESE	0.0
7/15/2024 7:55	59.0	4.0	10.0	ESE	0.0
7/15/2024 8:00	59.0	4.0	9.0	E	0.0
7/15/2024 8:05	59.0	5.0	10.0	E	0.0
7/15/2024 8:10	59.0	5.0	10.0	ESE	0.0
7/15/2024 8:15	59.0	5.0	9.0	E	0.0
7/15/2024 8:20	59.0	3.0	7.0	E	0.0
7/15/2024 8:25	60.0	2.0	6.0	E	0.0
7/15/2024 8:30	60.0	5.0	9.0	E	0.0
7/15/2024 8:35	60.0	6.0	10.0	E	0.0
7/15/2024 8:40	60.0	2.0	6.0	E	0.0
7/15/2024 8:45	60.0	2.0	5.0	ESE	0.0
7/15/2024 8:50	60.0	4.0	8.0	E	0.0
7/15/2024 8:55	60.0	5.0	9.0	ESE	0.0
7/15/2024 9:00	60.0	4.0	8.0	ESE	0.0
7/15/2024 9:05	60.0	3.0	8.0	E	0.0
7/15/2024 9:10	60.0	3.0	8.0	ESE	0.0
7/15/2024 9:15	60.0	3.0	8.0	E	0.0
7/15/2024 9:20	60.0	5.0	9.0	E	0.0
7/15/2024 9:25	60.0	3.0	8.0	ESE	0.0
7/15/2024 9:30	60.0	5.0	9.0	E	0.0
7/15/2024 9:35	60.0	2.0	5.0	S	0.0
7/15/2024 9:40	61.0	5.0	8.0	ESE	0.0
7/15/2024 9:45	61.0	3.0	9.0	ESE	0.0
7/15/2024 9:50	61.0	3.0	7.0	E	0.0
7/15/2024 9:55	61.0	5.0	10.0	ENE	0.0
7/15/2024 10:00	61.0	5.0	10.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/15/2024 10:05	61.0	5.0	8.0	SSE	0.0
7/15/2024 10:10	61.0	5.0	9.0	ESE	0.0
7/15/2024 10:15	61.0	6.0	10.0	E	0.0
7/15/2024 10:20	61.0	6.0	10.0	ESE	0.0
7/15/2024 10:25	61.0	5.0	10.0	ESE	0.0
7/15/2024 10:30	61.0	5.0	11.0	ESE	0.0
7/15/2024 10:35	61.0	5.0	10.0	E	0.0
7/15/2024 10:40	61.0	4.0	8.0	ESE	0.0
7/15/2024 10:45	61.0	6.0	14.0	E	0.0
7/15/2024 10:50	61.0	5.0	14.0	E	0.0
7/15/2024 10:55	62.0	6.0	13.0	E	0.0
7/15/2024 11:00	62.0	4.0	10.0	ENE	0.0
7/15/2024 11:05	62.0	5.0	13.0	E	0.0
7/15/2024 11:10	62.0	6.0	12.0	E	0.0
7/15/2024 11:15	62.0	6.0	12.0	ESE	0.0
7/15/2024 11:20	62.0	5.0	12.0	E	0.0
7/15/2024 11:25	62.0	3.0	7.0	ESE	0.0
7/15/2024 11:30	62.0	6.0	11.0	E	0.0
7/15/2024 11:35	62.0	6.0	11.0	ENE	0.0
7/15/2024 11:40	62.0	6.0	13.0	E	0.0
7/15/2024 11:45	63.0	6.0	13.0	E	0.0
7/15/2024 11:50	63.0	5.0	10.0	ESE	0.0
7/15/2024 11:55	63.0	6.0	11.0	SE	0.0
7/15/2024 12:00	63.0	6.0	14.0	E	0.0
7/15/2024 12:05	63.0	7.0	15.0	E	0.0
7/15/2024 12:10	63.0	9.0	13.0	ESE	0.0
7/15/2024 12:15	63.0	7.0	13.0	E	0.0
7/15/2024 12:20	63.0	6.0	13.0	ESE	0.0
7/15/2024 12:25	64.0	5.0	11.0	SE	0.0
7/15/2024 12:30	64.0	8.0	14.0	E	0.0
7/15/2024 12:35	64.0	5.0	10.0	SE	0.0
7/15/2024 12:40	64.0	5.0	11.0	NE	0.0
7/15/2024 12:45	64.0	5.0	14.0	SSW	0.0
7/15/2024 12:50	64.0	6.0	12.0	ENE	0.0
7/15/2024 12:55	64.0	6.0	13.0	E	0.0
7/15/2024 13:00	64.0	8.0	17.0	E	0.0
7/15/2024 13:05	64.0	6.0	11.0	SE	0.0
7/15/2024 13:10	64.0	7.0	14.0	ESE	0.0
7/15/2024 13:15	64.0	7.0	14.0	ESE	0.0
7/15/2024 13:20	64.0	7.0	13.0	E	0.0
7/15/2024 13:25	64.0	8.0	13.0	ESE	0.0
7/15/2024 13:30	64.0	9.0	17.0	E	0.0
7/15/2024 13:35	64.0	7.0	14.0	ESE	0.0
7/15/2024 13:40	65.0	7.0	14.0	ESE	0.0
7/15/2024 13:45	65.0	8.0	16.0	ESE	0.0
7/15/2024 13:50	65.0	7.0	11.0	SE	0.0
7/15/2024 13:55	65.0	8.0	14.0	E	0.0
7/15/2024 14:00	65.0	7.0	12.0	ESE	0.0
7/15/2024 14:05	65.0	8.0	12.0	SE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/15/2024 14:10	65.0	8.0	17.0	E	0.0
7/15/2024 14:15	65.0	7.0	13.0	E	0.0
7/15/2024 14:20	65.0	9.0	17.0	E	0.0
7/15/2024 14:25	65.0	7.0	14.0	E	0.0
7/15/2024 14:30	66.0	9.0	13.0	E	0.0
7/15/2024 14:35	65.0	8.0	14.0	E	0.0
7/15/2024 14:40	65.0	6.0	12.0	SSE	0.0
7/15/2024 14:45	66.0	6.0	13.0	S	0.0
7/15/2024 14:50	66.0	9.0	17.0	ESE	0.0
7/15/2024 14:55	66.0	8.0	14.0	ESE	0.0
7/15/2024 15:00	66.0	8.0	15.0	E	0.0
7/15/2024 15:05	66.0	8.0	14.0	E	0.0
7/15/2024 15:10	66.0	9.0	14.0	ESE	0.0
7/15/2024 15:15	66.0	8.0	19.0	E	0.0
7/15/2024 15:20	66.0	8.0	14.0	E	0.0
7/15/2024 15:25	66.0	7.0	17.0	ESE	0.0
7/15/2024 15:30	66.0	9.0	17.0	ESE	0.0
7/15/2024 15:35	66.0	7.0	13.0	SE	0.0
7/15/2024 15:40	66.0	10.0	16.0	ESE	0.0
7/15/2024 15:45	66.0	8.0	14.0	E	0.0
7/15/2024 15:50	66.0	9.0	16.0	E	0.0
7/15/2024 15:55	66.0	10.0	18.0	E	0.0
7/15/2024 16:00	65.0	8.0	13.0	ESE	0.0
7/15/2024 16:05	66.0	9.0	15.0	ESE	0.0
7/15/2024 16:10	66.0	10.0	18.0	E	0.0
7/15/2024 16:15	66.0	9.0	17.0	SE	0.0
7/15/2024 16:20	66.0	8.0	15.0	E	0.0
7/15/2024 16:25	66.0	10.0	16.0	ESE	0.0
7/15/2024 16:30	66.0	8.0	16.0	E	0.0
7/15/2024 16:35	66.0	8.0	21.0	NE	0.0
7/15/2024 16:40	66.0	9.0	17.0	E	0.0
7/15/2024 16:45	66.0	8.0	17.0	ESE	0.0
7/15/2024 16:50	66.0	9.0	18.0	E	0.0
7/15/2024 16:55	66.0	7.0	18.0	E	0.0
7/15/2024 17:00	67.0	7.0	12.0	ESE	0.0
7/15/2024 17:05	67.0	10.0	21.0	ESE	0.0
7/15/2024 17:10	66.0	10.0	18.0	E	0.0
7/15/2024 17:15	66.0	10.0	20.0	SE	0.0
7/15/2024 17:20	66.0	10.0	18.0	E	0.0
7/15/2024 17:25	66.0	11.0	18.0	ESE	0.0
7/15/2024 17:30	66.0	7.0	16.0	ESE	0.0
7/15/2024 17:35	66.0	10.0	17.0	ENE	0.0
7/15/2024 17:40	66.0	8.0	17.0	ESE	0.0
7/15/2024 17:45	66.0	7.0	15.0	E	0.0
7/15/2024 17:50	66.0	10.0	19.0	E	0.0
7/15/2024 17:55	66.0	9.0	19.0	E	0.0
7/15/2024 18:00	66.0	9.0	16.0	ESE	0.0
7/19/2024 6:00	58.0	0.0	1.0	SW	0.0
7/19/2024 6:05	58.0	0.0	0.0		0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/19/2024 6:10	58.0	0.0	2.0	S	0.0
7/19/2024 6:15	58.0	1.0	3.0	S	0.0
7/19/2024 6:20	58.0	1.0	2.0	SSW	0.0
7/19/2024 6:25	58.0	0.0	0.0		0.0
7/19/2024 6:30	58.0	0.0	0.0		0.0
7/19/2024 6:35	58.0	0.0	0.0		0.0
7/19/2024 6:40	58.0	0.0	0.0		0.0
7/19/2024 6:45	58.0	0.0	0.0		0.0
7/19/2024 6:50	59.0	0.0	3.0	SSW	0.0
7/19/2024 6:55	59.0	0.0	2.0	SE	0.0
7/19/2024 7:00	59.0	0.0	1.0	SE	0.0
7/19/2024 7:05	60.0	0.0	2.0	WSW	0.0
7/19/2024 7:10	60.0	0.0	2.0	S	0.0
7/19/2024 7:15	60.0	0.0	0.0		0.0
7/19/2024 7:20	61.0	0.0	1.0	SSE	0.0
7/19/2024 7:25	61.0	0.0	2.0	SSW	0.0
7/19/2024 7:30	62.0	0.0	2.0	SW	0.0
7/19/2024 7:35	62.0	0.0	2.0	SW	0.0
7/19/2024 7:40	62.0	1.0	2.0	WSW	0.0
7/19/2024 7:45	62.0	0.0	1.0	SSW	0.0
7/19/2024 7:50	63.0	0.0	1.0	SSW	0.0
7/19/2024 7:55	63.0	0.0	1.0	SSW	0.0
7/19/2024 8:00	64.0	1.0	2.0	E	0.0
7/19/2024 8:05	65.0	0.0	2.0	E	0.0
7/19/2024 8:10	65.0	0.0	1.0	E	0.0
7/19/2024 8:15	66.0	0.0	2.0	E	0.0
7/19/2024 8:20	66.0	0.0	2.0	ESE	0.0
7/19/2024 8:25	67.0	0.0	1.0	E	0.0
7/19/2024 8:30	67.0	1.0	3.0	E	0.0
7/19/2024 8:35	67.0	1.0	3.0	NE	0.0
7/19/2024 8:40	66.0	1.0	3.0	ESE	0.0
7/19/2024 8:45	66.0	1.0	4.0	E	0.0
7/19/2024 8:50	66.0	1.0	2.0	ESE	0.0
7/19/2024 8:55	66.0	0.0	3.0	NNE	0.0
7/19/2024 9:00	67.0	1.0	3.0	NNE	0.0
7/19/2024 9:05	67.0	2.0	4.0	NNW	0.0
7/19/2024 9:10	68.0	0.0	3.0	ENE	0.0
7/19/2024 9:15	68.0	1.0	4.0	ENE	0.0
7/19/2024 9:20	68.0	3.0	6.0	E	0.0
7/19/2024 9:25	68.0	2.0	4.0	E	0.0
7/19/2024 9:30	68.0	2.0	5.0	NE	0.0
7/19/2024 9:35	68.0	2.0	4.0	SE	0.0
7/19/2024 9:40	68.0	3.0	6.0	ESE	0.0
7/19/2024 9:45	67.0	3.0	7.0	ESE	0.0
7/19/2024 9:50	67.0	2.0	4.0	SE	0.0
7/19/2024 9:55	67.0	2.0	6.0	E	0.0
7/19/2024 10:00	67.0	3.0	4.0	E	0.0
7/19/2024 10:05	68.0	2.0	5.0	NNE	0.0
7/19/2024 10:10	68.0	3.0	6.0	N	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/19/2024 10:15	69.0	2.0	5.0	NE	0.0
7/19/2024 10:20	69.0	3.0	4.0	ENE	0.0
7/19/2024 10:25	69.0	3.0	4.0	ESE	0.0
7/19/2024 10:30	69.0	3.0	7.0	E	0.0
7/19/2024 10:35	69.0	4.0	6.0	E	0.0
7/19/2024 10:40	69.0	3.0	7.0	E	0.0
7/19/2024 10:45	69.0	2.0	4.0	E	0.0
7/19/2024 10:50	70.0	2.0	6.0	E	0.0
7/19/2024 10:55	70.0	3.0	5.0	N	0.0
7/19/2024 11:00	70.0	3.0	6.0	N	0.0
7/19/2024 11:05	71.0	3.0	7.0	ENE	0.0
7/19/2024 11:10	71.0	3.0	6.0	E	0.0
7/19/2024 11:15	71.0	3.0	6.0	E	0.0
7/19/2024 11:20	71.0	3.0	6.0	E	0.0
7/19/2024 11:25	71.0	3.0	6.0	E	0.0
7/19/2024 11:30	71.0	4.0	7.0	E	0.0
7/19/2024 11:35	71.0	4.0	7.0	E	0.0
7/19/2024 11:40	71.0	5.0	7.0	E	0.0
7/19/2024 11:45	72.0	4.0	8.0	ESE	0.0
7/19/2024 11:50	72.0	3.0	6.0	E	0.0
7/19/2024 11:55	72.0	3.0	5.0	NE	0.0
7/19/2024 12:00	73.0	3.0	7.0	ENE	0.0
7/19/2024 12:05	74.0	4.0	7.0	E	0.0
7/19/2024 12:10	74.0	4.0	8.0	E	0.0
7/19/2024 12:15	74.0	4.0	7.0	E	0.0
7/19/2024 12:20	75.0	4.0	8.0	ESE	0.0
7/19/2024 12:25	75.0	5.0	8.0	ESE	0.0
7/19/2024 12:30	75.0	5.0	9.0	E	0.0
7/19/2024 12:35	76.0	5.0	9.0	ESE	0.0
7/19/2024 12:40	76.0	6.0	11.0	ESE	0.0
7/19/2024 12:45	76.0	6.0	9.0	ESE	0.0
7/19/2024 12:50	76.0	6.0	9.0	ESE	0.0
7/19/2024 12:55	77.0	5.0	8.0	ENE	0.0
7/19/2024 13:00	77.0	6.0	9.0	E	0.0
7/19/2024 13:05	78.0	6.0	10.0	E	0.0
7/19/2024 13:10	78.0	7.0	11.0	ESE	0.0
7/19/2024 13:15	78.0	7.0	12.0	ESE	0.0
7/19/2024 13:20	78.0	8.0	12.0	ESE	0.0
7/19/2024 13:25	78.0	7.0	11.0	E	0.0
7/19/2024 13:30	79.0	6.0	10.0	E	0.0
7/19/2024 13:35	80.0	4.0	8.0	E	0.0
7/19/2024 13:40	81.0	6.0	10.0	E	0.0
7/19/2024 13:45	81.0	6.0	11.0	ENE	0.0
7/19/2024 13:50	82.0	4.0	10.0	ENE	0.0
7/19/2024 13:55	82.0	5.0	9.0	SE	0.0
7/19/2024 14:00	83.0	6.0	12.0	E	0.0
7/19/2024 14:05	83.0	7.0	12.0	ESE	0.0
7/19/2024 14:10	83.0	6.0	13.0	ESE	0.0
7/19/2024 14:15	83.0	5.0	10.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/19/2024 14:20	83.0	7.0	11.0	SE	0.0
7/19/2024 14:25	82.0	9.0	14.0	E	0.0
7/19/2024 14:30	82.0	9.0	16.0	E	0.0
7/19/2024 14:35	82.0	11.0	15.0	E	0.0
7/19/2024 14:40	81.0	8.0	13.0	E	0.0
7/19/2024 14:45	81.0	10.0	15.0	E	0.0
7/19/2024 14:50	80.0	10.0	15.0	E	0.0
7/19/2024 14:55	80.0	8.0	12.0	SE	0.0
7/19/2024 15:00	80.0	10.0	14.0	E	0.0
7/19/2024 15:05	80.0	10.0	15.0	E	0.0
7/19/2024 15:10	79.0	9.0	14.0	E	0.0
7/19/2024 15:15	79.0	10.0	15.0	ESE	0.0
7/19/2024 15:20	79.0	11.0	15.0	E	0.0
7/19/2024 15:25	78.0	9.0	13.0	E	0.0
7/19/2024 15:30	78.0	9.0	14.0	E	0.0
7/19/2024 15:35	78.0	8.0	13.0	E	0.0
7/19/2024 15:40	78.0	8.0	14.0	ESE	0.0
7/19/2024 15:45	77.0	10.0	15.0	ENE	0.0
7/19/2024 15:50	77.0	8.0	13.0	E	0.0
7/19/2024 15:55	77.0	9.0	14.0	E	0.0
7/19/2024 16:00	78.0	8.0	13.0	ESE	0.0
7/19/2024 16:05	77.0	9.0	15.0	ESE	0.0
7/19/2024 16:10	77.0	9.0	13.0	E	0.0
7/19/2024 16:15	77.0	8.0	13.0	E	0.0
7/19/2024 16:20	77.0	7.0	12.0	ESE	0.0
7/19/2024 16:25	78.0	8.0	13.0	E	0.0
7/19/2024 16:30	77.0	8.0	12.0	E	0.0
7/19/2024 16:35	77.0	8.0	13.0	ENE	0.0
7/19/2024 16:40	77.0	9.0	14.0	E	0.0
7/19/2024 16:45	77.0	8.0	13.0	ESE	0.0
7/19/2024 16:50	77.0	9.0	14.0	E	0.0
7/19/2024 16:55	77.0	9.0	14.0	E	0.0
7/19/2024 17:00	77.0	8.0	13.0	E	0.0
7/19/2024 17:05	77.0	8.0	12.0	E	0.0
7/19/2024 17:10	77.0	7.0	13.0	ENE	0.0
7/19/2024 17:15	78.0	7.0	15.0	E	0.0
7/19/2024 17:20	77.0	8.0	15.0	ESE	0.0
7/19/2024 17:25	77.0	7.0	14.0	E	0.0
7/19/2024 17:30	77.0	6.0	11.0	ENE	0.0
7/19/2024 17:35	77.0	7.0	10.0	SE	0.0
7/19/2024 17:40	76.0	7.0	10.0	ENE	0.0
7/19/2024 17:45	76.0	7.0	10.0	E	0.0
7/19/2024 17:50	76.0	5.0	10.0	E	0.0
7/19/2024 17:55	76.0	6.0	10.0	E	0.0
7/19/2024 18:00	76.0	6.0	11.0	E	0.0
7/30/2024 6:00	60.0	3.0	5.0	ENE	0.0
7/30/2024 6:05	60.0	4.0	11.0	ENE	0.0
7/30/2024 6:10	60.0	5.0	9.0	NE	0.0
7/30/2024 6:15	60.0	4.0	8.0	ENE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/30/2024 6:20	60.0	4.0	10.0	ENE	0.0
7/30/2024 6:25	60.0	4.0	8.0	NE	0.0
7/30/2024 6:30	60.0	3.0	7.0	ENE	0.0
7/30/2024 6:35	60.0	5.0	9.0	E	0.0
7/30/2024 6:40	60.0	5.0	9.0	ESE	0.0
7/30/2024 6:45	60.0	5.0	8.0	E	0.0
7/30/2024 6:50	60.0	5.0	9.0	E	0.0
7/30/2024 6:55	60.0	4.0	7.0	E	0.0
7/30/2024 7:00	60.0	5.0	8.0	ESE	0.0
7/30/2024 7:05	60.0	4.0	8.0	ESE	0.0
7/30/2024 7:10	60.0	3.0	8.0	ENE	0.0
7/30/2024 7:15	60.0	5.0	10.0	E	0.0
7/30/2024 7:20	60.0	7.0	11.0	E	0.0
7/30/2024 7:25	60.0	6.0	11.0	E	0.0
7/30/2024 7:30	60.0	8.0	12.0	E	0.0
7/30/2024 7:35	60.0	7.0	11.0	E	0.0
7/30/2024 7:40	60.0	7.0	12.0	ESE	0.0
7/30/2024 7:45	60.0	6.0	11.0	E	0.0
7/30/2024 7:50	60.0	6.0	10.0	E	0.0
7/30/2024 7:55	60.0	6.0	10.0	ESE	0.0
7/30/2024 8:00	60.0	5.0	10.0	E	0.0
7/30/2024 8:05	60.0	3.0	6.0	E	0.0
7/30/2024 8:10	60.0	4.0	7.0	E	0.0
7/30/2024 8:15	60.0	3.0	6.0	E	0.0
7/30/2024 8:20	60.0	3.0	6.0	E	0.0
7/30/2024 8:25	60.0	2.0	6.0	E	0.0
7/30/2024 8:30	60.0	5.0	9.0	E	0.0
7/30/2024 8:35	60.0	6.0	10.0	E	0.0
7/30/2024 8:40	60.0	4.0	10.0	E	0.0
7/30/2024 8:45	61.0	3.0	7.0	E	0.0
7/30/2024 8:50	61.0	3.0	9.0	E	0.0
7/30/2024 8:55	61.0	4.0	9.0	ESE	0.0
7/30/2024 9:00	61.0	4.0	8.0	ENE	0.0
7/30/2024 9:05	61.0	5.0	9.0	E	0.0
7/30/2024 9:10	61.0	7.0	11.0	E	0.0
7/30/2024 9:15	61.0	6.0	10.0	S	0.0
7/30/2024 9:20	61.0	7.0	11.0	E	0.0
7/30/2024 9:25	61.0	6.0	9.0	SSE	0.0
7/30/2024 9:30	62.0	6.0	10.0	E	0.0
7/30/2024 9:35	62.0	6.0	10.0	E	0.0
7/30/2024 9:40	61.0	6.0	10.0	E	0.0
7/30/2024 9:45	62.0	5.0	9.0	S	0.0
7/30/2024 9:50	62.0	4.0	7.0	E	0.0
7/30/2024 9:55	62.0	4.0	8.0	ENE	0.0
7/30/2024 10:00	62.0	4.0	8.0	SE	0.0
7/30/2024 10:05	62.0	5.0	11.0	ENE	0.0
7/30/2024 10:10	62.0	4.0	10.0	E	0.0
7/30/2024 10:15	62.0	5.0	11.0	E	0.0
7/30/2024 10:20	62.0	4.0	9.0	S	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/30/2024 10:25	63.0	4.0	9.0	ENE	0.0
7/30/2024 10:30	63.0	4.0	8.0	ESE	0.0
7/30/2024 10:35	63.0	5.0	10.0	S	0.0
7/30/2024 10:40	63.0	6.0	10.0	ESE	0.0
7/30/2024 10:45	63.0	6.0	12.0	ENE	0.0
7/30/2024 10:50	63.0	6.0	11.0	ENE	0.0
7/30/2024 10:55	63.0	7.0	12.0	E	0.0
7/30/2024 11:00	63.0	5.0	10.0	ESE	0.0
7/30/2024 11:05	63.0	7.0	12.0	E	0.0
7/30/2024 11:10	63.0	7.0	11.0	E	0.0
7/30/2024 11:15	63.0	6.0	12.0	E	0.0
7/30/2024 11:20	64.0	6.0	12.0	S	0.0
7/30/2024 11:25	64.0	6.0	11.0	NE	0.0
7/30/2024 11:30	64.0	7.0	11.0	ESE	0.0
7/30/2024 11:35	64.0	5.0	9.0	S	0.0
7/30/2024 11:40	64.0	6.0	12.0	E	0.0
7/30/2024 11:45	64.0	4.0	11.0	E	0.0
7/30/2024 11:50	65.0	5.0	11.0	E	0.0
7/30/2024 11:55	65.0	5.0	9.0	E	0.0
7/30/2024 12:00	64.0	5.0	12.0	ESE	0.0
7/30/2024 12:05	64.0	7.0	13.0	E	0.0
7/30/2024 12:10	64.0	7.0	12.0	E	0.0
7/30/2024 12:15	64.0	5.0	10.0	E	0.0
7/30/2024 12:20	64.0	4.0	9.0	ENE	0.0
7/30/2024 12:25	65.0	5.0	10.0	ENE	0.0
7/30/2024 12:30	65.0	5.0	10.0	ESE	0.0
7/30/2024 12:35	65.0	5.0	9.0	ENE	0.0
7/30/2024 12:40	65.0	5.0	10.0	ESE	0.0
7/30/2024 12:45	65.0	6.0	10.0	E	0.0
7/30/2024 12:50	65.0	5.0	10.0	S	0.0
7/30/2024 12:55	65.0	6.0	11.0	S	0.0
7/30/2024 13:00	65.0	5.0	10.0	ENE	0.0
7/30/2024 13:05	65.0	5.0	10.0	E	0.0
7/30/2024 13:10	65.0	5.0	11.0	E	0.0
7/30/2024 13:15	66.0	5.0	10.0	ESE	0.0
7/30/2024 13:20	66.0	5.0	10.0	SE	0.0
7/30/2024 13:25	66.0	6.0	11.0	ESE	0.0
7/30/2024 13:30	66.0	7.0	12.0	E	0.0
7/30/2024 13:35	66.0	7.0	12.0	ESE	0.0
7/30/2024 13:40	66.0	6.0	11.0	E	0.0
7/30/2024 13:45	66.0	7.0	13.0	E	0.0
7/30/2024 13:50	66.0	7.0	13.0	ENE	0.0
7/30/2024 13:55	66.0	6.0	12.0	E	0.0
7/30/2024 14:00	66.0	6.0	12.0	E	0.0
7/30/2024 14:05	66.0	8.0	13.0	SE	0.0
7/30/2024 14:10	66.0	7.0	12.0	ESE	0.0
7/30/2024 14:15	66.0	7.0	12.0	E	0.0
7/30/2024 14:20	66.0	7.0	12.0	E	0.0
7/30/2024 14:25	66.0	7.0	12.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/30/2024 14:30	66.0	6.0	10.0	ESE	0.0
7/30/2024 14:35	67.0	7.0	13.0	NE	0.0
7/30/2024 14:40	67.0	6.0	12.0	E	0.0
7/30/2024 14:45	67.0	6.0	11.0	E	0.0
7/30/2024 14:50	67.0	5.0	10.0	E	0.0
7/30/2024 14:55	67.0	8.0	12.0	E	0.0
7/30/2024 15:00	67.0	7.0	12.0	E	0.0
7/30/2024 15:05	67.0	6.0	9.0	ENE	0.0
7/30/2024 15:10	67.0	6.0	10.0	E	0.0
7/30/2024 15:15	68.0	7.0	13.0	E	0.0
7/30/2024 15:20	68.0	7.0	12.0	E	0.0
7/30/2024 15:25	68.0	8.0	14.0	E	0.0
7/30/2024 15:30	68.0	9.0	15.0	E	0.0
7/30/2024 15:35	68.0	7.0	14.0	E	0.0
7/30/2024 15:40	68.0	8.0	14.0	E	0.0
7/30/2024 15:45	68.0	9.0	14.0	ENE	0.0
7/30/2024 15:50	68.0	8.0	14.0	ENE	0.0
7/30/2024 15:55	68.0	7.0	14.0	ENE	0.0
7/30/2024 16:00	68.0	8.0	13.0	ENE	0.0
7/30/2024 16:05	68.0	10.0	15.0	ESE	0.0
7/30/2024 16:10	68.0	9.0	15.0	E	0.0
7/30/2024 16:15	68.0	7.0	13.0	ENE	0.0
7/30/2024 16:20	68.0	8.0	14.0	E	0.0
7/30/2024 16:25	68.0	9.0	17.0	ENE	0.0
7/30/2024 16:30	68.0	9.0	16.0	E	0.0
7/30/2024 16:35	68.0	9.0	15.0	E	0.0
7/30/2024 16:40	68.0	11.0	18.0	E	0.0
7/30/2024 16:45	68.0	10.0	18.0	ENE	0.0
7/30/2024 16:50	68.0	10.0	18.0	ENE	0.0
7/30/2024 16:55	67.0	9.0	15.0	ESE	0.0
7/30/2024 17:00	67.0	10.0	16.0	E	0.0
7/30/2024 17:05	67.0	10.0	16.0	E	0.0
7/30/2024 17:10	67.0	10.0	16.0	ESE	0.0
7/30/2024 17:15	67.0	10.0	15.0	E	0.0
7/30/2024 17:20	67.0	9.0	14.0	E	0.0
7/30/2024 17:25	67.0	11.0	16.0	E	0.0
7/30/2024 17:30	66.0	9.0	15.0	ESE	0.0
7/30/2024 17:35	66.0	10.0	16.0	E	0.0
7/30/2024 17:40	66.0	10.0	16.0	E	0.0
7/30/2024 17:45	66.0	9.0	14.0	ESE	0.0
7/30/2024 17:50	66.0	9.0	14.0	E	0.0
7/30/2024 17:55	66.0	8.0	18.0	E	0.0
7/30/2024 18:00	66.0	7.0	14.0	E	0.0
7/31/2024 6:00	60.0	3.0	6.0	E	0.0
7/31/2024 6:05	60.0	4.0	7.0	E	0.0
7/31/2024 6:10	60.0	2.0	8.0	E	0.0
7/31/2024 6:15	60.0	2.0	6.0	E	0.0
7/31/2024 6:20	60.0	3.0	4.0	E	0.0
7/31/2024 6:25	60.0	2.0	5.0	S	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/31/2024 6:30	60.0	4.0	8.0	E	0.0
7/31/2024 6:35	60.0	4.0	8.0	E	0.0
7/31/2024 6:40	60.0	2.0	7.0	SE	0.0
7/31/2024 6:45	59.0	3.0	8.0	E	0.0
7/31/2024 6:50	59.0	3.0	7.0	E	0.0
7/31/2024 6:55	59.0	3.0	6.0	E	0.0
7/31/2024 7:00	59.0	2.0	4.0	E	0.0
7/31/2024 7:05	59.0	3.0	8.0	ESE	0.0
7/31/2024 7:10	59.0	3.0	7.0	E	0.0
7/31/2024 7:15	59.0	3.0	6.0	E	0.0
7/31/2024 7:20	59.0	3.0	6.0	ESE	0.0
7/31/2024 7:25	59.0	1.0	3.0	ESE	0.0
7/31/2024 7:30	59.0	2.0	6.0	E	0.0
7/31/2024 7:35	59.0	1.0	3.0	ESE	0.0
7/31/2024 7:40	59.0	2.0	4.0	E	0.0
7/31/2024 7:45	59.0	2.0	6.0	E	0.0
7/31/2024 7:50	59.0	2.0	4.0	E	0.0
7/31/2024 7:55	59.0	2.0	4.0	SSE	0.0
7/31/2024 8:00	60.0	1.0	4.0	E	0.0
7/31/2024 8:05	60.0	2.0	6.0	E	0.0
7/31/2024 8:10	60.0	2.0	4.0	E	0.0
7/31/2024 8:15	60.0	2.0	6.0	E	0.0
7/31/2024 8:20	60.0	2.0	6.0	E	0.0
7/31/2024 8:25	60.0	2.0	5.0	SSW	0.0
7/31/2024 8:30	60.0	2.0	4.0	E	0.0
7/31/2024 8:35	60.0	2.0	5.0	SSE	0.0
7/31/2024 8:40	60.0	1.0	5.0	SW	0.0
7/31/2024 8:45	60.0	2.0	4.0	SSE	0.0
7/31/2024 8:50	60.0	1.0	3.0	S	0.0
7/31/2024 8:55	60.0	1.0	4.0	S	0.0
7/31/2024 9:00	60.0	2.0	5.0	S	0.0
7/31/2024 9:05	60.0	2.0	4.0	S	0.0
7/31/2024 9:10	60.0	1.0	4.0	SW	0.0
7/31/2024 9:15	60.0	1.0	4.0	SW	0.0
7/31/2024 9:20	61.0	0.0	2.0	SSW	0.0
7/31/2024 9:25	61.0	0.0	3.0	SSW	0.0
7/31/2024 9:30	61.0	1.0	3.0	S	0.0
7/31/2024 9:35	61.0	0.0	3.0	SSW	0.0
7/31/2024 9:40	61.0	0.0	0.0		0.0
7/31/2024 9:45	61.0	1.0	4.0	ESE	0.0
7/31/2024 9:50	62.0	1.0	3.0	S	0.0
7/31/2024 9:55	62.0	1.0	3.0	WSW	0.0
7/31/2024 10:00	62.0	2.0	6.0	E	0.0
7/31/2024 10:05	62.0	3.0	6.0	E	0.0
7/31/2024 10:10	62.0	3.0	6.0	E	0.0
7/31/2024 10:15	62.0	3.0	6.0	ESE	0.0
7/31/2024 10:20	62.0	2.0	4.0	E	0.0
7/31/2024 10:25	62.0	2.0	6.0	E	0.0
7/31/2024 10:30	62.0	4.0	8.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/31/2024 10:35	62.0	4.0	8.0	E	0.0
7/31/2024 10:40	62.0	3.0	7.0	ENE	0.0
7/31/2024 10:45	63.0	2.0	4.0	ESE	0.0
7/31/2024 10:50	63.0	2.0	4.0	ESE	0.0
7/31/2024 10:55	64.0	3.0	7.0	E	0.0
7/31/2024 11:00	64.0	3.0	7.0	E	0.0
7/31/2024 11:05	64.0	2.0	7.0	SE	0.0
7/31/2024 11:10	65.0	2.0	4.0	E	0.0
7/31/2024 11:15	65.0	3.0	6.0	E	0.0
7/31/2024 11:20	66.0	2.0	3.0	ESE	0.0
7/31/2024 11:25	66.0	3.0	8.0	E	0.0
7/31/2024 11:30	66.0	2.0	7.0	ENE	0.0
7/31/2024 11:35	67.0	4.0	8.0	ENE	0.0
7/31/2024 11:40	67.0	5.0	10.0	E	0.0
7/31/2024 11:45	67.0	5.0	9.0	ESE	0.0
7/31/2024 11:50	67.0	6.0	10.0	E	0.0
7/31/2024 11:55	66.0	5.0	10.0	E	0.0
7/31/2024 12:00	67.0	5.0	9.0	E	0.0
7/31/2024 12:05	67.0	4.0	8.0	ENE	0.0
7/31/2024 12:10	67.0	4.0	8.0	ESE	0.0
7/31/2024 12:15	68.0	6.0	11.0	E	0.0
7/31/2024 12:20	68.0	8.0	11.0	E	0.0
7/31/2024 12:25	67.0	9.0	13.0	ESE	0.0
7/31/2024 12:30	67.0	7.0	13.0	E	0.0
7/31/2024 12:35	67.0	7.0	11.0	ESE	0.0
7/31/2024 12:40	67.0	6.0	12.0	E	0.0
7/31/2024 12:45	68.0	7.0	13.0	ENE	0.0
7/31/2024 12:50	68.0	8.0	14.0	E	0.0
7/31/2024 12:55	68.0	8.0	14.0	E	0.0
7/31/2024 13:00	68.0	6.0	12.0	E	0.0
7/31/2024 13:05	68.0	5.0	10.0	ESE	0.0
7/31/2024 13:10	68.0	5.0	11.0	E	0.0
7/31/2024 13:15	69.0	4.0	8.0	SE	0.0
7/31/2024 13:20	69.0	6.0	10.0	ESE	0.0
7/31/2024 13:25	70.0	6.0	11.0	ESE	0.0
7/31/2024 13:30	70.0	6.0	12.0	ESE	0.0
7/31/2024 13:35	70.0	7.0	14.0	E	0.0
7/31/2024 13:40	70.0	10.0	15.0	E	0.0
7/31/2024 13:45	69.0	8.0	13.0	E	0.0
7/31/2024 13:50	69.0	8.0	13.0	E	0.0
7/31/2024 13:55	70.0	5.0	10.0	ESE	0.0
7/31/2024 14:00	70.0	6.0	10.0	E	0.0
7/31/2024 14:05	70.0	7.0	12.0	ESE	0.0
7/31/2024 14:10	70.0	7.0	13.0	SSE	0.0
7/31/2024 14:15	71.0	7.0	14.0	E	0.0
7/31/2024 14:20	71.0	8.0	14.0	E	0.0
7/31/2024 14:25	71.0	7.0	11.0	E	0.0
7/31/2024 14:30	71.0	7.0	13.0	E	0.0
7/31/2024 14:35	71.0	7.0	13.0	E	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
7/31/2024 14:40	71.0	7.0	12.0	ESE	0.0
7/31/2024 14:45	71.0	8.0	14.0	E	0.0
7/31/2024 14:50	71.0	9.0	15.0	E	0.0
7/31/2024 14:55	71.0	6.0	15.0	E	0.0
7/31/2024 15:00	71.0	8.0	14.0	E	0.0
7/31/2024 15:05	70.0	9.0	14.0	E	0.0
7/31/2024 15:10	70.0	7.0	12.0	ESE	0.0
7/31/2024 15:15	71.0	6.0	12.0	ESE	0.0
7/31/2024 15:20	71.0	8.0	12.0	ESE	0.0
7/31/2024 15:25	71.0	8.0	14.0	E	0.0
7/31/2024 15:30	71.0	8.0	12.0	ESE	0.0
7/31/2024 15:35	71.0	7.0	13.0	ESE	0.0
7/31/2024 15:40	72.0	9.0	14.0	ESE	0.0
7/31/2024 15:45	72.0	9.0	12.0	ESE	0.0
7/31/2024 15:50	71.0	9.0	14.0	E	0.0
7/31/2024 15:55	71.0	10.0	15.0	ESE	0.0
7/31/2024 16:00	71.0	11.0	18.0	ESE	0.0
7/31/2024 16:05	71.0	9.0	16.0	E	0.0
7/31/2024 16:10	71.0	9.0	17.0	ESE	0.0
7/31/2024 16:15	71.0	8.0	15.0	ESE	0.0
7/31/2024 16:20	71.0	8.0	12.0	ESE	0.0
7/31/2024 16:25	71.0	8.0	13.0	E	0.0
7/31/2024 16:30	71.0	7.0	13.0	E	0.0
7/31/2024 16:35	71.0	9.0	14.0	E	0.0
7/31/2024 16:40	71.0	10.0	16.0	E	0.0
7/31/2024 16:45	71.0	10.0	15.0	E	0.0
7/31/2024 16:50	71.0	10.0	17.0	E	0.0
7/31/2024 16:55	71.0	8.0	13.0	E	0.0
7/31/2024 17:00	72.0	7.0	12.0	E	0.0
7/31/2024 17:05	72.0	7.0	15.0	ENE	0.0
7/31/2024 17:10	72.0	7.0	13.0	E	0.0
7/31/2024 17:15	72.0	10.0	15.0	SE	0.0
7/31/2024 17:20	71.0	9.0	15.0	E	0.0
7/31/2024 17:25	71.0	8.0	14.0	E	0.0
7/31/2024 17:30	70.0	8.0	13.0	SE	0.0
7/31/2024 17:35	70.0	8.0	14.0	SE	0.0
7/31/2024 17:40	70.0	10.0	14.0	E	0.0
7/31/2024 17:45	69.0	9.0	14.0	ESE	0.0
7/31/2024 17:50	68.0	10.0	18.0	ESE	0.0
7/31/2024 17:55	67.0	8.0	13.0	ESE	0.0
7/31/2024 18:00	67.0	7.0	15.0	SSE	0.0
8/8/2024 6:00	58.0	1.0	3.0	SE	0.0
8/8/2024 6:05	58.0	2.0	3.0	SE	0.0
8/8/2024 6:10	58.0	2.0	3.0	SE	0.0
8/8/2024 6:15	58.0	0.0	2.0	SSE	0.0
8/8/2024 6:20	58.0	1.0	4.0	S	0.0
8/8/2024 6:25	58.0	2.0	4.0	SE	0.0
8/8/2024 6:30	58.0	2.0	4.0	SE	0.0
8/8/2024 6:35	58.0	2.0	4.0	SE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/8/2024 6:40	58.0	1.0	5.0	S	0.0
8/8/2024 6:45	58.0	1.0	4.0	S	0.0
8/8/2024 6:50	58.0	1.0	6.0	S	0.0
8/8/2024 6:55	58.0	2.0	6.0	S	0.0
8/8/2024 7:00	58.0	2.0	4.0	SSE	0.0
8/8/2024 7:05	58.0	2.0	4.0	S	0.0
8/8/2024 7:10	58.0	3.0	6.0	E	0.0
8/8/2024 7:15	58.0	2.0	6.0	S	0.0
8/8/2024 7:20	58.0	3.0	7.0	SSW	0.0
8/8/2024 7:25	58.0	3.0	8.0	SSW	0.0
8/8/2024 7:30	58.0	2.0	3.0	ESE	0.0
8/8/2024 7:35	58.0	2.0	7.0	SSW	0.0
8/8/2024 7:40	58.0	2.0	4.0	SE	0.0
8/8/2024 7:45	58.0	3.0	8.0	E	0.0
8/8/2024 7:50	58.0	2.0	4.0	SE	0.0
8/8/2024 7:55	58.0	2.0	6.0	E	0.0
8/8/2024 8:00	58.0	3.0	5.0	S	0.0
8/8/2024 8:05	58.0	2.0	7.0	E	0.0
8/8/2024 8:10	58.0	3.0	7.0	E	0.0
8/8/2024 8:15	58.0	2.0	4.0	SE	0.0
8/8/2024 8:20	58.0	3.0	7.0	ESE	0.0
8/8/2024 8:25	58.0	2.0	4.0	E	0.0
8/8/2024 8:30	58.0	3.0	7.0	E	0.0
8/8/2024 8:35	58.0	4.0	9.0	SE	0.0
8/8/2024 8:40	58.0	6.0	9.0	E	0.0
8/8/2024 8:45	58.0	4.0	8.0	E	0.0
8/8/2024 8:50	58.0	6.0	10.0	E	0.0
8/8/2024 8:55	58.0	6.0	11.0	E	0.0
8/8/2024 9:00	58.0	6.0	10.0	E	0.0
8/8/2024 9:05	58.0	4.0	8.0	ENE	0.0
8/8/2024 9:10	59.0	5.0	10.0	NE	0.0
8/8/2024 9:15	59.0	6.0	10.0	ESE	0.0
8/8/2024 9:20	59.0	5.0	10.0	ESE	0.0
8/8/2024 9:25	59.0	4.0	10.0	E	0.0
8/8/2024 9:30	59.0	5.0	9.0	E	0.0
8/8/2024 9:35	59.0	4.0	8.0	ESE	0.0
8/8/2024 9:40	59.0	4.0	7.0	ENE	0.0
8/8/2024 9:45	59.0	5.0	9.0	E	0.0
8/8/2024 9:50	60.0	4.0	8.0	ESE	0.0
8/8/2024 9:55	60.0	6.0	10.0	E	0.0
8/8/2024 10:00	60.0	4.0	9.0	E	0.0
8/8/2024 10:05	60.0	5.0	10.0	E	0.0
8/8/2024 10:10	60.0	5.0	9.0	E	0.0
8/8/2024 10:15	60.0	4.0	8.0	ESE	0.0
8/8/2024 10:20	60.0	3.0	8.0	SSE	0.0
8/8/2024 10:25	60.0	4.0	9.0	E	0.0
8/8/2024 10:30	61.0	5.0	9.0	SE	0.0
8/8/2024 10:35	61.0	5.0	13.0	E	0.0
8/8/2024 10:40	61.0	5.0	12.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/8/2024 10:45	61.0	6.0	10.0	E	0.0
8/8/2024 10:50	61.0	4.0	9.0	E	0.0
8/8/2024 10:55	61.0	5.0	10.0	ENE	0.0
8/8/2024 11:00	61.0	5.0	9.0	ESE	0.0
8/8/2024 11:05	61.0	5.0	9.0	E	0.0
8/8/2024 11:10	61.0	5.0	10.0	E	0.0
8/8/2024 11:15	62.0	4.0	10.0	E	0.0
8/8/2024 11:20	62.0	3.0	9.0	ESE	0.0
8/8/2024 11:25	62.0	5.0	9.0	E	0.0
8/8/2024 11:30	62.0	6.0	11.0	ESE	0.0
8/8/2024 11:35	62.0	4.0	9.0	E	0.0
8/8/2024 11:40	62.0	5.0	9.0	ESE	0.0
8/8/2024 11:45	62.0	4.0	10.0	E	0.0
8/8/2024 11:50	63.0	5.0	10.0	E	0.0
8/8/2024 11:55	63.0	6.0	9.0	E	0.0
8/8/2024 12:00	63.0	5.0	10.0	E	0.0
8/8/2024 12:05	63.0	5.0	12.0	E	0.0
8/8/2024 12:10	63.0	7.0	12.0	ESE	0.0
8/8/2024 12:15	63.0	7.0	13.0	ESE	0.0
8/8/2024 12:20	63.0	7.0	11.0	E	0.0
8/8/2024 12:25	63.0	7.0	12.0	E	0.0
8/8/2024 12:30	63.0	8.0	13.0	E	0.0
8/8/2024 12:35	63.0	7.0	13.0	SE	0.0
8/8/2024 12:40	63.0	7.0	14.0	ESE	0.0
8/8/2024 12:45	63.0	7.0	12.0	E	0.0
8/8/2024 12:50	64.0	7.0	13.0	ESE	0.0
8/8/2024 12:55	64.0	6.0	12.0	ESE	0.0
8/8/2024 13:00	64.0	7.0	12.0	ESE	0.0
8/8/2024 13:05	64.0	8.0	12.0	E	0.0
8/8/2024 13:10	64.0	7.0	13.0	E	0.0
8/8/2024 13:15	64.0	8.0	13.0	E	0.0
8/8/2024 13:20	64.0	8.0	15.0	E	0.0
8/8/2024 13:25	64.0	7.0	14.0	ESE	0.0
8/8/2024 13:30	64.0	8.0	16.0	ESE	0.0
8/8/2024 13:35	64.0	7.0	12.0	E	0.0
8/8/2024 13:40	64.0	7.0	13.0	ESE	0.0
8/8/2024 13:45	64.0	7.0	13.0	E	0.0
8/8/2024 13:50	65.0	8.0	14.0	ESE	0.0
8/8/2024 13:55	64.0	8.0	14.0	ESE	0.0
8/8/2024 14:00	64.0	8.0	13.0	E	0.0
8/8/2024 14:05	64.0	10.0	16.0	E	0.0
8/8/2024 14:10	64.0	9.0	15.0	E	0.0
8/8/2024 14:15	65.0	7.0	10.0	E	0.0
8/8/2024 14:20	65.0	6.0	14.0	E	0.0
8/8/2024 14:25	65.0	6.0	13.0	E	0.0
8/8/2024 14:30	66.0	6.0	12.0	ENE	0.0
8/8/2024 14:35	66.0	8.0	13.0	ESE	0.0
8/8/2024 14:40	65.0	9.0	15.0	E	0.0
8/8/2024 14:45	65.0	8.0	15.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/8/2024 14:50	65.0	8.0	13.0	ESE	0.0
8/8/2024 14:55	65.0	8.0	14.0	SE	0.0
8/8/2024 15:00	65.0	6.0	11.0	E	0.0
8/8/2024 15:05	66.0	7.0	10.0	SE	0.0
8/8/2024 15:10	66.0	6.0	10.0	SE	0.0
8/8/2024 15:15	66.0	8.0	13.0	E	0.0
8/8/2024 15:20	66.0	8.0	12.0	ESE	0.0
8/8/2024 15:25	66.0	8.0	13.0	E	0.0
8/8/2024 15:30	66.0	7.0	13.0	E	0.0
8/8/2024 15:35	66.0	6.0	14.0	ESE	0.0
8/8/2024 15:40	67.0	8.0	13.0	E	0.0
8/8/2024 15:45	66.0	8.0	12.0	E	0.0
8/8/2024 15:50	66.0	8.0	16.0	E	0.0
8/8/2024 15:55	66.0	8.0	13.0	SE	0.0
8/8/2024 16:00	66.0	9.0	14.0	E	0.0
8/8/2024 16:05	66.0	9.0	15.0	E	0.0
8/8/2024 16:10	66.0	8.0	14.0	E	0.0
8/8/2024 16:15	66.0	9.0	15.0	E	0.0
8/8/2024 16:20	66.0	8.0	16.0	E	0.0
8/8/2024 16:25	66.0	10.0	17.0	ENE	0.0
8/8/2024 16:30	66.0	7.0	14.0	E	0.0
8/8/2024 16:35	66.0	10.0	17.0	E	0.0
8/8/2024 16:40	66.0	8.0	12.0	ESE	0.0
8/8/2024 16:45	66.0	8.0	14.0	E	0.0
8/8/2024 16:50	65.0	7.0	16.0	E	0.0
8/8/2024 16:55	66.0	9.0	16.0	ENE	0.0
8/8/2024 17:00	66.0	8.0	13.0	ESE	0.0
8/8/2024 17:05	66.0	8.0	13.0	ESE	0.0
8/8/2024 17:10	66.0	8.0	18.0	E	0.0
8/8/2024 17:15	66.0	9.0	13.0	E	0.0
8/8/2024 17:20	65.0	10.0	16.0	SSE	0.0
8/8/2024 17:25	65.0	10.0	16.0	ESE	0.0
8/8/2024 17:30	65.0	9.0	14.0	SE	0.0
8/8/2024 17:35	65.0	10.0	16.0	E	0.0
8/8/2024 17:40	65.0	7.0	16.0	SE	0.0
8/8/2024 17:45	65.0	8.0	16.0	E	0.0
8/8/2024 17:50	65.0	9.0	14.0	E	0.0
8/8/2024 17:55	64.0	9.0	14.0	ESE	0.0
8/8/2024 18:00	64.0	9.0	18.0	E	0.0
8/13/2024 6:00	59.0	3.0	4.0	ENE	0.0
8/13/2024 6:05	59.0	4.0	6.0	NNW	0.0
8/13/2024 6:10	59.0	3.0	5.0	N	0.0
8/13/2024 6:15	59.0	2.0	5.0	NNW	0.0
8/13/2024 6:20	59.0	2.0	5.0	N	0.0
8/13/2024 6:25	58.0	3.0	5.0	NNE	0.0
8/13/2024 6:30	58.0	2.0	5.0	NNE	0.0
8/13/2024 6:35	58.0	3.0	4.0	NNE	0.0
8/13/2024 6:40	58.0	3.0	6.0	N	0.0
8/13/2024 6:45	58.0	1.0	3.0	NNE	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/13/2024 6:50	58.0	1.0	4.0	NE	0.0
8/13/2024 6:55	58.0	2.0	3.0	NNE	0.0
8/13/2024 7:00	58.0	2.0	3.0	N	0.0
8/13/2024 7:05	59.0	1.0	3.0	NNE	0.0
8/13/2024 7:10	59.0	1.0	2.0	NNE	0.0
8/13/2024 7:15	59.0	1.0	3.0	NNE	0.0
8/13/2024 7:20	59.0	3.0	5.0	N	0.0
8/13/2024 7:25	60.0	3.0	6.0	NNE	0.0
8/13/2024 7:30	60.0	4.0	7.0	NNE	0.0
8/13/2024 7:35	60.0	5.0	6.0	NNE	0.0
8/13/2024 7:40	60.0	3.0	6.0	NNE	0.0
8/13/2024 7:45	60.0	3.0	6.0	NNE	0.0
8/13/2024 7:50	60.0	3.0	6.0	NE	0.0
8/13/2024 7:55	60.0	2.0	6.0	E	0.0
8/13/2024 8:00	61.0	3.0	8.0	E	0.0
8/13/2024 8:05	61.0	4.0	8.0	ENE	0.0
8/13/2024 8:10	61.0	4.0	9.0	E	0.0
8/13/2024 8:15	60.0	3.0	7.0	E	0.0
8/13/2024 8:20	61.0	3.0	7.0	ENE	0.0
8/13/2024 8:25	61.0	3.0	8.0	ENE	0.0
8/13/2024 8:30	61.0	3.0	6.0	NE	0.0
8/13/2024 8:35	61.0	2.0	6.0	N	0.0
8/13/2024 8:40	61.0	3.0	6.0	E	0.0
8/13/2024 8:45	61.0	2.0	6.0	E	0.0
8/13/2024 8:50	62.0	1.0	5.0	N	0.0
8/13/2024 8:55	62.0	3.0	5.0	N	0.0
8/13/2024 9:00	62.0	2.0	5.0	NNW	0.0
8/13/2024 9:05	63.0	3.0	6.0	N	0.0
8/13/2024 9:10	63.0	3.0	7.0	N	0.0
8/13/2024 9:15	63.0	5.0	8.0	ENE	0.0
8/13/2024 9:20	63.0	4.0	8.0	E	0.0
8/13/2024 9:25	63.0	6.0	10.0	E	0.0
8/13/2024 9:30	63.0	5.0	9.0	NE	0.0
8/13/2024 9:35	63.0	4.0	9.0	ENE	0.0
8/13/2024 9:40	63.0	5.0	10.0	NE	0.0
8/13/2024 9:45	62.0	5.0	9.0	SE	0.0
8/13/2024 9:50	62.0	5.0	10.0	E	0.0
8/13/2024 9:55	62.0	4.0	7.0	SE	0.0
8/13/2024 10:00	62.0	5.0	10.0	E	0.0
8/13/2024 10:05	61.0	5.0	9.0	E	0.0
8/13/2024 10:10	61.0	6.0	10.0	E	0.0
8/13/2024 10:15	62.0	6.0	11.0	E	0.0
8/13/2024 10:20	62.0	6.0	11.0	E	0.0
8/13/2024 10:25	62.0	6.0	11.0	E	0.0
8/13/2024 10:30	62.0	5.0	11.0	ESE	0.0
8/13/2024 10:35	62.0	5.0	10.0	E	0.0
8/13/2024 10:40	62.0	6.0	9.0	E	0.0
8/13/2024 10:45	62.0	6.0	12.0	E	0.0
8/13/2024 10:50	62.0	5.0	9.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/13/2024 10:55	62.0	6.0	9.0	ESE	0.0
8/13/2024 11:00	62.0	5.0	9.0	E	0.0
8/13/2024 11:05	62.0	4.0	8.0	ENE	0.0
8/13/2024 11:10	63.0	5.0	9.0	E	0.0
8/13/2024 11:15	63.0	5.0	9.0	E	0.0
8/13/2024 11:20	63.0	5.0	9.0	E	0.0
8/13/2024 11:25	63.0	5.0	10.0	E	0.0
8/13/2024 11:30	63.0	5.0	10.0	E	0.0
8/13/2024 11:35	64.0	5.0	11.0	E	0.0
8/13/2024 11:40	64.0	6.0	11.0	E	0.0
8/13/2024 11:45	64.0	5.0	9.0	SE	0.0
8/13/2024 11:50	64.0	5.0	9.0	E	0.0
8/13/2024 11:55	64.0	5.0	9.0	ESE	0.0
8/13/2024 12:00	65.0	4.0	9.0	E	0.0
8/13/2024 12:05	65.0	4.0	9.0	ENE	0.0
8/13/2024 12:10	65.0	5.0	9.0	NE	0.0
8/13/2024 12:15	66.0	6.0	10.0	E	0.0
8/13/2024 12:20	66.0	5.0	10.0	E	0.0
8/13/2024 12:25	66.0	6.0	10.0	E	0.0
8/13/2024 12:30	66.0	6.0	11.0	E	0.0
8/13/2024 12:35	67.0	7.0	11.0	ESE	0.0
8/13/2024 12:40	67.0	5.0	10.0	E	0.0
8/13/2024 12:45	68.0	6.0	11.0	SE	0.0
8/13/2024 12:50	68.0	5.0	10.0	ENE	0.0
8/13/2024 12:55	68.0	8.0	12.0	E	0.0
8/13/2024 13:00	68.0	5.0	11.0	ESE	0.0
8/13/2024 13:05	68.0	6.0	12.0	E	0.0
8/13/2024 13:10	68.0	5.0	9.0	ENE	0.0
8/13/2024 13:15	68.0	5.0	12.0	E	0.0
8/13/2024 13:20	68.0	7.0	12.0	E	0.0
8/13/2024 13:25	67.0	7.0	13.0	E	0.0
8/13/2024 13:30	67.0	8.0	14.0	E	0.0
8/13/2024 13:35	66.0	7.0	11.0	ESE	0.0
8/13/2024 13:40	66.0	6.0	11.0	ESE	0.0
8/13/2024 13:45	67.0	6.0	12.0	E	0.0
8/13/2024 13:50	67.0	7.0	13.0	E	0.0
8/13/2024 13:55	68.0	5.0	10.0	E	0.0
8/13/2024 14:00	68.0	5.0	11.0	ESE	0.0
8/13/2024 14:05	68.0	7.0	13.0	E	0.0
8/13/2024 14:10	68.0	7.0	12.0	ESE	0.0
8/13/2024 14:15	68.0	5.0	9.0	SE	0.0
8/13/2024 14:20	68.0	5.0	11.0	E	0.0
8/13/2024 14:25	69.0	6.0	11.0	E	0.0
8/13/2024 14:30	69.0	6.0	11.0	NNE	0.0
8/13/2024 14:35	69.0	7.0	13.0	ESE	0.0
8/13/2024 14:40	69.0	7.0	13.0	ESE	0.0
8/13/2024 14:45	69.0	7.0	11.0	E	0.0
8/13/2024 14:50	69.0	7.0	16.0	ESE	0.0
8/13/2024 14:55	69.0	7.0	12.0	SE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/13/2024 15:00	69.0	7.0	12.0	ESE	0.0
8/13/2024 15:05	69.0	9.0	14.0	E	0.0
8/13/2024 15:10	69.0	8.0	14.0	E	0.0
8/13/2024 15:15	69.0	8.0	13.0	E	0.0
8/13/2024 15:20	69.0	9.0	13.0	E	0.0
8/13/2024 15:25	68.0	8.0	12.0	S	0.0
8/13/2024 15:30	68.0	9.0	14.0	E	0.0
8/13/2024 15:35	68.0	8.0	14.0	E	0.0
8/13/2024 15:40	68.0	9.0	14.0	E	0.0
8/13/2024 15:45	68.0	9.0	14.0	E	0.0
8/13/2024 15:50	68.0	9.0	12.0	ENE	0.0
8/13/2024 15:55	68.0	8.0	13.0	E	0.0
8/13/2024 16:00	68.0	8.0	11.0	E	0.0
8/13/2024 16:05	68.0	8.0	13.0	E	0.0
8/13/2024 16:10	68.0	8.0	14.0	E	0.0
8/13/2024 16:15	69.0	9.0	13.0	E	0.0
8/13/2024 16:20	68.0	9.0	14.0	E	0.0
8/13/2024 16:25	68.0	9.0	14.0	E	0.0
8/13/2024 16:30	68.0	8.0	14.0	E	0.0
8/13/2024 16:35	68.0	9.0	17.0	E	0.0
8/13/2024 16:40	68.0	9.0	14.0	ESE	0.0
8/13/2024 16:45	68.0	9.0	16.0	E	0.0
8/13/2024 16:50	68.0	9.0	15.0	ESE	0.0
8/13/2024 16:55	68.0	8.0	13.0	E	0.0
8/13/2024 17:00	68.0	10.0	15.0	E	0.0
8/13/2024 17:05	67.0	9.0	14.0	E	0.0
8/13/2024 17:10	67.0	9.0	14.0	ESE	0.0
8/13/2024 17:15	67.0	8.0	14.0	E	0.0
8/13/2024 17:20	67.0	10.0	15.0	E	0.0
8/13/2024 17:25	67.0	10.0	15.0	E	0.0
8/13/2024 17:30	67.0	8.0	14.0	E	0.0
8/13/2024 17:35	67.0	7.0	11.0	E	0.0
8/13/2024 17:40	67.0	7.0	13.0	E	0.0
8/13/2024 17:45	67.0	7.0	13.0	E	0.0
8/13/2024 17:50	67.0	8.0	13.0	E	0.0
8/13/2024 17:55	67.0	8.0	14.0	E	0.0
8/13/2024 18:00	67.0	7.0	13.0	E	0.0
8/14/2024 6:00	58.0	5.0	9.0	E	0.0
8/14/2024 6:05	58.0	4.0	7.0	E	0.0
8/14/2024 6:10	58.0	3.0	7.0	E	0.0
8/14/2024 6:15	58.0	3.0	7.0	ESE	0.0
8/14/2024 6:20	58.0	1.0	4.0	E	0.0
8/14/2024 6:25	58.0	0.0	0.0		0.0
8/14/2024 6:30	58.0	0.0	0.0		0.0
8/14/2024 6:35	58.0	0.0	0.0		0.0
8/14/2024 6:40	58.0	0.0	0.0		0.0
8/14/2024 6:45	58.0	0.0	0.0		0.0
8/14/2024 6:50	58.0	0.0	0.0		0.0
8/14/2024 6:55	58.0	0.0	0.0		0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/14/2024 7:00	58.0	1.0	3.0	SSW	0.0
8/14/2024 7:05	58.0	1.0	4.0	S	0.0
8/14/2024 7:10	58.0	2.0	5.0	SE	0.0
8/14/2024 7:15	58.0	2.0	4.0	E	0.0
8/14/2024 7:20	58.0	1.0	4.0	E	0.0
8/14/2024 7:25	58.0	0.0	2.0	S	0.0
8/14/2024 7:30	58.0	1.0	3.0	SE	0.0
8/14/2024 7:35	58.0	0.0	1.0	SSE	0.0
8/14/2024 7:40	58.0	1.0	4.0	SSW	0.0
8/14/2024 7:45	58.0	1.0	4.0	S	0.0
8/14/2024 7:50	59.0	0.0	3.0	S	0.0
8/14/2024 7:55	59.0	2.0	4.0	SSE	0.0
8/14/2024 8:00	59.0	2.0	5.0	S	0.0
8/14/2024 8:05	59.0	1.0	3.0	WSW	0.0
8/14/2024 8:10	60.0	1.0	3.0	SSW	0.0
8/14/2024 8:15	60.0	1.0	3.0	S	0.0
8/14/2024 8:20	60.0	0.0	2.0	ESE	0.0
8/14/2024 8:25	61.0	0.0	3.0	ENE	0.0
8/14/2024 8:30	61.0	1.0	3.0	E	0.0
8/14/2024 8:35	61.0	1.0	4.0	ENE	0.0
8/14/2024 8:40	61.0	1.0	3.0	E	0.0
8/14/2024 8:45	62.0	1.0	3.0	S	0.0
8/14/2024 8:50	62.0	2.0	4.0	ESE	0.0
8/14/2024 8:55	62.0	2.0	5.0	ENE	0.0
8/14/2024 9:00	62.0	2.0	4.0	NE	0.0
8/14/2024 9:05	62.0	3.0	7.0	ESE	0.0
8/14/2024 9:10	62.0	2.0	6.0	SE	0.0
8/14/2024 9:15	62.0	2.0	4.0	SE	0.0
8/14/2024 9:20	62.0	3.0	4.0	E	0.0
8/14/2024 9:25	62.0	2.0	4.0	ENE	0.0
8/14/2024 9:30	62.0	4.0	7.0	E	0.0
8/14/2024 9:35	62.0	4.0	7.0	E	0.0
8/14/2024 9:40	62.0	4.0	7.0	E	0.0
8/14/2024 9:45	62.0	4.0	8.0	ESE	0.0
8/14/2024 9:50	62.0	4.0	8.0	ESE	0.0
8/14/2024 9:55	62.0	4.0	8.0	ESE	0.0
8/14/2024 10:00	62.0	5.0	8.0	E	0.0
8/14/2024 10:05	62.0	5.0	9.0	ESE	0.0
8/14/2024 10:10	62.0	5.0	9.0	E	0.0
8/14/2024 10:15	62.0	4.0	9.0	E	0.0
8/14/2024 10:20	62.0	4.0	7.0	E	0.0
8/14/2024 10:25	63.0	4.0	7.0	E	0.0
8/14/2024 10:30	63.0	4.0	6.0	ESE	0.0
8/14/2024 10:35	63.0	5.0	9.0	E	0.0
8/14/2024 10:40	63.0	5.0	9.0	ESE	0.0
8/14/2024 10:45	63.0	5.0	9.0	E	0.0
8/14/2024 10:50	63.0	4.0	8.0	E	0.0
8/14/2024 10:55	64.0	4.0	8.0	ESE	0.0
8/14/2024 11:00	64.0	5.0	8.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/14/2024 11:05	64.0	5.0	8.0	SSE	0.0
8/14/2024 11:10	64.0	4.0	9.0	E	0.0
8/14/2024 11:15	64.0	5.0	7.0	ESE	0.0
8/14/2024 11:20	64.0	4.0	8.0	E	0.0
8/14/2024 11:25	65.0	4.0	7.0	E	0.0
8/14/2024 11:30	65.0	4.0	7.0	ESE	0.0
8/14/2024 11:35	65.0	2.0	5.0	ESE	0.0
8/14/2024 11:40	65.0	5.0	8.0	ENE	0.0
8/14/2024 11:45	65.0	5.0	9.0	E	0.0
8/14/2024 11:50	66.0	5.0	8.0	E	0.0
8/14/2024 11:55	66.0	5.0	10.0	E	0.0
8/14/2024 12:00	66.0	5.0	10.0	E	0.0
8/14/2024 12:05	66.0	5.0	8.0	SE	0.0
8/14/2024 12:10	66.0	6.0	10.0	E	0.0
8/14/2024 12:15	66.0	4.0	9.0	E	0.0
8/14/2024 12:20	66.0	5.0	8.0	SE	0.0
8/14/2024 12:25	66.0	6.0	11.0	E	0.0
8/14/2024 12:30	66.0	7.0	11.0	ENE	0.0
8/14/2024 12:35	66.0	8.0	11.0	ENE	0.0
8/14/2024 12:40	66.0	5.0	10.0	E	0.0
8/14/2024 12:45	66.0	4.0	9.0	E	0.0
8/14/2024 12:50	66.0	3.0	8.0	SE	0.0
8/14/2024 12:55	67.0	5.0	9.0	ENE	0.0
8/14/2024 13:00	67.0	6.0	9.0	ESE	0.0
8/14/2024 13:05	68.0	7.0	13.0	ENE	0.0
8/14/2024 13:10	68.0	8.0	12.0	E	0.0
8/14/2024 13:15	67.0	7.0	13.0	ENE	0.0
8/14/2024 13:20	67.0	8.0	12.0	E	0.0
8/14/2024 13:25	67.0	8.0	12.0	E	0.0
8/14/2024 13:30	66.0	7.0	12.0	E	0.0
8/14/2024 13:35	66.0	7.0	12.0	E	0.0
8/14/2024 13:40	67.0	7.0	12.0	E	0.0
8/14/2024 13:45	67.0	7.0	12.0	E	0.0
8/14/2024 13:50	66.0	10.0	14.0	E	0.0
8/14/2024 13:55	66.0	9.0	13.0	E	0.0
8/14/2024 14:00	66.0	6.0	12.0	E	0.0
8/14/2024 14:05	67.0	7.0	11.0	E	0.0
8/14/2024 14:10	67.0	5.0	11.0	E	0.0
8/14/2024 14:15	68.0	5.0	9.0	SE	0.0
8/14/2024 14:20	68.0	4.0	8.0	SE	0.0
8/14/2024 14:25	69.0	5.0	9.0	E	0.0
8/14/2024 14:30	69.0	5.0	9.0	E	0.0
8/14/2024 14:35	68.0	7.0	12.0	ESE	0.0
8/14/2024 14:40	68.0	7.0	13.0	ESE	0.0
8/14/2024 14:45	68.0	8.0	12.0	SE	0.0
8/14/2024 14:50	68.0	7.0	14.0	SE	0.0
8/14/2024 14:55	68.0	8.0	13.0	ESE	0.0
8/14/2024 15:00	68.0	8.0	13.0	E	0.0
8/14/2024 15:05	67.0	9.0	15.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/14/2024 15:10	68.0	9.0	16.0	E	0.0
8/14/2024 15:15	67.0	9.0	16.0	E	0.0
8/14/2024 15:20	68.0	9.0	15.0	E	0.0
8/14/2024 15:25	68.0	8.0	16.0	E	0.0
8/14/2024 15:30	68.0	10.0	16.0	ESE	0.0
8/14/2024 15:35	67.0	9.0	15.0	ESE	0.0
8/14/2024 15:40	67.0	9.0	15.0	E	0.0
8/14/2024 15:45	67.0	10.0	16.0	ESE	0.0
8/14/2024 15:50	67.0	10.0	14.0	E	0.0
8/14/2024 15:55	67.0	8.0	14.0	E	0.0
8/14/2024 16:00	67.0	9.0	14.0	ENE	0.0
8/14/2024 16:05	67.0	7.0	12.0	ENE	0.0
8/14/2024 16:10	67.0	7.0	12.0	E	0.0
8/14/2024 16:15	67.0	8.0	13.0	ENE	0.0
8/14/2024 16:20	67.0	8.0	14.0	ENE	0.0
8/14/2024 16:25	67.0	6.0	11.0	ENE	0.0
8/14/2024 16:30	67.0	8.0	12.0	SE	0.0
8/14/2024 16:35	67.0	8.0	15.0	ESE	0.0
8/14/2024 16:40	67.0	8.0	13.0	SE	0.0
8/14/2024 16:45	67.0	8.0	13.0	E	0.0
8/14/2024 16:50	67.0	8.0	14.0	ESE	0.0
8/14/2024 16:55	67.0	7.0	13.0	ENE	0.0
8/14/2024 17:00	68.0	7.0	13.0	ESE	0.0
8/14/2024 17:05	67.0	9.0	14.0	E	0.0
8/14/2024 17:10	67.0	8.0	14.0	E	0.0
8/14/2024 17:15	67.0	8.0	13.0	E	0.0
8/14/2024 17:20	68.0	6.0	11.0	E	0.0
8/14/2024 17:25	68.0	7.0	12.0	E	0.0
8/14/2024 17:30	68.0	8.0	14.0	E	0.0
8/14/2024 17:35	67.0	9.0	14.0	E	0.0
8/14/2024 17:40	67.0	11.0	17.0	E	0.0
8/14/2024 17:45	67.0	8.0	14.0	E	0.0
8/14/2024 17:50	67.0	9.0	14.0	E	0.0
8/14/2024 17:55	67.0	8.0	12.0	SE	0.0
8/14/2024 18:00	67.0	7.0	12.0	E	0.0
8/15/2024 6:00	58.0	6.0	10.0	E	0.0
8/15/2024 6:05	57.0	6.0	10.0	ENE	0.0
8/15/2024 6:10	57.0	5.0	9.0	ENE	0.0
8/15/2024 6:15	57.0	5.0	10.0	ENE	0.0
8/15/2024 6:20	57.0	4.0	8.0	NNE	0.0
8/15/2024 6:25	57.0	4.0	8.0	ENE	0.0
8/15/2024 6:30	57.0	4.0	8.0	NNE	0.0
8/15/2024 6:35	58.0	3.0	7.0	ENE	0.0
8/15/2024 6:40	58.0	4.0	8.0	NE	0.0
8/15/2024 6:45	58.0	5.0	9.0	NE	0.0
8/15/2024 6:50	58.0	5.0	9.0	ENE	0.0
8/15/2024 6:55	58.0	5.0	10.0	ENE	0.0
8/15/2024 7:00	58.0	4.0	9.0	ENE	0.0
8/15/2024 7:05	58.0	5.0	10.0	ENE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/15/2024 7:10	58.0	5.0	9.0	ENE	0.0
8/15/2024 7:15	58.0	4.0	8.0	ENE	0.0
8/15/2024 7:20	57.0	4.0	8.0	ENE	0.0
8/15/2024 7:25	57.0	2.0	6.0	E	0.0
8/15/2024 7:30	57.0	2.0	4.0	NNE	0.0
8/15/2024 7:35	58.0	4.0	7.0	ENE	0.0
8/15/2024 7:40	58.0	1.0	4.0	NE	0.0
8/15/2024 7:45	58.0	3.0	8.0	ENE	0.0
8/15/2024 7:50	59.0	3.0	6.0	E	0.0
8/15/2024 7:55	59.0	2.0	5.0	SE	0.0
8/15/2024 8:00	59.0	2.0	4.0	ESE	0.0
8/15/2024 8:05	59.0	4.0	8.0	E	0.0
8/15/2024 8:10	58.0	5.0	8.0	ESE	0.0
8/15/2024 8:15	58.0	1.0	3.0	E	0.0
8/15/2024 8:20	58.0	2.0	4.0	ENE	0.0
8/15/2024 8:25	59.0	3.0	7.0	ESE	0.0
8/15/2024 8:30	59.0	2.0	6.0	E	0.0
8/15/2024 8:35	59.0	2.0	4.0	E	0.0
8/15/2024 8:40	59.0	2.0	4.0	ENE	0.0
8/15/2024 8:45	59.0	2.0	5.0	NNW	0.0
8/15/2024 8:50	60.0	2.0	5.0	NNE	0.0
8/15/2024 8:55	60.0	2.0	4.0	NE	0.0
8/15/2024 9:00	60.0	1.0	4.0	NNE	0.0
8/15/2024 9:05	61.0	2.0	6.0	E	0.0
8/15/2024 9:10	61.0	3.0	6.0	E	0.0
8/15/2024 9:15	61.0	4.0	7.0	ESE	0.0
8/15/2024 9:20	61.0	5.0	8.0	ESE	0.0
8/15/2024 9:25	61.0	5.0	10.0	E	0.0
8/15/2024 9:30	61.0	4.0	9.0	ENE	0.0
8/15/2024 9:35	61.0	2.0	6.0	NE	0.0
8/15/2024 9:40	61.0	2.0	6.0	E	0.0
8/15/2024 9:45	62.0	2.0	6.0	E	0.0
8/15/2024 9:50	62.0	2.0	4.0	E	0.0
8/15/2024 9:55	62.0	1.0	6.0	E	0.0
8/15/2024 10:00	62.0	2.0	4.0	E	0.0
8/15/2024 10:05	63.0	2.0	5.0	NNE	0.0
8/15/2024 10:10	63.0	3.0	6.0	NNE	0.0
8/15/2024 10:15	64.0	3.0	6.0	NNE	0.0
8/15/2024 10:20	64.0	4.0	6.0	NNW	0.0
8/15/2024 10:25	65.0	4.0	6.0	NNE	0.0
8/15/2024 10:30	65.0	2.0	5.0	NE	0.0
8/15/2024 10:35	65.0	1.0	5.0	N	0.0
8/15/2024 10:40	66.0	3.0	6.0	E	0.0
8/15/2024 10:45	66.0	4.0	8.0	ENE	0.0
8/15/2024 10:50	66.0	3.0	7.0	NE	0.0
8/15/2024 10:55	66.0	3.0	7.0	NE	0.0
8/15/2024 11:00	66.0	5.0	9.0	E	0.0
8/15/2024 11:05	65.0	6.0	10.0	E	0.0
8/15/2024 11:10	64.0	5.0	10.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/15/2024 11:15	64.0	4.0	8.0	ENE	0.0
8/15/2024 11:20	64.0	3.0	6.0	E	0.0
8/15/2024 11:25	64.0	3.0	8.0	E	0.0
8/15/2024 11:30	65.0	4.0	7.0	NE	0.0
8/15/2024 11:35	65.0	2.0	5.0	NE	0.0
8/15/2024 11:40	66.0	3.0	7.0	E	0.0
8/15/2024 11:45	66.0	4.0	6.0	E	0.0
8/15/2024 11:50	66.0	4.0	8.0	ENE	0.0
8/15/2024 11:55	66.0	3.0	7.0	N	0.0
8/15/2024 12:00	66.0	3.0	7.0	ENE	0.0
8/15/2024 12:05	67.0	4.0	8.0	ESE	0.0
8/15/2024 12:10	67.0	6.0	10.0	E	0.0
8/15/2024 12:15	66.0	6.0	9.0	E	0.0
8/15/2024 12:20	66.0	6.0	9.0	E	0.0
8/15/2024 12:25	66.0	5.0	10.0	E	0.0
8/15/2024 12:30	66.0	7.0	12.0	ESE	0.0
8/15/2024 12:35	66.0	7.0	11.0	ENE	0.0
8/15/2024 12:40	66.0	6.0	10.0	ENE	0.0
8/15/2024 12:45	66.0	8.0	13.0	ENE	0.0
8/15/2024 12:50	66.0	7.0	12.0	ENE	0.0
8/15/2024 12:55	67.0	8.0	12.0	E	0.0
8/15/2024 13:00	67.0	7.0	12.0	ENE	0.0
8/15/2024 13:05	67.0	9.0	14.0	E	0.0
8/15/2024 13:10	66.0	9.0	14.0	E	0.0
8/15/2024 13:15	67.0	9.0	13.0	E	0.0
8/15/2024 13:20	67.0	9.0	15.0	E	0.0
8/15/2024 13:25	67.0	10.0	15.0	ESE	0.0
8/15/2024 13:30	67.0	10.0	14.0	E	0.0
8/15/2024 13:35	67.0	10.0	16.0	E	0.0
8/15/2024 13:40	67.0	10.0	15.0	E	0.0
8/15/2024 13:45	67.0	9.0	15.0	E	0.0
8/15/2024 13:50	67.0	10.0	15.0	E	0.0
8/15/2024 13:55	67.0	9.0	16.0	ENE	0.0
8/15/2024 14:00	67.0	10.0	18.0	ESE	0.0
8/15/2024 14:05	67.0	11.0	19.0	ENE	0.0
8/15/2024 14:10	67.0	13.0	19.0	E	0.0
8/15/2024 14:15	67.0	12.0	18.0	E	0.0
8/15/2024 14:20	67.0	11.0	17.0	E	0.0
8/15/2024 14:25	67.0	11.0	18.0	ENE	0.0
8/15/2024 14:30	68.0	10.0	18.0	E	0.0
8/15/2024 14:35	68.0	9.0	17.0	E	0.0
8/15/2024 14:40	68.0	10.0	17.0	E	0.0
8/15/2024 14:45	68.0	10.0	18.0	E	0.0
8/15/2024 14:50	68.0	8.0	13.0	ENE	0.0
8/15/2024 14:55	68.0	9.0	17.0	E	0.0
8/15/2024 15:00	68.0	9.0	17.0	ENE	0.0
8/15/2024 15:05	68.0	11.0	16.0	ENE	0.0
8/15/2024 15:10	68.0	10.0	16.0	ESE	0.0
8/15/2024 15:15	68.0	9.0	16.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/15/2024 15:20	68.0	11.0	18.0	NE	0.0
8/15/2024 15:25	68.0	11.0	16.0	E	0.0
8/15/2024 15:30	68.0	11.0	18.0	E	0.0
8/15/2024 15:35	68.0	10.0	17.0	ENE	0.0
8/15/2024 15:40	68.0	9.0	14.0	E	0.0
8/15/2024 15:45	68.0	10.0	14.0	SE	0.0
8/15/2024 15:50	68.0	8.0	16.0	ENE	0.0
8/15/2024 15:55	69.0	9.0	16.0	NE	0.0
8/15/2024 16:00	69.0	10.0	16.0	ENE	0.0
8/15/2024 16:05	68.0	11.0	17.0	E	0.0
8/15/2024 16:10	68.0	10.0	17.0	ENE	0.0
8/15/2024 16:15	68.0	9.0	14.0	E	0.0
8/15/2024 16:20	68.0	10.0	16.0	ESE	0.0
8/15/2024 16:25	68.0	10.0	15.0	ENE	0.0
8/15/2024 16:30	68.0	10.0	16.0	ENE	0.0
8/15/2024 16:35	68.0	8.0	12.0	NE	0.0
8/15/2024 16:40	69.0	8.0	14.0	ENE	0.0
8/15/2024 16:45	69.0	8.0	14.0	NE	0.0
8/15/2024 16:50	69.0	9.0	16.0	E	0.0
8/15/2024 16:55	69.0	10.0	16.0	E	0.0
8/15/2024 17:00	69.0	9.0	15.0	E	0.0
8/15/2024 17:05	69.0	8.0	14.0	E	0.0
8/15/2024 17:10	69.0	9.0	13.0	ENE	0.0
8/15/2024 17:15	69.0	8.0	14.0	E	0.0
8/15/2024 17:20	69.0	9.0	14.0	NE	0.0
8/15/2024 17:25	69.0	9.0	14.0	ENE	0.0
8/15/2024 17:30	69.0	9.0	14.0	ENE	0.0
8/15/2024 17:35	69.0	9.0	14.0	ENE	0.0
8/15/2024 17:40	69.0	6.0	12.0	ESE	0.0
8/15/2024 17:45	69.0	5.0	9.0	E	0.0
8/15/2024 17:50	69.0	2.0	6.0	E	0.0
8/15/2024 17:55	70.0	4.0	7.0	E	0.0
8/15/2024 18:00	70.0	6.0	12.0	ENE	0.0
8/16/2024 6:00	58.0	3.0	7.0	E	0.0
8/16/2024 6:05	58.0	1.0	3.0	E	0.0
8/16/2024 6:10	58.0	1.0	2.0	ESE	0.0
8/16/2024 6:15	58.0	1.0	4.0	NE	0.0
8/16/2024 6:20	58.0	2.0	4.0	ENE	0.0
8/16/2024 6:25	58.0	1.0	3.0	ENE	0.0
8/16/2024 6:30	58.0	2.0	3.0	NNE	0.0
8/16/2024 6:35	58.0	1.0	3.0	ENE	0.0
8/16/2024 6:40	58.0	0.0	2.0	ENE	0.0
8/16/2024 6:45	58.0	0.0	0.0		0.0
8/16/2024 6:50	58.0	0.0	0.0		0.0
8/16/2024 6:55	58.0	0.0	0.0		0.0
8/16/2024 7:00	59.0	0.0	0.0		0.0
8/16/2024 7:05	59.0	0.0	0.0		0.0
8/16/2024 7:10	59.0	0.0	0.0		0.0
8/16/2024 7:15	60.0	2.0	3.0	WSW	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/16/2024 7:20	60.0	1.0	2.0	W	0.0
8/16/2024 7:25	60.0	1.0	3.0	W	0.0
8/16/2024 7:30	60.0	1.0	3.0	WSW	0.0
8/16/2024 7:35	60.0	2.0	3.0	WSW	0.0
8/16/2024 7:40	61.0	2.0	3.0	W	0.0
8/16/2024 7:45	61.0	1.0	3.0	W	0.0
8/16/2024 7:50	62.0	1.0	2.0	WSW	0.0
8/16/2024 7:55	62.0	1.0	3.0	W	0.0
8/16/2024 8:00	62.0	1.0	3.0	WSW	0.0
8/16/2024 8:05	63.0	1.0	2.0	W	0.0
8/16/2024 8:10	64.0	0.0	3.0	WNW	0.0
8/16/2024 8:15	64.0	1.0	3.0	W	0.0
8/16/2024 8:20	64.0	0.0	3.0	NNE	0.0
8/16/2024 8:25	64.0	1.0	4.0	NNE	0.0
8/16/2024 8:30	65.0	2.0	5.0	NNE	0.0
8/16/2024 8:35	64.0	2.0	4.0	ENE	0.0
8/16/2024 8:40	64.0	1.0	4.0	N	0.0
8/16/2024 8:45	65.0	1.0	4.0	N	0.0
8/16/2024 8:50	65.0	2.0	5.0	N	0.0
8/16/2024 8:55	65.0	1.0	3.0	N	0.0
8/16/2024 9:00	65.0	2.0	4.0	NE	0.0
8/16/2024 9:05	65.0	1.0	2.0	NE	0.0
8/16/2024 9:10	65.0	2.0	3.0	NNE	0.0
8/16/2024 9:15	65.0	1.0	3.0	NNE	0.0
8/16/2024 9:20	66.0	1.0	3.0	ESE	0.0
8/16/2024 9:25	66.0	2.0	3.0	ESE	0.0
8/16/2024 9:30	66.0	3.0	6.0	E	0.0
8/16/2024 9:35	66.0	2.0	6.0	E	0.0
8/16/2024 9:40	66.0	3.0	7.0	E	0.0
8/16/2024 9:45	65.0	5.0	9.0	E	0.0
8/16/2024 9:50	65.0	5.0	9.0	ESE	0.0
8/16/2024 9:55	64.0	4.0	8.0	E	0.0
8/16/2024 10:00	64.0	4.0	8.0	ESE	0.0
8/16/2024 10:05	65.0	4.0	7.0	E	0.0
8/16/2024 10:10	65.0	3.0	6.0	E	0.0
8/16/2024 10:15	65.0	3.0	6.0	E	0.0
8/16/2024 10:20	65.0	4.0	7.0	ENE	0.0
8/16/2024 10:25	65.0	3.0	6.0	E	0.0
8/16/2024 10:30	65.0	2.0	6.0	ESE	0.0
8/16/2024 10:35	66.0	2.0	4.0	E	0.0
8/16/2024 10:40	66.0	2.0	4.0	NNE	0.0
8/16/2024 10:45	67.0	2.0	4.0	ESE	0.0
8/16/2024 10:50	67.0	2.0	4.0	E	0.0
8/16/2024 10:55	67.0	3.0	6.0	ESE	0.0
8/16/2024 11:00	67.0	3.0	4.0	E	0.0
8/16/2024 11:05	67.0	3.0	8.0	ESE	0.0
8/16/2024 11:10	68.0	4.0	9.0	E	0.0
8/16/2024 11:15	68.0	4.0	8.0	E	0.0
8/16/2024 11:20	68.0	4.0	8.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/16/2024 11:25	68.0	5.0	9.0	E	0.0
8/16/2024 11:30	67.0	5.0	9.0	E	0.0
8/16/2024 11:35	67.0	4.0	7.0	ESE	0.0
8/16/2024 11:40	67.0	4.0	7.0	ESE	0.0
8/16/2024 11:45	67.0	4.0	7.0	E	0.0
8/16/2024 11:50	67.0	5.0	9.0	E	0.0
8/16/2024 11:55	67.0	5.0	8.0	ESE	0.0
8/16/2024 12:00	67.0	4.0	8.0	SE	0.0
8/16/2024 12:05	67.0	4.0	9.0	E	0.0
8/16/2024 12:10	67.0	4.0	8.0	ESE	0.0
8/16/2024 12:15	67.0	5.0	9.0	E	0.0
8/16/2024 12:20	68.0	5.0	9.0	E	0.0
8/16/2024 12:25	68.0	4.0	8.0	ESE	0.0
8/16/2024 12:30	68.0	5.0	9.0	E	0.0
8/16/2024 12:35	68.0	6.0	10.0	ESE	0.0
8/16/2024 12:40	68.0	7.0	10.0	ESE	0.0
8/16/2024 12:45	68.0	5.0	9.0	E	0.0
8/16/2024 12:50	68.0	7.0	13.0	E	0.0
8/16/2024 12:55	68.0	8.0	12.0	E	0.0
8/16/2024 13:00	68.0	8.0	14.0	E	0.0
8/16/2024 13:05	68.0	8.0	14.0	E	0.0
8/16/2024 13:10	68.0	9.0	16.0	E	0.0
8/16/2024 13:15	68.0	12.0	18.0	ENE	0.0
8/16/2024 13:20	68.0	11.0	16.0	ESE	0.0
8/16/2024 13:25	68.0	9.0	14.0	E	0.0
8/16/2024 13:30	68.0	10.0	16.0	E	0.0
8/16/2024 13:35	68.0	11.0	17.0	E	0.0
8/16/2024 13:40	68.0	12.0	17.0	E	0.0
8/16/2024 13:45	67.0	11.0	17.0	E	0.0
8/16/2024 13:50	67.0	11.0	18.0	E	0.0
8/16/2024 13:55	67.0	11.0	18.0	E	0.0
8/16/2024 14:00	67.0	11.0	19.0	ESE	0.0
8/16/2024 14:05	67.0	11.0	16.0	E	0.0
8/16/2024 14:10	67.0	11.0	18.0	E	0.0
8/16/2024 14:15	67.0	12.0	19.0	E	0.0
8/16/2024 14:20	67.0	11.0	19.0	E	0.0
8/16/2024 14:25	67.0	12.0	18.0	E	0.0
8/16/2024 14:30	67.0	10.0	17.0	E	0.0
8/16/2024 14:35	67.0	12.0	20.0	E	0.0
8/16/2024 14:40	67.0	11.0	18.0	NE	0.0
8/16/2024 14:45	67.0	12.0	17.0	ENE	0.0
8/16/2024 14:50	67.0	11.0	18.0	E	0.0
8/16/2024 14:55	67.0	11.0	19.0	E	0.0
8/16/2024 15:00	68.0	11.0	18.0	E	0.0
8/16/2024 15:05	68.0	12.0	19.0	E	0.0
8/16/2024 15:10	67.0	10.0	17.0	ENE	0.0
8/16/2024 15:15	68.0	10.0	17.0	E	0.0
8/16/2024 15:20	67.0	11.0	18.0	E	0.0
8/16/2024 15:25	67.0	12.0	17.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/16/2024 15:30	67.0	12.0	19.0	E	0.0
8/16/2024 15:35	67.0	11.0	19.0	ENE	0.0
8/16/2024 15:40	67.0	9.0	18.0	E	0.0
8/16/2024 15:45	68.0	9.0	17.0	ENE	0.0
8/16/2024 15:50	68.0	10.0	17.0	ESE	0.0
8/16/2024 15:55	68.0	9.0	14.0	E	0.0
8/16/2024 16:00	67.0	7.0	13.0	ESE	0.0
8/16/2024 16:05	68.0	9.0	16.0	E	0.0
8/16/2024 16:10	68.0	9.0	14.0	ESE	0.0
8/16/2024 16:15	68.0	9.0	15.0	E	0.0
8/16/2024 16:20	68.0	8.0	14.0	E	0.0
8/16/2024 16:25	67.0	8.0	16.0	ESE	0.0
8/16/2024 16:30	68.0	8.0	14.0	E	0.0
8/16/2024 16:35	68.0	8.0	12.0	E	0.0
8/16/2024 16:40	67.0	7.0	13.0	E	0.0
8/16/2024 16:45	68.0	8.0	17.0	ESE	0.0
8/16/2024 16:50	68.0	7.0	11.0	E	0.0
8/16/2024 16:55	68.0	7.0	13.0	E	0.0
8/16/2024 17:00	68.0	9.0	13.0	E	0.0
8/16/2024 17:05	68.0	8.0	12.0	ENE	0.0
8/16/2024 17:10	68.0	7.0	12.0	ESE	0.0
8/16/2024 17:15	68.0	7.0	12.0	ESE	0.0
8/16/2024 17:20	68.0	7.0	11.0	ENE	0.0
8/16/2024 17:25	68.0	6.0	10.0	NE	0.0
8/16/2024 17:30	68.0	8.0	12.0	E	0.0
8/16/2024 17:35	67.0	7.0	12.0	ESE	0.0
8/16/2024 17:40	67.0	8.0	13.0	ESE	0.0
8/16/2024 17:45	67.0	8.0	12.0	E	0.0
8/16/2024 17:50	67.0	7.0	12.0	ENE	0.0
8/16/2024 17:55	67.0	6.0	13.0	ESE	0.0
8/16/2024 18:00	67.0	7.0	12.0	ESE	0.0
8/22/2024 6:00	61.0	10.0	17.0	NE	0.0
8/22/2024 6:05	61.0	9.0	14.0	ENE	0.0
8/22/2024 6:10	61.0	8.0	15.0	ENE	0.0
8/22/2024 6:15	61.0	8.0	16.0	NE	0.0
8/22/2024 6:20	61.0	9.0	15.0	ENE	0.0
8/22/2024 6:25	61.0	8.0	16.0	ENE	0.0
8/22/2024 6:30	61.0	7.0	13.0	ENE	0.0
8/22/2024 6:35	61.0	8.0	15.0	ENE	0.0
8/22/2024 6:40	61.0	9.0	15.0	NE	0.0
8/22/2024 6:45	61.0	9.0	14.0	E	0.0
8/22/2024 6:50	61.0	8.0	15.0	NE	0.0
8/22/2024 6:55	61.0	7.0	16.0	ENE	0.0
8/22/2024 7:00	61.0	7.0	12.0	ENE	0.0
8/22/2024 7:05	61.0	6.0	11.0	NE	0.0
8/22/2024 7:10	61.0	5.0	10.0	ENE	0.0
8/22/2024 7:15	61.0	6.0	13.0	NE	0.0
8/22/2024 7:20	61.0	9.0	15.0	NE	0.0
8/22/2024 7:25	61.0	8.0	14.0	ENE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/22/2024 7:30	61.0	7.0	17.0	NE	0.0
8/22/2024 7:35	61.0	9.0	17.0	NE	0.0
8/22/2024 7:40	61.0	9.0	14.0	NE	0.0
8/22/2024 7:45	61.0	7.0	14.0	ENE	0.0
8/22/2024 7:50	61.0	5.0	10.0	NE	0.0
8/22/2024 7:55	61.0	7.0	14.0	ENE	0.0
8/22/2024 8:00	62.0	9.0	15.0	ENE	0.0
8/22/2024 8:05	62.0	6.0	13.0	E	0.0
8/22/2024 8:10	62.0	8.0	14.0	E	0.0
8/22/2024 8:15	62.0	7.0	14.0	ENE	0.0
8/22/2024 8:20	62.0	8.0	14.0	E	0.0
8/22/2024 8:25	62.0	8.0	15.0	ESE	0.0
8/22/2024 8:30	62.0	8.0	15.0	E	0.0
8/22/2024 8:35	62.0	7.0	11.0	ENE	0.0
8/22/2024 8:40	62.0	8.0	12.0	ENE	0.0
8/22/2024 8:45	62.0	7.0	16.0	ENE	0.0
8/22/2024 8:50	62.0	10.0	18.0	ENE	0.0
8/22/2024 8:55	62.0	9.0	16.0	ENE	0.0
8/22/2024 9:00	63.0	10.0	15.0	NE	0.0
8/22/2024 9:05	63.0	10.0	17.0	NE	0.0
8/22/2024 9:10	62.0	9.0	15.0	ESE	0.0
8/22/2024 9:15	62.0	10.0	14.0	ENE	0.0
8/22/2024 9:20	63.0	9.0	15.0	ENE	0.0
8/22/2024 9:25	62.0	9.0	15.0	E	0.0
8/22/2024 9:30	62.0	7.0	12.0	E	0.0
8/22/2024 9:35	63.0	7.0	14.0	E	0.0
8/22/2024 9:40	63.0	6.0	13.0	NE	0.0
8/22/2024 9:45	63.0	7.0	13.0	E	0.0
8/22/2024 9:50	63.0	7.0	15.0	E	0.0
8/22/2024 9:55	63.0	8.0	17.0	E	0.0
8/22/2024 10:00	64.0	9.0	14.0	E	0.0
8/22/2024 10:05	64.0	9.0	17.0	NE	0.0
8/22/2024 10:10	64.0	8.0	16.0	ENE	0.0
8/22/2024 10:15	64.0	10.0	19.0	ENE	0.0
8/22/2024 10:20	64.0	10.0	17.0	ENE	0.0
8/22/2024 10:25	64.0	10.0	19.0	E	0.0
8/22/2024 10:30	64.0	9.0	17.0	ENE	0.0
8/22/2024 10:35	64.0	8.0	14.0	NE	0.0
8/22/2024 10:40	64.0	9.0	15.0	ENE	0.0
8/22/2024 10:45	64.0	10.0	15.0	ESE	0.0
8/22/2024 10:50	64.0	9.0	17.0	E	0.0
8/22/2024 10:55	64.0	10.0	16.0	ESE	0.0
8/22/2024 11:00	64.0	11.0	18.0	E	0.0
8/22/2024 11:05	64.0	11.0	18.0	E	0.0
8/22/2024 11:10	65.0	10.0	17.0	ENE	0.0
8/22/2024 11:15	65.0	9.0	15.0	E	0.0
8/22/2024 11:20	66.0	8.0	16.0	E	0.0
8/22/2024 11:25	66.0	8.0	15.0	NE	0.0
8/22/2024 11:30	66.0	9.0	14.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/22/2024 11:35	66.0	9.0	15.0	ENE	0.0
8/22/2024 11:40	66.0	10.0	16.0	E	0.0
8/22/2024 11:45	66.0	11.0	18.0	E	0.0
8/22/2024 11:50	66.0	10.0	19.0	E	0.0
8/22/2024 11:55	66.0	11.0	17.0	E	0.0
8/22/2024 12:00	66.0	9.0	16.0	E	0.0
8/22/2024 12:05	66.0	11.0	17.0	ENE	0.0
8/22/2024 12:10	66.0	8.0	14.0	SSE	0.0
8/22/2024 12:15	66.0	10.0	16.0	ENE	0.0
8/22/2024 12:20	66.0	8.0	13.0	E	0.0
8/22/2024 12:25	66.0	10.0	17.0	ENE	0.0
8/22/2024 12:30	66.0	10.0	17.0	ENE	0.0
8/22/2024 12:35	67.0	9.0	15.0	NE	0.0
8/22/2024 12:40	67.0	8.0	16.0	ESE	0.0
8/22/2024 12:45	67.0	9.0	14.0	ENE	0.0
8/22/2024 12:50	67.0	8.0	16.0	ESE	0.0
8/22/2024 12:55	68.0	9.0	17.0	E	0.0
8/22/2024 13:00	68.0	10.0	17.0	E	0.0
8/22/2024 13:05	67.0	11.0	17.0	E	0.0
8/22/2024 13:10	67.0	10.0	15.0	NE	0.0
8/22/2024 13:15	67.0	10.0	18.0	ESE	0.0
8/22/2024 13:20	67.0	9.0	17.0	E	0.0
8/22/2024 13:25	68.0	10.0	17.0	ENE	0.0
8/22/2024 13:30	68.0	11.0	18.0	E	0.0
8/22/2024 13:35	67.0	10.0	17.0	E	0.0
8/22/2024 13:40	68.0	11.0	18.0	E	0.0
8/22/2024 13:45	68.0	10.0	19.0	E	0.0
8/22/2024 13:50	68.0	12.0	19.0	ESE	0.0
8/22/2024 13:55	67.0	12.0	19.0	E	0.0
8/22/2024 14:00	67.0	12.0	16.0	NNE	0.0
8/22/2024 14:05	67.0	11.0	19.0	ESE	0.0
8/22/2024 14:10	67.0	10.0	20.0	E	0.0
8/22/2024 14:15	68.0	12.0	19.0	ENE	0.0
8/22/2024 14:20	67.0	10.0	19.0	ENE	0.0
8/22/2024 14:25	68.0	11.0	16.0	E	0.0
8/22/2024 14:30	68.0	12.0	18.0	E	0.0
8/22/2024 14:35	68.0	13.0	21.0	E	0.0
8/22/2024 14:40	68.0	11.0	19.0	ENE	0.0
8/22/2024 14:45	68.0	11.0	19.0	E	0.0
8/22/2024 14:50	68.0	12.0	18.0	ENE	0.0
8/22/2024 14:55	68.0	12.0	19.0	ESE	0.0
8/22/2024 15:00	68.0	11.0	18.0	E	0.0
8/22/2024 15:05	68.0	11.0	17.0	ENE	0.0
8/22/2024 15:10	68.0	10.0	20.0	E	0.0
8/22/2024 15:15	68.0	12.0	18.0	E	0.0
8/22/2024 15:20	68.0	10.0	17.0	E	0.0
8/22/2024 15:25	68.0	9.0	18.0	E	0.0
8/22/2024 15:30	68.0	9.0	17.0	ENE	0.0
8/22/2024 15:35	68.0	11.0	19.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/22/2024 15:40	68.0	12.0	18.0	ESE	0.0
8/22/2024 15:45	68.0	12.0	18.0	NE	0.0
8/22/2024 15:50	68.0	11.0	17.0	E	0.0
8/22/2024 15:55	68.0	10.0	16.0	E	0.0
8/22/2024 16:00	68.0	11.0	16.0	E	0.0
8/22/2024 16:05	68.0	11.0	17.0	E	0.0
8/22/2024 16:10	68.0	10.0	15.0	ENE	0.0
8/22/2024 16:15	68.0	10.0	16.0	E	0.0
8/22/2024 16:20	68.0	10.0	15.0	E	0.0
8/22/2024 16:25	68.0	9.0	16.0	E	0.0
8/22/2024 16:30	68.0	9.0	16.0	ENE	0.0
8/22/2024 16:35	68.0	9.0	17.0	E	0.0
8/22/2024 16:40	68.0	7.0	14.0	E	0.0
8/22/2024 16:45	69.0	10.0	16.0	E	0.0
8/22/2024 16:50	69.0	8.0	14.0	ESE	0.0
8/22/2024 16:55	69.0	10.0	16.0	E	0.0
8/22/2024 17:00	68.0	10.0	16.0	E	0.0
8/22/2024 17:05	68.0	9.0	16.0	E	0.0
8/22/2024 17:10	68.0	10.0	16.0	ESE	0.0
8/22/2024 17:15	68.0	9.0	17.0	ENE	0.0
8/22/2024 17:20	69.0	10.0	14.0	ESE	0.0
8/22/2024 17:25	69.0	9.0	17.0	E	0.0
8/22/2024 17:30	68.0	12.0	19.0	E	0.0
8/22/2024 17:35	68.0	14.0	22.0	E	0.0
8/22/2024 17:40	68.0	13.0	20.0	E	0.0
8/22/2024 17:45	67.0	13.0	20.0	ESE	0.0
8/22/2024 17:50	67.0	12.0	22.0	E	0.0
8/22/2024 17:55	67.0	13.0	19.0	E	0.0
8/22/2024 18:00	67.0	12.0	20.0	ESE	0.0
8/23/2024 6:00	60.0	1.0	3.0	E	0.0
8/23/2024 6:05	60.0	0.0	0.0		0.0
8/23/2024 6:10	60.0	1.0	2.0	E	0.0
8/23/2024 6:15	60.0	0.0	3.0	ENE	0.0
8/23/2024 6:20	60.0	0.0	0.0		0.0
8/23/2024 6:25	60.0	0.0	0.0		0.0
8/23/2024 6:30	60.0	0.0	0.0		0.0
8/23/2024 6:35	60.0	0.0	0.0		0.0
8/23/2024 6:40	60.0	0.0	0.0		0.0
8/23/2024 6:45	60.0	0.0	0.0		0.0
8/23/2024 6:50	60.0	0.0	0.0		0.0
8/23/2024 6:55	60.0	0.0	0.0		0.0
8/23/2024 7:00	60.0	0.0	0.0		0.0
8/23/2024 7:05	60.0	0.0	0.0		0.0
8/23/2024 7:10	60.0	0.0	0.0		0.0
8/23/2024 7:15	60.0	0.0	0.0		0.0
8/23/2024 7:20	60.0	0.0	0.0		0.0
8/23/2024 7:25	61.0	2.0	4.0	NW	0.0
8/23/2024 7:30	61.0	3.0	7.0	W	0.0
8/23/2024 7:35	61.0	2.0	4.0	WNW	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/23/2024 7:40	61.0	2.0	3.0	WNW	0.0
8/23/2024 7:45	62.0	1.0	3.0	NW	0.0
8/23/2024 7:50	62.0	2.0	4.0	NNW	0.0
8/23/2024 7:55	62.0	0.0	2.0	NW	0.0
8/23/2024 8:00	62.0	1.0	5.0	NNW	0.0
8/23/2024 8:05	62.0	2.0	4.0	NNW	0.0
8/23/2024 8:10	62.0	3.0	6.0	WNW	0.0
8/23/2024 8:15	62.0	2.0	4.0	WNW	0.0
8/23/2024 8:20	62.0	2.0	4.0	NNW	0.0
8/23/2024 8:25	62.0	2.0	5.0	NNW	0.0
8/23/2024 8:30	62.0	2.0	6.0	WNW	0.0
8/23/2024 8:35	63.0	2.0	5.0	N	0.0
8/23/2024 8:40	63.0	2.0	4.0	WNW	0.0
8/23/2024 8:45	63.0	3.0	6.0	NNE	0.0
8/23/2024 8:50	63.0	4.0	7.0	NNE	0.0
8/23/2024 8:55	63.0	2.0	5.0	N	0.0
8/23/2024 9:00	63.0	3.0	6.0	NNW	0.0
8/23/2024 9:05	64.0	3.0	7.0	N	0.0
8/23/2024 9:10	64.0	1.0	5.0	NNW	0.0
8/23/2024 9:15	64.0	3.0	8.0	NNW	0.0
8/23/2024 9:20	64.0	3.0	7.0	NNW	0.0
8/23/2024 9:25	65.0	4.0	6.0	NNW	0.0
8/23/2024 9:30	65.0	2.0	6.0	NNW	0.0
8/23/2024 9:35	66.0	3.0	8.0	NW	0.0
8/23/2024 9:40	66.0	3.0	8.0	WNW	0.0
8/23/2024 9:45	66.0	3.0	7.0	WNW	0.0
8/23/2024 9:50	66.0	3.0	6.0	N	0.0
8/23/2024 9:55	66.0	4.0	9.0	W	0.0
8/23/2024 10:00	66.0	2.0	6.0	NNW	0.0
8/23/2024 10:05	67.0	2.0	4.0	E	0.0
8/23/2024 10:10	67.0	1.0	5.0	NNW	0.0
8/23/2024 10:15	67.0	2.0	6.0	N	0.0
8/23/2024 10:20	67.0	2.0	4.0	ESE	0.0
8/23/2024 10:25	67.0	3.0	6.0	NE	0.0
8/23/2024 10:30	68.0	3.0	6.0	NNW	0.0
8/23/2024 10:35	68.0	2.0	6.0	E	0.0
8/23/2024 10:40	67.0	1.0	4.0	E	0.0
8/23/2024 10:45	67.0	1.0	3.0	ENE	0.0
8/23/2024 10:50	68.0	3.0	6.0	NNW	0.0
8/23/2024 10:55	68.0	2.0	7.0	NNE	0.0
8/23/2024 11:00	69.0	3.0	7.0	N	0.0
8/23/2024 11:05	68.0	2.0	6.0	E	0.0
8/23/2024 11:10	68.0	3.0	8.0	ENE	0.0
8/23/2024 11:15	68.0	2.0	5.0	NE	0.0
8/23/2024 11:20	69.0	2.0	9.0	ENE	0.0
8/23/2024 11:25	69.0	4.0	8.0	E	0.0
8/23/2024 11:30	69.0	1.0	4.0	NW	0.0
8/23/2024 11:35	69.0	4.0	8.0	E	0.0
8/23/2024 11:40	69.0	2.0	5.0	ENE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/23/2024 11:45	69.0	4.0	6.0	NE	0.0
8/23/2024 11:50	69.0	3.0	7.0	ESE	0.0
8/23/2024 11:55	68.0	4.0	9.0	ESE	0.0
8/23/2024 12:00	68.0	3.0	7.0	E	0.0
8/23/2024 12:05	68.0	3.0	7.0	E	0.0
8/23/2024 12:10	68.0	3.0	8.0	E	0.0
8/23/2024 12:15	68.0	3.0	7.0	E	0.0
8/23/2024 12:20	68.0	3.0	5.0	ENE	0.0
8/23/2024 12:25	68.0	3.0	8.0	SE	0.0
8/23/2024 12:30	68.0	4.0	8.0	E	0.0
8/23/2024 12:35	68.0	4.0	8.0	ENE	0.0
8/23/2024 12:40	68.0	5.0	10.0	ENE	0.0
8/23/2024 12:45	68.0	5.0	9.0	ENE	0.0
8/23/2024 12:50	68.0	4.0	9.0	E	0.0
8/23/2024 12:55	68.0	5.0	10.0	E	0.0
8/23/2024 13:00	68.0	6.0	10.0	E	0.0
8/23/2024 13:05	67.0	6.0	11.0	ENE	0.0
8/23/2024 13:10	67.0	5.0	10.0	E	0.0
8/23/2024 13:15	68.0	7.0	11.0	ENE	0.0
8/23/2024 13:20	68.0	6.0	11.0	SE	0.0
8/23/2024 13:25	68.0	7.0	13.0	ESE	0.0
8/23/2024 13:30	68.0	7.0	13.0	ESE	0.0
8/23/2024 13:35	68.0	6.0	12.0	E	0.0
8/23/2024 13:40	68.0	7.0	13.0	E	0.0
8/23/2024 13:45	68.0	7.0	13.0	E	0.0
8/23/2024 13:50	68.0	7.0	11.0	ESE	0.0
8/23/2024 13:55	67.0	7.0	11.0	E	0.0
8/23/2024 14:00	67.0	8.0	11.0	ESE	0.0
8/23/2024 14:05	67.0	7.0	10.0	E	0.0
8/23/2024 14:10	68.0	6.0	10.0	ENE	0.0
8/23/2024 14:15	68.0	6.0	11.0	ESE	0.0
8/23/2024 14:20	68.0	6.0	10.0	ESE	0.0
8/23/2024 14:25	68.0	7.0	14.0	E	0.0
8/23/2024 14:30	68.0	7.0	13.0	E	0.0
8/23/2024 14:35	68.0	7.0	12.0	ESE	0.0
8/23/2024 14:40	68.0	7.0	13.0	ESE	0.0
8/23/2024 14:45	68.0	9.0	14.0	E	0.0
8/23/2024 14:50	68.0	9.0	14.0	E	0.0
8/23/2024 14:55	68.0	6.0	10.0	ESE	0.0
8/23/2024 15:00	68.0	7.0	13.0	E	0.0
8/23/2024 15:05	68.0	8.0	13.0	E	0.0
8/23/2024 15:10	67.0	9.0	15.0	E	0.0
8/23/2024 15:15	67.0	10.0	15.0	E	0.0
8/23/2024 15:20	67.0	9.0	16.0	ESE	0.0
8/23/2024 15:25	67.0	9.0	16.0	E	0.0
8/23/2024 15:30	67.0	8.0	13.0	E	0.0
8/23/2024 15:35	67.0	8.0	13.0	ESE	0.0
8/23/2024 15:40	67.0	8.0	14.0	ESE	0.0
8/23/2024 15:45	67.0	9.0	14.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/23/2024 15:50	67.0	9.0	16.0	SE	0.0
8/23/2024 15:55	67.0	8.0	16.0	E	0.0
8/23/2024 16:00	67.0	6.0	12.0	ESE	0.0
8/23/2024 16:05	67.0	9.0	15.0	E	0.0
8/23/2024 16:10	67.0	8.0	14.0	E	0.0
8/23/2024 16:15	67.0	6.0	11.0	ESE	0.0
8/23/2024 16:20	67.0	4.0	8.0	SE	0.0
8/23/2024 16:25	67.0	4.0	9.0	SSE	0.0
8/23/2024 16:30	68.0	4.0	8.0	E	0.0
8/23/2024 16:35	68.0	5.0	8.0	ESE	0.0
8/23/2024 16:40	68.0	7.0	11.0	E	0.0
8/23/2024 16:45	67.0	10.0	16.0	ESE	0.0
8/23/2024 16:50	67.0	10.0	16.0	E	0.0
8/23/2024 16:55	67.0	9.0	16.0	E	0.0
8/23/2024 17:00	67.0	10.0	15.0	ENE	0.0
8/23/2024 17:05	67.0	11.0	16.0	ESE	0.0
8/23/2024 17:10	67.0	12.0	19.0	E	0.0
8/23/2024 17:15	67.0	10.0	16.0	E	0.0
8/23/2024 17:20	67.0	11.0	19.0	ESE	0.0
8/23/2024 17:25	67.0	12.0	18.0	SE	0.0
8/23/2024 17:30	67.0	9.0	15.0	E	0.0
8/23/2024 17:35	67.0	12.0	17.0	ESE	0.0
8/23/2024 17:40	67.0	10.0	18.0	E	0.0
8/23/2024 17:45	67.0	12.0	18.0	E	0.0
8/23/2024 17:50	67.0	11.0	20.0	E	0.0
8/23/2024 17:55	67.0	11.0	18.0	E	0.0
8/23/2024 18:00	67.0	10.0	19.0	E	0.0
8/27/2024 6:00	58.0	0.0	0.0		0.0
8/27/2024 6:05	58.0	0.0	0.0		0.0
8/27/2024 6:10	58.0	0.0	0.0		0.0
8/27/2024 6:15	57.0	0.0	0.0		0.0
8/27/2024 6:20	57.0	0.0	0.0		0.0
8/27/2024 6:25	57.0	0.0	1.0	SE	0.0
8/27/2024 6:30	57.0	0.0	0.0		0.0
8/27/2024 6:35	57.0	0.0	0.0		0.0
8/27/2024 6:40	57.0	0.0	0.0		0.0
8/27/2024 6:45	57.0	0.0	0.0		0.0
8/27/2024 6:50	57.0	0.0	0.0		0.0
8/27/2024 6:55	57.0	0.0	1.0	SE	0.0
8/27/2024 7:00	57.0	0.0	1.0	SE	0.0
8/27/2024 7:05	58.0	0.0	0.0		0.0
8/27/2024 7:10	58.0	0.0	0.0		0.0
8/27/2024 7:15	58.0	0.0	0.0		0.0
8/27/2024 7:20	59.0	0.0	0.0		0.0
8/27/2024 7:25	59.0	0.0	0.0		0.0
8/27/2024 7:30	60.0	0.0	0.0		0.0
8/27/2024 7:35	60.0	0.0	0.0		0.0
8/27/2024 7:40	61.0	0.0	0.0		0.0
8/27/2024 7:45	61.0	0.0	0.0		0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/27/2024 7:50	62.0	0.0	1.0	SE	0.0
8/27/2024 7:55	63.0	0.0	1.0	SE	0.0
8/27/2024 8:00	64.0	0.0	0.0		0.0
8/27/2024 8:05	65.0	1.0	4.0	WSW	0.0
8/27/2024 8:10	65.0	1.0	4.0	WSW	0.0
8/27/2024 8:15	66.0	2.0	3.0	WSW	0.0
8/27/2024 8:20	66.0	1.0	3.0	W	0.0
8/27/2024 8:25	67.0	1.0	3.0	WNW	0.0
8/27/2024 8:30	67.0	1.0	3.0	NW	0.0
8/27/2024 8:35	68.0	1.0	2.0	N	0.0
8/27/2024 8:40	69.0	1.0	2.0	N	0.0
8/27/2024 8:45	69.0	1.0	2.0	N	0.0
8/27/2024 8:50	69.0	1.0	3.0	NNE	0.0
8/27/2024 8:55	69.0	0.0	2.0	NE	0.0
8/27/2024 9:00	70.0	0.0	1.0	NE	0.0
8/27/2024 9:05	70.0	1.0	2.0	NE	0.0
8/27/2024 9:10	70.0	1.0	3.0	ENE	0.0
8/27/2024 9:15	70.0	1.0	2.0	ENE	0.0
8/27/2024 9:20	69.0	1.0	3.0	ENE	0.0
8/27/2024 9:25	69.0	2.0	3.0	ENE	0.0
8/27/2024 9:30	69.0	1.0	3.0	E	0.0
8/27/2024 9:35	70.0	1.0	3.0	ENE	0.0
8/27/2024 9:40	70.0	2.0	4.0	NNE	0.0
8/27/2024 9:45	71.0	1.0	3.0	NNE	0.0
8/27/2024 9:50	71.0	2.0	4.0	E	0.0
8/27/2024 9:55	71.0	2.0	3.0	ESE	0.0
8/27/2024 10:00	71.0	1.0	4.0	ESE	0.0
8/27/2024 10:05	71.0	2.0	5.0	ENE	0.0
8/27/2024 10:10	71.0	3.0	5.0	NE	0.0
8/27/2024 10:15	71.0	5.0	8.0	E	0.0
8/27/2024 10:20	70.0	4.0	8.0	E	0.0
8/27/2024 10:25	70.0	4.0	6.0	ESE	0.0
8/27/2024 10:30	70.0	4.0	7.0	ESE	0.0
8/27/2024 10:35	70.0	4.0	8.0	ENE	0.0
8/27/2024 10:40	70.0	5.0	9.0	E	0.0
8/27/2024 10:45	70.0	6.0	9.0	E	0.0
8/27/2024 10:50	70.0	6.0	10.0	E	0.0
8/27/2024 10:55	70.0	6.0	9.0	E	0.0
8/27/2024 11:00	70.0	5.0	9.0	E	0.0
8/27/2024 11:05	70.0	5.0	9.0	E	0.0
8/27/2024 11:10	70.0	5.0	9.0	E	0.0
8/27/2024 11:15	70.0	5.0	8.0	E	0.0
8/27/2024 11:20	71.0	4.0	8.0	ESE	0.0
8/27/2024 11:25	71.0	4.0	7.0	ENE	0.0
8/27/2024 11:30	72.0	3.0	7.0	E	0.0
8/27/2024 11:35	72.0	4.0	8.0	ESE	0.0
8/27/2024 11:40	73.0	4.0	8.0	ENE	0.0
8/27/2024 11:45	73.0	4.0	7.0	E	0.0
8/27/2024 11:50	74.0	4.0	7.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/27/2024 11:55	74.0	5.0	8.0	E	0.0
8/27/2024 12:00	74.0	4.0	8.0	E	0.0
8/27/2024 12:05	74.0	4.0	8.0	E	0.0
8/27/2024 12:10	74.0	4.0	8.0	ESE	0.0
8/27/2024 12:15	74.0	4.0	7.0	E	0.0
8/27/2024 12:20	74.0	5.0	8.0	ESE	0.0
8/27/2024 12:25	74.0	5.0	8.0	ENE	0.0
8/27/2024 12:30	75.0	5.0	9.0	E	0.0
8/27/2024 12:35	75.0	5.0	9.0	ENE	0.0
8/27/2024 12:40	76.0	4.0	9.0	ENE	0.0
8/27/2024 12:45	76.0	5.0	9.0	E	0.0
8/27/2024 12:50	76.0	6.0	9.0	E	0.0
8/27/2024 12:55	76.0	6.0	10.0	E	0.0
8/27/2024 13:00	76.0	5.0	9.0	ENE	0.0
8/27/2024 13:05	77.0	6.0	9.0	E	0.0
8/27/2024 13:10	78.0	5.0	8.0	E	0.0
8/27/2024 13:15	78.0	5.0	10.0	ENE	0.0
8/27/2024 13:20	79.0	6.0	10.0	ENE	0.0
8/27/2024 13:25	80.0	6.0	10.0	E	0.0
8/27/2024 13:30	80.0	5.0	9.0	E	0.0
8/27/2024 13:35	80.0	5.0	10.0	E	0.0
8/27/2024 13:40	81.0	6.0	10.0	E	0.0
8/27/2024 13:45	81.0	5.0	9.0	E	0.0
8/27/2024 13:50	81.0	6.0	10.0	E	0.0
8/27/2024 13:55	82.0	5.0	9.0	E	0.0
8/27/2024 14:00	82.0	6.0	14.0	E	0.0
8/27/2024 14:05	82.0	5.0	11.0	SE	0.0
8/27/2024 14:10	83.0	6.0	11.0	E	0.0
8/27/2024 14:15	83.0	7.0	12.0	E	0.0
8/27/2024 14:20	83.0	7.0	14.0	E	0.0
8/27/2024 14:25	84.0	7.0	12.0	ESE	0.0
8/27/2024 14:30	84.0	8.0	13.0	E	0.0
8/27/2024 14:35	85.0	6.0	11.0	E	0.0
8/27/2024 14:40	85.0	6.0	11.0	ENE	0.0
8/27/2024 14:45	86.0	6.0	12.0	ESE	0.0
8/27/2024 14:50	86.0	8.0	12.0	ESE	0.0
8/27/2024 14:55	86.0	9.0	13.0	ESE	0.0
8/27/2024 15:00	86.0	8.0	11.0	SE	0.0
8/27/2024 15:05	86.0	7.0	13.0	SE	0.0
8/27/2024 15:10	86.0	7.0	14.0	ESE	0.0
8/27/2024 15:15	87.0	9.0	15.0	E	0.0
8/27/2024 15:20	87.0	8.0	14.0	E	0.0
8/27/2024 15:25	87.0	7.0	12.0	E	0.0
8/27/2024 15:30	87.0	7.0	12.0	ESE	0.0
8/27/2024 15:35	86.0	10.0	16.0	E	0.0
8/27/2024 15:40	86.0	9.0	16.0	E	0.0
8/27/2024 15:45	86.0	9.0	15.0	E	0.0
8/27/2024 15:50	86.0	10.0	15.0	E	0.0
8/27/2024 15:55	85.0	10.0	15.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/27/2024 16:00	85.0	8.0	15.0	E	0.0
8/27/2024 16:05	86.0	9.0	14.0	ESE	0.0
8/27/2024 16:10	86.0	8.0	15.0	E	0.0
8/27/2024 16:15	86.0	9.0	15.0	E	0.0
8/27/2024 16:20	85.0	9.0	12.0	ESE	0.0
8/27/2024 16:25	85.0	9.0	16.0	ENE	0.0
8/27/2024 16:30	86.0	7.0	13.0	ENE	0.0
8/27/2024 16:35	86.0	7.0	13.0	SE	0.0
8/27/2024 16:40	85.0	8.0	14.0	ESE	0.0
8/27/2024 16:45	85.0	7.0	12.0	E	0.0
8/27/2024 16:50	84.0	7.0	13.0	ESE	0.0
8/27/2024 16:55	84.0	8.0	12.0	E	0.0
8/27/2024 17:00	84.0	7.0	12.0	ESE	0.0
8/27/2024 17:05	83.0	7.0	13.0	ESE	0.0
8/27/2024 17:10	83.0	7.0	13.0	ESE	0.0
8/27/2024 17:15	83.0	8.0	15.0	E	0.0
8/27/2024 17:20	83.0	8.0	14.0	E	0.0
8/27/2024 17:25	83.0	7.0	14.0	ESE	0.0
8/27/2024 17:30	82.0	6.0	11.0	ESE	0.0
8/27/2024 17:35	82.0	8.0	13.0	ESE	0.0
8/27/2024 17:40	82.0	8.0	13.0	ESE	0.0
8/27/2024 17:45	82.0	8.0	14.0	E	0.0
8/27/2024 17:50	82.0	7.0	14.0	E	0.0
8/27/2024 17:55	82.0	7.0	13.0	ESE	0.0
8/27/2024 18:00	81.0	7.0	11.0	ESE	0.0
8/28/2024 6:00	61.0	0.0	0.0		0.0
8/28/2024 6:05	61.0	0.0	0.0		0.0
8/28/2024 6:10	61.0	0.0	0.0		0.0
8/28/2024 6:15	61.0	0.0	0.0		0.0
8/28/2024 6:20	61.0	0.0	0.0		0.0
8/28/2024 6:25	60.0	0.0	0.0		0.0
8/28/2024 6:30	60.0	0.0	0.0		0.0
8/28/2024 6:35	60.0	0.0	0.0		0.0
8/28/2024 6:40	60.0	0.0	0.0		0.0
8/28/2024 6:45	60.0	0.0	0.0		0.0
8/28/2024 6:50	60.0	0.0	0.0		0.0
8/28/2024 6:55	60.0	0.0	0.0		0.0
8/28/2024 7:00	60.0	0.0	0.0		0.0
8/28/2024 7:05	61.0	0.0	0.0		0.0
8/28/2024 7:10	61.0	0.0	0.0		0.0
8/28/2024 7:15	62.0	0.0	0.0		0.0
8/28/2024 7:20	62.0	0.0	0.0		0.0
8/28/2024 7:25	62.0	0.0	0.0		0.0
8/28/2024 7:30	63.0	0.0	0.0		0.0
8/28/2024 7:35	63.0	0.0	0.0		0.0
8/28/2024 7:40	64.0	0.0	0.0		0.0
8/28/2024 7:45	64.0	0.0	0.0		0.0
8/28/2024 7:50	65.0	0.0	1.0	SSE	0.0
8/28/2024 7:55	66.0	0.0	2.0	SSE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/28/2024 8:00	66.0	0.0	1.0	SSE	0.0
8/28/2024 8:05	67.0	0.0	1.0	SSE	0.0
8/28/2024 8:10	67.0	0.0	1.0	SSE	0.0
8/28/2024 8:15	68.0	0.0	1.0	SSE	0.0
8/28/2024 8:20	68.0	0.0	1.0	SSE	0.0
8/28/2024 8:25	69.0	0.0	0.0		0.0
8/28/2024 8:30	69.0	1.0	3.0	SSE	0.0
8/28/2024 8:35	69.0	0.0	3.0	ESE	0.0
8/28/2024 8:40	69.0	1.0	2.0	SSE	0.0
8/28/2024 8:45	68.0	0.0	2.0	SSE	0.0
8/28/2024 8:50	68.0	1.0	3.0	E	0.0
8/28/2024 8:55	68.0	0.0	2.0	E	0.0
8/28/2024 9:00	68.0	1.0	3.0	ENE	0.0
8/28/2024 9:05	69.0	1.0	4.0	ESE	0.0
8/28/2024 9:10	69.0	2.0	4.0	ESE	0.0
8/28/2024 9:15	69.0	2.0	4.0	ESE	0.0
8/28/2024 9:20	69.0	2.0	7.0	ESE	0.0
8/28/2024 9:25	69.0	3.0	4.0	NE	0.0
8/28/2024 9:30	69.0	1.0	4.0	NE	0.0
8/28/2024 9:35	69.0	3.0	4.0	E	0.0
8/28/2024 9:40	69.0	2.0	4.0	ESE	0.0
8/28/2024 9:45	70.0	3.0	6.0	E	0.0
8/28/2024 9:50	70.0	3.0	7.0	E	0.0
8/28/2024 9:55	70.0	3.0	6.0	ENE	0.0
8/28/2024 10:00	70.0	3.0	7.0	E	0.0
8/28/2024 10:05	70.0	3.0	6.0	E	0.0
8/28/2024 10:10	70.0	3.0	6.0	E	0.0
8/28/2024 10:15	70.0	3.0	7.0	E	0.0
8/28/2024 10:20	70.0	4.0	8.0	E	0.0
8/28/2024 10:25	70.0	5.0	8.0	ESE	0.0
8/28/2024 10:30	70.0	6.0	9.0	E	0.0
8/28/2024 10:35	70.0	5.0	8.0	E	0.0
8/28/2024 10:40	70.0	5.0	8.0	ENE	0.0
8/28/2024 10:45	70.0	6.0	9.0	ESE	0.0
8/28/2024 10:50	69.0	6.0	8.0	E	0.0
8/28/2024 10:55	70.0	5.0	8.0	E	0.0
8/28/2024 11:00	70.0	5.0	8.0	E	0.0
8/28/2024 11:05	70.0	4.0	8.0	E	0.0
8/28/2024 11:10	71.0	5.0	9.0	E	0.0
8/28/2024 11:15	71.0	6.0	9.0	SE	0.0
8/28/2024 11:20	71.0	7.0	10.0	E	0.0
8/28/2024 11:25	71.0	6.0	10.0	ENE	0.0
8/28/2024 11:30	72.0	5.0	11.0	E	0.0
8/28/2024 11:35	72.0	7.0	10.0	E	0.0
8/28/2024 11:40	72.0	5.0	10.0	NE	0.0
8/28/2024 11:45	72.0	6.0	11.0	E	0.0
8/28/2024 11:50	72.0	6.0	9.0	E	0.0
8/28/2024 11:55	72.0	7.0	11.0	E	0.0
8/28/2024 12:00	72.0	7.0	13.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/28/2024 12:05	72.0	7.0	14.0	ENE	0.0
8/28/2024 12:10	72.0	9.0	13.0	ESE	0.0
8/28/2024 12:15	72.0	8.0	14.0	ESE	0.0
8/28/2024 12:20	72.0	8.0	12.0	ENE	0.0
8/28/2024 12:25	72.0	8.0	12.0	E	0.0
8/28/2024 12:30	73.0	8.0	11.0	E	0.0
8/28/2024 12:35	73.0	8.0	13.0	E	0.0
8/28/2024 12:40	73.0	8.0	13.0	SE	0.0
8/28/2024 12:45	73.0	8.0	14.0	E	0.0
8/28/2024 12:50	73.0	6.0	11.0	ESE	0.0
8/28/2024 12:55	72.0	7.0	13.0	E	0.0
8/28/2024 13:00	72.0	7.0	13.0	E	0.0
8/28/2024 13:05	72.0	8.0	12.0	SE	0.0
8/28/2024 13:10	72.0	9.0	13.0	E	0.0
8/28/2024 13:15	72.0	9.0	15.0	E	0.0
8/28/2024 13:20	71.0	9.0	15.0	E	0.0
8/28/2024 13:25	71.0	9.0	16.0	E	0.0
8/28/2024 13:30	71.0	9.0	14.0	E	0.0
8/28/2024 13:35	71.0	9.0	13.0	E	0.0
8/28/2024 13:40	71.0	9.0	13.0	E	0.0
8/28/2024 13:45	71.0	10.0	15.0	ESE	0.0
8/28/2024 13:50	71.0	10.0	13.0	E	0.0
8/28/2024 13:55	71.0	9.0	15.0	SSE	0.0
8/28/2024 14:00	71.0	9.0	15.0	SE	0.0
8/28/2024 14:05	71.0	8.0	14.0	SE	0.0
8/28/2024 14:10	71.0	9.0	14.0	SE	0.0
8/28/2024 14:15	71.0	9.0	14.0	ESE	0.0
8/28/2024 14:20	71.0	10.0	16.0	ESE	0.0
8/28/2024 14:25	71.0	9.0	14.0	E	0.0
8/28/2024 14:30	71.0	10.0	15.0	E	0.0
8/28/2024 14:35	71.0	9.0	16.0	SE	0.0
8/28/2024 14:40	71.0	8.0	15.0	E	0.0
8/28/2024 14:45	71.0	10.0	15.0	E	0.0
8/28/2024 14:50	71.0	10.0	15.0	SE	0.0
8/28/2024 14:55	71.0	9.0	15.0	ESE	0.0
8/28/2024 15:00	71.0	10.0	16.0	E	0.0
8/28/2024 15:05	71.0	9.0	12.0	ESE	0.0
8/28/2024 15:10	71.0	9.0	14.0	SSE	0.0
8/28/2024 15:15	71.0	9.0	13.0	SE	0.0
8/28/2024 15:20	71.0	9.0	14.0	ESE	0.0
8/28/2024 15:25	72.0	8.0	14.0	SE	0.0
8/28/2024 15:30	72.0	7.0	14.0	ESE	0.0
8/28/2024 15:35	72.0	9.0	15.0	SE	0.0
8/28/2024 15:40	72.0	10.0	15.0	E	0.0
8/28/2024 15:45	71.0	9.0	15.0	E	0.0
8/28/2024 15:50	71.0	8.0	13.0	SSE	0.0
8/28/2024 15:55	71.0	7.0	15.0	E	0.0
8/28/2024 16:00	72.0	9.0	16.0	ESE	0.0
8/28/2024 16:05	71.0	8.0	16.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/28/2024 16:10	72.0	7.0	12.0	ESE	0.0
8/28/2024 16:15	72.0	9.0	16.0	E	0.0
8/28/2024 16:20	71.0	8.0	17.0	ESE	0.0
8/28/2024 16:25	71.0	8.0	14.0	ESE	0.0
8/28/2024 16:30	71.0	8.0	15.0	SE	0.0
8/28/2024 16:35	71.0	7.0	13.0	SE	0.0
8/28/2024 16:40	71.0	9.0	16.0	ESE	0.0
8/28/2024 16:45	71.0	8.0	14.0	ESE	0.0
8/28/2024 16:50	71.0	8.0	15.0	E	0.0
8/28/2024 16:55	71.0	7.0	14.0	SSE	0.0
8/28/2024 17:00	71.0	8.0	13.0	ESE	0.0
8/28/2024 17:05	71.0	7.0	13.0	ESE	0.0
8/28/2024 17:10	71.0	8.0	14.0	SE	0.0
8/28/2024 17:15	72.0	8.0	16.0	ESE	0.0
8/28/2024 17:20	71.0	8.0	14.0	SE	0.0
8/28/2024 17:25	71.0	8.0	13.0	SE	0.0
8/28/2024 17:30	71.0	7.0	13.0	ESE	0.0
8/28/2024 17:35	71.0	8.0	12.0	SE	0.0
8/28/2024 17:40	71.0	7.0	13.0	E	0.0
8/28/2024 17:45	70.0	8.0	14.0	SE	0.0
8/28/2024 17:50	70.0	10.0	15.0	ESE	0.0
8/28/2024 17:55	69.0	10.0	15.0	ESE	0.0
8/28/2024 18:00	69.0	8.0	14.0	E	0.0
8/29/2024 6:00	60.0	1.0	4.0	SE	0.0
8/29/2024 6:05	60.0	1.0	3.0	ESE	0.0
8/29/2024 6:10	60.0	2.0	4.0	S	0.0
8/29/2024 6:15	60.0	1.0	3.0	SE	0.0
8/29/2024 6:20	60.0	0.0	2.0	SE	0.0
8/29/2024 6:25	60.0	0.0	0.0		0.0
8/29/2024 6:30	60.0	2.0	6.0	SW	0.0
8/29/2024 6:35	60.0	2.0	7.0	SSW	0.0
8/29/2024 6:40	60.0	1.0	2.0	SSW	0.0
8/29/2024 6:45	60.0	0.0	3.0	SW	0.0
8/29/2024 6:50	60.0	1.0	4.0	SSW	0.0
8/29/2024 6:55	60.0	2.0	4.0	SSW	0.0
8/29/2024 7:00	60.0	2.0	5.0	S	0.0
8/29/2024 7:05	60.0	1.0	3.0	SSW	0.0
8/29/2024 7:10	60.0	1.0	3.0	S	0.0
8/29/2024 7:15	60.0	0.0	2.0	ESE	0.0
8/29/2024 7:20	60.0	1.0	4.0	S	0.0
8/29/2024 7:25	60.0	1.0	3.0	S	0.0
8/29/2024 7:30	60.0	1.0	3.0	SW	0.0
8/29/2024 7:35	61.0	0.0	2.0	SSE	0.0
8/29/2024 7:40	61.0	1.0	2.0	S	0.0
8/29/2024 7:45	61.0	1.0	3.0	SSW	0.0
8/29/2024 7:50	61.0	2.0	4.0	ESE	0.0
8/29/2024 7:55	61.0	3.0	5.0	S	0.0
8/29/2024 8:00	61.0	1.0	4.0	S	0.0
8/29/2024 8:05	61.0	0.0	2.0	SSW	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/29/2024 8:10	61.0	0.0	2.0	SSE	0.0
8/29/2024 8:15	61.0	0.0	2.0	SSE	0.0
8/29/2024 8:20	61.0	1.0	3.0	ESE	0.0
8/29/2024 8:25	61.0	1.0	3.0	SSW	0.0
8/29/2024 8:30	61.0	0.0	3.0	S	0.0
8/29/2024 8:35	61.0	2.0	4.0	SSW	0.0
8/29/2024 8:40	61.0	1.0	2.0	SE	0.0
8/29/2024 8:45	62.0	0.0	0.0		0.0
8/29/2024 8:50	62.0	0.0	0.0		0.0
8/29/2024 8:55	62.0	0.0	0.0		0.0
8/29/2024 9:00	62.0	0.0	0.0		0.0
8/29/2024 9:05	62.0	0.0	0.0		0.0
8/29/2024 9:10	62.0	1.0	4.0	E	0.0
8/29/2024 9:15	62.0	2.0	6.0	E	0.0
8/29/2024 9:20	62.0	2.0	7.0	E	0.0
8/29/2024 9:25	62.0	3.0	8.0	ESE	0.0
8/29/2024 9:30	62.0	4.0	8.0	ESE	0.0
8/29/2024 9:35	63.0	2.0	4.0	ESE	0.0
8/29/2024 9:40	63.0	2.0	6.0	E	0.0
8/29/2024 9:45	63.0	1.0	4.0	E	0.0
8/29/2024 9:50	63.0	3.0	6.0	E	0.0
8/29/2024 9:55	64.0	3.0	7.0	ESE	0.0
8/29/2024 10:00	63.0	4.0	7.0	ENE	0.0
8/29/2024 10:05	63.0	4.0	8.0	ENE	0.0
8/29/2024 10:10	64.0	4.0	9.0	E	0.0
8/29/2024 10:15	64.0	4.0	9.0	E	0.0
8/29/2024 10:20	64.0	3.0	8.0	ENE	0.0
8/29/2024 10:25	64.0	3.0	8.0	ENE	0.0
8/29/2024 10:30	65.0	3.0	8.0	ENE	0.0
8/29/2024 10:35	65.0	5.0	10.0	ENE	0.0
8/29/2024 10:40	65.0	5.0	9.0	ENE	0.0
8/29/2024 10:45	65.0	4.0	9.0	ENE	0.0
8/29/2024 10:50	65.0	3.0	9.0	E	0.0
8/29/2024 10:55	65.0	5.0	10.0	E	0.0
8/29/2024 11:00	65.0	5.0	9.0	E	0.0
8/29/2024 11:05	65.0	6.0	10.0	ENE	0.0
8/29/2024 11:10	65.0	6.0	10.0	ESE	0.0
8/29/2024 11:15	64.0	6.0	11.0	E	0.0
8/29/2024 11:20	65.0	6.0	11.0	ENE	0.0
8/29/2024 11:25	65.0	6.0	10.0	ESE	0.0
8/29/2024 11:30	65.0	4.0	11.0	ENE	0.0
8/29/2024 11:35	65.0	6.0	11.0	E	0.0
8/29/2024 11:40	65.0	6.0	11.0	ENE	0.0
8/29/2024 11:45	65.0	6.0	9.0	E	0.0
8/29/2024 11:50	66.0	5.0	9.0	E	0.0
8/29/2024 11:55	66.0	5.0	9.0	E	0.0
8/29/2024 12:00	66.0	6.0	13.0	E	0.0
8/29/2024 12:05	66.0	6.0	10.0	E	0.0
8/29/2024 12:10	66.0	6.0	12.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/29/2024 12:15	66.0	6.0	11.0	E	0.0
8/29/2024 12:20	66.0	6.0	12.0	E	0.0
8/29/2024 12:25	66.0	6.0	11.0	SE	0.0
8/29/2024 12:30	67.0	6.0	9.0	ESE	0.0
8/29/2024 12:35	67.0	6.0	11.0	E	0.0
8/29/2024 12:40	68.0	7.0	12.0	E	0.0
8/29/2024 12:45	68.0	7.0	12.0	ESE	0.0
8/29/2024 12:50	68.0	5.0	9.0	ESE	0.0
8/29/2024 12:55	68.0	5.0	10.0	ESE	0.0
8/29/2024 13:00	68.0	7.0	11.0	ESE	0.0
8/29/2024 13:05	68.0	7.0	12.0	E	0.0
8/29/2024 13:10	69.0	6.0	12.0	ESE	0.0
8/29/2024 13:15	69.0	8.0	14.0	E	0.0
8/29/2024 13:20	69.0	8.0	13.0	ESE	0.0
8/29/2024 13:25	69.0	7.0	15.0	E	0.0
8/29/2024 13:30	69.0	8.0	15.0	E	0.0
8/29/2024 13:35	69.0	9.0	14.0	ESE	0.0
8/29/2024 13:40	69.0	8.0	16.0	E	0.0
8/29/2024 13:45	69.0	7.0	12.0	SE	0.0
8/29/2024 13:50	69.0	10.0	16.0	ESE	0.0
8/29/2024 13:55	69.0	10.0	16.0	E	0.0
8/29/2024 14:00	68.0	9.0	17.0	E	0.0
8/29/2024 14:05	68.0	10.0	15.0	E	0.0
8/29/2024 14:10	68.0	9.0	16.0	E	0.0
8/29/2024 14:15	68.0	9.0	17.0	E	0.0
8/29/2024 14:20	68.0	10.0	16.0	E	0.0
8/29/2024 14:25	68.0	9.0	17.0	E	0.0
8/29/2024 14:30	68.0	10.0	17.0	E	0.0
8/29/2024 14:35	68.0	10.0	17.0	E	0.0
8/29/2024 14:40	68.0	9.0	15.0	ESE	0.0
8/29/2024 14:45	68.0	9.0	17.0	E	0.0
8/29/2024 14:50	68.0	10.0	17.0	E	0.0
8/29/2024 14:55	68.0	9.0	14.0	E	0.0
8/29/2024 15:00	68.0	8.0	15.0	SE	0.0
8/29/2024 15:05	68.0	9.0	17.0	ESE	0.0
8/29/2024 15:10	68.0	8.0	14.0	ESE	0.0
8/29/2024 15:15	68.0	9.0	13.0	E	0.0
8/29/2024 15:20	68.0	9.0	14.0	SE	0.0
8/29/2024 15:25	68.0	10.0	19.0	E	0.0
8/29/2024 15:30	68.0	7.0	13.0	SE	0.0
8/29/2024 15:35	68.0	8.0	15.0	ESE	0.0
8/29/2024 15:40	68.0	8.0	14.0	ESE	0.0
8/29/2024 15:45	68.0	9.0	16.0	E	0.0
8/29/2024 15:50	68.0	8.0	13.0	E	0.0
8/29/2024 15:55	68.0	7.0	15.0	E	0.0
8/29/2024 16:00	68.0	8.0	16.0	SE	0.0
8/29/2024 16:05	68.0	8.0	15.0	SE	0.0
8/29/2024 16:10	68.0	7.0	10.0	SE	0.0
8/29/2024 16:15	68.0	7.0	14.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
8/29/2024 16:20	68.0	8.0	15.0	E	0.0
8/29/2024 16:25	68.0	8.0	15.0	E	0.0
8/29/2024 16:30	68.0	6.0	12.0	SE	0.0
8/29/2024 16:35	69.0	8.0	13.0	SE	0.0
8/29/2024 16:40	68.0	9.0	16.0	SE	0.0
8/29/2024 16:45	68.0	8.0	16.0	E	0.0
8/29/2024 16:50	68.0	7.0	14.0	SE	0.0
8/29/2024 16:55	68.0	9.0	13.0	E	0.0
8/29/2024 17:00	68.0	6.0	11.0	S	0.0
8/29/2024 17:05	68.0	7.0	14.0	E	0.0
8/29/2024 17:10	68.0	8.0	13.0	SE	0.0
8/29/2024 17:15	68.0	7.0	16.0	E	0.0
8/29/2024 17:20	68.0	6.0	11.0	E	0.0
8/29/2024 17:25	68.0	8.0	16.0	E	0.0
8/29/2024 17:30	68.0	7.0	12.0	ESE	0.0
8/29/2024 17:35	68.0	5.0	16.0	E	0.0
8/29/2024 17:40	68.0	7.0	13.0	SE	0.0
8/29/2024 17:45	68.0	7.0	12.0	ESE	0.0
8/29/2024 17:50	68.0	7.0	13.0	E	0.0
8/29/2024 17:55	68.0	5.0	9.0	E	0.0
8/29/2024 18:00	68.0	6.0	13.0	ESE	0.0
9/4/2024 6:00	60.0	1.0	3.0	S	0.0
9/4/2024 6:05	60.0	1.0	3.0	SSW	0.0
9/4/2024 6:10	60.0	0.0	3.0	S	0.0
9/4/2024 6:15	60.0	1.0	4.0	S	0.0
9/4/2024 6:20	60.0	1.0	3.0	SSW	0.0
9/4/2024 6:25	60.0	0.0	3.0	SSW	0.0
9/4/2024 6:30	60.0	1.0	4.0	S	0.0
9/4/2024 6:35	60.0	1.0	3.0	S	0.0
9/4/2024 6:40	60.0	1.0	3.0	SSW	0.0
9/4/2024 6:45	60.0	0.0	3.0	SSE	0.0
9/4/2024 6:50	60.0	0.0	3.0	SSE	0.0
9/4/2024 6:55	60.0	1.0	3.0	SSE	0.0
9/4/2024 7:00	60.0	0.0	1.0	SSE	0.0
9/4/2024 7:05	60.0	0.0	1.0	SSE	0.0
9/4/2024 7:10	60.0	0.0	1.0	SSE	0.0
9/4/2024 7:15	60.0	0.0	2.0	SSE	0.0
9/4/2024 7:20	60.0	0.0	2.0	SSE	0.0
9/4/2024 7:25	60.0	0.0	1.0	SSE	0.0
9/4/2024 7:30	61.0	0.0	2.0	SSE	0.0
9/4/2024 7:35	61.0	1.0	2.0	SSE	0.0
9/4/2024 7:40	61.0	0.0	2.0	SE	0.0
9/4/2024 7:45	61.0	0.0	2.0	ESE	0.0
9/4/2024 7:50	62.0	0.0	0.0		0.0
9/4/2024 7:55	62.0	1.0	3.0	SSE	0.0
9/4/2024 8:00	62.0	0.0	2.0	SSE	0.0
9/4/2024 8:05	62.0	1.0	3.0	E	0.0
9/4/2024 8:10	63.0	0.0	2.0	SSE	0.0
9/4/2024 8:15	63.0	1.0	4.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/4/2024 8:20	63.0	2.0	4.0	E	0.0
9/4/2024 8:25	63.0	2.0	4.0	ESE	0.0
9/4/2024 8:30	63.0	2.0	4.0	ESE	0.0
9/4/2024 8:35	63.0	2.0	6.0	E	0.0
9/4/2024 8:40	63.0	2.0	4.0	E	0.0
9/4/2024 8:45	64.0	2.0	4.0	E	0.0
9/4/2024 8:50	64.0	1.0	4.0	E	0.0
9/4/2024 8:55	64.0	2.0	6.0	E	0.0
9/4/2024 9:00	64.0	3.0	7.0	E	0.0
9/4/2024 9:05	64.0	2.0	6.0	E	0.0
9/4/2024 9:10	65.0	2.0	4.0	E	0.0
9/4/2024 9:15	65.0	3.0	6.0	E	0.0
9/4/2024 9:20	65.0	2.0	6.0	E	0.0
9/4/2024 9:25	65.0	2.0	8.0	E	0.0
9/4/2024 9:30	66.0	3.0	7.0	E	0.0
9/4/2024 9:35	66.0	2.0	7.0	ESE	0.0
9/4/2024 9:40	66.0	4.0	7.0	E	0.0
9/4/2024 9:45	66.0	3.0	6.0	E	0.0
9/4/2024 9:50	66.0	2.0	6.0	E	0.0
9/4/2024 9:55	67.0	3.0	6.0	E	0.0
9/4/2024 10:00	67.0	3.0	7.0	E	0.0
9/4/2024 10:05	67.0	4.0	8.0	ENE	0.0
9/4/2024 10:10	67.0	4.0	8.0	E	0.0
9/4/2024 10:15	68.0	3.0	8.0	ENE	0.0
9/4/2024 10:20	68.0	3.0	7.0	E	0.0
9/4/2024 10:25	68.0	4.0	7.0	ESE	0.0
9/4/2024 10:30	68.0	5.0	9.0	E	0.0
9/4/2024 10:35	68.0	4.0	9.0	E	0.0
9/4/2024 10:40	68.0	5.0	9.0	E	0.0
9/4/2024 10:45	68.0	6.0	9.0	E	0.0
9/4/2024 10:50	68.0	5.0	9.0	E	0.0
9/4/2024 10:55	68.0	4.0	8.0	E	0.0
9/4/2024 11:00	68.0	6.0	9.0	ESE	0.0
9/4/2024 11:05	68.0	4.0	8.0	E	0.0
9/4/2024 11:10	68.0	5.0	8.0	E	0.0
9/4/2024 11:15	68.0	4.0	7.0	ESE	0.0
9/4/2024 11:20	69.0	5.0	9.0	E	0.0
9/4/2024 11:25	69.0	5.0	8.0	ESE	0.0
9/4/2024 11:30	69.0	4.0	8.0	E	0.0
9/4/2024 11:35	70.0	4.0	8.0	E	0.0
9/4/2024 11:40	70.0	3.0	7.0	ESE	0.0
9/4/2024 11:45	71.0	4.0	7.0	E	0.0
9/4/2024 11:50	71.0	4.0	8.0	E	0.0
9/4/2024 11:55	72.0	4.0	8.0	E	0.0
9/4/2024 12:00	72.0	4.0	7.0	E	0.0
9/4/2024 12:05	72.0	5.0	8.0	E	0.0
9/4/2024 12:10	72.0	5.0	9.0	ESE	0.0
9/4/2024 12:15	73.0	3.0	9.0	E	0.0
9/4/2024 12:20	73.0	4.0	9.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/4/2024 12:25	73.0	4.0	8.0	E	0.0
9/4/2024 12:30	74.0	5.0	10.0	E	0.0
9/4/2024 12:35	74.0	6.0	10.0	E	0.0
9/4/2024 12:40	74.0	7.0	9.0	E	0.0
9/4/2024 12:45	73.0	7.0	10.0	E	0.0
9/4/2024 12:50	73.0	7.0	10.0	E	0.0
9/4/2024 12:55	72.0	6.0	9.0	E	0.0
9/4/2024 13:00	73.0	7.0	11.0	E	0.0
9/4/2024 13:05	73.0	7.0	11.0	E	0.0
9/4/2024 13:10	73.0	6.0	11.0	ESE	0.0
9/4/2024 13:15	73.0	6.0	10.0	ESE	0.0
9/4/2024 13:20	73.0	6.0	9.0	E	0.0
9/4/2024 13:25	74.0	7.0	11.0	E	0.0
9/4/2024 13:30	74.0	5.0	10.0	E	0.0
9/4/2024 13:35	75.0	4.0	8.0	E	0.0
9/4/2024 13:40	75.0	4.0	9.0	E	0.0
9/4/2024 13:45	76.0	4.0	9.0	E	0.0
9/4/2024 13:50	76.0	7.0	12.0	E	0.0
9/4/2024 13:55	75.0	7.0	12.0	ESE	0.0
9/4/2024 14:00	75.0	8.0	12.0	E	0.0
9/4/2024 14:05	75.0	8.0	11.0	ESE	0.0
9/4/2024 14:10	75.0	8.0	11.0	E	0.0
9/4/2024 14:15	75.0	7.0	11.0	E	0.0
9/4/2024 14:20	76.0	7.0	11.0	ESE	0.0
9/4/2024 14:25	76.0	5.0	12.0	ESE	0.0
9/4/2024 14:30	76.0	5.0	9.0	SE	0.0
9/4/2024 14:35	77.0	4.0	8.0	E	0.0
9/4/2024 14:40	77.0	7.0	13.0	E	0.0
9/4/2024 14:45	76.0	8.0	11.0	E	0.0
9/4/2024 14:50	76.0	7.0	11.0	E	0.0
9/4/2024 14:55	76.0	7.0	12.0	ESE	0.0
9/4/2024 15:00	76.0	7.0	12.0	E	0.0
9/4/2024 15:05	77.0	6.0	10.0	ESE	0.0
9/4/2024 15:10	77.0	7.0	14.0	E	0.0
9/4/2024 15:15	76.0	8.0	14.0	E	0.0
9/4/2024 15:20	76.0	9.0	14.0	ESE	0.0
9/4/2024 15:25	76.0	7.0	14.0	ESE	0.0
9/4/2024 15:30	76.0	5.0	11.0	E	0.0
9/4/2024 15:35	76.0	5.0	11.0	ESE	0.0
9/4/2024 15:40	77.0	5.0	10.0	E	0.0
9/4/2024 15:45	77.0	7.0	12.0	E	0.0
9/4/2024 15:50	77.0	7.0	10.0	ESE	0.0
9/4/2024 15:55	77.0	5.0	10.0	E	0.0
9/4/2024 16:00	77.0	8.0	12.0	E	0.0
9/4/2024 16:05	76.0	10.0	15.0	E	0.0
9/4/2024 16:10	76.0	8.0	14.0	E	0.0
9/4/2024 16:15	75.0	8.0	13.0	ESE	0.0
9/4/2024 16:20	75.0	8.0	16.0	ESE	0.0
9/4/2024 16:25	75.0	8.0	14.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/4/2024 16:30	74.0	9.0	14.0	ESE	0.0
9/4/2024 16:35	74.0	9.0	16.0	ESE	0.0
9/4/2024 16:40	73.0	10.0	16.0	ESE	0.0
9/4/2024 16:45	73.0	10.0	16.0	ESE	0.0
9/4/2024 16:50	72.0	9.0	15.0	E	0.0
9/4/2024 16:55	72.0	8.0	15.0	ESE	0.0
9/4/2024 17:00	72.0	7.0	13.0	E	0.0
9/4/2024 17:05	72.0	7.0	12.0	SE	0.0
9/4/2024 17:10	73.0	7.0	14.0	E	0.0
9/4/2024 17:15	72.0	9.0	15.0	ENE	0.0
9/4/2024 17:20	72.0	6.0	12.0	ESE	0.0
9/4/2024 17:25	72.0	10.0	16.0	ESE	0.0
9/4/2024 17:30	72.0	10.0	15.0	ESE	0.0
9/4/2024 17:35	71.0	8.0	15.0	E	0.0
9/4/2024 17:40	71.0	10.0	16.0	SSE	0.0
9/4/2024 17:45	70.0	9.0	18.0	ESE	0.0
9/4/2024 17:50	70.0	9.0	17.0	E	0.0
9/4/2024 17:55	70.0	10.0	17.0	E	0.0
9/4/2024 18:00	70.0	9.0	14.0	E	0.0
9/5/2024 6:00	58.0	1.0	3.0	S	0.0
9/5/2024 6:05	58.0	0.0	1.0	S	0.0
9/5/2024 6:10	58.0	1.0	2.0	S	0.0
9/5/2024 6:15	58.0	0.0	2.0	S	0.0
9/5/2024 6:20	58.0	0.0	2.0	S	0.0
9/5/2024 6:25	58.0	0.0	1.0	S	0.0
9/5/2024 6:30	58.0	0.0	0.0		0.0
9/5/2024 6:35	57.0	0.0	0.0		0.0
9/5/2024 6:40	57.0	0.0	0.0		0.0
9/5/2024 6:45	57.0	0.0	0.0		0.0
9/5/2024 6:50	57.0	0.0	0.0		0.0
9/5/2024 6:55	57.0	0.0	0.0		0.0
9/5/2024 7:00	57.0	0.0	0.0		0.0
9/5/2024 7:05	58.0	0.0	1.0	S	0.0
9/5/2024 7:10	58.0	0.0	1.0	S	0.0
9/5/2024 7:15	58.0	0.0	0.0		0.0
9/5/2024 7:20	58.0	0.0	0.0		0.0
9/5/2024 7:25	58.0	0.0	0.0		0.0
9/5/2024 7:30	59.0	0.0	0.0		0.0
9/5/2024 7:35	59.0	0.0	0.0		0.0
9/5/2024 7:40	59.0	0.0	0.0		0.0
9/5/2024 7:45	60.0	0.0	0.0		0.0
9/5/2024 7:50	60.0	0.0	0.0		0.0
9/5/2024 7:55	61.0	0.0	0.0		0.0
9/5/2024 8:00	62.0	0.0	0.0		0.0
9/5/2024 8:05	62.0	0.0	0.0		0.0
9/5/2024 8:10	63.0	0.0	0.0		0.0
9/5/2024 8:15	63.0	0.0	0.0		0.0
9/5/2024 8:20	63.0	0.0	2.0	S	0.0
9/5/2024 8:25	63.0	1.0	4.0	S	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/5/2024 8:30	63.0	0.0	1.0	S	0.0
9/5/2024 8:35	64.0	0.0	2.0	S	0.0
9/5/2024 8:40	64.0	1.0	3.0	NE	0.0
9/5/2024 8:45	64.0	2.0	4.0	E	0.0
9/5/2024 8:50	64.0	2.0	4.0	ESE	0.0
9/5/2024 8:55	64.0	1.0	4.0	E	0.0
9/5/2024 9:00	64.0	1.0	4.0	NNE	0.0
9/5/2024 9:05	64.0	3.0	6.0	NE	0.0
9/5/2024 9:10	64.0	2.0	4.0	ESE	0.0
9/5/2024 9:15	64.0	1.0	3.0	ESE	0.0
9/5/2024 9:20	64.0	1.0	4.0	E	0.0
9/5/2024 9:25	64.0	2.0	4.0	E	0.0
9/5/2024 9:30	64.0	1.0	4.0	SE	0.0
9/5/2024 9:35	64.0	1.0	2.0	ESE	0.0
9/5/2024 9:40	65.0	2.0	5.0	NNE	0.0
9/5/2024 9:45	65.0	2.0	6.0	E	0.0
9/5/2024 9:50	65.0	2.0	4.0	ENE	0.0
9/5/2024 9:55	65.0	3.0	6.0	E	0.0
9/5/2024 10:00	65.0	2.0	4.0	E	0.0
9/5/2024 10:05	65.0	3.0	6.0	E	0.0
9/5/2024 10:10	65.0	3.0	8.0	ENE	0.0
9/5/2024 10:15	65.0	4.0	7.0	E	0.0
9/5/2024 10:20	65.0	4.0	9.0	E	0.0
9/5/2024 10:25	65.0	5.0	9.0	E	0.0
9/5/2024 10:30	65.0	4.0	9.0	E	0.0
9/5/2024 10:35	65.0	3.0	6.0	E	0.0
9/5/2024 10:40	65.0	4.0	8.0	E	0.0
9/5/2024 10:45	65.0	4.0	7.0	E	0.0
9/5/2024 10:50	65.0	4.0	8.0	E	0.0
9/5/2024 10:55	65.0	4.0	7.0	E	0.0
9/5/2024 11:00	66.0	2.0	6.0	E	0.0
9/5/2024 11:05	66.0	4.0	7.0	SE	0.0
9/5/2024 11:10	66.0	4.0	7.0	E	0.0
9/5/2024 11:15	66.0	4.0	7.0	ESE	0.0
9/5/2024 11:20	67.0	4.0	7.0	E	0.0
9/5/2024 11:25	67.0	5.0	8.0	E	0.0
9/5/2024 11:30	67.0	4.0	8.0	E	0.0
9/5/2024 11:35	67.0	4.0	7.0	E	0.0
9/5/2024 11:40	68.0	3.0	7.0	E	0.0
9/5/2024 11:45	68.0	3.0	5.0	ESE	0.0
9/5/2024 11:50	68.0	3.0	6.0	ENE	0.0
9/5/2024 11:55	68.0	4.0	7.0	ESE	0.0
9/5/2024 12:00	69.0	4.0	8.0	E	0.0
9/5/2024 12:05	69.0	4.0	8.0	ESE	0.0
9/5/2024 12:10	69.0	5.0	9.0	E	0.0
9/5/2024 12:15	69.0	5.0	8.0	ESE	0.0
9/5/2024 12:20	69.0	6.0	9.0	E	0.0
9/5/2024 12:25	69.0	5.0	9.0	E	0.0
9/5/2024 12:30	69.0	6.0	9.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/5/2024 12:35	69.0	6.0	9.0	E	0.0
9/5/2024 12:40	69.0	6.0	10.0	ESE	0.0
9/5/2024 12:45	70.0	6.0	11.0	E	0.0
9/5/2024 12:50	70.0	6.0	10.0	E	0.0
9/5/2024 12:55	70.0	5.0	10.0	E	0.0
9/5/2024 13:00	71.0	6.0	9.0	E	0.0
9/5/2024 13:05	71.0	5.0	8.0	ESE	0.0
9/5/2024 13:10	72.0	6.0	9.0	E	0.0
9/5/2024 13:15	72.0	5.0	9.0	SE	0.0
9/5/2024 13:20	73.0	6.0	9.0	ESE	0.0
9/5/2024 13:25	73.0	5.0	10.0	E	0.0
9/5/2024 13:30	74.0	7.0	10.0	E	0.0
9/5/2024 13:35	74.0	6.0	11.0	E	0.0
9/5/2024 13:40	74.0	7.0	10.0	E	0.0
9/5/2024 13:45	74.0	8.0	11.0	E	0.0
9/5/2024 13:50	74.0	7.0	11.0	E	0.0
9/5/2024 13:55	74.0	6.0	10.0	ESE	0.0
9/5/2024 14:00	75.0	6.0	10.0	E	0.0
9/5/2024 14:05	75.0	6.0	10.0	ESE	0.0
9/5/2024 14:10	76.0	6.0	11.0	E	0.0
9/5/2024 14:15	76.0	6.0	10.0	E	0.0
9/5/2024 14:20	76.0	6.0	9.0	E	0.0
9/5/2024 14:25	77.0	6.0	10.0	E	0.0
9/5/2024 14:30	77.0	5.0	10.0	E	0.0
9/5/2024 14:35	77.0	7.0	10.0	E	0.0
9/5/2024 14:40	78.0	7.0	10.0	E	0.0
9/5/2024 14:45	78.0	7.0	11.0	ENE	0.0
9/5/2024 14:50	78.0	10.0	12.0	E	0.0
9/5/2024 14:55	77.0	8.0	13.0	E	0.0
9/5/2024 15:00	77.0	8.0	13.0	E	0.0
9/5/2024 15:05	77.0	9.0	13.0	E	0.0
9/5/2024 15:10	77.0	9.0	14.0	E	0.0
9/5/2024 15:15	77.0	8.0	14.0	E	0.0
9/5/2024 15:20	77.0	9.0	13.0	E	0.0
9/5/2024 15:25	77.0	7.0	13.0	E	0.0
9/5/2024 15:30	78.0	7.0	13.0	SE	0.0
9/5/2024 15:35	78.0	9.0	14.0	ESE	0.0
9/5/2024 15:40	78.0	9.0	15.0	E	0.0
9/5/2024 15:45	78.0	8.0	14.0	ENE	0.0
9/5/2024 15:50	78.0	8.0	14.0	E	0.0
9/5/2024 15:55	78.0	8.0	12.0	E	0.0
9/5/2024 16:00	78.0	7.0	11.0	E	0.0
9/5/2024 16:05	78.0	6.0	11.0	E	0.0
9/5/2024 16:10	78.0	8.0	13.0	E	0.0
9/5/2024 16:15	78.0	6.0	10.0	E	0.0
9/5/2024 16:20	79.0	6.0	10.0	ESE	0.0
9/5/2024 16:25	79.0	7.0	11.0	SE	0.0
9/5/2024 16:30	78.0	8.0	12.0	E	0.0
9/5/2024 16:35	78.0	6.0	11.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/5/2024 16:40	78.0	5.0	11.0	E	0.0
9/5/2024 16:45	79.0	4.0	8.0	SE	0.0
9/5/2024 16:50	79.0	4.0	9.0	SE	0.0
9/5/2024 16:55	79.0	5.0	9.0	E	0.0
9/5/2024 17:00	79.0	6.0	10.0	E	0.0
9/5/2024 17:05	78.0	8.0	12.0	E	0.0
9/5/2024 17:10	77.0	7.0	10.0	ENE	0.0
9/5/2024 17:15	77.0	9.0	12.0	E	0.0
9/5/2024 17:20	77.0	8.0	13.0	ESE	0.0
9/5/2024 17:25	77.0	7.0	13.0	E	0.0
9/5/2024 17:30	77.0	5.0	9.0	E	0.0
9/5/2024 17:35	77.0	5.0	9.0	ESE	0.0
9/5/2024 17:40	77.0	6.0	11.0	ESE	0.0
9/5/2024 17:45	77.0	6.0	11.0	E	0.0
9/5/2024 17:50	77.0	6.0	11.0	E	0.0
9/5/2024 17:55	76.0	5.0	11.0	SE	0.0
9/5/2024 18:00	76.0	7.0	12.0	ESE	0.0
9/6/2024 6:00	59.0	0.0	1.0	SE	0.0
9/6/2024 6:05	58.0	0.0	2.0	SE	0.0
9/6/2024 6:10	58.0	0.0	1.0	SE	0.0
9/6/2024 6:15	58.0	0.0	0.0		0.0
9/6/2024 6:20	58.0	0.0	0.0		0.0
9/6/2024 6:25	57.0	0.0	0.0		0.0
9/6/2024 6:30	57.0	0.0	0.0		0.0
9/6/2024 6:35	57.0	0.0	0.0		0.0
9/6/2024 6:40	58.0	0.0	0.0		0.0
9/6/2024 6:45	58.0	0.0	0.0		0.0
9/6/2024 6:50	58.0	0.0	0.0		0.0
9/6/2024 6:55	58.0	0.0	0.0		0.0
9/6/2024 7:00	58.0	0.0	2.0	SSW	0.0
9/6/2024 7:05	59.0	0.0	1.0	SSE	0.0
9/6/2024 7:10	59.0	0.0	2.0	SE	0.0
9/6/2024 7:15	60.0	0.0	0.0		0.0
9/6/2024 7:20	60.0	0.0	0.0		0.0
9/6/2024 7:25	60.0	0.0	0.0		0.0
9/6/2024 7:30	60.0	0.0	2.0	ESE	0.0
9/6/2024 7:35	61.0	1.0	3.0	ESE	0.0
9/6/2024 7:40	61.0	2.0	4.0	SSW	0.0
9/6/2024 7:45	61.0	0.0	1.0	SW	0.0
9/6/2024 7:50	61.0	2.0	6.0	ESE	0.0
9/6/2024 7:55	62.0	1.0	4.0	SSE	0.0
9/6/2024 8:00	62.0	2.0	4.0	E	0.0
9/6/2024 8:05	62.0	2.0	5.0	SE	0.0
9/6/2024 8:10	62.0	3.0	7.0	E	0.0
9/6/2024 8:15	62.0	3.0	8.0	E	0.0
9/6/2024 8:20	62.0	2.0	5.0	S	0.0
9/6/2024 8:25	62.0	2.0	5.0	SSW	0.0
9/6/2024 8:30	63.0	3.0	9.0	E	0.0
9/6/2024 8:35	63.0	2.0	5.0	ENE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/6/2024 8:40	63.0	3.0	6.0	E	0.0
9/6/2024 8:45	63.0	2.0	5.0	ESE	0.0
9/6/2024 8:50	63.0	3.0	6.0	E	0.0
9/6/2024 8:55	64.0	2.0	6.0	E	0.0
9/6/2024 9:00	64.0	2.0	7.0	ESE	0.0
9/6/2024 9:05	64.0	3.0	8.0	SE	0.0
9/6/2024 9:10	64.0	5.0	8.0	ESE	0.0
9/6/2024 9:15	63.0	4.0	11.0	E	0.0
9/6/2024 9:20	63.0	5.0	9.0	E	0.0
9/6/2024 9:25	63.0	5.0	9.0	E	0.0
9/6/2024 9:30	64.0	3.0	7.0	E	0.0
9/6/2024 9:35	64.0	4.0	8.0	E	0.0
9/6/2024 9:40	64.0	3.0	7.0	ESE	0.0
9/6/2024 9:45	64.0	4.0	9.0	E	0.0
9/6/2024 9:50	64.0	3.0	6.0	E	0.0
9/6/2024 9:55	64.0	4.0	9.0	E	0.0
9/6/2024 10:00	64.0	5.0	8.0	ESE	0.0
9/6/2024 10:05	64.0	6.0	11.0	E	0.0
9/6/2024 10:10	64.0	7.0	12.0	E	0.0
9/6/2024 10:15	64.0	6.0	11.0	E	0.0
9/6/2024 10:20	64.0	6.0	10.0	E	0.0
9/6/2024 10:25	64.0	6.0	10.0	E	0.0
9/6/2024 10:30	64.0	5.0	10.0	E	0.0
9/6/2024 10:35	64.0	6.0	11.0	E	0.0
9/6/2024 10:40	64.0	6.0	11.0	E	0.0
9/6/2024 10:45	65.0	5.0	9.0	E	0.0
9/6/2024 10:50	65.0	5.0	9.0	E	0.0
9/6/2024 10:55	65.0	5.0	9.0	E	0.0
9/6/2024 11:00	66.0	5.0	9.0	ESE	0.0
9/6/2024 11:05	66.0	5.0	10.0	E	0.0
9/6/2024 11:10	66.0	6.0	10.0	E	0.0
9/6/2024 11:15	66.0	6.0	10.0	E	0.0
9/6/2024 11:20	66.0	7.0	11.0	E	0.0
9/6/2024 11:25	66.0	6.0	9.0	E	0.0
9/6/2024 11:30	67.0	6.0	10.0	ESE	0.0
9/6/2024 11:35	67.0	6.0	10.0	E	0.0
9/6/2024 11:40	67.0	6.0	11.0	E	0.0
9/6/2024 11:45	67.0	6.0	11.0	E	0.0
9/6/2024 11:50	67.0	7.0	11.0	E	0.0
9/6/2024 11:55	67.0	6.0	11.0	E	0.0
9/6/2024 12:00	67.0	6.0	11.0	E	0.0
9/6/2024 12:05	68.0	7.0	11.0	E	0.0
9/6/2024 12:10	68.0	6.0	10.0	E	0.0
9/6/2024 12:15	68.0	6.0	10.0	E	0.0
9/6/2024 12:20	68.0	7.0	11.0	E	0.0
9/6/2024 12:25	69.0	5.0	10.0	ESE	0.0
9/6/2024 12:30	69.0	5.0	11.0	ESE	0.0
9/6/2024 12:35	70.0	5.0	10.0	E	0.0
9/6/2024 12:40	70.0	5.0	9.0	SE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/6/2024 12:45	70.0	4.0	9.0	ESE	0.0
9/6/2024 12:50	70.0	5.0	9.0	E	0.0
9/6/2024 12:55	70.0	7.0	11.0	ENE	0.0
9/6/2024 13:00	70.0	6.0	11.0	ESE	0.0
9/6/2024 13:05	70.0	5.0	10.0	E	0.0
9/6/2024 13:10	71.0	5.0	9.0	E	0.0
9/6/2024 13:15	71.0	7.0	11.0	ENE	0.0
9/6/2024 13:20	71.0	5.0	11.0	ENE	0.0
9/6/2024 13:25	72.0	6.0	11.0	E	0.0
9/6/2024 13:30	72.0	6.0	10.0	ESE	0.0
9/6/2024 13:35	72.0	6.0	10.0	E	0.0
9/6/2024 13:40	72.0	5.0	9.0	E	0.0
9/6/2024 13:45	72.0	6.0	11.0	NE	0.0
9/6/2024 13:50	73.0	6.0	10.0	E	0.0
9/6/2024 13:55	73.0	5.0	10.0	ENE	0.0
9/6/2024 14:00	73.0	5.0	10.0	ESE	0.0
9/6/2024 14:05	73.0	6.0	10.0	E	0.0
9/6/2024 14:10	73.0	6.0	10.0	E	0.0
9/6/2024 14:15	73.0	6.0	11.0	E	0.0
9/6/2024 14:20	73.0	6.0	10.0	E	0.0
9/6/2024 14:25	73.0	8.0	12.0	E	0.0
9/6/2024 14:30	73.0	8.0	12.0	E	0.0
9/6/2024 14:35	73.0	7.0	11.0	E	0.0
9/6/2024 14:40	73.0	7.0	12.0	ENE	0.0
9/6/2024 14:45	74.0	7.0	14.0	E	0.0
9/6/2024 14:50	74.0	8.0	12.0	E	0.0
9/6/2024 14:55	74.0	8.0	13.0	E	0.0
9/6/2024 15:00	74.0	8.0	13.0	E	0.0
9/6/2024 15:05	74.0	7.0	12.0	ENE	0.0
9/6/2024 15:10	74.0	7.0	11.0	ESE	0.0
9/6/2024 15:15	74.0	7.0	12.0	ESE	0.0
9/6/2024 15:20	75.0	7.0	12.0	ESE	0.0
9/6/2024 15:25	75.0	7.0	13.0	E	0.0
9/6/2024 15:30	75.0	8.0	13.0	ESE	0.0
9/6/2024 15:35	74.0	8.0	11.0	SE	0.0
9/6/2024 15:40	74.0	7.0	11.0	SE	0.0
9/6/2024 15:45	75.0	7.0	10.0	E	0.0
9/6/2024 15:50	75.0	8.0	11.0	E	0.0
9/6/2024 15:55	75.0	6.0	9.0	ESE	0.0
9/6/2024 16:00	76.0	7.0	11.0	E	0.0
9/6/2024 16:05	76.0	6.0	11.0	E	0.0
9/6/2024 16:10	76.0	6.0	10.0	E	0.0
9/6/2024 16:15	77.0	5.0	10.0	E	0.0
9/6/2024 16:20	77.0	6.0	9.0	ESE	0.0
9/6/2024 16:25	77.0	8.0	11.0	ESE	0.0
9/6/2024 16:30	77.0	8.0	12.0	E	0.0
9/6/2024 16:35	76.0	9.0	13.0	E	0.0
9/6/2024 16:40	76.0	6.0	11.0	E	0.0
9/6/2024 16:45	77.0	6.0	11.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/6/2024 16:50	77.0	7.0	11.0	ENE	0.0
9/6/2024 16:55	77.0	5.0	10.0	E	0.0
9/6/2024 17:00	77.0	5.0	11.0	E	0.0
9/6/2024 17:05	77.0	6.0	10.0	SE	0.0
9/6/2024 17:10	76.0	7.0	10.0	E	0.0
9/6/2024 17:15	76.0	8.0	12.0	E	0.0
9/6/2024 17:20	75.0	5.0	9.0	SE	0.0
9/6/2024 17:25	75.0	7.0	12.0	SE	0.0
9/6/2024 17:30	74.0	7.0	12.0	E	0.0
9/6/2024 17:35	74.0	6.0	11.0	ESE	0.0
9/6/2024 17:40	74.0	6.0	12.0	E	0.0
9/6/2024 17:45	74.0	7.0	11.0	E	0.0
9/6/2024 17:50	73.0	7.0	11.0	SE	0.0
9/6/2024 17:55	73.0	6.0	12.0	ESE	0.0
9/6/2024 18:00	73.0	6.0	11.0	E	0.0
9/7/2024 6:00	58.0	2.0	5.0	ESE	0.0
9/7/2024 6:05	58.0	2.0	4.0	S	0.0
9/7/2024 6:10	58.0	2.0	5.0	SSW	0.0
9/7/2024 6:15	58.0	1.0	3.0	S	0.0
9/7/2024 6:20	58.0	1.0	3.0	S	0.0
9/7/2024 6:25	58.0	1.0	2.0	ESE	0.0
9/7/2024 6:30	58.0	2.0	7.0	S	0.0
9/7/2024 6:35	58.0	2.0	4.0	S	0.0
9/7/2024 6:40	58.0	1.0	5.0	SSE	0.0
9/7/2024 6:45	58.0	1.0	4.0	S	0.0
9/7/2024 6:50	58.0	0.0	2.0	SE	0.0
9/7/2024 6:55	58.0	2.0	4.0	SE	0.0
9/7/2024 7:00	58.0	1.0	4.0	SSW	0.0
9/7/2024 7:05	58.0	1.0	4.0	SE	0.0
9/7/2024 7:10	58.0	2.0	4.0	SSW	0.0
9/7/2024 7:15	58.0	1.0	4.0	SSE	0.0
9/7/2024 7:20	58.0	1.0	3.0	SSW	0.0
9/7/2024 7:25	58.0	1.0	4.0	S	0.0
9/7/2024 7:30	58.0	1.0	4.0	S	0.0
9/7/2024 7:35	58.0	1.0	4.0	SSW	0.0
9/7/2024 7:40	58.0	1.0	3.0	SSE	0.0
9/7/2024 7:45	58.0	1.0	4.0	ESE	0.0
9/7/2024 7:50	59.0	1.0	3.0	SSW	0.0
9/7/2024 7:55	59.0	2.0	4.0	ESE	0.0
9/7/2024 8:00	59.0	1.0	5.0	SSW	0.0
9/7/2024 8:05	59.0	1.0	3.0	SE	0.0
9/7/2024 8:10	59.0	2.0	6.0	E	0.0
9/7/2024 8:15	59.0	2.0	4.0	S	0.0
9/7/2024 8:20	59.0	2.0	4.0	S	0.0
9/7/2024 8:25	59.0	2.0	5.0	S	0.0
9/7/2024 8:30	59.0	2.0	6.0	E	0.0
9/7/2024 8:35	59.0	2.0	6.0	ESE	0.0
9/7/2024 8:40	59.0	3.0	7.0	E	0.0
9/7/2024 8:45	59.0	2.0	7.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/7/2024 8:50	59.0	2.0	7.0	ESE	0.0
9/7/2024 8:55	60.0	3.0	9.0	SSW	0.0
9/7/2024 9:00	60.0	3.0	7.0	SE	0.0
9/7/2024 9:05	60.0	3.0	7.0	ESE	0.0
9/7/2024 9:10	60.0	4.0	7.0	SE	0.0
9/7/2024 9:15	60.0	3.0	7.0	ESE	0.0
9/7/2024 9:20	60.0	3.0	7.0	E	0.0
9/7/2024 9:25	61.0	3.0	6.0	E	0.0
9/7/2024 9:30	61.0	3.0	8.0	SSW	0.0
9/7/2024 9:35	61.0	3.0	9.0	E	0.0
9/7/2024 9:40	61.0	3.0	6.0	E	0.0
9/7/2024 9:45	61.0	3.0	7.0	ESE	0.0
9/7/2024 9:50	62.0	4.0	8.0	E	0.0
9/7/2024 9:55	61.0	5.0	8.0	E	0.0
9/7/2024 10:00	62.0	4.0	8.0	E	0.0
9/7/2024 10:05	62.0	3.0	8.0	ESE	0.0
9/7/2024 10:10	62.0	4.0	10.0	SE	0.0
9/7/2024 10:15	62.0	5.0	10.0	E	0.0
9/7/2024 10:20	62.0	5.0	9.0	E	0.0
9/7/2024 10:25	62.0	5.0	8.0	ESE	0.0
9/7/2024 10:30	62.0	5.0	8.0	ESE	0.0
9/7/2024 10:35	63.0	5.0	9.0	ENE	0.0
9/7/2024 10:40	63.0	5.0	9.0	ESE	0.0
9/7/2024 10:45	63.0	6.0	10.0	E	0.0
9/7/2024 10:50	63.0	5.0	9.0	ESE	0.0
9/7/2024 10:55	63.0	5.0	8.0	E	0.0
9/7/2024 11:00	63.0	6.0	10.0	E	0.0
9/7/2024 11:05	63.0	5.0	10.0	E	0.0
9/7/2024 11:10	63.0	5.0	10.0	E	0.0
9/7/2024 11:15	64.0	5.0	9.0	E	0.0
9/7/2024 11:20	64.0	6.0	10.0	ESE	0.0
9/7/2024 11:25	64.0	5.0	9.0	E	0.0
9/7/2024 11:30	64.0	6.0	9.0	E	0.0
9/7/2024 11:35	64.0	6.0	9.0	ENE	0.0
9/7/2024 11:40	64.0	6.0	10.0	E	0.0
9/7/2024 11:45	64.0	5.0	10.0	ENE	0.0
9/7/2024 11:50	64.0	5.0	11.0	E	0.0
9/7/2024 11:55	64.0	6.0	11.0	E	0.0
9/7/2024 12:00	65.0	5.0	10.0	E	0.0
9/7/2024 12:05	65.0	6.0	9.0	NE	0.0
9/7/2024 12:10	65.0	6.0	9.0	E	0.0
9/7/2024 12:15	65.0	7.0	12.0	E	0.0
9/7/2024 12:20	66.0	6.0	10.0	ENE	0.0
9/7/2024 12:25	66.0	7.0	12.0	ESE	0.0
9/7/2024 12:30	66.0	7.0	10.0	E	0.0
9/7/2024 12:35	66.0	7.0	11.0	ESE	0.0
9/7/2024 12:40	66.0	7.0	13.0	ENE	0.0
9/7/2024 12:45	66.0	9.0	12.0	ESE	0.0
9/7/2024 12:50	66.0	6.0	11.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/7/2024 12:55	66.0	7.0	12.0	E	0.0
9/7/2024 13:00	67.0	5.0	11.0	ENE	0.0
9/7/2024 13:05	67.0	7.0	11.0	ESE	0.0
9/7/2024 13:10	67.0	7.0	11.0	ESE	0.0
9/7/2024 13:15	68.0	6.0	12.0	ESE	0.0
9/7/2024 13:20	68.0	6.0	14.0	E	0.0
9/7/2024 13:25	68.0	5.0	10.0	SE	0.0
9/7/2024 13:30	68.0	7.0	11.0	E	0.0
9/7/2024 13:35	68.0	6.0	14.0	E	0.0
9/7/2024 13:40	68.0	7.0	15.0	E	0.0
9/7/2024 13:45	68.0	5.0	15.0	ESE	0.0
9/7/2024 13:50	68.0	6.0	11.0	SE	0.0
9/7/2024 13:55	68.0	7.0	11.0	SE	0.0
9/7/2024 14:00	68.0	6.0	10.0	ESE	0.0
9/7/2024 14:05	68.0	9.0	14.0	ESE	0.0
9/7/2024 14:10	68.0	8.0	14.0	E	0.0
9/7/2024 14:15	68.0	7.0	13.0	ESE	0.0
9/7/2024 14:20	68.0	7.0	13.0	E	0.0
9/7/2024 14:25	68.0	8.0	14.0	E	0.0
9/7/2024 14:30	68.0	6.0	14.0	ESE	0.0
9/7/2024 14:35	69.0	8.0	14.0	E	0.0
9/7/2024 14:40	68.0	7.0	12.0	ESE	0.0
9/7/2024 14:45	68.0	9.0	13.0	ESE	0.0
9/7/2024 14:50	68.0	9.0	14.0	ESE	0.0
9/7/2024 14:55	69.0	8.0	13.0	ESE	0.0
9/7/2024 15:00	69.0	8.0	14.0	E	0.0
9/7/2024 15:05	69.0	8.0	13.0	E	0.0
9/7/2024 15:10	70.0	9.0	15.0	ESE	0.0
9/7/2024 15:15	69.0	8.0	12.0	E	0.0
9/7/2024 15:20	69.0	8.0	14.0	E	0.0
9/7/2024 15:25	70.0	7.0	12.0	ESE	0.0
9/7/2024 15:30	70.0	7.0	13.0	E	0.0
9/7/2024 15:35	70.0	8.0	13.0	ESE	0.0
9/7/2024 15:40	70.0	7.0	11.0	E	0.0
9/7/2024 15:45	70.0	8.0	12.0	E	0.0
9/7/2024 15:50	70.0	7.0	12.0	SE	0.0
9/7/2024 15:55	70.0	7.0	11.0	SE	0.0
9/7/2024 16:00	70.0	7.0	12.0	E	0.0
9/7/2024 16:05	70.0	7.0	10.0	ESE	0.0
9/7/2024 16:10	70.0	8.0	13.0	ESE	0.0
9/7/2024 16:15	71.0	8.0	14.0	ESE	0.0
9/7/2024 16:20	70.0	7.0	13.0	E	0.0
9/7/2024 16:25	71.0	8.0	14.0	E	0.0
9/7/2024 16:30	71.0	6.0	12.0	ESE	0.0
9/7/2024 16:35	71.0	6.0	10.0	E	0.0
9/7/2024 16:40	71.0	7.0	12.0	E	0.0
9/7/2024 16:45	71.0	7.0	12.0	E	0.0
9/7/2024 16:50	71.0	7.0	12.0	SE	0.0
9/7/2024 16:55	71.0	6.0	12.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/7/2024 17:00	71.0	6.0	10.0	SE	0.0
9/7/2024 17:05	72.0	8.0	13.0	E	0.0
9/7/2024 17:10	71.0	8.0	11.0	E	0.0
9/7/2024 17:15	71.0	7.0	12.0	E	0.0
9/7/2024 17:20	71.0	7.0	11.0	E	0.0
9/7/2024 17:25	71.0	7.0	12.0	E	0.0
9/7/2024 17:30	71.0	6.0	13.0	S	0.0
9/7/2024 17:35	71.0	5.0	11.0	ENE	0.0
9/7/2024 17:40	71.0	7.0	13.0	E	0.0
9/7/2024 17:45	70.0	7.0	10.0	E	0.0
9/7/2024 17:50	70.0	8.0	14.0	E	0.0
9/7/2024 17:55	69.0	7.0	13.0	E	0.0
9/7/2024 18:00	69.0	6.0	12.0	ENE	0.0
9/11/2024 6:00	60.0	7.0	13.0	E	0.0
9/11/2024 6:05	59.0	6.0	10.0	E	0.0
9/11/2024 6:10	60.0	4.0	11.0	ENE	0.0
9/11/2024 6:15	59.0	2.0	5.0	N	0.0
9/11/2024 6:20	59.0	1.0	4.0	NNW	0.0
9/11/2024 6:25	59.0	1.0	3.0	NNW	0.0
9/11/2024 6:30	59.0	1.0	6.0	N	0.0
9/11/2024 6:35	59.0	2.0	5.0	N	0.0
9/11/2024 6:40	59.0	2.0	4.0	N	0.0
9/11/2024 6:45	59.0	2.0	4.0	WNW	0.0
9/11/2024 6:50	58.0	1.0	3.0	WNW	0.0
9/11/2024 6:55	58.0	0.0	0.0		0.0
9/11/2024 7:00	58.0	0.0	0.0		0.0
9/11/2024 7:05	58.0	1.0	3.0	ESE	0.0
9/11/2024 7:10	58.0	0.0	2.0	ESE	0.0
9/11/2024 7:15	58.0	0.0	2.0	WSW	0.0
9/11/2024 7:20	58.0	0.0	0.0		0.0
9/11/2024 7:25	58.0	0.0	0.0		0.0
9/11/2024 7:30	59.0	0.0	0.0		0.0
9/11/2024 7:35	59.0	0.0	0.0		0.0
9/11/2024 7:40	60.0	1.0	3.0	NW	0.0
9/11/2024 7:45	60.0	2.0	5.0	N	0.0
9/11/2024 7:50	60.0	3.0	5.0	NNE	0.0
9/11/2024 7:55	60.0	3.0	7.0	ENE	0.0
9/11/2024 8:00	60.0	3.0	7.0	E	0.0
9/11/2024 8:05	60.0	2.0	4.0	N	0.0
9/11/2024 8:10	60.0	4.0	10.0	ESE	0.0
9/11/2024 8:15	60.0	9.0	17.0	ESE	0.0
9/11/2024 8:20	60.0	7.0	14.0	NE	0.0
9/11/2024 8:25	60.0	10.0	19.0	ENE	0.0
9/11/2024 8:30	60.0	11.0	18.0	E	0.0
9/11/2024 8:35	60.0	7.0	14.0	NE	0.0
9/11/2024 8:40	60.0	9.0	16.0	ENE	0.0
9/11/2024 8:45	61.0	9.0	19.0	NE	0.0
9/11/2024 8:50	61.0	9.0	23.0	NE	0.0
9/11/2024 8:55	61.0	9.0	14.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/11/2024 9:00	61.0	11.0	18.0	E	0.0
9/11/2024 9:05	61.0	11.0	20.0	E	0.0
9/11/2024 9:10	61.0	13.0	20.0	NE	0.0
9/11/2024 9:15	61.0	11.0	18.0	ENE	0.0
9/11/2024 9:20	61.0	7.0	14.0	E	0.0
9/11/2024 9:25	61.0	8.0	14.0	E	0.0
9/11/2024 9:30	61.0	10.0	18.0	NE	0.0
9/11/2024 9:35	61.0	9.0	16.0	ENE	0.0
9/11/2024 9:40	62.0	9.0	18.0	NE	0.0
9/11/2024 9:45	62.0	9.0	16.0	E	0.0
9/11/2024 9:50	62.0	12.0	19.0	ENE	0.0
9/11/2024 9:55	62.0	9.0	15.0	ENE	0.0
9/11/2024 10:00	62.0	11.0	21.0	ENE	0.0
9/11/2024 10:05	62.0	11.0	16.0	ENE	0.0
9/11/2024 10:10	62.0	9.0	20.0	ENE	0.0
9/11/2024 10:15	62.0	9.0	15.0	E	0.0
9/11/2024 10:20	62.0	9.0	17.0	E	0.0
9/11/2024 10:25	62.0	10.0	17.0	NE	0.0
9/11/2024 10:30	62.0	11.0	19.0	ESE	0.0
9/11/2024 10:35	62.0	12.0	18.0	E	0.0
9/11/2024 10:40	62.0	13.0	21.0	E	0.0
9/11/2024 10:45	62.0	13.0	19.0	E	0.0
9/11/2024 10:50	62.0	12.0	20.0	ENE	0.0
9/11/2024 10:55	62.0	11.0	18.0	ENE	0.0
9/11/2024 11:00	62.0	10.0	17.0	E	0.0
9/11/2024 11:05	62.0	9.0	16.0	ENE	0.0
9/11/2024 11:10	62.0	10.0	17.0	ENE	0.0
9/11/2024 11:15	62.0	12.0	19.0	NE	0.0
9/11/2024 11:20	62.0	11.0	18.0	E	0.0
9/11/2024 11:25	62.0	11.0	17.0	E	0.0
9/11/2024 11:30	62.0	12.0	18.0	ENE	0.0
9/11/2024 11:35	62.0	10.0	16.0	ESE	0.0
9/11/2024 11:40	62.0	10.0	17.0	E	0.0
9/11/2024 11:45	62.0	10.0	18.0	ENE	0.0
9/11/2024 11:50	62.0	9.0	15.0	E	0.0
9/11/2024 11:55	62.0	8.0	15.0	E	0.0
9/11/2024 12:00	62.0	5.0	12.0	ESE	0.0
9/11/2024 12:05	62.0	7.0	15.0	ENE	0.0
9/11/2024 12:10	62.0	7.0	12.0	E	0.0
9/11/2024 12:15	62.0	8.0	15.0	E	0.0
9/11/2024 12:20	62.0	7.0	12.0	ESE	0.0
9/11/2024 12:25	62.0	6.0	13.0	E	0.0
9/11/2024 12:30	62.0	5.0	11.0	E	0.0
9/11/2024 12:35	63.0	4.0	11.0	E	0.0
9/11/2024 12:40	63.0	5.0	10.0	ESE	0.0
9/11/2024 12:45	63.0	6.0	11.0	E	0.0
9/11/2024 12:50	63.0	5.0	11.0	ESE	0.0
9/11/2024 12:55	63.0	7.0	12.0	E	0.0
9/11/2024 13:00	63.0	7.0	14.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/11/2024 13:05	64.0	7.0	12.0	ESE	0.0
9/11/2024 13:10	64.0	7.0	12.0	NE	0.0
9/11/2024 13:15	64.0	6.0	11.0	E	0.0
9/11/2024 13:20	64.0	5.0	9.0	ESE	0.0
9/11/2024 13:25	64.0	4.0	12.0	E	0.0
9/11/2024 13:30	64.0	6.0	10.0	ESE	0.0
9/11/2024 13:35	64.0	5.0	10.0	ENE	0.0
9/11/2024 13:40	64.0	5.0	9.0	E	0.0
9/11/2024 13:45	65.0	4.0	9.0	E	0.0
9/11/2024 13:50	65.0	4.0	10.0	E	0.0
9/11/2024 13:55	65.0	5.0	10.0	ENE	0.0
9/11/2024 14:00	66.0	6.0	12.0	ESE	0.0
9/11/2024 14:05	66.0	5.0	12.0	E	0.0
9/11/2024 14:10	66.0	10.0	17.0	ESE	0.0
9/11/2024 14:15	67.0	12.0	23.0	E	0.0
9/11/2024 14:20	67.0	12.0	21.0	ENE	0.0
9/11/2024 14:25	66.0	14.0	20.0	E	0.0
9/11/2024 14:30	66.0	11.0	18.0	ESE	0.0
9/11/2024 14:35	66.0	11.0	18.0	ESE	0.0
9/11/2024 14:40	67.0	12.0	18.0	ESE	0.0
9/11/2024 14:45	66.0	11.0	20.0	NE	0.0
9/11/2024 14:50	66.0	11.0	16.0	E	0.0
9/11/2024 14:55	67.0	10.0	17.0	E	0.0
9/11/2024 15:00	67.0	12.0	17.0	ESE	0.0
9/11/2024 15:05	66.0	11.0	16.0	ESE	0.0
9/11/2024 15:10	67.0	9.0	14.0	E	0.0
9/11/2024 15:15	67.0	11.0	16.0	SE	0.0
9/11/2024 15:20	67.0	12.0	18.0	E	0.0
9/11/2024 15:25	67.0	14.0	22.0	E	0.0
9/11/2024 15:30	67.0	14.0	21.0	ESE	0.0
9/11/2024 15:35	67.0	14.0	22.0	E	0.0
9/11/2024 15:40	67.0	15.0	23.0	E	0.0
9/11/2024 15:45	67.0	12.0	22.0	E	0.0
9/11/2024 15:50	67.0	14.0	18.0	E	0.0
9/11/2024 15:55	67.0	13.0	21.0	E	0.0
9/11/2024 16:00	67.0	12.0	20.0	ENE	0.0
9/11/2024 16:05	67.0	14.0	21.0	ESE	0.0
9/11/2024 16:10	67.0	13.0	19.0	E	0.0
9/11/2024 16:15	67.0	10.0	16.0	E	0.0
9/11/2024 16:20	68.0	11.0	15.0	E	0.0
9/11/2024 16:25	68.0	8.0	14.0	E	0.0
9/11/2024 16:30	68.0	10.0	17.0	E	0.0
9/11/2024 16:35	68.0	10.0	17.0	SE	0.0
9/11/2024 16:40	68.0	13.0	20.0	E	0.0
9/11/2024 16:45	68.0	15.0	26.0	E	0.0
9/11/2024 16:50	68.0	13.0	21.0	ESE	0.0
9/11/2024 16:55	68.0	14.0	23.0	E	0.0
9/11/2024 17:00	68.0	12.0	25.0	E	0.0
9/11/2024 17:05	68.0	13.0	21.0	SE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/11/2024 17:10	68.0	15.0	23.0	E	0.0
9/11/2024 17:15	68.0	16.0	26.0	E	0.0
9/11/2024 17:20	67.0	13.0	24.0	E	0.0
9/11/2024 17:25	67.0	13.0	23.0	E	0.0
9/11/2024 17:30	67.0	14.0	26.0	E	0.0
9/11/2024 17:35	67.0	14.0	24.0	SE	0.0
9/11/2024 17:40	67.0	14.0	21.0	ESE	0.0
9/11/2024 17:45	67.0	14.0	26.0	ESE	0.0
9/11/2024 17:50	67.0	13.0	24.0	ESE	0.0
9/11/2024 17:55	67.0	12.0	23.0	E	0.0
9/11/2024 18:00	67.0	11.0	20.0	E	0.0
9/12/2024 6:00	59.0	0.0	2.0	NNE	0.0
9/12/2024 6:05	59.0	0.0	1.0	SE	0.0
9/12/2024 6:10	59.0	0.0	2.0	SE	0.0
9/12/2024 6:15	59.0	1.0	4.0	N	0.0
9/12/2024 6:20	59.0	0.0	3.0	N	0.0
9/12/2024 6:25	59.0	1.0	3.0	N	0.0
9/12/2024 6:30	59.0	1.0	3.0	NW	0.0
9/12/2024 6:35	59.0	1.0	3.0	NNE	0.0
9/12/2024 6:40	59.0	1.0	4.0	N	0.0
9/12/2024 6:45	59.0	1.0	3.0	NNE	0.0
9/12/2024 6:50	59.0	3.0	4.0	NE	0.0
9/12/2024 6:55	58.0	1.0	3.0	NE	0.0
9/12/2024 7:00	58.0	1.0	5.0	NNW	0.0
9/12/2024 7:05	58.0	1.0	2.0	NNW	0.0
9/12/2024 7:10	58.0	1.0	4.0	NNW	0.0
9/12/2024 7:15	58.0	1.0	3.0	WNW	0.0
9/12/2024 7:20	58.0	1.0	4.0	N	0.0
9/12/2024 7:25	58.0	1.0	3.0	NNE	0.0
9/12/2024 7:30	59.0	1.0	3.0	N	0.0
9/12/2024 7:35	59.0	1.0	4.0	NNW	0.0
9/12/2024 7:40	59.0	1.0	3.0	NNW	0.0
9/12/2024 7:45	59.0	1.0	3.0	NNE	0.0
9/12/2024 7:50	59.0	1.0	3.0	NNE	0.0
9/12/2024 7:55	59.0	1.0	2.0	ENE	0.0
9/12/2024 8:00	59.0	0.0	2.0	ENE	0.0
9/12/2024 8:05	60.0	1.0	4.0	E	0.0
9/12/2024 8:10	60.0	2.0	4.0	SE	0.0
9/12/2024 8:15	60.0	0.0	2.0	SE	0.0
9/12/2024 8:20	60.0	0.0	2.0	SE	0.0
9/12/2024 8:25	60.0	0.0	1.0	SE	0.0
9/12/2024 8:30	61.0	1.0	4.0	N	0.0
9/12/2024 8:35	61.0	2.0	5.0	NNE	0.0
9/12/2024 8:40	62.0	2.0	4.0	NNW	0.0
9/12/2024 8:45	62.0	2.0	4.0	NE	0.0
9/12/2024 8:50	62.0	2.0	5.0	NNE	0.0
9/12/2024 8:55	62.0	2.0	4.0	NNE	0.0
9/12/2024 9:00	62.0	1.0	4.0	NNE	0.0
9/12/2024 9:05	63.0	1.0	4.0	NNE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/12/2024 9:10	64.0	1.0	2.0	N	0.0
9/12/2024 9:15	64.0	2.0	5.0	NNE	0.0
9/12/2024 9:20	64.0	1.0	4.0	E	0.0
9/12/2024 9:25	64.0	2.0	4.0	ENE	0.0
9/12/2024 9:30	64.0	2.0	4.0	N	0.0
9/12/2024 9:35	64.0	1.0	4.0	NNW	0.0
9/12/2024 9:40	65.0	0.0	3.0	WSW	0.0
9/12/2024 9:45	66.0	1.0	4.0	WNW	0.0
9/12/2024 9:50	66.0	3.0	5.0	NNE	0.0
9/12/2024 9:55	66.0	2.0	5.0	N	0.0
9/12/2024 10:00	66.0	2.0	7.0	N	0.0
9/12/2024 10:05	66.0	2.0	5.0	N	0.0
9/12/2024 10:10	66.0	2.0	3.0	NNE	0.0
9/12/2024 10:15	66.0	2.0	5.0	NNE	0.0
9/12/2024 10:20	66.0	3.0	8.0	ENE	0.0
9/12/2024 10:25	66.0	3.0	4.0	ENE	0.0
9/12/2024 10:30	66.0	3.0	10.0	ENE	0.0
9/12/2024 10:35	66.0	4.0	7.0	N	0.0
9/12/2024 10:40	65.0	3.0	6.0	E	0.0
9/12/2024 10:45	65.0	3.0	7.0	E	0.0
9/12/2024 10:50	65.0	4.0	8.0	ENE	0.0
9/12/2024 10:55	65.0	4.0	9.0	ENE	0.0
9/12/2024 11:00	65.0	4.0	8.0	ENE	0.0
9/12/2024 11:05	65.0	5.0	9.0	ENE	0.0
9/12/2024 11:10	66.0	4.0	7.0	N	0.0
9/12/2024 11:15	66.0	4.0	8.0	NNW	0.0
9/12/2024 11:20	66.0	3.0	7.0	ENE	0.0
9/12/2024 11:25	66.0	3.0	7.0	ENE	0.0
9/12/2024 11:30	67.0	3.0	7.0	E	0.0
9/12/2024 11:35	67.0	3.0	5.0	NE	0.0
9/12/2024 11:40	67.0	3.0	6.0	NE	0.0
9/12/2024 11:45	67.0	3.0	7.0	ENE	0.0
9/12/2024 11:50	67.0	3.0	8.0	E	0.0
9/12/2024 11:55	67.0	3.0	7.0	SE	0.0
9/12/2024 12:00	67.0	4.0	7.0	E	0.0
9/12/2024 12:05	67.0	4.0	8.0	E	0.0
9/12/2024 12:10	67.0	5.0	8.0	E	0.0
9/12/2024 12:15	67.0	5.0	9.0	E	0.0
9/12/2024 12:20	67.0	6.0	10.0	E	0.0
9/12/2024 12:25	67.0	6.0	10.0	E	0.0
9/12/2024 12:30	68.0	5.0	9.0	ENE	0.0
9/12/2024 12:35	68.0	6.0	10.0	E	0.0
9/12/2024 12:40	68.0	7.0	10.0	ESE	0.0
9/12/2024 12:45	68.0	7.0	11.0	E	0.0
9/12/2024 12:50	68.0	7.0	12.0	ENE	0.0
9/12/2024 12:55	69.0	7.0	11.0	E	0.0
9/12/2024 13:00	69.0	7.0	11.0	E	0.0
9/12/2024 13:05	70.0	6.0	11.0	E	0.0
9/12/2024 13:10	70.0	7.0	12.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/12/2024 13:15	70.0	7.0	12.0	ESE	0.0
9/12/2024 13:20	70.0	7.0	12.0	ESE	0.0
9/12/2024 13:25	71.0	7.0	11.0	ESE	0.0
9/12/2024 13:30	71.0	7.0	11.0	E	0.0
9/12/2024 13:35	71.0	6.0	11.0	E	0.0
9/12/2024 13:40	72.0	7.0	11.0	E	0.0
9/12/2024 13:45	72.0	7.0	13.0	E	0.0
9/12/2024 13:50	72.0	8.0	12.0	SE	0.0
9/12/2024 13:55	72.0	8.0	13.0	E	0.0
9/12/2024 14:00	72.0	9.0	14.0	E	0.0
9/12/2024 14:05	72.0	9.0	14.0	E	0.0
9/12/2024 14:10	72.0	9.0	14.0	E	0.0
9/12/2024 14:15	73.0	10.0	16.0	E	0.0
9/12/2024 14:20	73.0	8.0	13.0	E	0.0
9/12/2024 14:25	73.0	9.0	15.0	SE	0.0
9/12/2024 14:30	73.0	9.0	15.0	SE	0.0
9/12/2024 14:35	72.0	9.0	14.0	E	0.0
9/12/2024 14:40	73.0	9.0	14.0	ESE	0.0
9/12/2024 14:45	73.0	9.0	13.0	ESE	0.0
9/12/2024 14:50	73.0	11.0	14.0	SE	0.0
9/12/2024 14:55	72.0	10.0	15.0	E	0.0
9/12/2024 15:00	73.0	10.0	16.0	E	0.0
9/12/2024 15:05	72.0	10.0	14.0	ESE	0.0
9/12/2024 15:10	72.0	10.0	14.0	ESE	0.0
9/12/2024 15:15	72.0	9.0	15.0	E	0.0
9/12/2024 15:20	72.0	10.0	14.0	E	0.0
9/12/2024 15:25	72.0	10.0	16.0	E	0.0
9/12/2024 15:30	72.0	10.0	17.0	ENE	0.0
9/12/2024 15:35	72.0	10.0	15.0	ENE	0.0
9/12/2024 15:40	72.0	10.0	15.0	ESE	0.0
9/12/2024 15:45	71.0	8.0	12.0	ESE	0.0
9/12/2024 15:50	72.0	10.0	15.0	E	0.0
9/12/2024 15:55	71.0	10.0	16.0	ENE	0.0
9/12/2024 16:00	71.0	8.0	13.0	SE	0.0
9/12/2024 16:05	71.0	9.0	14.0	ESE	0.0
9/12/2024 16:10	71.0	9.0	15.0	E	0.0
9/12/2024 16:15	71.0	8.0	14.0	ESE	0.0
9/12/2024 16:20	72.0	9.0	14.0	ESE	0.0
9/12/2024 16:25	72.0	10.0	16.0	E	0.0
9/12/2024 16:30	71.0	10.0	14.0	E	0.0
9/12/2024 16:35	71.0	7.0	14.0	E	0.0
9/12/2024 16:40	72.0	9.0	14.0	E	0.0
9/12/2024 16:45	71.0	9.0	16.0	ESE	0.0
9/12/2024 16:50	72.0	7.0	11.0	ESE	0.0
9/12/2024 16:55	71.0	5.0	10.0	S	0.0
9/12/2024 17:00	71.0	7.0	14.0	E	0.0
9/12/2024 17:05	71.0	7.0	14.0	ESE	0.0
9/12/2024 17:10	71.0	5.0	11.0	ESE	0.0
9/12/2024 17:15	71.0	8.0	12.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/12/2024 17:20	70.0	7.0	14.0	ESE	0.0
9/12/2024 17:25	70.0	6.0	14.0	ESE	0.0
9/12/2024 17:30	70.0	6.0	12.0	ESE	0.0
9/12/2024 17:35	70.0	7.0	11.0	E	0.0
9/12/2024 17:40	70.0	8.0	14.0	E	0.0
9/12/2024 17:45	69.0	7.0	13.0	ESE	0.0
9/12/2024 17:50	69.0	7.0	13.0	E	0.0
9/12/2024 17:55	69.0	8.0	13.0	E	0.0
9/12/2024 18:00	69.0	5.0	13.0	E	0.0
9/17/2024 6:00	59.0	2.0	6.0	WNW	0.0
9/17/2024 6:05	59.0	2.0	7.0	NNW	0.0
9/17/2024 6:10	59.0	2.0	6.0	N	0.0
9/17/2024 6:15	59.0	2.0	6.0	WNW	0.0
9/17/2024 6:20	59.0	3.0	6.0	WNW	0.0
9/17/2024 6:25	58.0	3.0	7.0	WNW	0.0
9/17/2024 6:30	58.0	2.0	7.0	NW	0.0
9/17/2024 6:35	58.0	2.0	5.0	NW	0.0
9/17/2024 6:40	58.0	2.0	7.0	WNW	0.0
9/17/2024 6:45	58.0	3.0	7.0	WNW	0.0
9/17/2024 6:50	58.0	3.0	7.0	WNW	0.0
9/17/2024 6:55	58.0	3.0	6.0	W	0.0
9/17/2024 7:00	58.0	3.0	6.0	WNW	0.0
9/17/2024 7:05	58.0	3.0	7.0	WNW	0.0
9/17/2024 7:10	58.0	3.0	8.0	NW	0.0
9/17/2024 7:15	58.0	2.0	6.0	WNW	0.0
9/17/2024 7:20	58.0	3.0	7.0	WNW	0.0
9/17/2024 7:25	58.0	5.0	10.0	WNW	0.0
9/17/2024 7:30	58.0	3.0	7.0	NNW	0.0
9/17/2024 7:35	58.0	3.0	8.0	NNW	0.0
9/17/2024 7:40	58.0	4.0	8.0	NNW	0.0
9/17/2024 7:45	58.0	3.0	8.0	NW	0.0
9/17/2024 7:50	58.0	5.0	9.0	NW	0.0
9/17/2024 7:55	58.0	3.0	9.0	NW	0.0
9/17/2024 8:00	58.0	5.0	10.0	NW	0.0
9/17/2024 8:05	58.0	4.0	6.0	WNW	0.0
9/17/2024 8:10	58.0	3.0	8.0	NNW	0.0
9/17/2024 8:15	58.0	3.0	8.0	W	0.0
9/17/2024 8:20	58.0	4.0	8.0	W	0.0
9/17/2024 8:25	58.0	3.0	8.0	WNW	0.0
9/17/2024 8:30	58.0	4.0	9.0	WNW	0.0
9/17/2024 8:35	58.0	5.0	10.0	WNW	0.0
9/17/2024 8:40	58.0	4.0	9.0	NW	0.0
9/17/2024 8:45	58.0	4.0	8.0	NW	0.0
9/17/2024 8:50	59.0	3.0	7.0	WNW	0.0
9/17/2024 8:55	59.0	3.0	6.0	WNW	0.0
9/17/2024 9:00	59.0	4.0	9.0	NW	0.0
9/17/2024 9:05	59.0	3.0	7.0	NNW	0.0
9/17/2024 9:10	59.0	4.0	8.0	NW	0.0
9/17/2024 9:15	59.0	3.0	9.0	WNW	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/17/2024 9:20	59.0	3.0	8.0	WNW	0.0
9/17/2024 9:25	59.0	3.0	8.0	NW	0.0
9/17/2024 9:30	59.0	3.0	7.0	NW	0.0
9/17/2024 9:35	60.0	2.0	6.0	N	0.0
9/17/2024 9:40	60.0	2.0	6.0	N	0.0
9/17/2024 9:45	60.0	3.0	7.0	WNW	0.0
9/17/2024 9:50	60.0	2.0	5.0	NW	0.0
9/17/2024 9:55	60.0	4.0	9.0	WNW	0.0
9/17/2024 10:00	60.0	4.0	7.0	WNW	0.0
9/17/2024 10:05	60.0	3.0	8.0	WNW	0.0
9/17/2024 10:10	61.0	3.0	6.0	WNW	0.0
9/17/2024 10:15	61.0	1.0	6.0	WNW	0.0
9/17/2024 10:20	61.0	3.0	8.0	N	0.0
9/17/2024 10:25	61.0	3.0	7.0	W	0.0
9/17/2024 10:30	61.0	3.0	6.0	WNW	0.0
9/17/2024 10:35	61.0	2.0	5.0	NNW	0.0
9/17/2024 10:40	61.0	2.0	4.0	NNW	0.0
9/17/2024 10:45	61.0	2.0	6.0	WNW	0.0
9/17/2024 10:50	61.0	2.0	4.0	NW	0.0
9/17/2024 10:55	61.0	2.0	6.0	NE	0.0
9/17/2024 11:00	62.0	3.0	7.0	N	0.0
9/17/2024 11:05	62.0	2.0	5.0	NNE	0.0
9/17/2024 11:10	62.0	2.0	4.0	N	0.0
9/17/2024 11:15	62.0	3.0	6.0	NNE	0.0
9/17/2024 11:20	62.0	3.0	7.0	NE	0.0
9/17/2024 11:25	62.0	2.0	4.0	NNE	0.0
9/17/2024 11:30	62.0	1.0	5.0	N	0.0
9/17/2024 11:35	62.0	2.0	5.0	N	0.0
9/17/2024 11:40	63.0	2.0	6.0	WNW	0.0
9/17/2024 11:45	63.0	1.0	5.0	NNE	0.0
9/17/2024 11:50	63.0	2.0	6.0	NNE	0.0
9/17/2024 11:55	64.0	3.0	7.0	ESE	0.0
9/17/2024 12:00	63.0	3.0	8.0	ENE	0.0
9/17/2024 12:05	64.0	3.0	7.0	NNW	0.0
9/17/2024 12:10	64.0	3.0	8.0	ENE	0.0
9/17/2024 12:15	64.0	4.0	8.0	ENE	0.0
9/17/2024 12:20	63.0	3.0	8.0	ENE	0.0
9/17/2024 12:25	64.0	3.0	10.0	E	0.0
9/17/2024 12:30	64.0	3.0	8.0	ENE	0.0
9/17/2024 12:35	64.0	4.0	9.0	ENE	0.0
9/17/2024 12:40	64.0	3.0	9.0	E	0.0
9/17/2024 12:45	65.0	6.0	13.0	E	0.0
9/17/2024 12:50	64.0	8.0	16.0	ENE	0.0
9/17/2024 12:55	64.0	8.0	14.0	ESE	0.0
9/17/2024 13:00	64.0	8.0	13.0	ENE	0.0
9/17/2024 13:05	64.0	8.0	13.0	E	0.0
9/17/2024 13:10	64.0	8.0	14.0	E	0.0
9/17/2024 13:15	63.0	6.0	11.0	ENE	0.0
9/17/2024 13:20	64.0	7.0	12.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/17/2024 13:25	64.0	7.0	13.0	E	0.0
9/17/2024 13:30	63.0	7.0	12.0	ENE	0.0
9/17/2024 13:35	63.0	7.0	12.0	E	0.0
9/17/2024 13:40	64.0	7.0	12.0	ENE	0.0
9/17/2024 13:45	64.0	8.0	14.0	ENE	0.0
9/17/2024 13:50	64.0	8.0	13.0	E	0.0
9/17/2024 13:55	64.0	8.0	12.0	E	0.0
9/17/2024 14:00	64.0	8.0	18.0	E	0.0
9/17/2024 14:05	64.0	10.0	17.0	E	0.0
9/17/2024 14:10	63.0	9.0	17.0	SE	0.0
9/17/2024 14:15	63.0	10.0	17.0	SE	0.0
9/17/2024 14:20	62.0	10.0	16.0	ESE	0.0
9/17/2024 14:25	62.0	9.0	16.0	ESE	0.0
9/17/2024 14:30	63.0	9.0	16.0	ESE	0.0
9/17/2024 14:35	63.0	8.0	14.0	E	0.0
9/17/2024 14:40	63.0	9.0	14.0	ESE	0.0
9/17/2024 14:45	63.0	9.0	13.0	E	0.0
9/17/2024 14:50	63.0	9.0	14.0	E	0.0
9/17/2024 14:55	63.0	10.0	16.0	E	0.0
9/17/2024 15:00	63.0	9.0	14.0	E	0.0
9/17/2024 15:05	63.0	10.0	15.0	E	0.0
9/17/2024 15:10	63.0	11.0	16.0	ESE	0.0
9/17/2024 15:15	63.0	11.0	19.0	E	0.0
9/17/2024 15:20	62.0	12.0	17.0	E	0.0
9/17/2024 15:25	62.0	11.0	16.0	E	0.0
9/17/2024 15:30	62.0	10.0	16.0	E	0.0
9/17/2024 15:35	62.0	10.0	15.0	E	0.0
9/17/2024 15:40	62.0	10.0	15.0	E	0.0
9/17/2024 15:45	62.0	10.0	15.0	E	0.0
9/17/2024 15:50	62.0	11.0	17.0	ESE	0.0
9/17/2024 15:55	62.0	10.0	18.0	ESE	0.0
9/17/2024 16:00	62.0	11.0	18.0	E	0.0
9/17/2024 16:05	62.0	10.0	17.0	SE	0.0
9/17/2024 16:10	61.0	10.0	18.0	ESE	0.0
9/17/2024 16:15	61.0	10.0	16.0	SE	0.0
9/17/2024 16:20	61.0	11.0	17.0	ESE	0.0
9/17/2024 16:25	61.0	11.0	16.0	E	0.0
9/17/2024 16:30	61.0	9.0	15.0	E	0.0
9/17/2024 16:35	61.0	9.0	15.0	E	0.0
9/17/2024 16:40	61.0	9.0	16.0	E	0.0
9/17/2024 16:45	61.0	9.0	16.0	ESE	0.0
9/17/2024 16:50	61.0	12.0	17.0	E	0.0
9/17/2024 16:55	60.0	10.0	17.0	E	0.0
9/17/2024 17:00	60.0	10.0	17.0	E	0.0
9/17/2024 17:05	60.0	10.0	17.0	ESE	0.0
9/17/2024 17:10	60.0	11.0	17.0	ESE	0.0
9/17/2024 17:15	60.0	10.0	17.0	E	0.0
9/17/2024 17:20	60.0	9.0	16.0	SE	0.0
9/17/2024 17:25	60.0	10.0	15.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/17/2024 17:30	60.0	11.0	18.0	E	0.0
9/17/2024 17:35	60.0	11.0	16.0	E	0.0
9/17/2024 17:40	59.0	12.0	19.0	E	0.0
9/17/2024 17:45	59.0	11.0	17.0	ESE	0.0
9/17/2024 17:50	59.0	11.0	17.0	SE	0.0
9/17/2024 17:55	59.0	10.0	16.0	ENE	0.0
9/17/2024 18:00	59.0	10.0	14.0	E	0.0
9/21/2024 6:00	59.0	1.0	3.0	E	0.0
9/21/2024 6:05	59.0	1.0	3.0	ENE	0.0
9/21/2024 6:10	59.0	1.0	2.0	ENE	0.0
9/21/2024 6:15	59.0	0.0	1.0	ENE	0.0
9/21/2024 6:20	59.0	0.0	1.0	ENE	0.0
9/21/2024 6:25	59.0	0.0	0.0		0.0
9/21/2024 6:30	59.0	0.0	0.0		0.0
9/21/2024 6:35	59.0	0.0	0.0		0.0
9/21/2024 6:40	59.0	0.0	2.0	SSE	0.0
9/21/2024 6:45	59.0	1.0	3.0	S	0.0
9/21/2024 6:50	59.0	1.0	3.0	S	0.0
9/21/2024 6:55	59.0	0.0	3.0	S	0.0
9/21/2024 7:00	59.0	1.0	3.0	W	0.0
9/21/2024 7:05	59.0	1.0	3.0	WSW	0.0
9/21/2024 7:10	59.0	1.0	2.0	W	0.0
9/21/2024 7:15	59.0	1.0	3.0	W	0.0
9/21/2024 7:20	59.0	2.0	3.0	WNW	0.0
9/21/2024 7:25	59.0	1.0	2.0	NW	0.0
9/21/2024 7:30	59.0	0.0	2.0	NNE	0.0
9/21/2024 7:35	59.0	0.0	0.0		0.0
9/21/2024 7:40	59.0	0.0	2.0	NNE	0.0
9/21/2024 7:45	59.0	0.0	2.0	NNE	0.0
9/21/2024 7:50	59.0	1.0	3.0	NNE	0.0
9/21/2024 7:55	59.0	0.0	2.0	NNE	0.0
9/21/2024 8:00	59.0	0.0	2.0	NNE	0.0
9/21/2024 8:05	59.0	1.0	3.0	NNE	0.0
9/21/2024 8:10	59.0	1.0	3.0	NNE	0.0
9/21/2024 8:15	59.0	2.0	5.0	NNW	0.0
9/21/2024 8:20	59.0	3.0	6.0	W	0.0
9/21/2024 8:25	59.0	1.0	4.0	NW	0.0
9/21/2024 8:30	59.0	0.0	0.0		0.0
9/21/2024 8:35	59.0	0.0	3.0	NW	0.0
9/21/2024 8:40	59.0	2.0	5.0	N	0.0
9/21/2024 8:45	59.0	1.0	3.0	NNE	0.0
9/21/2024 8:50	60.0	2.0	6.0	N	0.0
9/21/2024 8:55	60.0	2.0	4.0	WNW	0.0
9/21/2024 9:00	60.0	2.0	5.0	NNW	0.0
9/21/2024 9:05	60.0	2.0	5.0	NNW	0.0
9/21/2024 9:10	60.0	3.0	5.0	NNW	0.0
9/21/2024 9:15	60.0	2.0	4.0	NNW	0.0
9/21/2024 9:20	60.0	1.0	3.0	NNE	0.0
9/21/2024 9:25	60.0	2.0	5.0	NNW	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/21/2024 9:30	60.0	2.0	5.0	N	0.0
9/21/2024 9:35	60.0	1.0	4.0	NW	0.0
9/21/2024 9:40	60.0	2.0	4.0	WNW	0.0
9/21/2024 9:45	60.0	2.0	4.0	WNW	0.0
9/21/2024 9:50	60.0	2.0	6.0	N	0.0
9/21/2024 9:55	60.0	2.0	4.0	NE	0.0
9/21/2024 10:00	61.0	3.0	5.0	NNW	0.0
9/21/2024 10:05	61.0	3.0	5.0	N	0.0
9/21/2024 10:10	61.0	2.0	6.0	NE	0.0
9/21/2024 10:15	61.0	3.0	6.0	N	0.0
9/21/2024 10:20	61.0	2.0	5.0	NNW	0.0
9/21/2024 10:25	62.0	3.0	6.0	NNE	0.0
9/21/2024 10:30	62.0	1.0	4.0	NNW	0.0
9/21/2024 10:35	62.0	2.0	5.0	ENE	0.0
9/21/2024 10:40	62.0	2.0	5.0	NNW	0.0
9/21/2024 10:45	63.0	2.0	5.0	N	0.0
9/21/2024 10:50	63.0	2.0	6.0	E	0.0
9/21/2024 10:55	62.0	3.0	6.0	E	0.0
9/21/2024 11:00	62.0	3.0	6.0	E	0.0
9/21/2024 11:05	62.0	3.0	8.0	ENE	0.0
9/21/2024 11:10	63.0	3.0	7.0	NE	0.0
9/21/2024 11:15	63.0	3.0	6.0	NE	0.0
9/21/2024 11:20	63.0	2.0	6.0	NE	0.0
9/21/2024 11:25	64.0	3.0	6.0	E	0.0
9/21/2024 11:30	64.0	3.0	7.0	ESE	0.0
9/21/2024 11:35	64.0	3.0	6.0	ENE	0.0
9/21/2024 11:40	64.0	3.0	7.0	E	0.0
9/21/2024 11:45	64.0	5.0	10.0	E	0.0
9/21/2024 11:50	64.0	5.0	9.0	E	0.0
9/21/2024 11:55	63.0	3.0	9.0	ESE	0.0
9/21/2024 12:00	63.0	4.0	8.0	E	0.0
9/21/2024 12:05	63.0	4.0	6.0	E	0.0
9/21/2024 12:10	63.0	3.0	7.0	E	0.0
9/21/2024 12:15	64.0	3.0	8.0	ENE	0.0
9/21/2024 12:20	64.0	4.0	8.0	E	0.0
9/21/2024 12:25	64.0	4.0	7.0	E	0.0
9/21/2024 12:30	64.0	4.0	8.0	SE	0.0
9/21/2024 12:35	64.0	5.0	8.0	ENE	0.0
9/21/2024 12:40	65.0	4.0	8.0	ESE	0.0
9/21/2024 12:45	65.0	5.0	10.0	E	0.0
9/21/2024 12:50	65.0	6.0	10.0	ESE	0.0
9/21/2024 12:55	65.0	6.0	10.0	E	0.0
9/21/2024 13:00	65.0	6.0	10.0	E	0.0
9/21/2024 13:05	66.0	7.0	11.0	E	0.0
9/21/2024 13:10	66.0	6.0	10.0	E	0.0
9/21/2024 13:15	66.0	5.0	10.0	E	0.0
9/21/2024 13:20	67.0	5.0	9.0	ENE	0.0
9/21/2024 13:25	67.0	5.0	10.0	E	0.0
9/21/2024 13:30	67.0	6.0	9.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/21/2024 13:35	67.0	6.0	10.0	ESE	0.0
9/21/2024 13:40	67.0	7.0	11.0	E	0.0
9/21/2024 13:45	67.0	6.0	11.0	E	0.0
9/21/2024 13:50	67.0	6.0	9.0	SE	0.0
9/21/2024 13:55	67.0	7.0	11.0	E	0.0
9/21/2024 14:00	67.0	9.0	13.0	E	0.0
9/21/2024 14:05	67.0	8.0	14.0	E	0.0
9/21/2024 14:10	67.0	8.0	13.0	E	0.0
9/21/2024 14:15	67.0	6.0	13.0	ESE	0.0
9/21/2024 14:20	68.0	7.0	12.0	E	0.0
9/21/2024 14:25	68.0	7.0	12.0	N	0.0
9/21/2024 14:30	68.0	7.0	12.0	E	0.0
9/21/2024 14:35	67.0	9.0	15.0	E	0.0
9/21/2024 14:40	67.0	8.0	12.0	E	0.0
9/21/2024 14:45	67.0	9.0	14.0	E	0.0
9/21/2024 14:50	67.0	8.0	14.0	ESE	0.0
9/21/2024 14:55	67.0	7.0	12.0	E	0.0
9/21/2024 15:00	68.0	8.0	14.0	SE	0.0
9/21/2024 15:05	68.0	8.0	13.0	ESE	0.0
9/21/2024 15:10	68.0	6.0	13.0	ESE	0.0
9/21/2024 15:15	68.0	7.0	13.0	E	0.0
9/21/2024 15:20	68.0	8.0	13.0	ESE	0.0
9/21/2024 15:25	68.0	9.0	13.0	ESE	0.0
9/21/2024 15:30	67.0	9.0	15.0	E	0.0
9/21/2024 15:35	67.0	9.0	16.0	SE	0.0
9/21/2024 15:40	67.0	10.0	16.0	ESE	0.0
9/21/2024 15:45	67.0	10.0	14.0	SE	0.0
9/21/2024 15:50	66.0	11.0	18.0	E	0.0
9/21/2024 15:55	66.0	10.0	16.0	ESE	0.0
9/21/2024 16:00	66.0	10.0	17.0	E	0.0
9/21/2024 16:05	66.0	8.0	16.0	E	0.0
9/21/2024 16:10	66.0	11.0	18.0	E	0.0
9/21/2024 16:15	66.0	11.0	18.0	ESE	0.0
9/21/2024 16:20	65.0	11.0	18.0	E	0.0
9/21/2024 16:25	65.0	10.0	18.0	SE	0.0
9/21/2024 16:30	65.0	11.0	17.0	ESE	0.0
9/21/2024 16:35	65.0	10.0	14.0	SSE	0.0
9/21/2024 16:40	65.0	9.0	16.0	ESE	0.0
9/21/2024 16:45	65.0	7.0	14.0	SE	0.0
9/21/2024 16:50	65.0	9.0	16.0	SE	0.0
9/21/2024 16:55	65.0	8.0	16.0	ESE	0.0
9/21/2024 17:00	65.0	7.0	13.0	E	0.0
9/21/2024 17:05	66.0	6.0	15.0	SSE	0.0
9/21/2024 17:10	66.0	9.0	13.0	E	0.0
9/21/2024 17:15	65.0	8.0	14.0	ESE	0.0
9/21/2024 17:20	65.0	7.0	15.0	ESE	0.0
9/21/2024 17:25	65.0	8.0	13.0	SE	0.0
9/21/2024 17:30	65.0	8.0	13.0	E	0.0
9/21/2024 17:35	65.0	7.0	14.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/21/2024 17:40	65.0	7.0	13.0	E	0.0
9/21/2024 17:45	65.0	7.0	12.0	E	0.0
9/21/2024 17:50	65.0	9.0	14.0	NE	0.0
9/21/2024 17:55	64.0	7.0	14.0	SE	0.0
9/21/2024 18:00	64.0	6.0	11.0	ESE	0.0
9/22/2024 6:00	59.0	0.0	0.0		0.0
9/22/2024 6:05	59.0	0.0	0.0		0.0
9/22/2024 6:10	59.0	0.0	2.0	E	0.0
9/22/2024 6:15	59.0	1.0	2.0	E	0.0
9/22/2024 6:20	59.0	1.0	4.0	E	0.0
9/22/2024 6:25	59.0	1.0	3.0	E	0.0
9/22/2024 6:30	59.0	0.0	1.0	E	0.0
9/22/2024 6:35	59.0	0.0	0.0		0.0
9/22/2024 6:40	58.0	0.0	0.0		0.0
9/22/2024 6:45	58.0	0.0	0.0		0.0
9/22/2024 6:50	58.0	0.0	2.0	E	0.0
9/22/2024 6:55	59.0	0.0	2.0	E	0.0
9/22/2024 7:00	59.0	0.0	2.0	E	0.0
9/22/2024 7:05	59.0	0.0	3.0	E	0.0
9/22/2024 7:10	58.0	1.0	2.0	E	0.0
9/22/2024 7:15	58.0	1.0	2.0	E	0.0
9/22/2024 7:20	58.0	0.0	2.0	ESE	0.0
9/22/2024 7:25	58.0	0.0	2.0	E	0.0
9/22/2024 7:30	58.0	0.0	2.0	E	0.0
9/22/2024 7:35	59.0	0.0	2.0	E	0.0
9/22/2024 7:40	58.0	1.0	3.0	E	0.0
9/22/2024 7:45	58.0	1.0	2.0	E	0.0
9/22/2024 7:50	59.0	0.0	2.0	E	0.0
9/22/2024 7:55	59.0	1.0	2.0	E	0.0
9/22/2024 8:00	58.0	1.0	3.0	E	0.0
9/22/2024 8:05	58.0	1.0	3.0	ESE	0.0
9/22/2024 8:10	58.0	2.0	4.0	E	0.0
9/22/2024 8:15	58.0	1.0	3.0	SE	0.0
9/22/2024 8:20	58.0	1.0	3.0	S	0.0
9/22/2024 8:25	58.0	2.0	3.0	E	0.0
9/22/2024 8:30	58.0	2.0	4.0	S	0.0
9/22/2024 8:35	58.0	2.0	4.0	ENE	0.0
9/22/2024 8:40	58.0	1.0	4.0	SE	0.0
9/22/2024 8:45	58.0	0.0	2.0	SE	0.0
9/22/2024 8:50	58.0	1.0	6.0	ESE	0.0
9/22/2024 8:55	58.0	2.0	6.0	E	0.0
9/22/2024 9:00	58.0	2.0	4.0	E	0.0
9/22/2024 9:05	58.0	2.0	4.0	ESE	0.0
9/22/2024 9:10	58.0	2.0	4.0	ESE	0.0
9/22/2024 9:15	58.0	1.0	4.0	S	0.0
9/22/2024 9:20	58.0	0.0	2.0	ESE	0.0
9/22/2024 9:25	58.0	1.0	4.0	E	0.0
9/22/2024 9:30	58.0	2.0	4.0	E	0.0
9/22/2024 9:35	58.0	1.0	4.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/22/2024 9:40	58.0	2.0	4.0	E	0.0
9/22/2024 9:45	58.0	1.0	3.0	E	0.0
9/22/2024 9:50	58.0	2.0	4.0	E	0.0
9/22/2024 9:55	59.0	1.0	4.0	E	0.0
9/22/2024 10:00	59.0	1.0	4.0	E	0.0
9/22/2024 10:05	59.0	1.0	3.0	SSE	0.0
9/22/2024 10:10	59.0	1.0	3.0	SE	0.0
9/22/2024 10:15	59.0	0.0	2.0	SE	0.0
9/22/2024 10:20	59.0	2.0	7.0	E	0.0
9/22/2024 10:25	59.0	3.0	7.0	E	0.0
9/22/2024 10:30	59.0	2.0	5.0	ENE	0.0
9/22/2024 10:35	60.0	3.0	7.0	E	0.0
9/22/2024 10:40	60.0	2.0	6.0	E	0.0
9/22/2024 10:45	60.0	3.0	7.0	ESE	0.0
9/22/2024 10:50	60.0	2.0	5.0	SW	0.0
9/22/2024 10:55	60.0	2.0	6.0	E	0.0
9/22/2024 11:00	61.0	4.0	7.0	E	0.0
9/22/2024 11:05	61.0	3.0	8.0	SE	0.0
9/22/2024 11:10	61.0	3.0	6.0	E	0.0
9/22/2024 11:15	61.0	5.0	9.0	ENE	0.0
9/22/2024 11:20	61.0	3.0	8.0	ENE	0.0
9/22/2024 11:25	61.0	3.0	7.0	ENE	0.0
9/22/2024 11:30	61.0	2.0	6.0	E	0.0
9/22/2024 11:35	62.0	2.0	5.0	ENE	0.0
9/22/2024 11:40	62.0	4.0	7.0	ENE	0.0
9/22/2024 11:45	62.0	4.0	7.0	NE	0.0
9/22/2024 11:50	62.0	3.0	6.0	E	0.0
9/22/2024 11:55	63.0	4.0	7.0	E	0.0
9/22/2024 12:00	63.0	3.0	7.0	NE	0.0
9/22/2024 12:05	63.0	2.0	6.0	E	0.0
9/22/2024 12:10	63.0	4.0	8.0	ENE	0.0
9/22/2024 12:15	63.0	3.0	8.0	E	0.0
9/22/2024 12:20	63.0	3.0	7.0	ESE	0.0
9/22/2024 12:25	63.0	2.0	5.0	ESE	0.0
9/22/2024 12:30	64.0	2.0	6.0	E	0.0
9/22/2024 12:35	64.0	3.0	6.0	E	0.0
9/22/2024 12:40	64.0	3.0	7.0	ESE	0.0
9/22/2024 12:45	64.0	3.0	7.0	E	0.0
9/22/2024 12:50	65.0	4.0	8.0	ENE	0.0
9/22/2024 12:55	65.0	5.0	9.0	E	0.0
9/22/2024 13:00	66.0	5.0	9.0	E	0.0
9/22/2024 13:05	66.0	4.0	9.0	ESE	0.0
9/22/2024 13:10	66.0	4.0	10.0	ESE	0.0
9/22/2024 13:15	67.0	4.0	10.0	ESE	0.0
9/22/2024 13:20	67.0	3.0	7.0	E	0.0
9/22/2024 13:25	67.0	2.0	4.0	E	0.0
9/22/2024 13:30	68.0	3.0	7.0	ENE	0.0
9/22/2024 13:35	68.0	6.0	10.0	ESE	0.0
9/22/2024 13:40	68.0	5.0	10.0	E	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/22/2024 13:45	68.0	5.0	9.0	E	0.0
9/22/2024 13:50	68.0	5.0	9.0	E	0.0
9/22/2024 13:55	68.0	6.0	10.0	ESE	0.0
9/22/2024 14:00	68.0	6.0	10.0	E	0.0
9/22/2024 14:05	68.0	6.0	10.0	E	0.0
9/22/2024 14:10	68.0	6.0	11.0	E	0.0
9/22/2024 14:15	67.0	7.0	11.0	E	0.0
9/22/2024 14:20	67.0	7.0	11.0	ESE	0.0
9/22/2024 14:25	67.0	7.0	11.0	S	0.0
9/22/2024 14:30	67.0	6.0	13.0	ESE	0.0
9/22/2024 14:35	67.0	6.0	11.0	E	0.0
9/22/2024 14:40	67.0	6.0	10.0	E	0.0
9/22/2024 14:45	68.0	6.0	10.0	E	0.0
9/22/2024 14:50	68.0	5.0	10.0	ENE	0.0
9/22/2024 14:55	68.0	6.0	10.0	E	0.0
9/22/2024 15:00	69.0	5.0	10.0	ENE	0.0
9/22/2024 15:05	69.0	5.0	9.0	NE	0.0
9/22/2024 15:10	70.0	4.0	10.0	ENE	0.0
9/22/2024 15:15	70.0	5.0	9.0	E	0.0
9/22/2024 15:20	71.0	5.0	9.0	E	0.0
9/22/2024 15:25	71.0	4.0	8.0	E	0.0
9/22/2024 15:30	71.0	3.0	8.0	E	0.0
9/22/2024 15:35	72.0	3.0	7.0	E	0.0
9/22/2024 15:40	72.0	4.0	7.0	E	0.0
9/22/2024 15:45	73.0	4.0	8.0	E	0.0
9/22/2024 15:50	73.0	5.0	8.0	SSE	0.0
9/22/2024 15:55	74.0	4.0	9.0	ESE	0.0
9/22/2024 16:00	74.0	5.0	10.0	E	0.0
9/22/2024 16:05	74.0	6.0	10.0	E	0.0
9/22/2024 16:10	74.0	7.0	11.0	E	0.0
9/22/2024 16:15	73.0	5.0	10.0	SE	0.0
9/22/2024 16:20	73.0	5.0	9.0	ESE	0.0
9/22/2024 16:25	72.0	6.0	11.0	ESE	0.0
9/22/2024 16:30	72.0	7.0	11.0	ESE	0.0
9/22/2024 16:35	71.0	8.0	12.0	E	0.0
9/22/2024 16:40	70.0	8.0	12.0	E	0.0
9/22/2024 16:45	70.0	7.0	13.0	ESE	0.0
9/22/2024 16:50	69.0	8.0	14.0	ESE	0.0
9/22/2024 16:55	69.0	8.0	12.0	ESE	0.0
9/22/2024 17:00	69.0	7.0	12.0	E	0.0
9/22/2024 17:05	68.0	7.0	13.0	ESE	0.0
9/22/2024 17:10	69.0	6.0	10.0	ESE	0.0
9/22/2024 17:15	69.0	5.0	10.0	ESE	0.0
9/22/2024 17:20	69.0	7.0	10.0	E	0.0
9/22/2024 17:25	69.0	8.0	12.0	ESE	0.0
9/22/2024 17:30	68.0	8.0	12.0	ESE	0.0
9/22/2024 17:35	68.0	6.0	9.0	ESE	0.0
9/22/2024 17:40	68.0	6.0	13.0	E	0.0
9/22/2024 17:45	68.0	8.0	13.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/22/2024 17:50	67.0	8.0	13.0	E	0.0
9/22/2024 17:55	66.0	8.0	14.0	ESE	0.0
9/22/2024 18:00	66.0	9.0	14.0	E	0.0
9/27/2024 6:00	56.0	0.0	0.0		0.0
9/27/2024 6:05	56.0	0.0	0.0		0.0
9/27/2024 6:10	56.0	0.0	0.0		0.0
9/27/2024 6:15	56.0	0.0	0.0		0.0
9/27/2024 6:20	56.0	0.0	0.0		0.0
9/27/2024 6:25	56.0	0.0	0.0		0.0
9/27/2024 6:30	56.0	0.0	0.0		0.0
9/27/2024 6:35	56.0	0.0	0.0		0.0
9/27/2024 6:40	56.0	0.0	0.0		0.0
9/27/2024 6:45	56.0	0.0	0.0		0.0
9/27/2024 6:50	56.0	0.0	0.0		0.0
9/27/2024 6:55	56.0	0.0	0.0		0.0
9/27/2024 7:00	56.0	0.0	0.0		0.0
9/27/2024 7:05	56.0	0.0	0.0		0.0
9/27/2024 7:10	56.0	0.0	0.0		0.0
9/27/2024 7:15	56.0	0.0	0.0		0.0
9/27/2024 7:20	56.0	0.0	0.0		0.0
9/27/2024 7:25	56.0	0.0	0.0		0.0
9/27/2024 7:30	57.0	0.0	0.0		0.0
9/27/2024 7:35	57.0	0.0	0.0		0.0
9/27/2024 7:40	57.0	0.0	0.0		0.0
9/27/2024 7:45	58.0	0.0	0.0		0.0
9/27/2024 7:50	58.0	0.0	0.0		0.0
9/27/2024 7:55	59.0	0.0	0.0		0.0
9/27/2024 8:00	60.0	0.0	0.0		0.0
9/27/2024 8:05	60.0	0.0	0.0		0.0
9/27/2024 8:10	61.0	0.0	0.0		0.0
9/27/2024 8:15	62.0	0.0	0.0		0.0
9/27/2024 8:20	63.0	0.0	0.0		0.0
9/27/2024 8:25	64.0	0.0	2.0	WSW	0.0
9/27/2024 8:30	64.0	0.0	2.0	WSW	0.0
9/27/2024 8:35	65.0	0.0	2.0	WSW	0.0
9/27/2024 8:40	66.0	0.0	2.0	WSW	0.0
9/27/2024 8:45	66.0	1.0	3.0	WSW	0.0
9/27/2024 8:50	66.0	1.0	3.0	WSW	0.0
9/27/2024 8:55	66.0	2.0	3.0	WNW	0.0
9/27/2024 9:00	67.0	1.0	4.0	NNW	0.0
9/27/2024 9:05	67.0	2.0	4.0	N	0.0
9/27/2024 9:10	68.0	1.0	3.0	WNW	0.0
9/27/2024 9:15	68.0	1.0	3.0	WNW	0.0
9/27/2024 9:20	69.0	1.0	3.0	NNE	0.0
9/27/2024 9:25	69.0	1.0	3.0	NW	0.0
9/27/2024 9:30	69.0	0.0	0.0		0.0
9/27/2024 9:35	69.0	0.0	2.0	ESE	0.0
9/27/2024 9:40	68.0	1.0	2.0	ESE	0.0
9/27/2024 9:45	68.0	0.0	2.0	ESE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/27/2024 9:50	69.0	0.0	0.0		0.0
9/27/2024 9:55	69.0	0.0	0.0		0.0
9/27/2024 10:00	69.0	0.0	0.0		0.0
9/27/2024 10:05	70.0	0.0	2.0	ESE	0.0
9/27/2024 10:10	70.0	1.0	4.0	ESE	0.0
9/27/2024 10:15	70.0	0.0	0.0		0.0
9/27/2024 10:20	71.0	1.0	3.0	ESE	0.0
9/27/2024 10:25	71.0	1.0	3.0	ESE	0.0
9/27/2024 10:30	71.0	1.0	4.0	ESE	0.0
9/27/2024 10:35	71.0	2.0	3.0	ESE	0.0
9/27/2024 10:40	71.0	2.0	4.0	ESE	0.0
9/27/2024 10:45	71.0	2.0	4.0	ESE	0.0
9/27/2024 10:50	72.0	3.0	6.0	E	0.0
9/27/2024 10:55	71.0	4.0	7.0	E	0.0
9/27/2024 11:00	70.0	4.0	7.0	ESE	0.0
9/27/2024 11:05	70.0	4.0	7.0	E	0.0
9/27/2024 11:10	70.0	4.0	6.0	E	0.0
9/27/2024 11:15	70.0	4.0	8.0	E	0.0
9/27/2024 11:20	70.0	4.0	6.0	ESE	0.0
9/27/2024 11:25	70.0	4.0	7.0	ESE	0.0
9/27/2024 11:30	70.0	4.0	9.0	E	0.0
9/27/2024 11:35	70.0	4.0	8.0	ESE	0.0
9/27/2024 11:40	70.0	4.0	7.0	ESE	0.0
9/27/2024 11:45	70.0	5.0	8.0	ESE	0.0
9/27/2024 11:50	70.0	4.0	8.0	E	0.0
9/27/2024 11:55	71.0	4.0	8.0	E	0.0
9/27/2024 12:00	71.0	6.0	9.0	E	0.0
9/27/2024 12:05	71.0	5.0	8.0	E	0.0
9/27/2024 12:10	71.0	5.0	9.0	E	0.0
9/27/2024 12:15	71.0	4.0	8.0	ENE	0.0
9/27/2024 12:20	72.0	5.0	9.0	ESE	0.0
9/27/2024 12:25	72.0	5.0	8.0	E	0.0
9/27/2024 12:30	73.0	5.0	8.0	E	0.0
9/27/2024 12:35	73.0	4.0	7.0	ESE	0.0
9/27/2024 12:40	74.0	4.0	8.0	E	0.0
9/27/2024 12:45	75.0	5.0	8.0	ESE	0.0
9/27/2024 12:50	75.0	5.0	9.0	E	0.0
9/27/2024 12:55	75.0	5.0	8.0	E	0.0
9/27/2024 13:00	75.0	5.0	8.0	E	0.0
9/27/2024 13:05	75.0	4.0	7.0	ESE	0.0
9/27/2024 13:10	76.0	3.0	7.0	E	0.0
9/27/2024 13:15	76.0	4.0	7.0	ENE	0.0
9/27/2024 13:20	77.0	4.0	8.0	ESE	0.0
9/27/2024 13:25	77.0	4.0	7.0	ESE	0.0
9/27/2024 13:30	78.0	4.0	7.0	E	0.0
9/27/2024 13:35	77.0	4.0	8.0	E	0.0
9/27/2024 13:40	77.0	4.0	8.0	ESE	0.0
9/27/2024 13:45	78.0	4.0	8.0	E	0.0
9/27/2024 13:50	78.0	5.0	8.0	E	0.0

### Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/27/2024 13:55	78.0	5.0	9.0	E	0.0
9/27/2024 14:00	78.0	5.0	8.0	E	0.0
9/27/2024 14:05	78.0	4.0	8.0	ENE	0.0
9/27/2024 14:10	79.0	5.0	8.0	E	0.0
9/27/2024 14:15	79.0	4.0	7.0	ESE	0.0
9/27/2024 14:20	79.0	4.0	7.0	E	0.0
9/27/2024 14:25	80.0	4.0	7.0	ENE	0.0
9/27/2024 14:30	81.0	4.0	8.0	ENE	0.0
9/27/2024 14:35	82.0	4.0	8.0	ENE	0.0
9/27/2024 14:40	83.0	3.0	8.0	E	0.0
9/27/2024 14:45	83.0	3.0	6.0	E	0.0
9/27/2024 14:50	84.0	3.0	7.0	E	0.0
9/27/2024 14:55	84.0	4.0	7.0	E	0.0
9/27/2024 15:00	84.0	3.0	6.0	E	0.0
9/27/2024 15:05	85.0	3.0	7.0	E	0.0
9/27/2024 15:10	85.0	4.0	7.0	E	0.0
9/27/2024 15:15	85.0	4.0	8.0	E	0.0
9/27/2024 15:20	85.0	4.0	8.0	ESE	0.0
9/27/2024 15:25	85.0	4.0	8.0	E	0.0
9/27/2024 15:30	85.0	5.0	9.0	ESE	0.0
9/27/2024 15:35	84.0	6.0	9.0	E	0.0
9/27/2024 15:40	84.0	6.0	9.0	SE	0.0
9/27/2024 15:45	83.0	5.0	8.0	E	0.0
9/27/2024 15:50	83.0	6.0	10.0	SE	0.0
9/27/2024 15:55	84.0	6.0	10.0	E	0.0
9/27/2024 16:00	84.0	7.0	10.0	E	0.0
9/27/2024 16:05	84.0	6.0	11.0	E	0.0
9/27/2024 16:10	84.0	6.0	11.0	SE	0.0

## Ox Mountain Landfill Weather Data

Date & Time	Temp - °F	Avg Wind Speed - mph	High Wind Speed - mph	High Wind Direction	Rain - inches
9/27/2024 16:15	84.0	7.0	12.0	ESE	0.0
9/27/2024 16:20	83.0	9.0	13.0	E	0.0
9/27/2024 16:25	82.0	7.0	11.0	E	0.0
9/27/2024 16:30	82.0	6.0	10.0	E	0.0
9/27/2024 16:35	81.0	5.0	10.0	E	0.0
9/27/2024 16:40	81.0	6.0	12.0	E	0.0
9/27/2024 16:45	80.0	6.0	11.0	E	0.0
9/27/2024 16:50	80.0	8.0	12.0	E	0.0
9/27/2024 16:55	79.0	9.0	13.0	E	0.0
9/27/2024 17:00	79.0	8.0	13.0	E	0.0
9/27/2024 17:05	79.0	8.0	13.0	E	0.0
9/27/2024 17:10	78.0	8.0	13.0	E	0.0
9/27/2024 17:15	78.0	8.0	12.0	ESE	0.0
9/27/2024 17:20	78.0	7.0	10.0	SE	0.0
9/27/2024 17:25	78.0	6.0	10.0	ESE	0.0
9/27/2024 17:30	78.0	7.0	11.0	E	0.0
9/27/2024 17:35	78.0	6.0	10.0	E	0.0
9/27/2024 17:40	78.0	4.0	7.0	ESE	0.0
9/27/2024 17:45	78.0	6.0	8.0	E	0.0
9/27/2024 17:50	78.0	5.0	9.0	E	0.0
9/27/2024 17:55	78.0	6.0	10.0	E	0.0
9/27/2024 18:00	78.0	5.0	11.0	E	0.0

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

MPH - miles per hour    °F - Fahrenheit    N/A - Not Applicable    N - North    W - West    E - East  
 S - South    WSW - West Southwest    NNW - North Northwest  
 NE - Northeast    ENE - East Northeast    NNE - North Northeast  
 SE - Southeast    ESE - East Southeast

## APPENDIX F

### WIND SPEED DATA

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
7/15/24, 10:30AM	5	9	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 10:45AM	4	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 11:00AM	4	7	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 11:15AM	4	6	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 11:30AM	3	7	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 11:45AM	4	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 12:00PM	5	7	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 12:15PM	4	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 12:30PM	3	9	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 12:45PM	3	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 13:00PM	5	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 13:15PM	4	7	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 13:30PM	4	7	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 13:45PM	5	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 14:00PM	4	9	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/15/24, 14:15PM	4	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
7/19/2024, 9:00AM	3	6	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 9:15AM	3	5	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 9:30AM	4	4	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 9:45AM	4	7	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 10:00AM	3	7	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 10:15AM	5	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 10:30AM	4	6	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 10:45AM	3	5	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 11:00AM	4	7	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 11:15AM	4	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 11:30AM	3	6	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 11:45AM	3	5	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 12:00PM	3	7	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 12:15PM	3	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 12:30PM	4	7	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 12:45PM	3	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 13:00PM	2	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 13:15PM	3	6	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 13:30PM	3	6	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 13:45PM	2	5	W	Brian Song	EXTECH mini Thermo-Anemometer 45118
7/19/24, 14:00PM	2	8	W	Brian Song	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
07/30/2024, 11.00 AM	0.5	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 11.15 AM	0	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 11.30 AM	0	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 11.45 AM	0	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 12.00 PM	0.8	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 12.15 PM	2	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 12.30 PM	2.4	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 12.45 PM	2.2	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 13.00 PM	3.3	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 13.15 PM	0.9	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 13.30 PM	2.4	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 13.45 PM	3.2	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 14.00 PM	3	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/30/2024, 14.15 PM	3.2	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131

MPH - miles per hour

N - North

E - East

S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
07/31/2024, 09.00 AM	0.5	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 09.15 AM	3.2	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 09.30 AM	4.8	5	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 09.45 AM	2.3	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 10.00 AM	4.7	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 10.15 AM	2	6	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 11.45 AM	1.3	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 12.00 PM	4.6	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 12.15 PM	3.2	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 12.30PM	1.4	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 12.45 PM	4.9	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 13.00 PM	2.3	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 13.15 PM	2.9	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 13.30 PM	0	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 13.45 PM	0.7	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
07/31/2024, 14.00 PM	0.3	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131

MPH - miles per hour    N - North

E - East

S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
08/08/2024, 09.00 AM	0.5	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 09.15 AM	1.1	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 09.30 AM	0.9	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 09.45 AM	2.3	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 10.00 AM	1.2	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 10.15 AM	2	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 10.30 AM	1.3	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 10.45 AM	0.2	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 11.00 AM	0.7	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 11.15 AM	1.4	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 11.30 AM	2.2	9	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 11.45 AM	1.3	9	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 12.00PM	1.5	9	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 12.15 PM	0	9	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 12.30 PM	0.7	9	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/08/2024, 12.45 PM	0.3	9	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131

MPH - miles per hour    N - North

E - East

S - South

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
08/13/2024, 11.00 AM	2.3	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/13/2024, 11.15AM	2.9	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/13/2024, 11.30AM	1.3	3	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/13/2024, 11.45 AM	1.4	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/13/2024, 12.00 PM	1.2	5	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/13/2024, 12.15 PM	2	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/13/2024, 12.30 PM	1.3	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/13/2024, 13.00 PM	0.2	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/13/2024, 13.15 PM	0.7	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/13/2024, 13.30 PM	1.4	5	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/13/2024, 13.45 PM	2.2	9	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/13/2024, 14.00 PM	1.3	9	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131

MPH - miles per hour

N - North

E - East

S - South

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
08/14/2024, 08.15 AM	1.1	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 08.30 AM	1.7	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 08.45AM	0.5	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 09.00 AM	1.3	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 09.15 AM	1.4	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 09.30 AM	1.2	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 09.45 AM	1	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 10.00AM	1.3	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 10.15 AM	4.6	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 10.30 AM	2.2	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 10.45 AM	1.4	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 11.00 AM	2.2	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 11.15 AM	3.9	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 11.30 AM	1.3	9	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 11.45 AM	0.6	10	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 12.00 PM	2.9	10	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/14/2024, 12.15 PM	2.1	10	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131

MPH - miles per hour

N - North

E - East

S - South

### Ox Mountain Landfill Anemometer Wind Data

<b>Date/Time:</b>	<b>Wind Avg mph (10 second sample)</b>	<b>Gusts mph</b>	<b>Wind Direction</b>	<b>Technician Performed By:</b>	<b>Device:</b>
8/14/2024, 11:00AM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/14/2024, 11:15AM	2	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/14/2024, 11:30AM	3	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/14/2024, 11:45AM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/14/2024, 12:00PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/14/2024, 12:15PM	3	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/14/2024, 12:30PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/14/2024, 12:45PM	2	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/14/2024, 1:00PM	3	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/14/2024, 1:15PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/14/2024, 1:30PM	5	8	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
08/15/2024, 10.00 AM	1.1	8	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 10.15 AM	1.7	8	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 10.30 AM	0.5	8	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 10.45 AM	0	8	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 11.00 AM	1.8	8	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 11.15 AM	0.4	8	W	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 11.30 AM	0	16	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 11.45 AM	0.8	16	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 12.00 PM	1	16	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 12.15 PM	0.5	16	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 12.30 PM	0	16	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 12.45 PM	2.8	16	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/15/2024, 13.00 PM	1.4	16	NW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131

MPH - miles per hour

N - North

E - East

S - South

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
8/15/2024, 11:00AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/15/2024, 11:15AM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/15/2024, 11:30AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/15/2024, 11:45AM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/15/2024, 12:00PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/15/2024, 12:15PM	3	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/15/2024, 12:30PM	4	8	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/15/2024, 12:45PM	5	8	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/15/2024, 1:00PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/15/2024, 1:15PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

<b>Date/Time:</b>	<b>Wind Avg mph (10 second sample)</b>	<b>Gusts mph</b>	<b>Wind Direction</b>	<b>Technician Performed By:</b>	<b>Device:</b>
8/16/2024, 12:00PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/16/2024, 12:15PM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/16/2024, 12:30PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/16/2024, 12:45PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/16/2024, 1:00PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

<b>Date/Time:</b>	<b>Wind Avg mph (10 second sample)</b>	<b>Gusts mph</b>	<b>Wind Direction</b>	<b>Technician Performed By:</b>	<b>Device:</b>
8/22/2024, 10:00AM	3	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 10:15AM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 10:30AM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 10:45AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 11:00AM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 11:15AM	4	8	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 11:30AM	3	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 11:45AM	4	9	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 12:00PM	5	9	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 12:15PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 12:30PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 12:45PM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 1:00PM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

<b>Date/Time:</b>	<b>Wind Avg mph (10 second sample)</b>	<b>Gusts mph</b>	<b>Wind Direction</b>	<b>Technician Performed By:</b>	<b>Device:</b>
8/22/2024, 10:45AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 11:00AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 11:15AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 11:30AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 11:45AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 12:00PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 12:15PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 12:30PM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 12:45PM	1	1	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 1:00PM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/22/2024, 1:15PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
8/27/2024, 10:15AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 10:30AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 10:45AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 11:00AM	1	1	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 11:15AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 11:30AM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 11:45AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 12:00PM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 12:15PM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 12:30PM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 12:45PM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 1:00PM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 1:15PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 1:30PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/27/2024, 1:45PM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
08/28/2024, 07.00 AM	0	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 07.00 AM	0	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 07.15 AM	0.9	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 07.30 AM	0.8	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 08.00 AM	0	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 08.15 AM	0	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 08.30 AM	0.4	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 08.45AM	0.2	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 09.00 AM	0.7	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 09.15AM	1.4	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 09.30 AM	0	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 09.45 AM	0.6	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 10.00 AM	0	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 10.15 AM	0	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 10.30 AM	1.6	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 10.45 AM	0.7	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 11.00 AM	1	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 11.15 AM	0.6	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 11.30 AM	0	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/28/2024, 11.45 AM	1.1	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131

MPH - miles per hour

N - North

E - East

S - South

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
8/28/2024, 12:45PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/28/2024, 1:00PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/28/2024, 1:15PM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/28/2024, 1:30PM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/28/2024, 1:45PM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/28/2024, 2:00PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/28/2024, 2:15PM	4	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
8/28/2024, 2:30PM	4	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
08/29/2024, 08.00 AM	2.2	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 08.15 AM	1.7	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 08.30 AM	0.4	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 08.45AM	1.1	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 09.00 AM	2.4	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 09.15AM	1.6	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 09.30AM	0.4	3	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 09.45 AM	1.9	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 10.00 AM	2.5	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 10.15 AM	1.4	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 10.30 AM	0	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 10.45 AM	0.6	4	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 11.00 AM	0	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 11.15 AM	0	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 11.30 AM	3.4	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 11.45 AM	0.7	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 12.00 PM	2.3	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 12.15 PM	1.7	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 12.30 PM	0.3	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 12.45 PM	1	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 13.00 PM	2.5	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 13.15 PM	1.9	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 13.30 PM	0	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 13.45 PM	3.4	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131
08/29/2024, 14.00 PM	2.3	8	SW	Lusi Naivalurua	EXTECH mini Thermo-Anemometer 45131

MPH - miles per hour    N - North

E - East

S - South

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
9/4/2024, 1:00PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/4/2024, 1:15PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/4/2024, 1:30PM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/4/2024, 1:45PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/4/2024, 2:00PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/4/2024, 2:15PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/4/2024, 2:30PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/4/2024, 2:45PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/4/2024, 3:00PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

<b>Date/Time:</b>	<b>Wind Avg mph (10 second sample)</b>	<b>Gusts mph</b>	<b>Wind Direction</b>	<b>Technician Performed By:</b>	<b>Device:</b>
9/5/2024, 11:45AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/5/2024, 12:00PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/5/2024, 12:15PM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/5/2024, 12:30PM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/5/2024, 12:45PM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/5/2024, 1:00PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/5/2024, 1:15PM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/5/2024, 1:30PM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/5/2024, 1:45PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/5/2024, 2:00PM	3	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/5/2024, 2:15PM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
9/6/2024, 12:30PM	3	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/6/2024, 12:45PM	4	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/6/2024, 1:00PM	4	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/6/2024, 1:15PM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/6/2024, 1:30PM	4	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/6/2024, 1:45PM	5	8	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/6/2024, 2:00PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/6/2024, 2:15PM	4	7	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
9/7/2024, 9:00AM	2	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 9:15AM	2	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 9:30AM	2	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 9:45AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 10:00AM	2	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 10:15AM	3	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 10:30AM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 10:45AM	4	4	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 11:00AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 11:15AM	3	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 11:30AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 11:45AM	4	6	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/7/2024, 12:00PM	4	5	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
9/11/2024, 9:00AM	3	5	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 9:15AM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 9:30AM	3	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 9:45AM	4	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 10:00AM	4	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 10:15AM	5	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 10:30AM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 10:45AM	4	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 11:00AM	5	7	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 11:15AM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 11:30AM	4	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 11:45AM	5	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 12:00PM	5	9	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 12:15PM	4	8	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 12:30PM	4	9	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 12:45PM	5	9	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/11/2024, 1:00PM	4	9	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
9/12/2024, 9:15AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 9:30AM	1	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 9:45AM	1	1	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 10:00AM	1	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 10:15AM	2	2	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 10:30AM	3	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 10:45AM	2	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 11:00AM	3	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 12:00PM	3	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 12:15PM	3	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 12:30PM	2	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 12:45PM	3	3	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 1:00PM	4	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 1:15PM	3	4	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/12/2024, 1:30PM	4	6	NW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

## Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
9/17/2024, 9:15AM	4	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 9:30AM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 9:45AM	4	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 10:00AM	4	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 10:15AM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 10:30AM	4	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 10:45AM	5	6	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 11:00AM	5	6	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 11:15AM	4	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 11:30AM	5	6	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 11:45AM	5	7	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 12:00PM	4	6	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 12:15PM	4	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 12:30PM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 12:45PM	4	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 1:00PM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 1:15PM	4	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 1:30PM	4	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 1:45PM	2	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/17/2024, 2:00PM	4	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
9/21/2024, 8:45AM	2	3	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 9:00AM	2	2	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 9:15AM	3	3	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 9:30AM	2	2	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 9:45AM	2	2	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 10:00AM	3	3	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 10:15AM	3	4	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 10:30AM	4	4	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 10:45AM	3	5	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 11:00AM	3	4	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 11:15AM	4	5	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 11:30AM	4	6	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 11:45AM	3	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 12:00PM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/21/2024, 12:15PM	4	5	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

<b>Date/Time:</b>	<b>Wind Avg mph (10 second sample)</b>	<b>Gusts mph</b>	<b>Wind Direction</b>	<b>Technician Performed By:</b>	<b>Device:</b>
9/22/2024, 8:45AM	1	2	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/22/2024, 9:00AM	1	1	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/22/2024, 9:15AM	2	2	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/22/2024, 9:30AM	1	2	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/22/2024, 9:45AM	2	2	SE	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/22/2024, 10:00AM	3	3	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/22/2024, 10:15AM	2	3	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/22/2024, 10:30AM	2	2	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/22/2024, 10:45AM	3	3	S	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/22/2024, 11:00AM	3	4	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/22/2024, 11:15AM	2	3	SW	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

### Ox Mountain Landfill Anemometer Wind Data

Date/Time:	Wind Avg mph (10 second sample)	Gusts mph	Wind Direction	Technician Performed By:	Device:
9/27/2024, 10:15AM	1	1	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/27/2024, 10:30AM	1	1	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/27/2024, 10:45AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/27/2024, 11:00AM	1	1	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/27/2024, 11:15AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/27/2024, 11:30AM	1	2	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118
9/27/2024, 11:45AM	2	3	W	Matt Bowman	EXTECH mini Thermo-Anemometer 45118

# APPENDIX I

## COMPONENT LEAK CHECK REPORTS









## APPENDIX J

### WELLFIELD MONITORING LOGS

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>†</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OMLEW101	4/12/2024 13:34	48.6	37.2	1.3	12.9	-14.11	-14.19	-36.99	70.1	30.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OMLEW101	4/26/2024 12:42	33.8	29.8	1.6	34.8	-21.01	-18.44	-42.96	81.0	29.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OMLEW101	4/26/2024 12:46	54.8	36.5	0.7	8.0	-23.19	-23.20	-43.95	63.5	10.4	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW104	4/10/2024 14:21	50.1	33.9	2.0	14.0	-40.04	-40.04	-42.07	80.4	38.3	Valve Adjustment:No Change
OMLEW104	4/24/2024 13:02	47.6	34.4	2.0	16.0	-41.98	-41.98	-44.47	78.9	40.7	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW107	4/10/2024 14:23	52.4	34.2	0.3	13.1	-41.96	-41.94	-41.86	79.0	3.4	Valve Adjustment:No Change
OMLEW107	4/24/2024 12:59	57.2	35.8	0.3	6.7	-44.06	-44.11	-44.12	70.0	11.2	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW59	4/5/2024 11:42	57.6	39.1	0.0	3.3	-2.52	-3.06	-39.64	101.6	14.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OMLFEW59	4/18/2024 10:13	45.4	35.0	0.0	19.6	-1.94	-1.93	-22.15	106.6	22.3	Valve Adjustment:No Change
OMLFEW72	4/10/2024 13:08	49.2	35.7	0.0	15.1	-2.09	-2.26	-42.19	64.0	6.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMLFEW72	4/24/2024 13:19	43.7	34.4	0.0	21.9	-2.44	-1.85	-44.36	63.2	7.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLFEW99	4/5/2024 14:39	54.8	37.0	0.2	8.0	-0.61	-1.18	-46.22	62.4	6.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMLFEW99	4/23/2024 15:30	39.3	31.7	0.2	28.8	-1.58	-1.30	-46.94	64.6	14.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS01	4/10/2024 14:11	39.3	32.8	2.1	25.8	-0.56	-0.41	-43.17	75.3	8.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS01	4/26/2024 10:21	28.1	25.3	10.9	35.7	-0.53	-0.35	-46.54	71.0	5.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS02	4/10/2024 14:05	47.0	33.7	1.2	18.1	-0.35	-0.35	-44.88	72.0	8.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	4/26/2024 11:04	40.0	30.2	1.6	28.2	-0.52	-0.43	-47.70	68.4	8.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS03	4/10/2024 14:01	35.5	28.1	0.9	35.5	-0.54	-0.46	-44.96	68.6	7.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS03	4/26/2024 11:00	28.3	25.2	0.6	45.9	-0.68	-0.45	-47.23	65.7	6.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	4/9/2024 8:33	14.5	15.1	12.1	58.3	-0.55	-0.55	-44.11	66.8	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	4/24/2024 14:10	12.8	10.6	10.6	66.0	-0.33	-0.32	-45.53	65.9	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	4/9/2024 8:37	6.0	4.2	4.7	85.1	-0.58	-0.57	-34.73	62.1	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	4/24/2024 14:06	10.0	9.7	13.0	67.3	-0.35	-0.35	-45.43	66.6	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	4/9/2024 8:45	17.7	18.4	6.8	57.1	-0.73	-0.63	-37.61	82.4	9.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	4/24/2024 14:02	21.5	17.7	7.2	53.6	-0.58	-0.37	-45.54	82.6	7.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	4/9/2024 9:19	43.3	30.5	2.0	24.2	-0.77	-0.75	-37.34	74.7	5.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	4/24/2024 13:47	39.2	30.4	2.9	27.5	-0.44	-0.42	-43.18	72.6	1.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	4/9/2024 9:29	4.4	7.9	14.7	73.0	-6.42	-0.67	-38.97	67.9	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	4/24/2024 13:53	19.7	12.0	10.9	57.4	-0.47	-0.47	-38.15	68.8	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	4/9/2024 8:12	35.6	29.9	0.6	33.9	-1.77	-0.35	-36.89	72.4	11.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	4/18/2024 11:02	44.0	30.5	1.0	24.5	-0.91	-0.91	-24.77	76.2	8.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	4/9/2024 10:59	32.0	23.8	5.0	39.2	-1.56	-0.36	-38.30	70.4	11.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	4/18/2024 11:07	34.0	25.1	3.4	37.5	-0.80	-0.79	-29.16	73.8	7.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	4/9/2024 10:51	30.3	23.9	8.9	36.9	-1.24	-0.51	-40.01	68.6	4.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	4/18/2024 11:15	36.2	25.0	6.2	32.6	-0.51	-0.51	-30.19	70.4	1.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	4/9/2024 10:48	35.1	24.9	6.7	33.3	-0.70	-0.69	-39.92	71.8	5.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	4/18/2024 11:24	46.6	31.3	2.1	20.0	-0.33	-0.33	-28.98	75.1	4.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	4/9/2024 10:39	43.9	31.6	3.7	20.8	-0.41	-0.41	-44.94	71.0	9.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	4/18/2024 11:39	52.5	35.3	1.4	10.8	-0.18	-0.18	-32.78	73.9	9.4	Valve Adjustment:No Change,Valve at minimum position

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>†</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OMTLTS15	4/18/2024 11:43	52.4	34.4	1.3	11.9	-0.25	-0.25	-32.68	73.4	12.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	4/9/2024 10:34	51.1	35.0	1.5	12.4	-0.56	-0.54	-38.35	72.6	0.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	4/18/2024 11:51	56.3	37.6	0.8	5.3	-0.16	-0.16	-25.19	76.7	1.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS17	4/9/2024 10:29	53.6	34.8	0.4	11.2	-0.44	-0.46	-40.32	65.0	7.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS17	4/18/2024 11:59	56.4	36.1	0.3	7.2	-0.23	-0.22	-28.45	67.2	5.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	4/18/2024 12:04	58.2	39.3	0.2	2.3	-0.26	-0.27	-28.49	66.1	6.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS18	4/8/2024 15:20	59.0	36.6	0.1	4.3	-0.02	-0.18	-41.75	68.3	12.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS18	4/18/2024 12:10	58.3	38.8	0.0	2.9	-0.05	-0.14	-28.79	67.8	10.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS19	4/8/2024 15:11	58.9	36.7	0.1	4.3	-1.31	-1.57	-41.06	75.2	10.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS19	4/9/2024 10:20	58.1	39.2	0.2	2.5	-0.04	-0.10	-41.07	63.1	30.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OMTLTS19	4/9/2024 10:23	58.3	38.7	0.0	3.0	-0.39	-0.43	-41.98	74.3	36.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OMTLTS19	4/18/2024 12:16	58.4	39.6	0.1	1.9	-0.04	-0.24	-28.45	73.9	35.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OMTLTS19	4/19/2024 11:33	55.8	37.1	0.2	6.9	-1.23	-1.23	-40.11	73.2	58.7	Valve Adjustment:No Change,Valve 40% open
OMTLTS19	4/19/2024 11:37	58.0	40.3	0.0	1.7	-1.31	-1.65	-40.69	73.1	58.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OMTLTS20	4/8/2024 15:15	59.4	38.4	0.1	2.1	-1.88	-3.18	-48.03	72.3	108.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OMTLTS20	4/18/2024 12:24	57.8	39.9	0.1	2.2	-2.28	-2.28	-33.86	70.3	85.3	Valve Adjustment:No Change,Valve 50% open
OMTLTS20	4/19/2024 10:39	50.9	34.7	1.9	12.5	-3.77	-3.77	-45.48	69.2	97.8	Valve Adjustment:No Change,Valve 55% open
OMTLTS20	4/19/2024 10:47	50.8	35.0	2.0	12.2	-3.94	-1.89	-45.70	69.2	99.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXE2022R	4/11/2024 13:21	54.2	39.6	0.7	5.5	-35.80	-35.83	-36.19	88.9	1.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXE2022R	4/25/2024 13:24	52.1	37.6	1.0	9.3	-38.30	-38.44	-44.89	75.2	3.0	Valve Adjustment:No Change,Valve 20% open
OXEW133B	4/10/2024 13:44	47.1	36.2	0.4	16.3	-8.37	-8.28	-43.24	71.2	93.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW133B	4/26/2024 10:54	39.2	30.0	1.3	29.5	-8.13	-7.43	-46.46	63.0	99.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	4/10/2024 13:41	48.6	37.2	0.0	14.2	-9.52	-9.26	-44.76	76.8	0.0	Valve Adjustment:No Change
OXEW134A	4/26/2024 10:46	38.6	32.5	0.4	28.5	-11.52	-8.70	-47.03	66.9	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	4/10/2024 13:39	49.0	36.9	0.1	14.0	-14.26	-14.12	-44.71	87.7	50.9	Valve Adjustment:No Change
OXEW134B	4/26/2024 10:42	40.4	31.8	0.5	27.3	-12.13	-10.50	-47.13	63.2	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW137B	4/9/2024 9:07	55.3	37.4	0.8	6.5	-42.47	-42.90	-43.02	68.2	28.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW137B	4/24/2024 13:40	58.1	39.1	0.6	2.2	-44.14	-44.16	-44.44	69.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	4/3/2024 10:59	56.9	41.7	0.0	1.4	-20.05	-20.55	-35.44	118.8	156.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	4/22/2024 13:54	49.4	33.4	1.0	16.2	-23.39	-23.38	-44.00	122.4	54.6	Valve Adjustment:No Change
OXEW1602	4/8/2024 12:22	54.0	39.3	0.8	5.9	-22.00	-22.00	-40.26	126.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	4/22/2024 15:29	52.2	36.1	1.0	10.7	-27.91	-27.95	-45.03	126.0	19.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	4/3/2024 11:22	57.0	43.0	0.0	0.0	-36.18	-37.20	-35.96	98.5	5.8	Valve Adjustment:No Change,Valve 100% open
OXEW1603	4/22/2024 14:12	54.9	38.7	0.1	6.3	-42.17	-42.16	-42.67	98.1	3.3	Valve Adjustment:No Change,Valve 100% open
OXEW1604	4/12/2024 13:01	52.1	37.1	0.5	10.3	-8.57	-8.66	-35.35	123.5	140.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	4/22/2024 14:20	52.0	38.6	0.4	9.0	-10.44	-10.46	-39.70	123.8	216.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1611	4/11/2024 9:57	57.4	39.3	3.3	0.0	-32.02	-32.02	-32.02	76.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	4/25/2024 9:52	48.4	35.2	3.9	12.5	-33.01	-32.81	-33.25	53.7	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1612	4/8/2024 12:05	54.5	37.8	0.8	6.9	-40.34	-40.34	-40.46	125.8	22.1	Valve Adjustment:Opened valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>†</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXEW1612	4/22/2024 15:33	55.5	40.0	0.8	3.7	-43.68	-43.68	-44.51	125.7	21.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	4/12/2024 13:06	49.5	41.3	1.5	7.7	-0.03	-0.44	-39.60	120.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	4/22/2024 14:25	48.6	37.7	0.4	13.3	-39.06	-39.06	-44.27	117.9	76.9	Valve Adjustment:No Change
OXEW1614	4/8/2024 12:48	49.3	40.1	0.0	10.6	-2.06	-2.06	-39.64	111.2	12.4	Valve Adjustment:No Change
OXEW1614	4/22/2024 14:36	47.8	37.4	0.1	14.7	-2.73	-2.72	-44.42	110.0	13.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	4/11/2024 13:57	53.0	38.9	1.0	7.1	-27.50	-28.48	-33.14	113.7	19.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	4/25/2024 13:52	50.8	36.4	1.3	11.5	-29.73	-29.66	-33.78	112.7	10.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1617	4/12/2024 9:27	51.9	40.6	0.0	7.5	-5.66	-6.09	-42.55	129.5	19.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1617	4/22/2024 15:03	48.9	38.5	0.0	12.6	-7.14	-7.18	-44.81	130.0	22.2	Valve Adjustment:No Change,Valve 25% open
<b>OXEW1618</b>	4/8/2024 12:44	46.5	37.8	0.1	15.6	-4.38	-4.36	-39.12	127.8	25.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
<b>OXEW1618</b>	4/22/2024 15:11	47.5	37.8	0.2	14.5	-3.91	-3.75	-45.22	128.3	26.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1619	4/9/2024 8:19	54.8	38.9	0.2	6.1	-44.05	-44.05	-44.52	108.8	6.5	Valve Adjustment:No Change,Valve 100% open
OXEW1619	4/18/2024 13:04	53.0	35.7	0.4	10.9	-31.68	-31.53	-31.75	107.6	8.1	Valve Adjustment:No Change,Valve 100% open
OXEW1619	4/19/2024 11:22	53.9	37.1	0.8	8.2	-42.39	-42.39	-43.17	110.3	8.3	Valve Adjustment:No Change,Valve 100% open
OXEW1620	4/9/2024 9:35	55.8	31.9	0.3	12.0	-14.34	-33.02	-44.94	99.8	5.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1620	4/18/2024 13:00	48.3	34.6	0.2	16.9	-28.66	-28.66	-31.75	100.9	5.4	Valve Adjustment:No Change
OXEW1621	4/9/2024 13:02	32.9	34.0	0.3	32.8	-4.82	-4.60	-46.76	116.2	32.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	4/23/2024 14:10	32.0	32.7	0.4	34.9	-4.15	-4.10	-47.01	115.5	27.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	4/9/2024 8:24	50.8	35.6	2.1	11.5	-24.79	-24.84	-42.50	117.7	23.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	4/19/2024 11:15	50.3	33.3	2.6	13.8	-20.38	-20.40	-43.68	117.0	20.8	Valve Adjustment:No Change
OXEW1701	4/12/2024 10:09	55.0	38.4	0.0	6.6	-34.12	-33.73	-35.71	117.9	21.9	Valve Adjustment:No Change,Valve 100% open
OXEW1701	4/25/2024 14:50	56.5	35.4	0.4	7.7	-37.69	-37.72	-38.57	117.9	16.4	Valve Adjustment:No Change,Valve 100% open
OXEW1702	4/11/2024 13:00	56.7	36.8	0.3	6.2	-32.33	-32.48	-34.42	124.1	30.6	Valve Adjustment:No Change,Valve 100% open
OXEW1702	4/25/2024 12:49	60.4	38.9	0.3	0.4	-34.32	-34.31	-37.41	123.7	36.4	Valve Adjustment:No Change,Valve 100% open
OXEW1703	4/11/2024 13:17	54.4	37.4	0.3	7.9	-32.09	-32.14	-32.22	72.6	1.1	Valve Adjustment:No Change,Valve 100% open
OXEW1703	4/25/2024 13:14	54.5	36.7	0.2	8.6	-34.71	-34.58	-35.22	64.0	0.6	Valve Adjustment:No Change,Valve 100% open
OXEW1705	4/11/2024 14:03	57.1	38.0	0.1	4.8	-35.77	-35.79	-36.20	103.4	3.6	Valve Adjustment:No Change,Valve 100% open
OXEW1705	4/25/2024 14:03	56.2	38.0	0.5	5.3	-37.64	-37.67	-38.37	98.2	3.8	Valve Adjustment:No Change,Valve 100% open
OXEW1716	4/5/2024 10:33	57.3	41.9	0.4	0.4	-40.70	-40.67	-41.06	80.6	4.4	Valve Adjustment:No Change,Valve 100% open
OXEW1716	4/5/2024 10:39	55.7	41.8	0.1	2.4	-40.25	-40.25	-42.25	80.0	4.3	Valve Adjustment:No Change,Valve 100% open
OXEW1716	4/18/2024 9:44	54.9	39.8	0.2	5.1	-27.34	-27.26	-29.83	87.9	5.0	Valve Adjustment:No Change,Valve 100% open
OXEW1717	4/11/2024 12:14	53.8	22.6	1.4	22.2	-29.88	-45.22	-46.31	77.0	3.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1717	4/18/2024 9:21	50.6	25.1	4.0	20.3	-29.94	-30.63	-30.74	65.9	1.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1801	4/8/2024 13:03	53.0	38.3	0.0	8.7	-10.33	-11.86	-39.19	120.2	9.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1801	4/22/2024 14:46	46.3	35.8	0.1	17.8	-20.29	-19.07	-43.69	120.3	13.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1804	4/8/2024 12:36	55.6	41.6	0.3	2.5	-38.10	-38.07	-39.80	119.8	9.7	Valve Adjustment:No Change,Valve 100% open
OXEW1804	4/22/2024 15:17	57.0	41.4	0.3	1.3	-42.63	-42.49	-45.22	118.5	8.9	Valve Adjustment:No Change,Valve 100% open
OXEW1805	4/8/2024 12:31	55.5	39.8	0.4	4.3	-38.35	-38.29	-40.16	110.3	16.5	Valve Adjustment:No Change,Valve 100% open
OXEW1805	4/22/2024 15:21	57.6	40.9	0.2	1.3	-42.86	-42.72	-45.05	104.9	13.6	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>†</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXEW1806	4/9/2024 13:21	47.6	39.0	0.0	13.4	-0.79	-0.80	-45.32	117.6	11.6	Valve Adjustment:No Change,Valve 10% open
OXEW1806	4/23/2024 13:34	45.5	37.7	0.0	16.8	-0.67	-0.64	-44.94	116.5	12.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1807	4/11/2024 13:37	51.9	40.5	0.1	7.5	-27.41	-28.86	-43.58	129.2	28.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1807	4/25/2024 13:36	49.9	36.6	0.5	13.0	-33.14	-33.05	-46.07	129.2	32.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1809	4/3/2024 10:33	58.4	40.6	0.2	0.8	-34.47	-34.47	-37.12	109.5	29.3	Valve Adjustment:No Change,Valve 100% open
OXEW1809	4/26/2024 15:12	57.1	37.2	0.2	5.5	-41.86	-41.86	-45.03	108.4	31.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1810	4/5/2024 11:04	52.2	28.9	3.2	15.7	-39.34	-39.36	-42.58	54.9	0.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1810	4/17/2024 13:15	56.5	29.8	2.1	11.6	-26.29	-27.95	-27.98	81.4	0.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1810	4/19/2024 9:36	60.5	31.4	0.9	7.2	-39.90	-39.95	-40.70	54.0	0.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1810	4/19/2024 9:43	54.6	28.1	2.2	15.1	-40.34	-40.44	-40.85	54.4	0.9	Valve Adjustment:No Change
OXEW1810	4/19/2024 13:10	57.2	30.4	1.6	10.8	-41.40	-41.41	-41.58	66.3	1.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW1810	4/30/2024 15:14	53.6	27.2	3.7	15.5	-46.31	-46.29	-46.19	69.8	1.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1811	4/10/2024 10:36	53.9	37.1	0.9	8.1	-7.38	-8.55	-41.36	68.8	11.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1811	4/26/2024 14:47	50.6	34.8	2.0	12.6	-18.95	-18.95	-45.99	68.9	15.0	Valve Adjustment:No Change,Valve 20% open
OXEW1812	4/10/2024 10:09	49.7	37.4	1.2	11.7	-21.98	-21.95	-42.19	123.3	30.3	Valve Adjustment:No Change
OXEW1812	4/23/2024 12:23	52.7	37.5	0.6	9.2	-24.34	-25.22	-44.35	123.4	30.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1813	4/11/2024 13:47	57.0	39.4	0.1	3.5	-43.07	-42.75	-43.24	102.9	2.0	Valve Adjustment:No Change,Valve 100% open
OXEW1813	4/11/2024 13:53	56.8	39.0	0.2	4.0	-43.69	-43.69	-43.81	103.7	3.1	Valve Adjustment:No Change,Valve 100% open
OXEW1813	4/25/2024 13:44	55.1	37.0	0.9	7.0	-43.84	-44.30	-44.46	101.0	6.9	Valve Adjustment:No Change,Valve 100% open
OXEW1813	4/25/2024 13:48	55.0	38.6	1.0	5.4	-45.11	-45.17	-45.86	99.2	4.7	Valve Adjustment:No Change,Valve 100% open
OXEW1815	4/12/2024 8:57	51.7	38.4	0.0	9.9	-5.12	-6.38	-43.37	121.1	10.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1815	4/24/2024 14:41	43.1	35.0	0.0	21.9	-10.63	-8.61	-46.26	121.7	18.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1816	4/11/2024 13:04	56.2	35.4	0.1	8.3	-19.62	-19.65	-36.77	122.9	83.7	Valve Adjustment:No Change,Valve 100% open
OXEW1816	4/25/2024 14:29	54.6	35.7	0.4	9.3	-20.75	-21.91	-39.16	122.4	86.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1817	4/11/2024 9:05	58.6	37.4	0.0	4.0	-35.00	-34.89	-36.43	117.2	7.5	Valve Adjustment:No Change,Valve 100% open
OXEW1817	4/25/2024 9:28	55.6	35.0	0.7	8.7	-36.50	-36.55	-37.82	112.8	5.8	Valve Adjustment:No Change,Valve 100% open
OXEW1821	4/4/2024 8:53	38.3	23.9	0.0	37.8	-0.07	-0.09	-41.98	40.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	4/26/2024 13:33	27.8	19.5	0.2	52.5	-0.40	-0.39	-46.89	57.4	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1821	4/30/2024 14:13	29.1	22.4	0.1	48.4	-0.39	-1.58	-46.13	67.1	1.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1822	4/4/2024 10:01	15.7	16.4	1.5	66.4	-0.73	-0.39	-41.17	46.3	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	4/17/2024 10:19	20.2	20.9	0.8	58.1	-0.07	-0.07	-28.35	73.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	4/30/2024 14:11	13.5	22.0	0.1	64.4	-7.78	-7.78	-45.93	66.5	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	4/4/2024 8:46	16.6	24.8	0.0	58.6	-0.06	-0.06	-42.16	42.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	4/16/2024 10:20	0.6	16.2	0.5	82.7	-0.07	-0.06	-42.42	69.0	0.2	Valve Adjustment:No Change
OXEW1823	4/17/2024 10:32	1.5	16.9	0.2	81.4	-0.10	-0.10	-28.25	78.4	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	4/30/2024 14:04	11.0	20.4	0.8	67.8	-0.07	-0.07	-46.02	72.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	4/4/2024 11:04	63.3	30.4	0.9	5.4	-40.86	-40.93	-41.53	51.1	0.7	Valve Adjustment:No Change,Valve 100% open
OXEW1824	4/15/2024 11:27	63.2	30.9	0.2	5.7	-43.95	-43.93	-44.30	60.4	0.6	Valve Adjustment:No Change,Valve 100% open
OXEW1824	4/15/2024 11:34	64.1	32.7	0.3	2.9	-43.47	-43.49	-43.87	59.4	0.7	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>†</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXEW1824	4/15/2024 11:39	63.0	32.3	0.5	4.2	-43.81	-43.71	-44.02	59.0	2.1	Valve Adjustment:No Change,Valve 100% open
OXEW1824	4/17/2024 12:40	66.5	32.9	0.2	0.4	-27.98	-27.97	-28.22	78.7	2.3	Valve Adjustment:No Change,Valve 100% open
OXEW1824	4/30/2024 15:01	67.6	29.7	0.5	2.2	-46.72	-46.75	-46.34	71.4	3.0	Valve Adjustment:No Change,Valve 100% open
OXEW1824	4/30/2024 15:09	58.9	27.6	1.9	11.6	-46.39	-46.41	-45.98	70.3	3.1	Valve Adjustment:No Change,Valve 100% open
OXEW1825	4/5/2024 10:54	36.0	29.9	0.9	33.2	-0.55	-0.54	-43.20	51.2	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1825	4/17/2024 13:25	57.0	31.2	0.0	11.8	-0.20	-2.18	-29.44	80.5	0.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1825	4/17/2024 13:26	57.2	31.5	0.1	11.2	-4.45	-6.48	-29.48	80.5	0.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1825	4/30/2024 15:18	41.1	24.9	3.8	30.2	-25.55	-32.12	-46.23	67.3	2.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1826	4/9/2024 14:03	51.7	36.3	0.2	11.8	-9.67	-9.77	-43.16	76.1	1.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1826	4/23/2024 12:31	47.2	35.3	0.1	17.4	-11.68	-11.67	-44.89	76.2	2.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	4/9/2024 9:43	54.5	37.5	0.3	7.7	-44.78	-44.79	-44.87	97.4	7.8	Valve Adjustment:No Change,Valve 100% open
OXEW1901	4/18/2024 12:47	57.7	39.6	0.3	2.4	-31.76	-31.76	-31.82	96.7	8.0	Valve Adjustment:No Change,Valve 100% open
OXEW1902	4/11/2024 13:08	54.0	38.0	0.1	7.9	-2.98	-3.54	-36.86	73.2	11.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1902	4/25/2024 12:56	44.4	35.2	0.1	20.3	-5.68	-4.99	-39.22	69.8	15.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1904	4/11/2024 13:26	52.2	36.6	0.2	11.0	-16.83	-17.07	-38.35	117.4	51.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1904	4/25/2024 13:29	50.7	36.4	0.7	12.2	-19.84	-19.86	-40.87	104.3	53.1	Valve Adjustment:No Change,Valve 60% open
OXEW1908	4/8/2024 10:30	57.2	39.4	0.0	3.4	-26.67	-26.67	-28.77	106.1	55.2	Valve Adjustment:No Change,Valve 100% open
OXEW1908	4/22/2024 10:06	58.3	39.3	0.1	2.3	-30.20	-30.16	-32.26	105.9	57.3	Valve Adjustment:No Change,Valve 100% open
OXEW1909	4/8/2024 10:21	50.9	37.6	0.2	11.3	-29.20	-29.18	-33.28	102.4	50.7	Valve Adjustment:No Change,Valve 100% open
OXEW1909	4/22/2024 9:56	58.2	39.3	0.1	2.4	-36.02	-36.11	-40.68	102.6	49.4	Valve Adjustment:No Change,Valve 100% open
OXEW1910	4/8/2024 10:16	51.1	36.8	1.0	11.1	-7.49	-7.85	-33.47	112.8	46.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1910	4/22/2024 10:13	49.3	34.8	1.5	14.4	-9.00	-9.01	-41.43	115.9	55.6	Valve Adjustment:No Change,Valve 25% open
OXEW1911	4/8/2024 12:18	48.1	35.9	3.0	13.0	-38.00	-38.09	-39.70	118.7	9.9	Valve Adjustment:No Change,Valve 100% open
OXEW1911	4/22/2024 15:25	52.2	38.4	1.8	7.6	-41.19	-41.09	-45.62	124.2	12.8	Valve Adjustment:No Change,Valve 100% open
OXEW1912	4/3/2024 10:50	58.0	40.4	0.1	1.5	-36.15	-36.18	-38.64	120.0	41.6	Valve Adjustment:No Change,Valve 100% open
OXEW1912	4/22/2024 13:59	57.9	41.4	0.1	0.6	-42.43	-42.36	-45.99	120.9	40.3	Valve Adjustment:No Change,Valve 100% open
OXEW1913	4/10/2024 9:48	55.4	37.0	0.5	7.1	-26.67	-35.99	-42.28	91.2	13.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1913	4/10/2024 9:59	56.5	36.5	0.3	6.7	-37.07	-38.77	-42.21	92.2	18.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1913	4/23/2024 12:10	60.7	34.8	0.7	3.8	-41.98	-43.42	-45.07	90.3	15.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1914	4/10/2024 11:08	56.0	38.9	0.0	5.1	-42.06	-42.05	-41.85	86.1	3.3	Valve Adjustment:No Change,Valve 100% open
OXEW1914	4/23/2024 9:38	56.9	36.9	0.0	6.2	-44.39	-44.42	-44.55	79.4	3.2	Valve Adjustment:No Change,Valve 100% open
OXEW1915	4/4/2024 13:26	47.7	36.4	0.9	15.0	-8.45	-8.33	-45.14	60.6	13.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1915	4/17/2024 14:12	37.7	32.4	0.7	29.2	-6.95	-6.96	-30.70	67.9	11.3	Valve Adjustment:No Change,Valve 5% open
OXEW1916	4/5/2024 13:30	49.2	25.2	4.9	20.7	-43.09	-42.94	-43.40	61.2	0.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1916	4/15/2024 12:52	46.0	26.5	4.9	22.6	-44.19	-44.37	-44.57	64.6	0.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1916	4/19/2024 12:02	46.5	26.3	4.7	22.5	-41.67	-41.67	-41.75	67.0	0.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1916	4/30/2024 15:50	44.7	26.1	4.8	24.4	-46.38	-46.41	-46.04	68.0	0.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1917	4/5/2024 13:41	45.7	33.4	4.1	16.8	-42.39	-42.40	-43.01	69.7	4.4	Valve Adjustment:No Change,Valve 50% open
OXEW1917	4/26/2024 11:33	55.8	32.9	1.2	10.1	-46.86	-46.89	-47.08	65.2	2.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>1</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXEW1917	4/30/2024 15:54	53.2	30.3	2.9	13.6	-46.68	-46.89	-46.36	71.0	2.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1919	4/9/2024 11:13	48.6	33.5	0.0	17.9	-2.84	-2.83	-42.58	70.5	1.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	4/16/2024 10:17	46.9	33.6	0.0	19.5	-2.25	-2.48	-42.50	69.2	0.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1919	4/17/2024 10:16	47.2	32.6	0.1	20.1	-2.68	-3.97	-28.39	71.7	1.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1919	4/19/2024 9:58	43.7	30.4	0.1	25.8	-12.28	-12.29	-40.79	60.6	4.9	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	4/23/2024 9:07	34.8	30.5	0.0	34.7	-9.98	-9.76	-44.38	61.8	3.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	4/30/2024 14:08	33.5	29.2	0.1	37.2	-8.46	-11.82	-45.99	67.5	3.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1920	4/4/2024 8:58	44.7	27.4	0.0	27.9	-0.20	-0.36	-41.71	40.3	2.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	4/17/2024 10:28	30.9	24.6	0.4	44.1	-9.15	-9.06	-28.17	64.6	5.7	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	4/30/2024 14:18	27.1	22.7	0.1	50.1	-15.90	-20.75	-46.21	61.9	10.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1921	4/4/2024 10:20	58.1	37.7	0.1	4.1	-37.92	-38.97	-41.65	95.4	18.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1921	4/16/2024 10:24	41.0	36.6	0.1	22.3	-40.26	-40.15	-42.18	98.8	17.8	Valve Adjustment:No Change,Valve 100% open
OXEW1921	4/17/2024 13:04	44.4	34.5	0.2	20.9	-26.77	-26.83	-28.18	98.3	14.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1921	4/30/2024 15:22	42.6	30.3	0.5	26.6	-44.14	-44.17	-46.20	99.9	19.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2001	4/5/2024 13:06	42.9	37.3	0.3	19.5	-3.36	-3.32	-41.23	114.3	11.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2001	4/15/2024 13:38	49.1	37.3	0.0	13.6	-0.69	-1.36	-42.39	106.6	4.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2001	4/19/2024 12:40	43.9	36.5	0.0	19.6	-1.53	-1.51	-42.01	113.4	8.2	Valve Adjustment:No Change
OXEW2001	4/29/2024 11:03	55.9	37.0	0.1	7.0	-1.20	-3.29	-43.16	109.4	17.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2001	4/29/2024 11:12	53.4	37.9	0.0	8.7	-2.89	-6.68	-47.20	120.1	20.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2002	4/4/2024 11:28	56.6	37.7	0.7	5.0	-36.86	-37.59	-44.66	109.6	32.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2002	4/17/2024 13:57	55.4	39.3	0.6	4.7	-25.62	-26.22	-30.27	114.8	33.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2002	4/30/2024 16:41	53.0	33.2	1.2	12.6	-43.97	-44.65	-48.04	115.9	118.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2003	4/5/2024 10:16	55.6	41.0	0.6	2.8	-44.80	-44.69	-44.86	92.6	6.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2003	4/17/2024 13:48	56.3	39.6	0.2	3.9	-30.70	-30.40	-30.69	92.2	7.4	Valve Adjustment:No Change,Valve 100% open
OXEW2004	4/5/2024 9:48	57.3	38.5	0.3	3.9	-43.06	-43.33	-46.82	119.8	43.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2004	4/18/2024 9:35	48.7	38.6	0.3	12.4	-29.14	-29.15	-30.97	122.0	32.3	Valve Adjustment:No Change,Valve 100% open
OXEW2005	4/5/2024 10:48	55.3	40.5	0.0	4.2	-6.99	-7.62	-43.89	119.1	16.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2005	4/15/2024 12:12	40.8	35.6	0.0	23.6	-11.56	-11.38	-44.45	120.4	19.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2005	4/16/2024 10:29	40.7	36.3	0.0	23.0	-8.96	-8.75	-42.52	121.2	18.7	Valve Adjustment:No Change
OXEW2005	4/18/2024 9:52	44.9	36.3	0.1	18.7	-6.47	-6.47	-30.10	122.0	18.3	Valve Adjustment:No Change
OXEW2005	4/30/2024 15:25	38.1	31.5	0.2	30.2	-11.50	-11.88	-46.00	120.3	12.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2007	4/4/2024 10:11	56.7	35.3	0.2	7.8	-40.52	-40.51	-41.50	88.6	15.6	Valve Adjustment:No Change,Valve 100% open
OXEW2007	4/15/2024 10:31	58.3	35.9	0.3	5.5	-43.46	-43.44	-44.22	89.0	13.4	Valve Adjustment:No Change,Valve 100% open
OXEW2007	4/17/2024 12:56	59.5	39.4	0.3	0.8	-27.52	-27.52	-28.18	91.4	12.9	Valve Adjustment:No Change,Valve 100% open
OXEW2007	4/30/2024 14:24	58.0	33.8	0.7	7.5	-45.85	-45.72	-46.06	91.7	15.7	Valve Adjustment:No Change,Valve 100% open
OXEW2008	4/5/2024 11:29	66.1	26.6	0.3	7.0	-42.27	-42.30	-42.29	56.1	3.6	Valve Adjustment:No Change,Valve 100% open
OXEW2008	4/5/2024 11:35	57.2	26.2	2.6	14.0	-42.39	-42.42	-42.23	54.5	2.6	Valve Adjustment:No Change,Valve 100% open
OXEW2008	4/15/2024 10:59	65.7	30.7	0.4	3.2	-43.77	-43.98	-44.21	60.3	2.7	Valve Adjustment:No Change,Valve 100% open
OXEW2008	4/15/2024 11:12	65.9	28.9	0.6	4.6	-43.97	-43.88	-44.22	59.7	1.7	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>1</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXEW2008	4/15/2024 11:17	65.4	28.5	0.7	5.4	-43.72	-43.66	-43.99	59.3	7.0	Valve Adjustment:No Change,Valve 100% open
OXEW2008	4/17/2024 12:47	67.2	28.9	0.4	3.5	-27.69	-27.72	-27.98	80.9	2.3	Valve Adjustment:No Change,Valve 100% open
OXEW2008	4/30/2024 14:31	63.3	33.0	0.6	3.1	-46.34	-46.35	-45.97	68.8	8.6	Valve Adjustment:No Change,Valve 100% open
OXEW2008	4/30/2024 14:41	66.4	27.4	1.0	5.2	-46.22	-46.20	-46.18	70.6	3.6	Valve Adjustment:No Change,Valve 100% open
OXEW2009	4/5/2024 14:03	53.0	33.9	0.6	12.5	-42.96	-42.98	-43.68	96.7	20.6	Valve Adjustment:No Change,Valve 100% open
OXEW2009	4/26/2024 12:21	55.1	36.7	0.6	7.6	-47.39	-47.37	-48.08	97.7	18.3	Valve Adjustment:No Change,Valve 100% open
OXEW2010	4/5/2024 13:50	53.6	35.8	1.4	9.2	-38.62	-39.93	-43.49	67.0	6.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2010	4/15/2024 14:24	50.2	35.6	0.9	13.3	-43.32	-45.03	-45.37	72.8	3.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2010	4/26/2024 12:57	56.7	38.5	1.3	3.5	-41.30	-41.46	-47.27	60.3	3.8	Valve Adjustment:No Change,Valve 20% open
OXEW2011	4/5/2024 12:36	57.4	39.3	0.1	3.2	-17.82	-18.10	-43.12	95.3	13.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2011	4/15/2024 13:15	53.5	40.8	0.1	5.6	-25.66	-25.79	-45.56	99.0	14.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2011	4/15/2024 13:22	53.2	40.0	0.1	6.7	-27.76	-36.80	-44.59	99.1	15.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2011	4/19/2024 12:17	50.9	37.5	0.3	11.3	-36.16	-38.19	-41.91	99.5	16.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2011	4/29/2024 10:33	45.8	34.6	0.2	19.4	-43.33	-43.99	-47.32	101.0	18.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW2011	4/30/2024 10:49	44.7	34.9	0.3	20.1	-44.91	-45.06	-47.65	101.1	18.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2011	4/30/2024 16:08	45.8	27.4	0.7	26.1	-44.89	-45.01	-47.38	101.2	19.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2012	4/4/2024 11:41	57.0	41.0	0.1	1.9	-41.69	-42.35	-45.19	101.1	18.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW2012	4/17/2024 14:34	55.7	40.8	0.2	3.3	-29.38	-29.40	-30.79	102.9	13.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2016	4/3/2024 11:25	56.6	43.4	0.0	0.0	-20.82	-21.17	-35.93	129.9	17.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2016	4/22/2024 14:17	56.6	39.4	0.1	3.9	-30.08	-30.57	-43.38	130.3	18.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2017	4/3/2024 11:11	55.7	43.5	0.0	0.8	-14.08	-14.15	-40.05	125.9	39.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2017	4/22/2024 14:07	53.3	37.0	0.3	9.4	-17.89	-18.26	-48.02	126.0	57.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2020	4/12/2024 9:01	51.7	39.4	0.4	8.5	-32.50	-32.44	-44.08	130.0	28.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2020	4/24/2024 14:51	49.5	36.8	0.0	13.7	-34.56	-33.77	-46.20	130.4	29.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2021	4/12/2024 8:45	56.7	35.9	0.4	7.0	-14.82	-20.24	-41.61	65.1	6.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2021	4/12/2024 8:47	57.8	37.6	0.1	4.5	-24.23	-33.17	-43.97	77.6	6.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2021	4/24/2024 14:27	44.7	32.6	0.4	22.3	-43.04	-35.53	-46.01	94.3	5.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2022	4/12/2024 9:56	53.2	38.0	0.1	8.7	-41.51	-41.46	-43.09	115.0	24.4	Valve Adjustment:No Change,Valve 100% open
OXEW2022	4/25/2024 15:02	52.7	35.8	0.8	10.7	-45.15	-45.16	-46.60	116.2	25.7	Valve Adjustment:No Change,Valve 100% open
OXEW2023	4/11/2024 14:12	56.7	38.7	0.1	4.5	-35.06	-35.07	-35.99	125.8	38.8	Valve Adjustment:No Change,Valve 100% open
OXEW2023	4/25/2024 14:19	56.7	39.2	0.9	3.2	-36.90	-36.95	-38.15	125.4	35.0	Valve Adjustment:No Change,Valve 100% open
OXEW2024	4/11/2024 9:44	56.2	39.6	0.3	3.9	-35.48	-35.69	-36.03	123.3	13.8	Valve Adjustment:No Change,Valve 100% open
OXEW2024	4/12/2024 10:31	55.0	39.5	0.2	5.3	-33.36	-34.01	-34.12	121.1	11.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2024	4/12/2024 10:34	55.7	41.3	0.2	2.8	-33.93	-33.58	-35.01	120.9	9.7	Valve Adjustment:No Change,Valve 100% open
OXEW2024	4/25/2024 9:33	55.2	36.4	0.6	7.8	-37.12	-37.06	-38.17	121.9	7.4	Valve Adjustment:No Change,Valve 100% open
OXEW2026	4/11/2024 9:40	50.2	34.1	3.1	12.6	-41.53	-41.76	-41.80	75.6	6.0	Valve Adjustment:No Change,Valve 85% open
OXEW2026	4/25/2024 10:41	45.0	30.6	4.5	19.9	-43.29	-43.25	-43.97	55.0	10.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXEW2027	4/12/2024 11:11	57.0	38.6	2.8	1.6	-35.84	-36.08	-36.36	53.3	0.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2027	4/29/2024 9:58	48.7	35.1	2.6	13.6	-42.56	-42.54	-42.71	65.8	0.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>†</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXEW2028	4/12/2024 10:22	57.4	39.5	2.9	0.2	-39.34	-39.35	-39.78	54.5	12.5	Valve Adjustment:No Change,Valve 100% open
OXEW2028	4/25/2024 10:27	57.0	39.3	3.7	0.0	-43.38	-43.39	-43.89	52.5	4.9	Valve Adjustment:No Change,Valve 100% open
OXEW2029	4/12/2024 9:50	47.2	37.9	0.0	14.9	-26.34	-25.77	-44.58	123.6	46.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2029	4/25/2024 15:11	43.0	34.0	0.2	22.8	-26.85	-23.93	-47.76	123.5	45.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2030	4/3/2024 11:33	57.1	42.9	0.0	0.0	-28.67	-28.67	-29.93	121.3	24.4	Valve Adjustment:No Change,Valve 100% open
OXEW2030	4/25/2024 13:58	56.2	38.3	0.6	4.9	-31.94	-31.94	-33.60	121.4	14.5	Valve Adjustment:No Change,Valve 100% open
OXEW2031	4/3/2024 11:30	56.8	43.2	0.0	0.0	-36.86	-36.86	-37.66	125.7	43.0	Valve Adjustment:No Change,Valve 100% open
OXEW2031	4/22/2024 14:30	56.1	38.8	0.1	5.0	-42.26	-42.25	-43.99	125.4	43.8	Valve Adjustment:No Change,Valve 100% open
OXEW2101	4/9/2024 13:18	45.8	36.6	0.0	17.6	-2.35	-2.06	-45.25	123.4	25.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2101	4/23/2024 13:42	46.2	37.2	0.0	16.6	-1.63	-1.38	-45.97	123.0	22.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2102	4/11/2024 9:59	56.8	39.3	0.1	3.8	-31.17	-31.16	-32.17	90.6	17.7	Valve Adjustment:No Change,Valve 100% open
OXEW2102	4/25/2024 9:48	55.1	36.8	0.4	7.7	-31.93	-31.93	-33.42	62.2	18.1	Valve Adjustment:No Change,Valve 100% open
OXEW2103	4/11/2024 9:51	52.4	36.4	1.2	10.0	-19.17	-19.55	-37.85	106.0	54.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW2103	4/25/2024 9:40	51.3	36.6	1.7	10.4	-21.01	-21.01	-40.01	105.7	55.5	Valve Adjustment:No Change,Valve 55% open
OXEW2104	4/11/2024 9:14	55.0	39.4	0.1	5.5	-35.38	-35.44	-41.95	116.3	52.3	Valve Adjustment:No Change,Valve 100% open
OXEW2104	4/25/2024 10:17	56.0	36.9	0.6	6.5	-36.56	-36.52	-44.42	115.2	56.4	Valve Adjustment:No Change,Valve 100% open
OXEW2105	4/8/2024 10:27	56.6	37.4	0.0	6.0	-28.31	-28.35	-28.63	96.7	5.2	Valve Adjustment:No Change,Valve 100% open
OXEW2105	4/22/2024 10:01	58.1	37.8	0.1	4.0	-31.93	-31.91	-32.10	99.9	2.9	Valve Adjustment:No Change,Valve 100% open
OXEW2106	4/3/2024 10:35	57.9	42.1	0.0	0.0	-37.20	-37.03	-37.48	108.0	9.7	Valve Adjustment:No Change,Valve 100% open
OXEW2106	4/22/2024 13:50	60.9	35.8	0.2	3.1	-43.76	-43.77	-44.48	110.3	10.5	Valve Adjustment:No Change,Valve 100% open
OXEW2107	4/5/2024 13:11	55.6	40.9	0.4	3.1	-28.18	-27.42	-28.75	97.5	15.6	Valve Adjustment:No Change,Valve 100% open
OXEW2107	4/15/2024 13:46	56.3	41.4	0.1	2.2	-25.51	-25.67	-25.86	98.3	4.8	Valve Adjustment:No Change,Valve 100% open
OXEW2107	4/15/2024 13:51	56.4	41.8	0.1	1.7	-35.15	-34.95	-35.52	101.9	17.7	Valve Adjustment:No Change,Valve 100% open
OXEW2107	4/19/2024 12:46	55.5	41.8	0.2	2.5	-29.79	-29.93	-30.14	101.3	2.1	Valve Adjustment:No Change,Valve 100% open
OXEW2107	4/29/2024 11:18	56.0	39.2	0.1	4.7	-33.63	-33.57	-33.60	99.6	10.0	Valve Adjustment:No Change,Valve 100% open
OXEW2107	4/29/2024 13:29	55.4	40.0	0.1	4.5	-37.99	-37.74	-37.99	99.0	5.5	Valve Adjustment:No Change,Valve 100% open
OXEW2107	4/30/2024 11:01	54.7	40.6	0.3	4.4	-39.48	-39.63	-39.18	97.6	15.3	Valve Adjustment:No Change,Valve 100% open
OXEW2108	4/4/2024 11:33	55.4	37.8	0.1	6.7	-38.72	-40.21	-44.98	108.0	23.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW2108	4/17/2024 14:24	51.9	37.8	0.2	10.1	-28.01	-28.02	-30.79	115.0	20.7	Valve Adjustment:No Change,Valve 50% open
OXEW2109	4/5/2024 12:43	54.3	37.4	0.1	8.2	-28.21	-30.65	-45.24	58.2	1.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	4/19/2024 12:25	27.3	27.7	0.5	44.5	-33.01	-28.89	-43.84	68.0	2.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2109	4/29/2024 10:40	38.0	31.8	0.2	30.0	-18.44	-18.43	-50.08	73.4	1.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2109	4/29/2024 10:49	44.0	34.5	0.1	21.4	-48.47	-48.49	-49.67	69.6	3.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2109	4/30/2024 16:12	24.2	25.3	0.6	49.9	-48.61	-48.66	-49.08	73.2	2.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW2110	4/11/2024 14:06	56.1	39.0	0.1	4.8	-33.24	-33.29	-34.64	92.5	25.5	Valve Adjustment:No Change,Valve 100% open
OXEW2110	4/25/2024 14:07	55.6	36.4	0.5	7.5	-35.16	-35.21	-38.05	91.4	27.0	Valve Adjustment:No Change,Valve 100% open
OXEW2111	4/8/2024 10:36	55.3	37.3	0.0	7.4	-14.33	-14.33	-35.79	107.9	117.0	Valve Adjustment:No Change,Valve 100% open
OXEW2111	4/22/2024 9:50	57.5	38.9	0.1	3.5	-17.10	-17.06	-44.77	108.3	130.9	Valve Adjustment:No Change,Valve 100% open
OXEW2112	4/8/2024 11:08	55.7	39.3	1.0	4.0	-35.58	-35.58	-36.27	105.0	35.2	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>†</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXEW2112	4/22/2024 9:42	57.6	39.9	0.1	2.4	-44.49	-44.58	-45.43	105.9	34.8	Valve Adjustment:No Change,Valve 100% open
OXEW2113	4/12/2024 11:01	55.0	37.5	0.4	7.1	-39.48	-39.42	-40.58	118.8	19.7	Valve Adjustment:No Change,Valve 100% open
OXEW2113	4/22/2024 10:22	56.9	35.9	0.2	7.0	-43.68	-43.77	-44.57	120.7	22.4	Valve Adjustment:No Change,Valve 100% open
OXEW2207	4/11/2024 10:04	54.5	37.5	0.1	7.9	-30.28	-30.27	-31.91	115.9	72.2	Valve Adjustment:No Change,Valve 100% open
OXEW2207	4/25/2024 9:57	53.2	37.0	0.5	9.3	-30.39	-30.39	-32.82	115.1	65.7	Valve Adjustment:No Change,Valve 100% open
OXEW2208	4/8/2024 10:12	53.4	38.7	0.0	7.9	-9.66	-10.14	-30.77	123.0	83.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2208	4/30/2024 8:57	59.2	39.2	0.0	1.6	2.69	2.70	2.82	70.6	5.6	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 50% open
OXEW2208	4/30/2024 8:58	58.3	40.3	0.0	1.4	2.70	2.70	2.89	71.1	5.5	Valve Adjustment:NSPS,Valve 100% open,Opened valve 1/2 turn or less
OXEW2209	4/11/2024 9:54	56.2	37.8	0.1	5.9	-35.35	-35.23	-36.15	99.2	14.6	Valve Adjustment:No Change,Valve 100% open
OXEW2209	4/25/2024 9:45	57.8	38.9	0.5	2.8	-37.08	-37.05	-38.34	97.3	16.1	Valve Adjustment:No Change,Valve 100% open
OXEW2210	4/11/2024 13:13	54.0	39.3	1.3	5.4	-35.97	-36.20	-36.62	101.7	14.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2210	4/25/2024 13:01	54.9	37.7	1.4	6.0	-38.26	-38.27	-38.66	102.0	13.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2210	4/25/2024 13:09	55.1	37.1	1.3	6.5	-37.51	-37.55	-38.52	101.8	15.6	Valve Adjustment:No Change,Valve 100% open
OXEW2211	4/11/2024 14:22	56.7	36.1	0.1	7.1	-33.49	-33.46	-34.06	123.5	49.1	Valve Adjustment:No Change,Valve 100% open
OXEW2211	4/25/2024 14:25	57.5	38.2	0.4	3.9	-35.31	-35.31	-36.64	122.8	50.8	Valve Adjustment:No Change,Valve 100% open
OXEW2212	4/11/2024 9:09	54.3	37.8	0.0	7.9	-10.44	-12.86	-42.25	113.1	66.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2212	4/25/2024 10:12	48.1	35.7	0.2	16.0	-14.66	-13.94	-44.48	112.2	83.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2213	4/11/2024 9:20	57.7	39.0	0.1	3.2	-36.95	-36.96	-40.73	112.1	75.0	Valve Adjustment:No Change,Valve 100% open
OXEW2213	4/25/2024 10:23	57.8	38.9	0.5	2.8	-39.09	-39.09	-43.05	111.2	75.4	Valve Adjustment:No Change,Valve 100% open
OXEW2214	4/10/2024 8:16	57.6	36.5	0.4	5.5	-43.48	-43.49	-44.16	67.3	6.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2214	4/25/2024 9:16	58.9	39.8	0.2	1.1	-46.79	-46.96	-47.62	87.0	4.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEWHC6A**	4/4/2024 13:18	48.5	36.6	0.5	14.4	-6.99	-6.99	-44.53	55.0	0.5	Valve Adjustment:No Change,Valve at minimum position
OXEWHC6A**	4/26/2024 13:47	7.3	14.4	0.6	77.7	-34.85	-0.48	-49.17	61.5	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXHC1922	4/8/2024 10:05	52.7	36.4	0.2	10.7	-7.12	-7.21	-32.11	78.4	44.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC1922	4/30/2024 8:51	59.0	35.9	0.1	5.0	2.78	2.77	2.70	61.0	0.4	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 50% open
OXHC1922	4/30/2024 8:53	60.8	37.2	0.1	1.9	2.75	2.71	2.70	61.5	2.3	Valve Adjustment:NSPS,Valve 100% open
OXHC2000	4/10/2024 8:45	58.3	39.4	0.0	2.3	-38.57	-38.61	-41.61	68.1	8.0	Valve Adjustment:No Change,Valve 100% open
OXHC2000	4/25/2024 11:51	56.6	34.8	0.9	7.7	-42.00	-41.97	-45.08	65.4	14.9	Valve Adjustment:No Change,Valve 100% open
OXHC2001	4/10/2024 8:43	57.3	39.9	0.1	2.7	-37.13	-37.07	-42.97	67.9	51.7	Valve Adjustment:No Change,Valve 100% open
OXHC2001	4/25/2024 11:47	56.0	36.0	0.7	7.3	-40.06	-40.14	-46.43	70.9	52.4	Valve Adjustment:No Change,Valve 100% open
OXHC2014	4/8/2024 10:42	56.4	39.1	0.0	4.5	-13.91	-14.15	-36.32	96.4	89.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
OXHC2014	4/22/2024 9:24	55.0	36.5	0.1	8.4	-18.79	-20.03	-44.25	96.5	104.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2015	4/4/2024 12:21	58.0	38.1	0.2	3.7	-13.00	-15.14	-57.64	68.4	92.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXHC2015	4/17/2024 14:52	53.0	34.4	0.1	12.5	-12.03	-12.03	-38.85	99.1	85.2	Valve Adjustment:No Change,Valve 50% open
OXHC2101	4/10/2024 9:08	45.1	34.7	1.6	18.6	-15.36	-14.47	-38.87	84.1	7.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXHC2101	4/25/2024 11:16	33.7	29.1	3.6	33.6	-0.51	-0.38	-41.68	104.7	6.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXLCR13B	4/4/2024 12:48	55.4	38.5	0.0	6.1	-4.38	-4.41	-45.26	74.6	59.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXLCR13B	4/17/2024 14:59	47.7	37.1	0.0	15.2	-2.68	-2.68	-30.92	105.6	46.5	Valve Adjustment:No Change,Valve 40% open
<b>OXLCR4A1</b>	4/4/2024 12:51	56.5	39.2	0.1	4.2	-34.40	-36.13	-46.39	61.3	72.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>1</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXLCR4A1	4/17/2024 15:02	48.9	37.8	0.1	13.2	-29.60	-29.15	-31.22	83.0	29.3	Valve Adjustment:No Change,Valve 40% open
OXLCR4B1	4/4/2024 12:54	52.6	36.2	1.1	10.1	-3.37	-4.03	-45.95	64.3	8.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCR4B1	4/17/2024 15:04	47.8	34.8	1.6	15.8	-2.86	-3.25	-31.16	87.5	6.7	Valve Adjustment:No Change,Valve at minimum position
OXLCR4B1	4/17/2024 15:17	49.6	35.7	1.2	13.5	-3.25	-3.37	-31.54	86.1	7.4	Valve Adjustment:No Change,Valve at minimum position
OXLCRS07	4/10/2024 8:27	54.1	30.8	0.8	14.3	-0.02	-0.03	-44.45	61.4	3.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS07	4/25/2024 9:06	53.2	33.3	1.8	11.7	-0.10	-0.15	-47.42	61.4	3.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS10	4/10/2024 9:03	56.5	38.1	0.0	5.4	-38.02	-37.95	-38.81	92.0	46.4	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	4/25/2024 11:23	58.3	36.2	0.6	4.9	-40.51	-40.22	-41.14	91.0	44.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS11	4/10/2024 9:01	51.7	36.7	0.7	10.9	-4.56	-4.66	-50.30	88.3	113.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXLCRS11	4/25/2024 11:30	38.4	30.9	3.7	27.0	-5.37	-4.09	-50.98	86.8	115.5	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 50% open
OXLCRS12	4/10/2024 9:13	59.0	39.0	0.0	2.0	-7.23	-7.31	-39.03	77.1	149.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	4/25/2024 11:08	59.3	39.6	0.1	1.0	-8.43	-8.50	-40.23	77.6	148.7	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	4/9/2024 8:59	49.5	18.4	6.6	25.5	-45.39	-45.38	-45.57	63.7	1.1	Valve Adjustment:NSPS,Valve at minimum position
OXLCRS3A	4/9/2024 9:14	57.1	20.4	2.9	19.6	-13.75	-25.20	-44.89	62.8	5.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXLCRS3A	4/24/2024 13:37	57.8	38.9	0.0	3.3	-20.78	-31.13	-45.93	78.0	7.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXLCRS3B	4/9/2024 9:16	64.0	22.2	0.5	13.3	-42.01	-44.19	-45.21	68.5	0.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXLCRS3B	4/24/2024 13:34	57.1	38.3	0.1	4.5	-8.93	-26.98	-46.08	81.8	9.1	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 20% open
OXLCRS7B	4/10/2024 8:24	53.4	35.6	4.7	6.3	-0.02	-0.02	-44.35	51.3	0.1	Valve Adjustment:No Change,Valve at minimum position
OXLCRS7B	4/25/2024 9:03	56.6	34.7	0.9	7.8	-0.02	-0.09	-47.81	53.0	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS7B	4/25/2024 9:09	46.8	33.0	3.3	16.9	-0.15	-0.15	-47.45	60.6	3.5	Valve Adjustment:No Change,Valve at minimum position
OXLCRS8A	4/4/2024 12:37	59.1	39.4	0.0	1.5	-0.05	-1.02	-49.35	75.0	45.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXLCRS8A	4/4/2024 13:05	57.1	38.4	0.1	4.4	-2.29	-2.29	-50.96	81.4	56.5	Valve Adjustment:No Change,Valve 40% open
OXLCRS8A	4/17/2024 14:56	58.0	40.0	0.0	2.0	-1.16	-1.29	-36.02	99.8	46.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXLCRS8A	4/17/2024 15:14	57.9	39.6	0.1	2.4	-2.79	-2.77	-34.79	98.2	47.8	Valve Adjustment:No Change
OXLCRS9A	4/8/2024 10:46	56.8	39.2	0.0	4.0	-11.06	-13.99	-36.23	87.9	21.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCRS9A	4/22/2024 9:28	56.1	38.4	0.3	5.2	-42.95	-43.80	-46.22	86.6	5.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXLCRS9B	4/8/2024 10:53	57.9	39.0	0.0	3.1	-0.06	-0.08	-36.61	74.7	7.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXLCRS9B	4/8/2024 11:12	57.2	38.9	0.0	3.9	-1.30	-1.90	-36.62	74.6	8.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXLCRS9B	4/22/2024 9:32	56.8	37.6	0.1	5.5	-3.16	-6.49	-45.92	75.5	10.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXME302D	4/12/2024 8:50	57.4	38.0	0.0	4.6	-41.26	-41.19	-43.23	116.8	29.9	Valve Adjustment:No Change,Valve 100% open
OXME302D	4/24/2024 14:31	54.5	34.8	0.1	10.6	-44.02	-44.04	-45.70	116.9	29.4	Valve Adjustment:No Change,Valve 100% open
OXME306D	4/9/2024 9:58	56.4	34.7	0.1	8.8	-2.90	-2.88	-45.15	121.0	15.9	Valve Adjustment:No Change,Valve 25% open
OXME306D	4/9/2024 10:03	58.9	36.7	0.0	4.4	-2.98	-4.62	-44.83	121.3	14.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXME306D	4/29/2024 9:26	45.5	31.9	0.6	22.0	-6.93	-6.09	-47.09	122.1	24.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXME312D	4/12/2024 9:37	28.2	31.5	0.2	40.1	-4.83	-4.76	-42.67	109.5	58.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	4/25/2024 15:22	34.7	31.0	0.6	33.7	-5.47	-5.13	-46.18	110.1	6.6	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	4/10/2024 10:22	57.1	39.1	0.0	3.8	-37.04	-37.04	-38.81	126.7	32.3	Valve Adjustment:No Change,Valve 100% open
OXME316D	4/23/2024 9:58	57.7	39.9	0.0	2.4	-39.40	-39.39	-41.06	126.8	31.3	Valve Adjustment:No Change,Valve 100% open
OXME316D	4/26/2024 14:40	57.4	38.2	0.2	4.2	-41.21	-41.18	-43.10	126.7	31.6	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>1</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXME317D	4/10/2024 10:30	55.0	37.7	1.2	6.1	-39.63	-39.62	-39.69	71.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	4/26/2024 14:44	55.6	36.8	1.0	6.6	-44.63	-44.79	-45.04	66.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	4/10/2024 13:36	56.3	40.6	1.7	1.4	-20.04	-20.08	-44.34	72.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	4/26/2024 10:37	54.3	38.3	2.8	4.6	-18.96	-19.03	-46.56	68.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	4/12/2024 14:38	52.8	35.4	1.4	10.4	-44.04	-44.04	-44.48	65.0	0.0	Valve Adjustment:No Change
OXMEW122	4/29/2024 9:02	42.2	31.8	3.8	22.2	-47.44	-40.65	-47.89	57.6	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW126	4/10/2024 13:12	54.5	41.1	0.1	4.3	-41.84	-41.84	-41.90	75.6	0.9	Valve Adjustment:No Change,Valve 100% open
OXMEW126	4/24/2024 13:22	53.7	41.0	0.2	5.1	-44.62	-44.63	-44.57	66.3	0.6	Valve Adjustment:No Change,Valve 100% open
OXMEW138	4/9/2024 9:10	47.2	36.2	0.1	16.5	-6.07	-6.06	-45.18	68.2	1.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW138	4/24/2024 13:43	49.0	35.4	0.0	15.6	-6.00	-6.00	-45.93	70.2	1.6	Valve Adjustment:No Change
OXMEW145	4/10/2024 13:30	52.6	37.6	0.3	9.5	-41.71	-41.70	-44.51	93.7	11.3	Valve Adjustment:No Change,Valve 100% open
OXMEW145	4/26/2024 10:31	54.5	35.1	1.2	9.2	-43.32	-43.22	-46.18	91.8	11.3	Valve Adjustment:No Change,Valve 100% open
OXMEW156	4/4/2024 13:16	48.7	35.3	0.2	15.8	-0.79	-0.79	-44.47	60.1	0.8	Valve Adjustment:No Change,Valve at minimum position
OXMEW156	4/26/2024 14:04	18.5	14.5	13.0	54.0	-14.61	-1.35	-48.87	60.6	10.5	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW156	4/26/2024 14:05	18.6	14.7	13.0	53.7	-0.20	-0.20	-48.78	61.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OXMEW158	4/10/2024 13:01	57.3	36.6	0.5	5.6	-40.34	-40.33	-42.06	68.6	2.3	Valve Adjustment:No Change,Valve 100% open
OXMEW158	4/24/2024 13:06	54.3	39.5	0.1	6.1	-43.21	-43.26	-44.31	66.7	2.1	Valve Adjustment:No Change,Valve 100% open
OXMEW159	4/10/2024 13:03	54.8	37.3	0.2	7.7	-38.37	-38.40	-41.95	69.0	5.8	Valve Adjustment:No Change,Valve 100% open
OXMEW159	4/24/2024 13:13	48.6	39.8	0.1	11.5	-40.67	-40.60	-44.18	67.5	5.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXMEW162	4/9/2024 10:54	52.1	29.0	2.2	16.7	-44.93	-44.93	-44.68	69.2	0.0	Valve Adjustment:No Change
OXMEW162	4/18/2024 11:11	54.4	30.7	1.2	13.7	-32.12	-31.95	-32.38	77.1	0.0	Valve Adjustment:No Change
OXMEW170	4/5/2024 11:12	51.3	20.2	4.9	23.6	-36.58	-36.53	-42.55	53.1	2.4	Valve Adjustment:No Change,Valve at minimum position
OXMEW170	4/15/2024 11:54	55.8	20.4	3.9	19.9	-44.27	-44.35	-44.61	57.5	0.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXMEW170	4/16/2024 10:38	58.1	19.8	3.5	18.6	-41.85	-41.97	-42.31	73.8	0.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXMEW173	4/5/2024 9:44	55.9	35.8	0.6	7.7	-3.21	-4.91	-46.70	70.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW173	4/15/2024 12:27	48.5	37.0	0.2	14.3	-7.62	-7.86	-46.57	97.9	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW173	4/18/2024 10:17	51.0	36.5	0.2	12.3	-4.78	-4.89	-30.77	98.6	24.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW174	4/4/2024 13:14	56.5	38.0	0.9	4.6	-42.03	-42.50	-44.38	59.6	1.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW174	4/17/2024 14:02	43.4	33.2	0.7	22.7	-29.04	-29.04	-30.35	82.1	1.6	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	4/4/2024 13:23	57.5	37.1	0.3	5.1	-42.38	-43.93	-44.70	62.9	3.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXMEW175	4/17/2024 14:09	44.2	34.7	0.4	20.7	-29.66	-29.69	-30.25	73.6	4.6	Valve Adjustment:No Change,Valve 40% open
OXMEW175	4/26/2024 13:55	33.6	31.4	0.3	34.7	-46.91	-41.87	-48.64	68.9	7.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW181	4/10/2024 10:05	47.0	37.8	0.2	15.0	-38.80	-38.70	-41.46	112.2	69.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW181	4/23/2024 12:17	56.8	38.8	0.6	3.8	-44.11	-44.24	-44.67	109.1	21.5	Valve Adjustment:No Change
OXMEW182	4/10/2024 10:46	52.6	39.5	0.0	7.9	-36.96	-37.18	-40.68	118.7	46.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW182	4/26/2024 14:54	51.2	38.2	0.1	10.5	-41.38	-41.37	-45.53	117.9	45.6	Valve Adjustment:No Change,Valve 100% open
OXMEW183	4/9/2024 13:51	51.8	39.0	0.1	9.1	-5.36	-5.29	-41.57	114.7	29.9	Valve Adjustment:No Change
OXMEW183	4/23/2024 12:58	51.1	39.0	0.1	9.8	-5.77	-5.72	-43.32	112.9	31.2	Valve Adjustment:No Change
OXMEW184	4/9/2024 12:43	46.8	36.0	0.1	17.1	-1.61	-1.60	-43.39	120.7	38.2	Valve Adjustment:Closed valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>a</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXMEW184	4/23/2024 14:26	57.8	41.5	0.1	0.6	-0.37	-1.77	-45.06	101.5	10.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW184	4/23/2024 14:28	57.4	41.7	0.1	0.8	-1.88	-3.31	-44.73	110.8	32.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW184	4/23/2024 14:37	41.5	35.9	0.0	22.6	-1.76	-1.72	-43.30	119.5	40.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	4/9/2024 12:51	43.6	35.7	0.4	20.3	-1.15	-1.09	-43.95	108.8	19.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	4/23/2024 14:31	57.8	41.1	0.1	1.0	-3.64	-4.52	-44.38	116.5	50.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW186	4/8/2024 13:32	53.4	39.2	0.0	7.4	-1.88	-1.92	-43.08	115.5	13.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW186	4/22/2024 15:00	49.5	40.2	0.0	10.3	-3.28	-3.25	-45.74	117.1	11.1	Valve Adjustment:No Change,Valve 10% open
OXMEW187	4/9/2024 13:38	30.5	32.7	0.5	36.3	-3.91	-1.22	-44.72	114.8	38.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW187	4/23/2024 13:17	26.9	29.2	1.0	42.9	-3.73	-2.63	-44.55	114.2	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	4/9/2024 13:08	50.3	40.2	0.1	9.4	-4.02	-4.02	-43.93	114.1	24.0	Valve Adjustment:No Change
OXMEW188	4/23/2024 14:03	43.0	34.1	0.7	22.2	-3.77	-3.34	-44.56	113.0	18.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	4/9/2024 13:12	47.6	36.4	3.1	12.9	-2.69	-2.70	-43.30	118.6	21.5	Valve Adjustment:No Change
OXMEW189	4/23/2024 13:46	45.2	35.3	3.1	16.4	-2.33	-2.33	-44.46	117.3	19.0	Valve Adjustment:No Change
OXMEW190	4/12/2024 9:41	50.1	39.7	0.2	10.0	-18.67	-18.69	-41.83	123.3	19.8	Valve Adjustment:No Change,Valve 50% open
OXMEW190	4/25/2024 15:15	48.5	37.2	0.5	13.8	-19.94	-19.93	-45.43	123.6	20.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXMEW191	4/5/2024 10:07	54.7	39.7	0.0	5.6	-0.09	-1.36	-46.39	97.5	51.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXMEW191	4/5/2024 10:09	56.6	38.7	0.0	4.7	-1.85	-4.50	-45.53	123.8	53.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW191	4/18/2024 9:31	30.4	31.5	0.2	37.9	-24.04	-24.04	-27.13	117.5	29.6	Valve Adjustment:No Change
OXMEW192	4/4/2024 11:54	55.5	39.0	0.0	5.5	-19.03	-23.04	-45.13	79.1	8.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEW192	4/17/2024 14:37	50.3	37.0	0.3	12.4	-21.55	-21.55	-30.79	84.3	9.6	Valve Adjustment:No Change,Valve 25% open
OXMEW194	4/9/2024 13:59	52.8	40.3	0.9	6.0	-42.71	-42.67	-42.83	81.4	6.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW194	4/23/2024 12:39	53.8	38.3	1.2	6.7	-44.06	-44.21	-44.54	78.5	12.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	4/10/2024 10:50	51.0	37.1	0.6	11.3	-11.05	-10.87	-41.10	97.0	93.0	Valve Adjustment:No Change
OXMEW196	4/26/2024 14:58	51.1	35.9	0.7	12.3	-11.78	-11.45	-45.40	98.0	97.4	Valve Adjustment:No Change
OXMEW199	4/8/2024 13:26	50.9	38.2	0.2	10.7	-6.64	-7.51	-25.73	124.9	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW199	4/22/2024 14:57	48.6	36.7	0.3	14.4	-11.04	-10.93	-30.59	124.7	52.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	4/9/2024 13:44	41.8	34.9	0.0	23.3	-1.98	-1.77	-44.79	115.5	14.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	4/23/2024 13:05	44.1	35.3	0.0	20.6	-1.45	-1.17	-45.42	112.4	10.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	4/9/2024 12:56	47.2	36.8	0.0	16.0	-0.83	-0.83	-44.44	96.7	9.7	Valve Adjustment:No Change
OXMEW201	4/23/2024 14:19	48.1	36.4	0.0	15.5	-0.72	-0.65	-45.40	94.4	21.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW203	4/12/2024 14:00	25.1	23.0	17.1	34.8	-43.42	-43.29	-44.07	56.6	0.3	Valve Adjustment:NSPS,No Change,Valve at minimum position
OXMEW203	4/12/2024 14:08	0.1	1.0	21.3	77.6	-32.34	-4.13	-43.99	56.6	2.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW203	4/19/2024 11:02	50.3	29.9	3.8	16.0	-40.70	-40.84	-43.40	65.1	0.8	Valve Adjustment:No Change,Valve at minimum position
OXMEW204	4/9/2024 8:29	47.8	31.8	0.0	20.4	-3.37	-3.36	-44.90	76.0	1.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW204	4/19/2024 11:11	48.6	28.3	0.2	22.9	-3.24	-3.24	-43.51	71.7	1.2	Valve Adjustment:No Change,Valve 5% open
OXMEW205	4/9/2024 13:33	44.7	39.3	0.0	16.0	-0.82	-0.79	-43.70	130.3	12.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW205	4/23/2024 13:25	49.4	42.0	0.0	8.6	-0.41	-0.40	-45.26	125.3	10.6	Valve Adjustment:No Change,Valve 15% open
OXMEW209	4/12/2024 9:12	54.6	38.7	0.0	6.7	-34.80	-34.73	-43.01	133.6	61.6	Valve Adjustment:No Change,Valve 100% open
OXMEW209	4/25/2024 14:57	52.7	36.4	0.5	10.4	-37.63	-37.61	-46.66	133.4	63.5	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>1</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXMEW210	4/9/2024 9:51	55.0	35.2	0.3	9.5	-42.88	-42.92	-44.29	121.8	4.1	Valve Adjustment:No Change,Valve 100% open
OXMEW210	4/29/2024 9:19	54.2	33.4	0.3	12.1	-44.77	-44.77	-46.70	121.3	3.9	Valve Adjustment:No Change,Valve 100% open
OXMEW300	4/12/2024 8:38	53.4	33.1	1.8	11.7	-42.36	-42.31	-43.05	99.8	21.9	Valve Adjustment:No Change,Valve 100% open
OXMEW300	4/24/2024 14:20	52.3	30.9	1.9	14.9	-45.51	-45.55	-45.72	100.6	8.8	Valve Adjustment:No Change,Valve 100% open
OXMEW302	4/12/2024 8:52	48.6	35.5	0.3	15.6	-1.60	-1.60	-43.13	63.2	7.3	Valve Adjustment:No Change
OXMEW302	4/24/2024 14:36	33.5	30.0	0.4	36.1	-3.56	-3.10	-45.53	69.8	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	4/9/2024 10:05	52.3	37.1	0.2	10.4	-4.76	-4.77	-44.66	112.7	10.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW306	4/29/2024 9:29	35.5	29.9	0.7	33.9	-5.76	-5.06	-46.54	107.2	6.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	4/10/2024 13:24	54.8	36.8	0.9	7.5	-42.58	-42.67	-44.18	84.1	3.2	Valve Adjustment:No Change,Valve 100% open
OXMEW307	4/26/2024 10:26	53.3	33.8	2.4	10.5	-41.95	-41.99	-46.96	87.4	3.5	Valve Adjustment:No Change,Valve 100% open
OXMEW309	4/12/2024 9:07	48.1	35.6	0.0	16.3	-6.66	-6.67	-43.21	54.3	2.4	Valve Adjustment:No Change
OXMEW309	4/24/2024 14:59	46.5	33.4	0.2	19.9	-7.59	-7.56	-46.04	61.0	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	4/8/2024 13:08	50.4	36.7	0.6	12.3	-11.47	-11.48	-41.45	112.9	36.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW310	4/22/2024 14:52	43.3	34.4	0.6	21.7	-13.39	-10.75	-42.75	112.2	8.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	4/9/2024 9:39	56.0	34.6	0.7	8.7	-43.85	-44.00	-44.52	117.2	29.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	4/18/2024 12:56	55.1	37.8	0.7	6.4	-31.03	-31.03	-31.45	117.3	21.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	4/12/2024 9:31	47.3	37.7	0.0	15.0	-6.31	-6.27	-42.52	75.7	8.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	4/25/2024 15:27	46.1	34.6	0.0	19.3	-6.59	-5.53	-46.63	73.0	9.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	4/12/2024 10:07	52.2	38.1	0.0	9.7	-40.30	-40.46	-42.07	118.4	19.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW315	4/25/2024 14:47	48.4	34.6	0.6	16.4	-44.12	-43.08	-45.59	118.8	20.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXMEW316	4/10/2024 10:19	57.6	39.0	0.0	3.4	-38.09	-38.21	-40.42	110.3	7.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	4/23/2024 9:56	58.0	38.6	0.0	3.4	-40.34	-40.34	-42.80	108.3	9.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	4/26/2024 14:38	54.7	36.2	0.3	8.8	-41.96	-42.04	-44.79	102.8	8.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	4/10/2024 10:28	55.5	37.1	0.8	6.6	-39.56	-39.81	-39.55	95.8	9.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	4/23/2024 10:03	55.8	38.8	0.8	4.6	-42.11	-42.11	-42.29	96.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	4/26/2024 14:42	56.3	38.6	0.9	4.2	-43.96	-44.28	-44.39	92.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	4/10/2024 10:41	52.2	38.9	0.0	8.9	-4.74	-4.75	-40.76	108.1	14.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW318	4/26/2024 14:51	50.1	36.6	0.0	13.3	-4.97	-4.97	-45.22	107.3	14.5	Valve Adjustment:No Change,Valve 15% open
OXMEW319	4/8/2024 12:52	49.3	39.4	0.5	10.8	-12.52	-12.49	-39.73	104.5	10.9	Valve Adjustment:No Change
OXMEW319	4/22/2024 14:40	48.7	37.3	0.5	13.5	-13.83	-13.78	-44.56	103.4	39.7	Valve Adjustment:No Change
OXMEW320	4/11/2024 13:41	56.1	40.3	0.3	3.3	-43.44	-43.48	-43.76	119.7	7.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	4/25/2024 13:39	53.3	37.4	0.9	8.4	-45.26	-45.30	-45.32	117.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW322	4/10/2024 11:02	54.8	37.5	0.1	7.6	-41.05	-41.06	-41.71	115.6	20.6	Valve Adjustment:No Change,Valve 100% open
OXMEW322	4/22/2024 15:36	56.3	39.0	0.1	4.6	-41.59	-41.73	-43.65	106.7	6.8	Valve Adjustment:No Change,Valve 100% open
OXMEW322	4/23/2024 9:47	56.0	41.0	0.0	3.0	-43.46	-43.42	-44.27	114.6	21.1	Valve Adjustment:No Change,Valve 100% open
OXMEW323	4/8/2024 12:00	57.1	38.1	0.2	4.6	-38.79	-38.72	-40.28	111.1	7.8	Valve Adjustment:No Change,Valve 100% open
OXMEW323	4/26/2024 15:17	58.4	38.9	0.1	2.6	-43.14	-43.28	-46.16	106.7	6.5	Valve Adjustment:No Change,Valve 100% open
OXMEW328	4/3/2024 11:05	56.8	42.4	0.5	0.3	-25.94	-25.00	-25.94	56.4	10.1	Valve Adjustment:No Change,Valve 100% open
OXMEW328	4/22/2024 14:03	53.3	34.8	0.3	11.6	-35.28	-35.00	-35.81	59.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow <sup>a</sup>	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
OXMEWHC1	4/10/2024 13:16	52.6	41.0	0.4	6.0	-41.07	-41.36	-41.35	71.8		Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	4/26/2024 10:17	53.8	36.7	0.9	8.6	-42.28	-42.33	-42.81	55.1		Valve Adjustment:No Change,Valve 100% open
OXMEWW05	4/5/2024 14:10	54.8	36.5	0.2	8.5	-43.34	-43.39	-43.50	61.8	16.3	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	4/15/2024 14:36	57.3	41.2	0.1	1.4	-45.57	-45.62	-46.34	64.6	5.9	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	4/15/2024 14:40	56.8	41.9	0.0	1.3	-45.29	-45.36	-46.09	64.9	22.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	4/26/2024 12:30	54.2	37.9	0.6	7.3	-45.34	-45.60	-46.94	64.6	25.2	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	4/5/2024 14:14	55.8	40.5	1.0	2.7	-43.60	-43.52	-44.43	52.7	3.4	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	4/5/2024 14:20	55.5	40.0	0.2	4.3	-44.58	-44.67	-45.21	57.6	1.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	4/15/2024 14:46	57.8	36.7	0.5	5.0	-43.75	-43.70	-46.14	63.4	1.8	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	4/15/2024 14:49	56.2	42.0	0.1	1.7	-45.72	-45.79	-45.96	65.1	9.3	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	4/26/2024 12:34	54.5	39.1	0.6	5.8	-47.38	-47.48	-47.97	64.0	8.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	4/4/2024 11:36	55.8	40.9	1.5	1.8	-1.56	-1.40	-44.33	48.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEWW08	4/17/2024 14:27	52.7	37.7	1.2	8.4	-4.89	-4.87	-30.04	81.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEWW18	4/12/2024 11:21	54.8	35.1	0.4	9.7	-40.29	-40.37	-40.99	59.1	1.3	Valve Adjustment:No Change,Valve 100% open
OXMEWW18	4/22/2024 10:35	55.2	35.5	0.6	8.7	-45.11	-45.13	-45.55	69.1	1.1	Valve Adjustment:No Change,Valve 100% open
OXMEWW1G	4/5/2024 13:55	55.9	37.6	2.5	4.0	-38.72	-38.78	-42.63	70.9	4.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXMEWW1G	4/15/2024 14:30	56.1	36.3	0.2	7.4	-42.98	-43.09	-45.85	74.2	4.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEWW1G	4/26/2024 12:15	59.8	34.9	0.7	4.6	-44.85	-44.80	-48.07	74.0	5.4	Valve Adjustment:No Change,Valve 100% open
OXMEWW1S	4/12/2024 13:27	52.9	36.0	0.7	10.4	-21.33	-21.42	-39.46	63.1	18.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	4/29/2024 10:15	57.3	36.2	0.6	5.9	-23.86	-23.88	-44.39	64.4	17.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	4/3/2024 10:13	59.9	40.1	0.0	0.0	-45.83	-44.54	-46.31	85.5	9.8	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	4/23/2024 15:05	54.5	35.5	0.2	9.8	-47.35	-47.08	-47.89	83.0	4.9	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	4/3/2024 10:16	58.0	41.9	0.1	0.0	-47.10	-47.10	-46.59	52.9	8.1	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	4/23/2024 15:02	54.7	39.3	2.3	3.7	-47.27	-47.29	-47.61	63.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW30	4/5/2024 12:30	60.0	38.9	0.2	0.9	-44.90	-44.91	-45.43	53.0	1.0	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	4/15/2024 12:56	58.8	37.9	0.1	3.2	-46.83	-46.82	-47.18	61.8	1.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	4/15/2024 13:02	55.4	39.5	0.8	4.3	-47.31	-47.37	-47.78	61.5	1.4	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	4/19/2024 12:06	57.1	37.5	0.5	4.9	-43.40	-43.44	-43.63	66.5	4.1	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	4/5/2024 13:19	57.4	39.8	0.3	2.5	-45.41	-45.54	-46.01	57.0	3.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	4/5/2024 13:22	55.8	39.4	0.6	4.2	-45.24	-45.27	-45.87	56.2	2.1	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	4/15/2024 13:59	57.1	39.6	0.2	3.1	-46.24	-46.21	-46.70	65.1	2.4	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	4/15/2024 14:03	55.7	39.6	0.4	4.3	-46.10	-45.97	-46.52	64.4	1.6	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	4/19/2024 12:54	55.6	38.7	0.4	5.3	-43.86	-43.82	-44.08	62.8	6.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	4/4/2024 13:29	56.3	37.4	0.9	5.4	-44.13	-44.15	-44.56	59.5	0.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn to 1 turn
OXMPEW32	4/26/2024 13:59	56.7	35.5	0.9	6.9	-48.30	-48.53	-48.81	65.4	0.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXMPEW33	4/4/2024 11:48	52.8	38.1	0.0	9.1	-23.70	-24.80	-45.10	73.8	14.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMPEW33	4/26/2024 14:18	37.3	33.0	0.1	29.6	-21.33	-14.26	-49.96	77.6	19.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
<b>OXMPEW35</b>	4/5/2024 12:47	53.2	37.2	0.9	8.7	-38.02	-39.07	-43.45	115.8	23.4	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXMPEW35</b>	4/15/2024 13:33	50.2	37.9	1.0	10.9	-40.40	-41.06	-43.50	118.1	23.3	Valve Adjustment:Opened valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - April 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk.	in. wk.	in. wk.	Deg. F.	scfm	
<b>OXMPEW35</b>	4/19/2024 12:33	51.7	38.6	0.9	8.8	-38.70	-38.81	-40.42	118.5	22.8	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXMPEW35</b>	4/29/2024 10:53	49.9	37.5	1.2	11.4	-44.84	-45.64	-46.12	117.9	23.0	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXMPEW35</b>	4/30/2024 16:15	47.3	34.2	1.2	17.3	-44.55	-44.94	-44.97	118.6	26.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW44	4/12/2024 13:24	55.7	37.4	1.0	5.9	-42.68	-42.74	-42.88	57.5	2.4	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	4/26/2024 12:49	57.1	37.4	0.7	4.8	-47.65	-47.69	-48.18	62.7	3.9	Valve Adjustment:No Change,Valve 100% open
OXSS2032	4/10/2024 9:20	56.3	42.4	0.0	1.3	-4.95	-6.35	-39.22	72.7	44.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXSS2032	4/25/2024 11:01	55.6	41.1	0.2	3.1	-8.67	-10.12	-41.40	72.7	48.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXSS2033	4/10/2024 8:40	58.8	39.1	0.0	2.1	-34.67	-34.77	-39.08	51.2	38.6	Valve Adjustment:No Change,Valve 100% open
OXSS2033	4/10/2024 8:51	57.2	37.4	0.1	5.3	-35.62	-35.56	-40.34	56.5	40.0	Valve Adjustment:No Change,Valve 100% open
OXSS2033	4/25/2024 11:42	54.0	35.9	0.9	9.2	-38.68	-38.56	-44.10	63.2	41.2	Valve Adjustment:No Change,Valve 100% open
OXSS2034	4/10/2024 8:37	58.0	34.9	0.2	6.9	-35.35	-35.41	-34.87	50.8	9.0	Valve Adjustment:No Change,Valve 100% open
OXSS2034	4/25/2024 11:36	54.5	34.7	1.2	9.6	-40.05	-39.99	-40.70	63.1	7.3	Valve Adjustment:No Change,Valve 100% open
OXSS2215	4/11/2024 14:18	47.5	33.5	3.1	15.9	-0.22	-0.22	-35.91	70.8	8.5	Valve Adjustment:No Change,Valve 5% open
OXSS2215	4/25/2024 14:13	40.0	29.8	4.5	25.7	-0.22	-0.13	-38.56	71.5	8.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXSS2216	4/8/2024 11:04	57.8	39.9	0.0	2.3	-0.11	-0.15	-35.70	63.6	14.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXSS2216	4/8/2024 11:18	57.2	38.6	0.0	4.2	-1.82	-1.89	-35.21	62.8	17.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXSS2216	4/22/2024 9:39	58.0	39.4	0.0	2.6	-6.59	-6.61	-44.81	66.6	20.0	Valve Adjustment:No Change,Valve 25% open
OXSS2216	4/22/2024 9:45	56.9	37.8	0.1	5.2	-6.78	-7.69	-44.93	66.5	19.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open

<sup>1</sup> - Oxygen is only required to be monitored per NESHAP Subpart AAAA and high percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are highlighted for reporting purposes only.

**Italic** = HOV/LTCO approval from BAAQMD

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

\*\*Well OXEWHC6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

≤140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii)  
OXEW1618, OXMEW205, OXMEW209, OXMPEW35

≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(i)  
OMTLS01, OMTLS02, OMTLS03, OMTLS04, OMTLS05, OMTLS06, OMTLS07, OMTLS08, OMTLS09, OMTLS10, OMTLS11, OMTLS12, OMTLS15, OMTLS16, OMTLS17, OMTLS18, OMTLS19, OMTLS20, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS06, OXLCRS06, OXLCRS07, OXMEWHC6, OXMTBTC4, OXMEWH47, and OXMHCF06

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)  
OMTLS01, OMTLS02, OMTLS03, OMTLS04, OMTLS05, OMTLS06, OMTLS07, OMTLS08, OMTLS09, OMTLS10, OMTLS11, OMTLS12, OMTLS15, OMTLS16, OMTLS17, OMTLS18, OMTLS19, OMTLS20, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS06, OXLCRS06 and OXLCRS07.

\*Wells that have been decommissioned are noted with a strikethrough.

Total Number of Active Wells	227
Total Number of Well Readings	564
Total Number of Readings NOT Collected	0

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMLEW101	5/14/2024 9:21	63.3	31.6	0.2	4.9	-2.48	-2.51	-7.19	67.6	11.1	Valve Adjustment:No Change,Valve 20% open
OMLEW101	5/17/2024 12:36	56.0	34.2	1.2	8.6	-13.15	-16.76	-39.75	76.1	25.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OMLEW104	5/6/2024 16:26	48.8	32.0	1.8	17.4	-45.46	-46.30	-49.16	79.1	40.2	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW104	5/23/2024 15:03	45.2	33.4	1.6	19.8	-44.31	-44.31	-45.62	81.8	44.5	Valve Adjustment:No Change
OMLEW107	5/6/2024 16:23	58.0	33.6	0.4	8.0	-48.19	-48.21	-48.80	74.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW59	5/1/2024 15:02	37.3	32.0	0.2	30.5	-3.58	-3.54	-30.69	107.9	26.4	Valve Adjustment:No Change,Valve 30% open
OMLFEW59	5/16/2024 17:38	44.5	29.6	0.1	25.8	-3.16	-3.08	-38.28	106.3	27.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OMLFEW72	5/6/2024 16:38	43.1	35.9	0.1	20.9	-1.74	-1.73	-42.55	64.7	6.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLFEW72	5/23/2024 15:18	42.6	35.4	0.0	22.0	-1.76	-1.75	-44.96	70.3	6.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLFEW99	5/3/2024 12:51	43.6	33.0	0.2	23.2	-0.88	-0.86	-46.43	66.1	11.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLFEW99	5/16/2024 16:26	44.8	34.3	0.1	20.8	-0.77	-0.38	-54.60	65.3	11.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS01	5/9/2024 10:18	37.7	31.3	4.7	26.3	-0.14	-0.15	-40.86	79.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS01	5/23/2024 15:27	43.0	32.5	1.2	23.3	-0.09	-0.09	-43.99	75.1	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	5/9/2024 10:13	53.2	31.7	0.4	14.7	-0.27	-0.30	-40.87	70.9	6.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS02	5/23/2024 15:55	26.0	17.6	5.4	51.0	-0.41	-0.38	-44.98	70.8	6.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	5/9/2024 10:07	21.4	24.3	11.9	42.4	-0.23	-0.23	-40.87	77.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	5/23/2024 15:52	18.7	15.6	8.3	57.4	-0.58	-0.24	-44.96	69.1	2.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	5/8/2024 9:30	24.7	17.0	4.8	53.5	-0.28	-0.28	-43.57	74.0	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	5/17/2024 10:33	23.3	20.1	4.3	52.3	-0.20	-0.15	-39.19	65.4	0.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	5/8/2024 9:27	8.5	10.8	12.6	68.1	-0.42	-0.28	-43.17	73.9	1.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	5/17/2024 10:37	13.1	8.5	12.6	65.8	-0.16	-0.16	-39.38	67.8	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	5/8/2024 9:23	28.0	18.4	9.6	44.0	-0.28	-0.29	-43.17	76.2	1.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	5/17/2024 10:40	17.1	12.0	10.7	60.2	-0.19	-0.19	-39.99	71.5	1.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	5/8/2024 9:18	26.2	15.1	7.7	51.0	-0.36	-0.38	-43.59	71.9	0.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	5/17/2024 11:17	32.5	30.2	6.4	30.9	-0.15	-0.16	-39.97	66.8	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	5/8/2024 9:14	14.0	10.4	14.7	60.9	-6.43	-6.41	-38.72	70.7	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	5/17/2024 13:03	45.3	30.7	10.7	13.3	-0.05	-0.05	-34.66	67.0	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	5/8/2024 9:03	41.4	29.2	1.5	27.9	-1.29	-1.21	-36.21	77.5	9.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	5/17/2024 13:06	32.4	25.0	2.4	40.2	-0.99	-0.98	-34.36	79.7	8.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	5/8/2024 11:58	21.7	14.6	9.0	54.7	-1.16	-1.07	-40.84	76.6	8.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	5/17/2024 13:13	18.7	15.9	10.1	55.3	-0.90	-0.86	-36.33	74.6	7.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	5/8/2024 11:49	12.2	9.4	14.8	63.6	-0.91	-0.90	-40.74	72.5	1.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	5/17/2024 14:02	27.7	19.0	4.3	49.0	-0.76	-0.75	-38.09	69.8	2.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	5/8/2024 11:46	12.0	9.0	14.9	64.1	-1.50	-0.72	-33.96	73.4	11.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMTLTS12	5/29/2024 11:08	0.0	0.2	20.5	79.3	-1.17	-0.59	-39.44	72.9	10.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less
OMTLTS12	5/29/2024 11:09	0.0	0.2	20.5	79.3	-0.52	-0.48	-40.90	74.7	0.4	Valve Adjustment: No Change, Valve at minimum position
OMTLTS15	5/8/2024 11:28	25.2	27.2	7.6	40.0	-0.86	-0.86	-43.34	77.0	6.2	Valve Adjustment: No Change, Valve at minimum position
OMTLTS15	5/17/2024 13:46	1.9	3.2	8.6	86.3	-0.86	-0.76	-40.63	82.5	5.7	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTLTS16	5/8/2024 11:21	42.3	35.5	1.7	20.5	-0.68	-0.68	-36.02	78.4	0.3	Valve Adjustment: No Change, Valve at minimum position
OMTLTS16	5/17/2024 13:49	2.3	5.0	9.0	83.7	-0.69	-0.67	-34.06	70.1	0.8	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTLTS17	5/8/2024 11:09	57.6	41.5	0.4	0.5	-0.71	-0.78	-36.31	68.0	6.6	Valve Adjustment: Opened valve 1/2 turn or less, Valve 5% open
OMTLTS17	5/8/2024 11:14	57.5	41.0	0.3	1.2	-0.94	-0.95	-36.28	67.2	9.7	Valve Adjustment: No Change
OMTLTS17	5/17/2024 13:55	25.7	15.3	3.6	55.4	-0.95	-0.88	-39.66	75.7	10.0	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTLTS18	5/8/2024 10:59	49.7	34.9	2.9	12.5	-0.51	-0.50	-37.47	68.0	10.9	Valve Adjustment: No Change, Closed valve >10%, Valve 10% open
OMTLTS18	5/17/2024 8:40	16.9	19.7	10.1	53.3	-2.74	-2.57	-32.95	62.2	9.1	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less
OMTLTS19	5/7/2024 7:54	57.8	41.9	0.3	0.0	-2.29	-2.36	-45.86	72.5	8.6	Valve Adjustment: Opened valve 1/2 turn or less, Valve 50% open
OMTLTS19	5/17/2024 8:50	36.2	29.6	5.7	28.5	-4.43	-2.25	-35.92	70.6	7.7	Valve Adjustment: Closed valve 1/2 turn or less, Valve 20% open
OMTLTS20	5/7/2024 7:49	47.8	32.1	0.8	19.3	-2.11	-2.06	-42.61	73.4	71.9	Valve Adjustment: Closed valve 1/2 turn or less, Valve 45% open
OMTLTS20	5/17/2024 8:57	12.5	17.8	11.0	58.7	-3.27	-1.68	-38.37	72.1	65.1	Valve Adjustment: Closed valve 1/2 turn or less, Valve 25% open
OXE2022R	5/7/2024 9:52	49.6	39.5	0.7	10.2	-36.39	-37.21	-43.69	82.2	3.4	Valve Adjustment: No Change, Valve 25% open
OXE2022R	5/24/2024 10:12	52.6	39.1	1.0	7.3	-37.89	-38.10	-43.93	69.1	3.2	Valve Adjustment: Opened valve 1/2 turn or less, Valve 25% open
OXEW133B	5/9/2024 10:03	38.9	32.0	0.2	28.9	-38.18	-37.72	-41.00	79.5	127.2	Valve Adjustment: Closed valve 1/2 turn or less
OXEW133B	5/29/2024 8:53	43.9	30.0	1.1	25.0	-38.57	-38.06	-41.70	109.7	85.0	Valve Adjustment: Closed valve 1/2 turn or less
OXEW134A	5/9/2024 9:52	46.5	38.7	0.6	14.2	-10.27	-8.37	-41.51	69.3	0.0	Valve Adjustment: Closed valve 1/2 turn or less
OXEW134A	5/29/2024 8:49	31.4	26.7	1.0	40.9	-13.74	-11.25	-42.50	88.1	0.0	Valve Adjustment: Closed valve 1/2 turn or less
OXEW134B	5/9/2024 9:49	50.0	38.3	0.6	11.1	-7.77	-9.42	-38.64	67.4	60.7	Valve Adjustment: No Change
OXEW134B	5/29/2024 8:45	44.7	32.3	4.1	18.9	-7.78	-6.72	-41.78	70.2	90.4	Valve Adjustment: No Change
OXEW137B	5/6/2024 15:19	53.9	38.3	1.1	6.7	-45.85	-45.99	-46.62	77.4	0.0	Valve Adjustment: Opened valve 1/2 turn or less
OXEW137B	5/17/2024 11:19	52.0	35.5	1.0	11.5	-36.68	-35.86	-37.64	72.2	0.0	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1601	5/3/2024 11:20	49.7	36.6	1.2	12.5	-20.40	-20.40	-37.53	124.8	46.5	Valve Adjustment: No Change
OXEW1601	5/16/2024 15:56	45.8	35.1	1.2	17.9	-24.41	-24.36	-48.37	124.9	55.1	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1601	5/23/2024 10:09	45.4	38.6	1.2	14.8	-21.65	-21.65	-41.34	125.4	56.0	Valve Adjustment: Closed valve 1/2 turn or less
OXEW1602	5/3/2024 11:28	56.3	40.3	0.9	2.5	-26.72	-26.74	-41.66	126.4	20.7	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1602	5/23/2024 9:04	52.4	38.4	0.4	8.8	-8.46	-8.52	-23.47	127.8	156.0	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1603	5/3/2024 11:44	59.5	40.4	0.1	0.0	-38.19	-37.89	-38.06	107.4	6.3	Valve Adjustment: No Change, Valve 100% open
OXEW1603	5/23/2024 9:12	54.3	38.7	0.0	7.0	-45.10	-44.06	-45.19	105.4	10.7	Valve Adjustment: No Change, Valve 100% open
OXEW1604	5/3/2024 11:54	50.8	39.6	0.6	9.0	-10.22	-11.26	-36.40	123.4	212.8	Valve Adjustment: Opened valve 1/2 turn or less
OXEW1604	5/23/2024 9:36	46.9	30.2	0.5	22.4	-15.56	-15.33	-45.00	124.6	255.8	Valve Adjustment: Closed valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1611	5/7/2024 13:05	45.7	31.5	4.9	17.9	-37.57	-37.57	-39.75	70.5	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	5/24/2024 8:37	58.5	39.0	2.2	0.3	-30.88	-30.78	-39.70	50.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1612	5/3/2024 13:12	58.8	37.7	0.7	2.8	-40.75	-40.75	-40.58	126.0	21.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1612	5/20/2024 17:39	56.2	33.1	1.1	9.6	-18.34	-18.37	-18.79	123.3	26.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1612	5/23/2024 10:23	54.2	39.8	0.9	5.1	-23.56	-23.68	-23.66	120.1	8.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	5/3/2024 12:05	46.6	43.3	0.9	9.2	-1.46	-1.47	-40.49	124.1	0.0	Valve Adjustment:No Change
OXEW1613	5/24/2024 10:48	41.0	37.2	0.5	21.3	-0.07	-0.39	-45.63	121.5	0.0	Valve Adjustment:No Change
OXEW1614	5/3/2024 13:48	49.2	38.3	0.1	12.4	-1.96	-2.11	-35.41	111.5	14.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	5/24/2024 10:39	41.4	35.4	0.2	23.0	-3.94	-3.49	-46.36	113.0	26.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	5/7/2024 9:23	52.6	39.0	0.9	7.5	-34.23	-35.36	-39.06	114.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	5/24/2024 10:32	57.7	40.4	0.2	1.7	-37.55	-37.55	-39.55	112.8	21.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1617	5/3/2024 14:15	45.4	39.8	0.0	14.8	-5.74	-5.39	-39.58	130.3	21.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1617	5/24/2024 14:56	54.5	29.7	0.2	15.6	-5.71	-6.73	-45.28	129.3	17.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
<b>OXEW1618</b>	5/3/2024 13:43	53.2	38.1	0.0	8.7	-3.08	-4.24	-35.68	128.0	29.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
<b>OXEW1618</b>	5/24/2024 10:54	40.0	34.8	1.2	24.0	-6.77	-6.39	-45.27	130.4	28.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1619	5/8/2024 10:31	58.6	35.9	0.3	5.2	-42.41	-42.38	-42.89	111.6	10.2	Valve Adjustment:No Change,Valve 100% open
OXEW1619	5/17/2024 9:53	57.2	37.1	0.1	5.6	-38.85	-38.84	-38.92	109.2	11.6	Valve Adjustment:No Change,Valve 100% open
OXEW1620	5/8/2024 10:37	43.5	35.1	0.2	21.2	-38.85	-38.82	-42.53	100.0	5.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1620	5/17/2024 9:46	48.4	36.2	0.1	15.3	-32.81	-33.53	-38.40	100.0	5.7	Valve Adjustment:No Change,Valve 30% open
OXEW1621	5/8/2024 14:47	37.4	34.2	0.2	28.2	-2.85	-2.66	-42.23	116.9	37.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	5/25/2024 9:36	35.4	37.5	0.2	26.9	-3.64	-3.18	-47.52	115.5	28.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	5/8/2024 10:18	49.5	35.3	3.3	11.9	-16.24	-16.05	-42.64	116.9	26.6	Valve Adjustment:No Change
OXEW1622	5/17/2024 10:00	47.9	32.5	4.2	15.4	-9.47	-9.47	-37.68	115.1	26.2	Valve Adjustment:No Change
OXEW1701	5/7/2024 8:27	56.0	37.5	0.1	6.4	-36.51	-36.28	-37.52	118.9	19.6	Valve Adjustment:No Change,Valve 100% open
OXEW1701	5/24/2024 14:25	53.9	34.6	0.1	11.4	-38.29	-38.67	-39.03	117.5	15.6	Valve Adjustment:No Change,Valve 100% open
OXEW1702	5/7/2024 10:05	58.8	41.2	0.0	0.0	-33.53	-33.52	-36.45	124.6	41.5	Valve Adjustment:No Change,Valve 100% open
OXEW1702	5/24/2024 10:00	55.2	37.4	0.1	7.3	-33.93	-34.12	-36.80	123.9	38.4	Valve Adjustment:No Change,Valve 100% open
OXEW1703	5/7/2024 9:55	56.1	38.5	0.1	5.3	-34.49	-34.42	-34.46	71.4	1.7	Valve Adjustment:No Change,Valve 100% open
OXEW1703	5/24/2024 10:08	54.3	39.9	1.1	4.7	-34.33	-34.42	-34.60	61.1	0.8	Valve Adjustment:No Change,Valve 100% open
OXEW1705	5/7/2024 10:38	58.6	39.9	0.0	1.5	-36.56	-36.65	-37.35	111.1	7.2	Valve Adjustment:No Change,Valve 100% open
OXEW1705	5/24/2024 9:28	57.6	37.7	0.3	4.4	-37.38	-37.29	-39.36	110.9	7.2	Valve Adjustment:No Change,Valve 100% open
OXEW1716	5/1/2024 15:14	56.6	39.0	0.2	4.2	-40.92	-40.84	-42.77	87.6	4.4	Valve Adjustment:No Change,Valve 100% open
OXEW1716	5/16/2024 11:45	56.9	40.1	0.0	3.0	-44.85	-44.85	-46.88	82.6	4.5	Valve Adjustment:No Change,Valve 100% open
OXEW1717	5/1/2024 15:28	52.2	36.8	1.7	9.3	-46.89	-46.90	-46.95	76.7	1.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1717	5/16/2024 10:29	52.9	28.3	3.5	15.3	-42.30	-42.38	-42.32	56.6	0.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1801	5/3/2024 15:16	46.9	37.9	0.0	15.2	-14.85	-14.91	-34.70	120.9	5.8	Valve Adjustment:No Change,Valve 25% open
OXEW1801	5/24/2024 11:24	41.6	36.8	0.0	21.6	-20.87	-20.36	-44.66	119.2	9.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1804	5/3/2024 13:33	58.6	41.0	0.2	0.2	-35.58	-35.59	-37.05	119.8	10.9	Valve Adjustment:No Change,Valve 100% open
OXEW1804	5/24/2024 11:01	56.6	41.3	0.1	2.0	-43.60	-43.66	-45.76	118.8	15.6	Valve Adjustment:No Change,Valve 100% open
OXEW1805	5/3/2024 13:27	59.3	40.6	0.1	0.0	-39.96	-39.92	-41.67	110.5	13.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1805	5/23/2024 8:58	53.5	38.5	0.1	7.9	-45.48	-45.64	-47.57	109.9	15.3	Valve Adjustment:No Change,Valve 100% open
OXEW1806	5/8/2024 14:20	51.1	36.4	0.1	12.4	-0.25	-0.26	-43.38	119.4	9.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1806	5/25/2024 9:56	46.4	41.8	0.0	11.8	-0.46	-0.42	-47.19	116.7	11.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1807	5/7/2024 9:39	53.7	40.6	0.1	5.6	-29.72	-32.83	-45.14	130.2	37.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1807	5/24/2024 10:24	49.8	38.2	1.2	10.8	-35.58	-35.52	-44.98	129.8	35.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXEW1809	5/3/2024 11:12	57.8	35.1	0.3	6.8	-37.90	-37.94	-39.95	109.8	30.5	Valve Adjustment:No Change,Valve 100% open
OXEW1809	5/23/2024 10:15	52.6	36.9	0.2	10.3	-38.73	-39.08	-43.34	102.9	39.7	Valve Adjustment:No Change,Valve 100% open
OXEW1810	5/2/2024 9:14	57.6	27.4	2.3	12.7	-42.86	-42.79	-42.91	71.9	2.3	Valve Adjustment:No Change,Valve 100% open
OXEW1810	5/2/2024 9:25	55.6	29.7	2.9	11.8	-42.45	-42.41	-42.58	71.0	6.7	Valve Adjustment:No Change,Valve 100% open
OXEW1810	5/16/2024 12:55	55.9	33.7	0.7	9.7	-46.37	-46.13	-46.64	62.1	3.1	Valve Adjustment:No Change,Valve 100% open
OXEW1811	5/3/2024 15:28	51.5	37.4	1.6	9.5	-13.13	-13.16	-36.12	92.5	13.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1811	5/23/2024 8:48	48.4	37.1	2.4	12.1	-20.76	-20.78	-47.13	57.0	16.1	Valve Adjustment:No Change,Valve 20% open
OXEW1812	5/14/2024 9:42	54.9	38.5	0.3	6.3	-27.06	-29.10	-47.41	123.7	35.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1812	5/23/2024 7:58	53.3	39.8	0.4	6.5	-31.50	-33.44	-43.06	123.3	40.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1813	5/7/2024 9:27	57.5	39.9	0.1	2.5	-43.79	-43.79	-44.13	102.3	4.6	Valve Adjustment:No Change,Valve 100% open
OXEW1813	5/7/2024 9:31	58.0	41.2	0.1	0.7	-43.00	-43.00	-44.61	101.3	4.1	Valve Adjustment:No Change,Valve 100% open
OXEW1813	5/24/2024 10:29	53.6	38.2	0.1	8.1	-40.36	-40.42	-41.34	98.2	7.3	Valve Adjustment:No Change,Valve 100% open
OXEW1815	5/8/2024 13:53	53.9	35.1	0.1	10.9	-3.81	-4.59	-43.37	121.3	2.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1815	5/24/2024 13:54	51.2	33.6	0.1	15.1	-7.42	-7.44	-47.36	121.2	14.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1816	5/7/2024 10:17	53.8	38.6	0.1	7.5	-22.02	-22.01	-36.68	122.4	92.9	Valve Adjustment:No Change,Valve 100% open
OXEW1816	5/24/2024 9:46	54.4	36.2	0.2	9.2	-22.08	-22.22	-36.97	121.8	91.5	Valve Adjustment:No Change,Valve 100% open
OXEW1817	5/7/2024 12:22	61.1	38.8	0.1	0.0	-36.87	-36.56	-38.22	118.7	8.9	Valve Adjustment:No Change,Valve 100% open
OXEW1817	5/21/2024 14:48	56.4	39.2	0.0	4.4	-36.49	-36.83	-37.17	115.6	5.6	Valve Adjustment:No Change,Valve 100% open
OXEW1821	5/2/2024 10:17	16.6	17.6	0.6	65.2	-19.95	-19.95	-42.38	65.1	3.8	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	5/28/2024 14:53	8.2	18.6	0.1	73.1	-0.24	-0.21	-48.15	63.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	5/2/2024 10:11	5.9	15.1	1.7	77.3	-8.19	-1.89	-42.68	75.4	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	5/16/2024 16:38	4.9	17.3	0.3	77.5	-0.11	-0.10	-46.04	54.5	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	5/2/2024 10:01	3.4	15.6	0.3	80.7	-0.29	-0.29	-42.02	74.6	0.0	Valve Adjustment:No Change,Valve at minimum position

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1823	5/16/2024 16:36	5.4	19.1	0.1	75.4	-0.21	-0.21	-46.29	56.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	5/2/2024 9:08	64.1	31.7	1.0	3.2	-42.70	-42.64	-42.74	68.1	6.4	Valve Adjustment:No Change,Valve 100% open
OXEW1824	5/16/2024 13:03	49.9	31.4	4.3	14.4	-46.56	-46.27	-46.83	65.3	2.5	Valve Adjustment:No Change,Valve 100% open
OXEW1825	5/2/2024 9:21	37.4	25.8	3.7	33.1	-32.08	-32.05	-42.30	66.1	2.7	Valve Adjustment:No Change,Valve 10% open
OXEW1825	5/16/2024 12:49	36.3	33.7	0.2	29.8	-33.53	-24.28	-46.39	62.3	3.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1826	5/6/2024 16:49	48.2	35.5	0.1	16.2	-9.84	-9.82	-42.00	79.9	2.7	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	5/23/2024 8:07	43.8	35.4	0.1	20.7	-12.60	-12.52	-48.34	79.7	2.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	5/8/2024 10:48	59.3	40.6	0.1	0.0	-43.35	-43.30	-43.16	87.5	12.8	Valve Adjustment:No Change,Valve 100% open
OXEW1901	5/17/2024 9:36	59.8	38.6	0.0	1.6	-39.11	-39.15	-39.00	83.4	14.2	Valve Adjustment:No Change,Valve 100% open
OXEW1902	5/7/2024 10:01	48.9	38.5	0.0	12.6	-3.68	-3.69	-37.79	73.4	12.8	Valve Adjustment:No Change
OXEW1902	5/24/2024 10:03	50.8	36.7	0.0	12.5	-4.12	-4.06	-38.68	67.5	12.4	Valve Adjustment:No Change,Valve 10% open
OXEW1904	5/7/2024 9:49	54.0	38.9	0.1	7.0	-18.59	-19.59	-39.69	108.8	54.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1904	5/24/2024 10:16	50.5	38.2	0.3	11.0	-22.94	-22.99	-39.43	101.5	56.7	Valve Adjustment:No Change
OXEW1908	5/1/2024 12:53	58.8	37.5	0.2	3.5	-30.29	-30.37	-32.36	106.1	58.0	Valve Adjustment:No Change,Valve 100% open
OXEW1908	5/23/2024 14:14	57.9	37.0	0.0	5.1	-38.98	-38.97	-38.31	105.9	62.8	Valve Adjustment:No Change,Valve 100% open
OXEW1909	5/1/2024 12:59	57.4	39.2	2.4	1.0	-34.59	-34.68	-37.92	102.8	51.8	Valve Adjustment:No Change,Valve 100% open
OXEW1909	5/23/2024 14:04	57.2	34.9	0.1	7.8	-34.92	-34.16	-38.94	102.6	56.3	Valve Adjustment:No Change,Valve 100% open
OXEW1910	5/1/2024 12:45	47.3	35.7	1.8	15.2	-8.78	-8.77	-39.66	117.6	52.9	Valve Adjustment:No Change,Valve 25% open
OXEW1910	5/16/2024 15:52	44.7	35.2	1.9	18.2	-9.73	-8.96	-47.63	119.2	57.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1911	5/3/2024 13:20	47.8	35.0	4.0	13.2	-38.60	-38.71	-40.91	118.4	8.8	Valve Adjustment:No Change,Valve 100% open
OXEW1911	5/9/2024 8:09	58.8	40.2	0.0	1.0	-21.82	-22.02	-37.81	75.8	30.4	Valve Adjustment:No Change,Valve 100% open
OXEW1911	5/9/2024 8:15	45.1	36.4	4.4	14.1	-24.15	0.13	-37.87	121.1	27.3	Valve Adjustment:Closed valve >10%,Valve 95% open
OXEW1911	5/9/2024 8:16	58.4	40.2	0.1	1.3	20.44	20.34	-39.85	101.8	1.6	Valve Adjustment:No Change
OXEW1912	5/3/2024 11:24	59.8	38.5	0.1	1.6	-39.15	-39.15	-42.07	122.5	39.8	Valve Adjustment:No Change,Valve 100% open
OXEW1912	5/16/2024 16:00	57.2	38.8	0.0	4.0	-18.52	-21.19	-25.10	123.2	32.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1912	5/23/2024 10:05	56.9	40.0	0.0	3.1	-19.89	-19.64	-20.58	124.1	36.9	Valve Adjustment:No Change,Valve 100% open
OXEW1913	5/9/2024 8:33	55.7	39.6	1.3	3.4	-13.70	-23.66	-40.14	84.3	7.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1913	5/23/2024 7:45	26.2	30.6	0.0	43.2	-0.80	-0.56	-43.88	87.0	48.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1914	5/9/2024 7:53	59.8	37.2	0.1	2.9	-35.72	-41.81	-41.36	82.3	3.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1914	5/23/2024 8:29	56.4	39.1	0.0	4.5	-31.39	-31.67	-31.47	81.7	3.1	Valve Adjustment:No Change,Valve 100% open
OXEW1915	5/1/2024 15:46	29.4	28.9	0.9	40.8	-9.26	-8.90	-47.65	71.5	14.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1915	5/16/2024 10:10	38.0	31.1	0.4	30.5	-6.98	-4.88	-42.81	64.3	12.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1916	5/2/2024 11:01	45.4	26.2	4.9	23.5	-45.35	-45.31	-45.49	74.6	0.4	Valve Adjustment:No Change,Valve 100% open
OXEW1916	5/21/2024 9:26	45.0	26.9	4.9	23.2	-47.77	-47.86	-47.65	70.8	0.6	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1916	5/21/2024 10:28	44.9	27.9	4.9	22.3	-47.40	-47.70	-47.51	76.8	1.6	Valve Adjustment:No Change,Valve 100% open
OXEW1917	5/2/2024 11:52	49.8	31.0	3.8	15.4	-45.32	-45.11	-45.57	74.0	2.9	Valve Adjustment:No Change,Valve 100% open
OXEW1917	5/29/2024 9:39	0.0	0.2	20.9	78.9	-42.24	-41.96	-42.05	75.1	0.3	Valve Adjustment:NSPS,Closed valve 1/2 turn or less,Valve 5% open
OXEW1917	5/29/2024 10:40	0.1	0.4	20.7	78.8	-42.19	-42.20	-41.96	74.5	0.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	5/2/2024 10:28	25.5	26.2	0.6	47.7	-15.85	-15.88	-43.91	68.5	6.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	5/16/2024 16:44	20.3	25.2	0.1	54.4	-2.27	-2.19	-46.56	63.4	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	5/2/2024 10:21	21.1	20.2	0.8	57.9	-21.69	-21.70	-42.29	63.6	14.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	5/16/2024 16:55	11.9	18.2	0.2	69.7	-22.52	-21.85	-46.40	62.0	8.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1921	5/2/2024 10:43	40.6	31.7	1.2	26.5	-41.96	-41.96	-43.71	99.9	17.7	Valve Adjustment:No Change,Valve 100% open
OXEW1921	5/16/2024 16:51	7.8	18.2	0.2	73.8	-2.11	-1.84	-46.67	57.0	1.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1921	5/21/2024 8:54	45.7	37.5	0.1	16.7	-44.00	-44.16	-47.34	103.6	23.4	Valve Adjustment:No Change,Valve 100% open
OXEW2001	5/9/2024 12:10	29.1	25.1	5.8	40.0	-7.74	-7.67	-30.09	121.6	13.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 20% open
OXEW2001	5/9/2024 12:12	31.9	26.7	4.7	36.7	-5.71	-5.84	-30.10	121.0	10.7	Valve Adjustment:No Change,Valve 20% open
OXEW2001	5/21/2024 10:03	28.6	30.1	2.0	39.3	-3.25	-3.23	-45.67	126.4	12.6	Valve Adjustment:No Change,Valve 15% open
OXEW2002	5/1/2024 10:18	56.6	35.1	1.4	6.9	-45.06	-45.03	-48.09	116.0	115.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2002	5/16/2024 10:46	52.9	39.0	0.5	7.6	-40.25	-40.46	-42.22	114.5	84.2	Valve Adjustment:No Change,Valve 100% open
OXEW2003	5/1/2024 15:25	55.8	39.0	0.3	4.9	-47.16	-47.12	-47.28	87.8	5.2	Valve Adjustment:No Change,Valve 100% open
OXEW2003	5/16/2024 10:40	56.4	40.4	0.0	3.2	-41.76	-41.90	-41.93	77.4	5.9	Valve Adjustment:No Change,Valve 100% open
OXEW2004	5/1/2024 15:08	46.9	35.9	0.2	17.0	-43.30	-43.30	-46.44	122.4	43.1	Valve Adjustment:No Change,Valve 100% open
OXEW2004	5/16/2024 11:20	47.1	38.7	0.1	14.1	-39.77	-39.68	-43.58	122.6	42.9	Valve Adjustment:No Change,Valve 100% open
OXEW2005	5/2/2024 10:50	34.7	33.0	0.5	31.8	-13.02	-13.19	-44.44	120.1	27.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2005	5/21/2024 9:16	35.9	33.4	0.0	30.7	-14.55	-14.54	-48.38	119.2	27.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2007	5/2/2024 9:52	58.9	33.5	1.3	6.3	-42.09	-42.19	-42.59	93.0	15.0	Valve Adjustment:No Change,Valve 100% open
OXEW2007	5/2/2024 9:57	55.5	36.5	1.8	6.2	-42.29	-42.28	-42.29	92.6	19.5	Valve Adjustment:No Change,Valve 100% open
OXEW2007	5/21/2024 8:49	57.3	39.4	0.1	3.2	-47.22	-47.16	-47.42	94.0	13.8	Valve Adjustment:No Change,Valve 100% open
OXEW2008	5/2/2024 9:43	60.4	25.1	1.8	12.7	-42.32	-42.30	-42.34	67.0	20.2	Valve Adjustment:No Change,Valve 100% open
OXEW2008	5/21/2024 8:41	66.9	31.9	0.1	1.1	-47.19	-47.23	-47.22	58.5	5.6	Valve Adjustment:No Change,Valve 100% open
OXEW2009	5/2/2024 12:07	52.5	36.4	1.9	9.2	-45.57	-45.60	-45.79	99.3	25.9	Valve Adjustment:No Change,Valve 100% open
OXEW2009	5/21/2024 11:11	56.2	40.0	0.8	3.0	-47.30	-47.40	-47.37	100.0	9.0	Valve Adjustment:No Change,Valve 100% open
OXEW2010	5/2/2024 11:59	49.6	34.9	1.9	13.6	-44.14	-44.43	-45.83	74.9	7.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2010	5/21/2024 12:49	62.8	22.5	0.8	13.9	-40.36	-40.77	-40.75	74.4	3.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2011	5/2/2024 11:18	40.9	31.7	1.9	25.5	-42.78	-42.84	-44.66	102.1	19.3	Valve Adjustment:No Change,Valve 100% open
OXEW2011	5/21/2024 9:40	44.9	37.2	0.1	17.8	-45.23	-45.27	-46.93	102.0	18.6	Valve Adjustment:No Change,Valve 100% open
OXEW2012	5/1/2024 10:39	53.9	38.9	0.7	6.5	-48.47	-48.71	-50.13	103.6	16.8	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2012	5/16/2024 10:55	52.0	39.3	0.0	8.7	-52.46	-52.56	-55.12	103.9	20.0	Valve Adjustment:No Change,Valve 100% open
OXEW2016	5/3/2024 11:49	58.7	41.2	0.1	0.0	-28.85	-30.27	-40.23	130.3	19.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2016	5/23/2024 9:15	55.9	40.8	0.0	3.3	-36.43	-36.59	-45.34	130.3	20.6	Valve Adjustment:No Change,Valve 35% open
OXEW2017	5/3/2024 11:40	53.0	39.0	0.6	7.4	-19.07	-22.09	-43.51	127.2	58.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW2017	5/16/2024 16:05	49.9	38.1	0.8	11.2	-26.08	-26.29	-52.07	128.0	72.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2017	5/23/2024 9:08	48.6	39.0	0.9	11.5	-26.03	-26.01	-48.98	128.4	70.8	Valve Adjustment:No Change,Valve 50% open
OXEW2020	5/8/2024 13:58	52.0	36.6	0.1	11.3	-31.20	-31.24	-43.02	130.3	28.0	Valve Adjustment:No Change,Valve 40% open
OXEW2020	5/8/2024 14:01	52.0	36.7	0.1	11.2	-32.67	-32.68	-43.01	130.3	28.7	Valve Adjustment:No Change
OXEW2020	5/24/2024 13:46	55.2	21.2	0.6	23.0	-35.56	-35.73	-46.63	130.3	28.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2021	5/8/2024 13:38	56.7	35.6	0.8	6.9	-8.27	-11.50	-41.50	78.8	1.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2021	5/24/2024 14:02	52.3	35.5	0.3	11.9	-19.10	-20.56	-45.87	80.0	1.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2022	5/7/2024 8:37	56.1	39.0	0.2	4.7	-43.67	-43.67	-45.77	118.1	31.1	Valve Adjustment:No Change,Valve 100% open
OXEW2022	5/24/2024 14:36	56.1	37.0	0.4	6.5	-44.46	-44.27	-45.83	117.3	26.9	Valve Adjustment:No Change,Valve 100% open
OXEW2023	5/7/2024 10:26	58.7	41.3	0.0	0.0	-36.57	-36.63	-38.14	126.0	53.7	Valve Adjustment:No Change,Valve 100% open
OXEW2023	5/24/2024 9:09	59.1	37.6	0.4	2.9	-36.53	-36.83	-37.99	125.6	36.0	Valve Adjustment:No Change,Valve 100% open
OXEW2024	5/7/2024 12:49	56.9	33.8	0.3	9.0	-37.20	-37.23	-37.64	123.5	6.0	Valve Adjustment:No Change,Valve 100% open
OXEW2024	5/24/2024 8:23	57.8	36.2	0.2	5.8	-37.98	-37.80	-38.94	122.2	0.6	Valve Adjustment:No Change,Valve 100% open
OXEW2026	5/7/2024 12:45	48.9	32.7	4.0	14.4	-43.35	-43.28	-43.40	69.9	2.1	Valve Adjustment:No Change,Valve 100% open
OXEW2026	5/24/2024 8:18	41.9	29.5	4.9	23.7	-44.33	-44.00	-44.81	51.1	1.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXEW2027	5/9/2024 13:17	46.2	33.2	2.6	18.0	-32.08	-32.33	-32.51	78.0	0.4	Valve Adjustment:No Change
OXEW2027	5/29/2024 10:16	42.8	31.3	5.3	20.6	-36.30	-36.22	-35.99	76.2	0.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2027	5/29/2024 10:17	43.4	31.6	4.9	20.1	-37.25	-37.21	-37.18	76.6	0.1	Valve Adjustment:No Change,Valve 50% open
OXEW2028	5/7/2024 12:40	59.5	38.2	2.3	0.0	-43.34	-43.31	-43.30	66.7	2.5	Valve Adjustment:No Change,Valve 100% open
OXEW2028	5/24/2024 8:14	52.7	37.0	4.7	5.6	-43.97	-44.31	-44.49	49.1	14.5	Valve Adjustment:No Change,Valve 100% open
OXEW2029	5/7/2024 8:44	47.5	37.7	0.0	14.8	-18.30	-18.16	-47.04	124.0	44.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXEW2029	5/24/2024 14:42	44.2	33.7	0.0	22.1	-21.03	-20.94	-46.82	123.4	39.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2030	5/7/2024 10:41	58.2	41.7	0.1	0.0	-37.28	-37.28	-39.13	122.5	17.5	Valve Adjustment:No Change,Valve 100% open
OXEW2030	5/24/2024 9:31	55.0	38.6	0.2	6.2	-38.22	-38.22	-40.25	122.2	14.6	Valve Adjustment:No Change,Valve 100% open
OXEW2031	5/3/2024 12:09	58.4	37.7	0.1	3.8	-39.34	-39.34	-40.58	125.9	45.2	Valve Adjustment:No Change,Valve 100% open
OXEW2031	5/23/2024 9:56	55.5	37.2	0.2	7.1	-43.18	-43.26	-44.17	125.8	45.7	Valve Adjustment:No Change,Valve 100% open
OXEW2101	5/8/2024 14:28	52.2	37.5	0.0	10.3	-0.68	-0.70	-42.65	124.3	18.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2101	5/25/2024 9:51	47.9	42.0	0.0	10.1	-1.28	-1.27	-47.47	122.7	19.4	Valve Adjustment:No Change
OXEW2102	5/7/2024 13:09	59.8	40.1	0.1	0.0	-38.88	-38.88	-39.51	94.1	18.1	Valve Adjustment:No Change,Valve 100% open
OXEW2102	5/24/2024 8:34	58.0	38.6	0.1	3.3	-38.65	-38.58	-39.70	60.3	16.8	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2103	5/7/2024 12:56	54.8	37.2	1.3	6.7	-21.56	-26.71	-39.89	107.2	54.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW2103	5/24/2024 8:27	50.6	37.2	1.8	10.4	-28.53	-28.89	-38.75	107.6	51.6	Valve Adjustment:No Change
OXEW2104	5/7/2024 12:32	61.3	38.4	0.0	0.3	-35.81	-35.80	-44.02	115.9	59.1	Valve Adjustment:No Change,Valve 100% open
OXEW2104	5/24/2024 8:05	53.9	35.9	0.0	10.2	-36.11	-36.19	-42.82	115.4	56.7	Valve Adjustment:No Change,Valve 100% open
OXEW2105	5/1/2024 12:49	58.4	38.1	0.4	3.1	-31.80	-31.80	-31.84	100.6	1.7	Valve Adjustment:No Change,Valve 100% open
OXEW2105	5/23/2024 14:09	58.3	36.8	0.1	4.8	-38.49	-38.22	-38.13	102.0	4.4	Valve Adjustment:No Change,Valve 100% open
OXEW2106	5/3/2024 11:16	61.1	38.8	0.1	0.0	-40.82	-40.83	-40.64	113.0	10.5	Valve Adjustment:No Change,Valve 100% open
OXEW2106	5/23/2024 16:21	57.4	35.6	0.1	6.9	-43.26	-43.24	-43.59	114.2	13.5	Valve Adjustment:No Change,Valve 100% open
OXEW2107	5/2/2024 11:40	52.6	38.0	1.3	8.1	-36.58	-36.69	-36.57	97.6	15.7	Valve Adjustment:No Change,Valve 100% open
OXEW2107	5/21/2024 10:08	54.5	40.9	0.0	4.6	-36.59	-36.36	-36.36	99.8	8.4	Valve Adjustment:No Change,Valve 100% open
OXEW2108	5/1/2024 10:23	49.0	35.8	0.5	14.7	-45.33	-46.16	-49.10	115.7	24.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2108	5/16/2024 10:50	48.5	39.2	0.0	12.3	-38.44	-38.31	-43.27	118.8	30.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 55% open
OXEW2109	5/2/2024 11:23	20.0	23.7	1.9	54.4	-47.71	-47.71	-48.43	75.4	2.9	Valve Adjustment:No Change,Valve 65% open
OXEW2109	5/21/2024 9:46	19.0	27.4	0.2	53.4	-47.36	-47.17	-49.50	72.6	4.4	Valve Adjustment:No Change,Valve 50% open
OXEW2110	5/7/2024 10:34	56.7	36.8	0.1	6.4	-34.72	-34.75	-36.64	93.0	28.3	Valve Adjustment:No Change,Valve 100% open
OXEW2110	5/24/2024 9:25	58.6	35.6	0.2	5.6	-35.33	-35.48	-37.97	92.9	26.6	Valve Adjustment:No Change,Valve 100% open
OXEW2111	5/1/2024 13:04	60.3	37.7	0.2	1.8	-17.25	-17.25	-43.37	107.7	130.7	Valve Adjustment:No Change,Valve 100% open
OXEW2111	5/16/2024 15:32	57.2	38.3	0.2	4.3	-3.26	-3.06	-9.68	109.2	65.5	Valve Adjustment:No Change,Valve 100% open
OXEW2112	5/1/2024 13:24	58.6	38.4	0.2	2.8	-43.19	-43.18	-43.87	106.4	34.3	Valve Adjustment:No Change,Valve 100% open
OXEW2112	5/16/2024 15:47	55.6	38.5	0.0	5.9	-49.02	-49.01	-50.21	105.4	35.0	Valve Adjustment:No Change,Valve 100% open
OXEW2113	5/1/2024 12:31	61.7	37.7	0.6	0.0	-43.17	-43.17	-44.15	120.7	23.6	Valve Adjustment:No Change,Valve 100% open
OXEW2113	5/16/2024 15:17	58.5	39.1	0.1	2.3	-17.66	-18.31	-18.63	119.0	17.5	Valve Adjustment:No Change,Valve 100% open
OXEW2207	5/7/2024 13:12	56.9	39.8	0.1	3.2	-36.61	-36.62	-38.52	115.7	84.7	Valve Adjustment:No Change,Valve 100% open
OXEW2207	5/24/2024 8:42	50.5	37.1	0.2	12.2	-36.36	-36.53	-38.88	115.5	87.9	Valve Adjustment:No Change,Valve 100% open
OXEW2208	5/1/2024 12:40	60.3	39.0	0.1	0.6	-6.43	-7.68	-37.85	127.3	65.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2208	5/16/2024 15:26	56.5	38.6	0.0	4.9	-0.05	-0.13	-10.36	107.2	55.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2208	5/16/2024 15:27	57.5	39.0	0.0	3.5	-0.36	-1.14	-10.36	124.9	52.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2209	5/7/2024 12:59	59.5	37.0	0.1	3.4	-37.53	-37.19	-38.14	100.1	17.5	Valve Adjustment:No Change,Valve 100% open
OXEW2209	5/24/2024 8:31	56.3	36.7	0.2	6.8	-36.13	-36.55	-37.32	97.7	19.4	Valve Adjustment:No Change,Valve 100% open
OXEW2210	5/7/2024 9:59	57.3	40.9	0.5	1.3	-36.90	-36.90	-37.75	103.7	18.7	Valve Adjustment:No Change,Valve 100% open
OXEW2210	5/24/2024 10:05	53.2	39.2	0.9	6.7	-37.55	-37.41	-38.07	103.5	14.6	Valve Adjustment:No Change,Valve 100% open
OXEW2211	5/7/2024 10:20	56.2	38.8	0.2	4.8	-34.36	-34.28	-35.27	123.5	61.9	Valve Adjustment:No Change,Valve 100% open
OXEW2211	5/24/2024 9:05	53.7	35.7	0.2	10.4	-34.84	-34.93	-36.06	122.3	50.9	Valve Adjustment:No Change,Valve 100% open
OXEW2212	5/7/2024 12:25	51.8	35.6	0.1	12.5	-13.51	-13.62	-43.55	112.6	87.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2212	5/24/2024 8:01	46.6	34.3	0.0	19.1	-13.53	-13.53	-43.83	112.3	86.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2213	5/7/2024 12:36	59.6	39.2	0.1	1.1	-38.79	-38.70	-42.84	112.3	80.7	Valve Adjustment:No Change,Valve 100% open
OXEW2213	5/24/2024 8:11	57.9	38.1	0.4	3.6	-39.73	-39.92	-43.47	111.7	75.6	Valve Adjustment:No Change,Valve 100% open
OXEW2214	5/7/2024 8:11	57.6	38.8	0.1	3.5	-45.80	-45.80	-46.31	98.6	14.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2214	5/21/2024 13:17	59.2	35.7	0.1	5.0	-41.19	-41.21	-41.40	102.3	9.2	Valve Adjustment:No Change,Valve 100% open
OXEWHC6A**	5/1/2024 15:38	0.9	10.5	8.6	80.0	-2.22	-1.78	-46.98	80.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	5/25/2024 11:30	7.1	21.7	3.3	67.9	-52.05	-46.16	-51.85	56.7	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXHC1922	5/1/2024 12:36	62.0	37.9	0.1	0.0	-3.36	-5.07	-40.41	96.3	33.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC1922	5/23/2024 13:55	46.9	34.6	0.7	17.8	-25.68	-24.13	-42.90	98.4	100.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 75% open
OXHC2000	5/7/2024 13:59	58.7	38.2	0.6	2.5	-41.50	-41.36	-45.20	72.2	8.0	Valve Adjustment:No Change,Valve 100% open
OXHC2000	5/21/2024 14:25	58.5	36.3	0.1	5.1	-41.25	-41.23	-43.83	74.5	6.6	Valve Adjustment:No Change,Valve 100% open
OXHC2001	5/7/2024 13:55	58.3	38.7	0.2	2.8	-40.74	-40.49	-45.79	76.7	52.8	Valve Adjustment:No Change,Valve 100% open
OXHC2001	5/21/2024 14:21	54.0	36.5	0.4	9.1	-38.84	-39.20	-44.85	77.3	57.8	Valve Adjustment:No Change,Valve 100% open
OXHC2014	5/1/2024 13:09	55.0	38.2	0.2	6.6	-22.71	-22.38	-45.68	97.0	114.9	Valve Adjustment:No Change,Valve 100% open
OXHC2014	5/16/2024 15:45	54.9	37.4	0.0	7.7	-24.75	-24.69	-49.53	95.9	123.1	Valve Adjustment:No Change,Valve 100% open
OXHC2015	5/1/2024 13:49	52.0	36.2	0.1	11.7	-22.27	-22.24	-59.00	99.4	100.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXHC2015	5/16/2024 9:27	54.0	38.3	0.0	7.7	-24.65	-26.86	-67.36	63.6	110.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXHC2101	5/7/2024 13:34	47.3	35.2	1.4	16.1	-0.45	-0.45	-39.53	104.2	1.1	Valve Adjustment:No Change,Valve 5% open
OXHC2101	5/21/2024 14:02	40.5	28.1	2.3	29.1	-0.21	-0.20	-35.63	107.9	2.2	Valve Adjustment:No Change,Valve 5% open
OXHC2101	5/24/2024 7:53	33.6	27.7	3.5	35.2	-0.23	-0.22	-41.42	103.2	1.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXHC2101	5/24/2024 7:54	35.7	28.1	3.5	32.7	-0.23	-0.23	-41.63	102.3	3.6	Valve Adjustment:No Change
OXLCR13B	5/1/2024 13:58	37.0	34.3	0.1	28.6	-5.75	-5.11	-48.83	109.9	52.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXLCR13B	5/16/2024 9:36	48.1	35.0	0.1	16.8	-1.81	-1.79	-54.76	56.6	18.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXLCR4A1	5/1/2024 14:01	42.0	34.5	0.6	22.9	-44.37	-43.76	-48.57	77.9	73.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXLCR4A1	5/16/2024 9:39	51.2	37.2	0.0	11.6	-51.44	-52.28	-55.88	54.2	63.5	Valve Adjustment:No Change,Valve 35% open
OXLCR4B1	5/1/2024 14:15	32.7	27.6	1.8	37.9	-4.98	-4.73	-49.72	85.4	17.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXLCR4B1	5/1/2024 14:19	32.0	28.4	1.9	37.7	-3.97	-3.86	-49.93	88.1	12.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	5/29/2024 12:45	44.9	29.6	1.9	23.6	-1.45	-1.37	-43.53	87.3	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	5/7/2024 8:06	58.7	39.1	0.9	1.3	-0.12	-0.25	-46.66	62.9	4.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXLCRS07	5/21/2024 13:12	54.0	34.5	1.4	10.1	-0.09	-0.10	-41.89	81.8	5.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS10	5/7/2024 13:38	57.7	37.0	0.1	5.2	-39.94	-39.92	-40.12	92.7	18.4	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	5/21/2024 14:05	59.8	36.2	0.1	3.9	-38.31	-38.52	-38.42	93.1	37.2	Valve Adjustment:No Change,Valve 100% open
OXLCRS11	5/7/2024 13:41	53.2	36.3	0.7	9.8	-2.71	-2.72	-48.40	88.7	92.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXLCRS11	5/21/2024 14:08	41.0	31.5	2.8	24.7	-3.08	-2.56	-46.14	89.9	92.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXLCRS12	5/7/2024 13:29	57.9	40.2	0.0	1.9	-6.58	-6.51	-38.75	79.5	153.7	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	5/21/2024 14:32	59.6	34.2	0.1	6.1	-6.77	-6.74	-37.32	80.0	152.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	5/6/2024 15:11	61.1	38.8	0.1	0.0	-15.73	-36.59	-48.22	86.0	12.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXLCRS3A	5/6/2024 15:17	59.5	38.1	0.1	2.3	-46.13	-46.74	-47.93	86.1	12.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXLCRS3A	5/28/2024 14:13	57.2	40.0	0.1	2.7	-4.46	-4.39	-44.59	91.5	123.0	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	5/28/2024 14:37	56.5	43.4	0.1	0.0	-35.41	-33.81	-43.38	92.9	139.7	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	5/6/2024 15:14	60.4	39.6	0.0	0.0	-42.53	-46.42	-48.02	93.5	14.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXLCRS3B	5/28/2024 14:15	55.7	43.3	0.1	0.9	-1.57	-3.56	-44.42	92.7	124.1	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	5/28/2024 14:39	55.3	44.7	0.0	0.0	-35.83	-36.54	-44.24	92.7	162.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS7B	5/7/2024 8:04	55.2	40.2	0.2	4.4	-0.08	-0.13	-46.53	54.0	3.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS7B	5/21/2024 13:07	61.0	36.2	0.3	2.5	-0.06	-0.05	-41.98	77.3	5.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS7B	5/21/2024 13:10	55.6	34.0	1.2	9.2	-0.08	-0.08	-41.74	81.9	1.9	Valve Adjustment:No Change,Valve at minimum position
OXLCRS8A	5/1/2024 13:52	57.0	38.1	0.5	4.4	-6.15	-11.47	-54.93	103.8	59.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXLCRS8A	5/16/2024 9:32	57.4	38.5	0.0	4.1	-31.92	-42.12	-61.18	60.1	63.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXLCRS9A	5/1/2024 13:12	57.2	38.3	0.6	3.9	-43.25	-43.37	-44.52	89.7	18.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS9A	5/16/2024 15:43	56.3	39.7	0.8	3.2	-49.95	-49.99	-49.80	70.8	2.7	Valve Adjustment:No Change,Valve 100% open
OXLCRS9B	5/1/2024 13:16	58.4	37.8	0.2	3.6	-12.53	-17.60	-44.55	77.9	13.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXLCRS9B	5/16/2024 15:37	57.6	38.9	0.0	3.5	-32.06	-38.43	-50.21	73.8	15.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXLCRS9B	5/16/2024 15:40	57.6	39.6	0.1	2.7	-41.95	-46.01	-51.58	74.7	32.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXME302D	5/9/2024 9:07	60.0	38.7	0.1	1.2	-40.19	-40.41	-41.10	116.8	27.7	Valve Adjustment:No Change,Valve 100% open
OXME302D	5/24/2024 13:58	53.8	34.3	0.0	11.9	-44.65	-44.71	-46.24	116.9	31.9	Valve Adjustment:No Change,Valve 100% open
OXME306D	5/8/2024 13:20	49.7	32.6	0.1	17.6	-3.72	-3.71	-42.72	121.9	20.6	Valve Adjustment:No Change,Valve 30% open
OXME306D	5/17/2024 9:20	50.8	34.2	0.0	15.0	-2.93	-2.92	-38.33	121.7	18.9	Valve Adjustment:No Change,Valve 30% open
OXME312D	5/7/2024 8:52	32.3	35.7	0.3	31.7	-2.03	-2.03	-44.58	104.8	58.2	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	5/24/2024 14:49	48.6	37.1	0.3	14.0	-4.15	-4.15	-45.30	99.0	0.0	Valve Adjustment:No Change
OXME316D	5/6/2024 15:38	57.9	37.3	0.7	4.1	-41.92	-42.01	-44.04	127.5	38.3	Valve Adjustment:No Change,Valve 100% open
OXME316D	5/23/2024 8:41	56.2	40.2	0.0	3.6	-41.27	-41.40	-43.68	126.5	34.9	Valve Adjustment:NSPS,Valve 100% open
OXME317D	5/7/2024 9:13	57.6	39.6	0.8	2.0	-43.53	-43.51	-43.79	69.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	5/23/2024 8:45	54.2	39.8	0.9	5.1	-45.34	-44.65	-45.71	69.1	11.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	5/9/2024 9:46	48.3	40.1	0.6	11.0	-18.55	-14.76	-41.40	69.2	0.0	Valve Adjustment:No Change
OXMEW113	5/9/2024 9:55	40.5	36.2	0.8	22.5	-5.50	-5.37	-39.90	65.6	45.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW113	5/23/2024 15:40	58.7	38.6	0.3	2.4	-15.98	-16.91	-44.10	76.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	5/9/2024 12:39	36.1	23.7	9.2	31.0	-41.23	-40.63	-41.69	89.9	0.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXMEW122	5/9/2024 12:39	40.1	23.1	7.4	29.4	-41.04	-40.93	-41.37	89.8	10.8	Valve Adjustment:Closed valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW122	5/21/2024 8:22	44.9	33.6	3.1	18.4	-46.37	-46.34	-46.66	58.6	0.0	Valve Adjustment:No Change
OXMEW126	5/6/2024 16:36	50.2	36.3	0.4	13.1	-42.14	-42.16	-42.20	69.7	2.4	Valve Adjustment:No Change,Valve 100% open
OXMEW126	5/23/2024 15:15	51.4	37.8	0.6	10.2	-44.52	-44.61	-44.83	76.2	1.3	Valve Adjustment:No Change,Valve 100% open
OXMEW138	5/6/2024 15:21	48.4	35.9	0.1	15.6	-7.75	-7.75	-47.88	72.2	3.3	Valve Adjustment:No Change
OXMEW138	5/17/2024 11:14	51.2	37.4	0.1	11.3	-4.78	-4.76	-37.38	71.7	1.6	Valve Adjustment:No Change
OXMEW145	5/9/2024 9:39	59.3	38.2	0.1	2.4	-38.86	-38.86	-40.77	92.9	10.7	Valve Adjustment:No Change,Valve 100% open
OXMEW145	5/23/2024 15:37	57.3	36.5	0.1	6.1	-41.59	-41.44	-44.06	92.5	12.2	Valve Adjustment:No Change,Valve 100% open
OXMEW156	5/1/2024 15:31	58.3	33.6	3.1	5.0	-2.48	-2.48	-47.21	77.7	1.9	Valve Adjustment:No Change,Valve at minimum position
OXMEW156	5/25/2024 11:23	57.5	42.4	0.1	0.0	-0.08	-1.56	-51.97	56.3	0.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW158	5/6/2024 16:30	52.4	34.5	0.2	12.9	-47.47	-47.42	-49.01	66.7	2.4	Valve Adjustment:No Change,Valve 100% open
OXMEW158	5/23/2024 15:06	48.6	35.6	0.1	15.7	-44.65	-44.65	-45.59	70.8	2.0	Valve Adjustment:No Change,Valve 100% open
OXMEW159	5/6/2024 16:33	51.4	37.3	0.3	11.0	-42.49	-42.46	-46.56	67.3	6.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW159	5/23/2024 15:10	43.5	37.5	0.4	18.6	-42.44	-42.01	-45.69	71.4	5.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXMEW162	5/9/2024 10:58	55.2	38.4	1.5	4.9	-41.07	-41.14	-40.53	78.3	2.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW162	5/17/2024 14:05	26.8	18.7	4.4	50.1	-40.59	-36.31	-40.53	60.0	29.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW170	5/2/2024 9:29	57.5	20.9	3.8	17.8	-42.85	-42.44	-42.75	73.9	1.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXMEW170	5/21/2024 9:08	60.1	30.4	0.3	9.2	-47.20	-47.32	-47.30	68.4	0.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW173	5/1/2024 15:05	45.4	35.3	0.3	19.0	-8.44	-8.43	-46.17	101.2	34.8	Valve Adjustment:No Change
OXMEW173	5/16/2024 14:20	50.2	36.0	0.2	13.6	-5.73	-5.74	-37.50	99.4	21.2	Valve Adjustment:No Change
OXMEW173	5/16/2024 16:32	49.4	35.7	0.1	14.8	-5.86	-5.73	-42.73	99.8	21.9	Valve Adjustment:No Change
OXMEW174	5/1/2024 15:53	37.5	32.9	0.3	29.3	-19.29	-18.27	-46.68	68.2	8.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW174	5/16/2024 9:55	44.5	31.0	0.3	24.2	-14.25	-12.81	-43.29	61.0	7.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	5/1/2024 15:41	27.3	28.4	0.4	43.9	-36.59	-36.36	-46.95	74.7	7.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	5/16/2024 10:04	40.9	28.3	0.3	30.5	-28.88	-25.97	-41.99	70.5	7.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW181	5/9/2024 8:27	58.0	40.9	0.0	1.1	-1.54	-24.40	-42.19	98.7	26.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	5/9/2024 8:28	56.9	42.2	0.5	0.4	-24.39	-30.12	-39.94	113.4	83.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	5/23/2024 7:52	55.3	39.8	0.1	4.8	-4.30	-10.41	-45.92	111.0	5.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW182	5/3/2024 14:00	54.3	38.7	0.0	7.0	-33.12	-33.12	-35.55	118.2	34.2	Valve Adjustment:No Change,Valve 100% open
OXMEW182	5/24/2024 15:07	52.0	37.7	0.8	9.5	-42.57	-42.58	-45.04	118.1	43.8	Valve Adjustment:No Change,Valve 100% open
OXMEW183	5/8/2024 15:39	51.1	38.8	0.1	10.0	-4.93	-4.83	-40.36	114.9	42.5	Valve Adjustment:No Change
OXMEW183	5/25/2024 10:31	49.8	42.7	0.0	7.5	-6.29	-6.23	-47.64	114.1	37.7	Valve Adjustment:No Change
OXMEW184	5/8/2024 15:32	35.2	30.6	0.0	34.2	-1.70	-1.68	-40.95	115.4	41.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	5/25/2024 10:43	37.4	37.8	0.0	24.8	-1.99	-1.47	-44.60	118.6	40.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	5/8/2024 15:26	40.4	36.2	1.0	22.4	-0.92	-0.92	-41.21	113.1	0.0	Valve Adjustment:Closed valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW185	5/25/2024 10:55	33.8	34.7	0.6	30.9	-5.48	-3.66	-46.18	113.5	62.4	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXMEW186	5/3/2024 14:11	46.3	38.6	0.0	15.1	-2.34	-2.33	-40.33	119.3	12.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW186	5/3/2024 15:05	46.3	39.4	0.1	14.2	-2.10	-2.10	-39.73	119.2	9.4	Valve Adjustment:No Change,Valve 5% open
OXMEW186	5/24/2024 14:59	45.3	34.9	0.2	19.6	-3.88	-3.70	-45.41	117.2	14.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXMEW187	5/8/2024 14:58	54.7	38.1	0.1	7.1	-0.62	-0.94	-41.27	98.1	11.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW187	5/25/2024 10:14	42.0	40.6	0.0	17.4	-1.81	-1.63	-46.04	98.3	14.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	5/8/2024 14:42	52.3	38.3	0.1	9.3	-2.11	-2.16	-41.76	112.8	18.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW188	5/25/2024 9:41	44.0	40.0	0.0	16.0	-3.79	-3.74	-46.21	109.5	21.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	5/8/2024 14:32	49.4	37.2	2.4	11.0	-1.48	-1.46	-41.27	120.2	20.6	Valve Adjustment:No Change
OXMEW189	5/25/2024 9:46	45.8	37.8	3.3	13.1	-2.21	-2.00	-37.96	116.7	22.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW190	5/7/2024 8:48	52.2	38.1	0.2	9.5	-14.55	-15.61	-43.89	126.8	28.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXMEW190	5/24/2024 14:46	48.8	35.4	0.1	15.7	-20.93	-20.95	-44.81	126.3	27.1	Valve Adjustment:No Change,Valve 40% open
OXMEW191	5/1/2024 15:19	26.7	30.1	0.2	43.0	-34.46	-34.56	-48.21	118.8	38.4	Valve Adjustment:No Change
OXMEW191	5/16/2024 11:14	28.2	31.8	0.0	40.0	-29.81	-25.84	-43.72	118.7	37.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	5/1/2024 10:34	43.3	33.5	0.6	22.6	-35.18	-35.16	-49.89	85.8	11.8	Valve Adjustment:No Change,Valve 25% open
OXMEW192	5/16/2024 11:02	40.6	35.7	0.0	23.7	-35.29	-29.51	-55.24	86.1	13.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW194	5/6/2024 16:52	48.3	36.5	0.5	14.7	-41.05	-40.96	-41.49	80.9	0.0	Valve Adjustment:No Change
OXMEW194	5/23/2024 8:03	50.0	37.5	1.3	11.2	-48.03	-48.03	-48.14	80.5	14.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	5/7/2024 9:02	52.2	38.6	0.8	8.4	-7.48	-8.41	-45.20	99.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	5/24/2024 15:05	50.4	37.5	0.5	11.6	-22.11	-22.28	-46.38	111.3	91.6	Valve Adjustment:No Change
OXMEW199	5/3/2024 14:07	47.8	37.1	0.2	14.9	-9.21	-9.40	-28.20	125.1	46.8	Valve Adjustment:No Change
OXMEW199	5/24/2024 15:02	47.4	37.4	0.3	14.9	-15.18	-15.32	-44.40	124.2	76.7	Valve Adjustment:No Change
OXMEW200	5/8/2024 15:02	50.0	37.7	0.0	12.3	-0.48	-0.47	-42.34	110.5	12.1	Valve Adjustment:No Change
OXMEW200	5/25/2024 10:23	45.8	41.2	0.0	13.0	-0.97	-0.91	-46.15	108.9	31.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	5/8/2024 15:20	42.0	37.0	0.1	20.9	-0.52	-0.50	-42.30	95.1	8.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	5/25/2024 11:00	36.6	37.0	0.0	26.4	-1.01	-0.87	-46.61	89.6	12.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW203	5/8/2024 10:08	52.6	26.9	4.1	16.4	-42.43	-42.82	-43.24	74.6	4.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW203	5/17/2024 10:28	46.1	28.6	4.7	20.6	-38.56	-38.56	-39.12	65.3	5.4	Valve Adjustment:No Change
OXMEW204	5/8/2024 9:36	49.2	31.5	0.1	19.2	-2.92	-2.91	-43.67	80.2	8.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW204	5/17/2024 10:15	52.8	30.7	0.1	16.4	-2.69	-2.69	-36.66	69.1	9.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW205	5/8/2024 15:13	56.3	40.8	0.0	2.9	-0.02	-0.08	-42.47	115.0	12.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW205	5/25/2024 10:02	39.3	41.2	0.0	19.5	-0.90	-0.82	-46.65	128.8	3.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW209	5/7/2024 8:33	56.4	39.1	0.1	4.4	-35.66	-35.65	-45.18	133.5	67.8	Valve Adjustment:No Change,Valve 100% open
OXMEW209	5/24/2024 14:31	55.9	36.4	0.1	7.6	-37.21	-37.17	-45.47	133.2	62.1	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW210	5/8/2024 13:11	62.4	37.0	0.1	0.5	-41.27	-41.47	-42.49	121.2	7.3	Valve Adjustment:No Change,Valve 100% open
OXMEW210	5/8/2024 13:15	61.1	36.3	0.1	2.5	-40.40	-40.59	-42.66	120.9	32.7	Valve Adjustment:No Change,Valve 100% open
OXMEW210	5/17/2024 9:07	60.3	38.4	0.1	1.2	-36.38	-36.39	-38.48	120.8	31.0	Valve Adjustment:No Change,Valve 100% open
OXMEW300	5/8/2024 13:43	55.9	35.3	1.5	7.3	-42.40	-42.43	-42.52	102.1	21.3	Valve Adjustment:No Change,Valve 100% open
OXMEW300	5/24/2024 14:13	53.9	35.2	0.6	10.3	-46.64	-46.47	-46.73	100.6	27.1	Valve Adjustment:No Change,Valve 100% open
OXMEW302	5/9/2024 9:11	52.4	31.0	0.5	16.1	-3.39	-3.73	-40.49	74.4	11.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW302	5/24/2024 13:56	41.3	33.5	0.3	24.9	-5.26	-5.08	-46.22	95.9	29.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	5/8/2024 13:22	40.3	32.4	0.4	26.9	-3.50	-3.49	-43.61	97.1	34.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	5/17/2024 9:23	41.2	34.4	0.1	24.3	-2.77	-2.69	-38.97	88.8	8.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	5/9/2024 9:31	57.6	37.3	1.1	4.0	-40.21	-40.27	-40.88	89.8	2.6	Valve Adjustment:No Change,Valve 100% open
OXMEW307	5/23/2024 15:33	52.8	35.7	1.4	10.1	-43.30	-43.30	-43.64	84.6	5.5	Valve Adjustment:No Change,Valve 100% open
OXMEW309	5/8/2024 14:07	42.1	28.8	1.7	27.4	-6.43	-6.43	-42.59	78.1	23.6	Valve Adjustment:No Change
OXMEW309	5/24/2024 13:14	45.3	30.4	0.9	23.4	-8.08	-8.08	-46.13	54.9	34.8	Valve Adjustment:No Change
OXMEW310	5/3/2024 15:12	49.6	37.0	0.3	13.1	-6.61	-7.31	-37.42	111.6	26.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW310	5/24/2024 11:30	41.3	36.7	0.7	21.3	-14.71	-13.85	-43.89	110.4	13.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	5/8/2024 10:42	54.7	37.1	0.7	7.5	-41.94	-42.05	-42.22	117.1	27.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	5/17/2024 9:42	55.0	38.7	0.5	5.8	-37.91	-37.93	-38.47	117.5	26.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	5/7/2024 8:55	53.7	38.4	0.0	7.9	-2.41	-4.75	-44.66	87.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	5/24/2024 14:52	37.1	34.2	0.1	28.6	-8.82	-7.87	-44.85	97.2	11.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	5/7/2024 8:24	52.3	38.7	0.1	8.9	-41.64	-41.87	-44.30	119.7	30.8	Valve Adjustment:No Change,Valve 100% open
OXMEW315	5/24/2024 14:23	53.8	32.5	0.2	13.5	-44.26	-44.27	-45.60	119.1	20.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW316	5/6/2024 15:37	55.8	35.1	0.2	8.9	-43.19	-43.20	-46.40	115.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	5/23/2024 8:39	57.0	40.3	0.0	2.7	-42.96	-42.97	-45.98	113.7	9.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	5/7/2024 9:08	51.6	38.0	1.0	9.4	-43.70	-43.70	-44.27	66.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	5/7/2024 9:11	58.4	39.2	0.8	1.6	-44.18	-43.84	-44.34	93.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	5/23/2024 8:43	55.3	40.3	0.6	3.8	-45.14	-45.71	-45.36	95.0	13.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	5/3/2024 15:25	51.1	35.8	0.0	13.1	-4.14	-4.22	-35.57	108.0	13.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW318	5/23/2024 8:52	47.9	37.2	0.0	14.9	-5.43	-5.43	-46.58	108.6	15.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXMEW319	5/3/2024 13:52	49.1	38.9	0.5	11.5	-12.52	-12.52	-35.50	104.0	12.4	Valve Adjustment:No Change
OXMEW319	5/29/2024 13:30	46.1	34.2	0.8	18.9	-14.08	-13.87	-43.38	105.2	15.5	Valve Adjustment:No Change
OXMEW320	5/7/2024 9:34	55.9	41.6	0.7	1.8	-44.16	-44.24	-44.38	122.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	5/24/2024 10:26	49.6	37.9	0.4	12.1	-43.59	-43.51	-43.59	113.2	8.1	Valve Adjustment:No Change
OXMEW322	5/9/2024 8:00	59.6	38.7	0.0	1.7	-0.29	-37.06	-41.53	66.6	13.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW322	5/23/2024 8:36	57.4	40.1	0.0	2.5	-34.76	-34.76	-35.10	115.4	19.9	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW323	5/3/2024 12:18	58.3	38.9	0.1	2.7	-39.47	-39.23	-40.97	108.7	6.8	Valve Adjustment:No Change,Valve 100% open
OXMEW323	5/21/2024 17:35	56.4	33.4	0.2	10.0	-39.28	-39.55	-41.95	115.2	11.6	Valve Adjustment:No Change,Valve 100% open
OXMEW328	5/3/2024 11:33	55.0	34.5	1.1	9.4	-30.77	-31.12	-31.28	63.6	21.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	5/9/2024 10:26	53.3	37.7	0.7	8.3	-36.69	-36.72	-36.03	69.2		Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	5/23/2024 15:23	56.0	30.0	0.4	13.6	-44.90	-44.50	-44.96	87.3		Valve Adjustment:No Change,Valve 100% open
OXMEWW05	5/2/2024 12:12	52.8	35.9	1.5	9.8	-45.81	-45.76	-46.14	67.1	8.1	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	5/17/2024 12:41	54.3	36.2	1.5	8.0	-40.61	-40.55	-40.09	64.8	10.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	5/21/2024 11:06	56.3	38.8	0.1	4.8	-47.86	-48.08	-47.86	67.1	9.9	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	5/2/2024 12:18	53.6	37.3	1.6	7.5	-43.96	-43.97	-46.37	68.9	43.5	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	5/29/2024 9:22	55.6	32.9	0.4	11.1	-43.11	-42.96	-42.98	64.8	5.5	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	5/9/2024 11:45	54.7	23.5	1.8	20.0	-8.48	-8.54	-30.44	76.9	0.4	Valve Adjustment:No Change,Valve at minimum position
OXMEWW08	5/16/2024 10:51	47.7	39.1	0.1	13.1	-9.09	-9.26	-42.58	59.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OXMEWW18	5/1/2024 13:40	57.4	40.0	0.2	2.4	-42.51	-42.54	-43.39	81.1	1.8	Valve Adjustment:No Change,Valve 100% open
OXMEWW1G	5/2/2024 12:02	50.3	34.3	1.5	13.9	-42.88	-42.88	-45.40	74.9	5.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEWW1G	5/21/2024 10:57	58.6	37.4	0.1	3.9	-44.93	-44.94	-47.37	75.3	5.1	Valve Adjustment:No Change,Valve 100% open
OXMEWW1G	5/21/2024 11:01	57.6	38.0	0.1	4.3	-46.83	-46.84	-47.61	75.0	5.4	Valve Adjustment:No Change,Valve 100% open
OXMEWW1S	5/14/2024 9:30	55.5	34.8	0.5	9.2	-13.38	-13.38	-23.69	59.6	17.7	Valve Adjustment:No Change
OXMEWW1S	5/17/2024 12:31	61.5	33.5	0.5	4.5	-21.55	-21.55	-39.91	63.8	22.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	5/9/2024 12:48	56.2	30.5	0.7	12.6	-44.50	-44.59	-45.02	85.2	3.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	5/23/2024 16:10	54.4	33.9	2.6	9.1	-46.62	-46.84	-47.78	84.7	66.4	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	5/9/2024 12:51	57.9	36.7	0.1	5.3	-36.56	-37.11	-44.94	92.0	0.0	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	5/23/2024 16:08	53.4	29.6	2.6	14.4	-47.78	-47.78	-48.15	74.6	8.0	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	5/2/2024 11:15	53.3	34.3	1.9	10.5	-48.05	-48.21	-48.02	72.6	8.5	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	5/21/2024 9:33	57.8	39.8	0.2	2.2	-50.01	-50.29	-50.09	68.5	2.3	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	5/2/2024 11:48	54.6	35.4	1.8	8.2	-48.05	-48.05	-48.19	71.3	6.0	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	5/21/2024 10:21	57.1	41.1	0.0	1.8	-50.01	-49.90	-50.01	71.2	3.8	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	5/1/2024 15:50	56.0	35.8	0.3	7.9	-46.63	-46.66	-46.79	78.7	0.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXMPEW32	5/16/2024 10:15	57.7	39.7	0.0	2.6	-42.28	-41.53	-42.67	55.7	1.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW33	5/1/2024 10:45	46.7	35.6	0.2	17.5	-12.85	-14.18	-50.79	77.7	13.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMPEW33	5/29/2024 11:46	47.9	35.6	0.1	16.4	-13.35	-13.19	-45.03	79.5	15.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
<b>OXMPEW35</b>	5/2/2024 11:26	46.9	34.1	2.5	16.5	-44.55	-44.67	-44.92	117.7	19.3	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXMPEW35</b>	5/21/2024 9:54	49.5	39.2	1.0	10.3	-45.30	-45.96	-45.73	117.8	23.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW44	5/6/2024 17:17	47.1	35.8	3.8	13.3	-49.39	-49.39	-49.72	64.8	14.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	5/17/2024 12:47	50.9	34.5	2.8	11.8	-40.61	-40.64	-40.22	66.1	3.1	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - May 1, 2, 3, 6, 7, 8, 9, 14, 16, 17, 20, 21, 23, 24, 25, 28, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXSS2032	5/7/2024 13:24	57.4	36.9	0.1	5.6	-11.41	-14.81	-41.37	76.0	70.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXSS2032	5/21/2024 14:37	51.7	37.7	0.0	10.6	-17.68	-18.09	-36.36	77.3	92.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXSS2033	5/7/2024 13:52	60.3	39.2	0.3	0.2	-38.12	-38.13	-43.12	93.8	31.2	Valve Adjustment:No Change,Valve 100% open
OXSS2033	5/21/2024 14:17	58.7	37.2	0.5	3.6	-34.37	-34.46	-41.80	102.2	45.3	Valve Adjustment:No Change,Valve 100% open
OXSS2034	5/7/2024 13:49	52.8	38.1	0.2	8.9	-40.07	-40.09	-40.22	93.6	4.0	Valve Adjustment:No Change,Valve 100% open
OXSS2034	5/21/2024 14:13	56.5	35.4	0.1	8.0	-39.94	-39.69	-40.17	101.3	8.3	Valve Adjustment:No Change,Valve 100% open
OXSS2215	5/7/2024 10:30	47.0	34.0	2.7	16.3	-0.16	-0.21	-37.79	75.6	7.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXSS2215	5/24/2024 9:40	57.4	40.0	2.6	0.0	-0.03	-0.06	-38.40	65.3	6.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2215	5/29/2024 8:21	45.7	33.9	3.0	17.4	-0.05	-0.06	-36.05	81.1	6.9	Valve Adjustment:No Change,Valve at minimum position
OXSS2216	5/1/2024 13:21	57.2	37.7	0.3	4.8	-12.85	-16.93	-42.62	69.6	27.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXSS2216	5/16/2024 14:46	55.9	36.1	0.5	7.5	-18.18	-19.85	-42.55	70.0	33.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXSS2216	5/16/2024 14:49	55.6	36.8	0.6	7.0	-22.88	-27.62	-42.44	70.7	41.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open

<sup>1</sup> - Oxygen is only required to be monitored per NESHAP Subpart AAAA and high percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are highlighted for reporting purposes only.

**Italic** = HOV/LTCO approval from BAAQMD

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

\*\*Well OXEWHC6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk.. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

≤140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii)
OXEW1618, OXMEW205, OXMEW209, OXMPEW35

≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, <del>OXLCRS04</del> , OXLCRS4A, OXLCRS4B, <del>OXLCRS05</del> , <del>OXLCRS06</del> , OXLCRS07, <del>OXMEWHC6</del> , <del>OXMTBTC1</del> , <del>OXMEWH17</del> , and <del>OXMHCF06</del> .

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, <del>OXLCRS04</del> , OXLCRS4A, OXLCRS4B, <del>OXLCRS05</del> , <del>OXLCRS06</del> , and OXLCRS07.

\*Wells that have been decommissioned are noted with a strikethrough.

Total Number of Active Wells	227
Total Number of Well Readings	488
Total Number of Readings NOT Collected	0

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMLEW101	6/6/2024 7:57	36.5	31.6	1.8	30.1	-17.28	-14.85	-37.24	99.6	31.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OMLEW101	6/26/2024 13:14	42.5	33.6	1.4	22.5	-10.48	-9.81	-28.59	96.2	25.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OMLEW104	6/6/2024 13:21	39.4	33.0	2.2	25.4	-48.92	-48.82	-50.28	81.5	45.7	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW104	6/26/2024 15:49	45.5	34.8	2.8	16.9	-43.93	-44.27	-45.52	83.3	43.7	Valve Adjustment:No Change
OMLFEW59	6/4/2024 11:33	40.0	34.8	0.0	25.2	-3.14	-2.55	-36.87	107.4	24.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OMLFEW59	6/26/2024 14:03	54.9	37.1	0.1	7.9	-0.98	-0.99	-27.95	105.5	6.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OMLFEW72	6/6/2024 13:44	44.8	34.1	0.0	21.1	-1.86	-2.19	-49.64	71.9	6.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMLFEW72	6/6/2024 13:54	44.9	35.5	0.0	19.6	-3.24	-3.24	-48.95	70.4	9.6	Valve Adjustment:No Change,Valve at minimum position
OMLFEW72	6/19/2024 15:36	42.7	35.6	0.0	21.7	-10.96	-10.94	-40.64	73.1	8.8	Valve Adjustment:No Change,Valve at minimum position
OMLFEW99	6/4/2024 11:02	57.9	37.9	0.1	4.1	-0.20	-0.53	-47.68	72.8	7.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMLFEW99	6/26/2024 14:23	49.3	35.0	0.0	15.7	-0.73	-0.71	-47.11	67.2	11.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS01	6/6/2024 14:19	23.6	24.4	8.3	43.7	-0.42	-0.40	-47.33	79.8	7.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS01	6/19/2024 13:44	15.2	19.0	10.8	55.0	-0.30	-0.29	-41.12	82.2	5.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	6/6/2024 15:08	43.2	29.6	1.5	25.7	-0.27	-0.27	-47.30	73.4	6.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	6/19/2024 13:32	35.8	23.8	2.0	38.4	-0.37	-0.37	-42.29	71.2	6.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	6/6/2024 15:03	30.1	21.2	6.0	42.7	-0.19	-0.19	-47.40	73.9	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	6/19/2024 13:28	37.2	29.4	11.4	22.0	-0.30	-0.30	-41.98	68.4	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	6/12/2024 9:42	15.2	14.1	3.2	67.5	-0.38	-0.37	-46.30	69.2	8.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	6/18/2024 15:31	25.7	24.9	0.2	49.2	-0.21	-0.20	-37.20	79.5	4.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	6/12/2024 9:45	25.0	24.1	0.5	50.4	-0.38	-0.36	-43.59	66.6	3.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	6/18/2024 15:28	12.9	13.7	12.2	61.2	-0.22	-0.22	-36.82	73.3	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	6/12/2024 9:49	7.2	11.9	14.5	66.4	-0.60	-0.33	-46.36	65.3	0.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	6/18/2024 15:21	21.7	27.5	13.1	37.7	-0.16	-0.16	-36.84	74.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	6/12/2024 10:07	24.8	20.2	9.6	45.4	-0.32	-0.31	-53.13	59.7	0.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	6/18/2024 15:07	48.1	32.3	3.8	15.8	-0.09	-0.07	-29.23	70.5	0.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	6/13/2024 8:05	25.7	24.5	12.0	37.8	-0.23	-0.25	-0.30	50.7	1.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OMTLTS08	6/19/2024 7:12	39.8	30.8	13.0	16.4	-0.28	-0.30	-0.33	52.7	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	6/12/2024 10:17	45.1	32.7	1.1	21.1	-0.98	-0.96	-41.01	78.8	8.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	6/18/2024 14:59	32.2	23.7	0.4	43.7	-0.44	-0.45	-38.03	83.1	8.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	6/12/2024 10:25	8.4	14.3	13.5	63.8	-0.98	-0.52	-41.95	75.4	7.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	6/19/2024 8:36	48.0	30.2	11.3	10.5	-0.42	-0.42	-41.84	60.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	6/12/2024 11:04	1.4	1.3	19.5	77.8	-0.47	-0.43	-46.06	68.0	1.0	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	6/12/2024 11:06	0.0	0.3	21.1	78.6	-0.42	-0.38	-46.96	65.3	0.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	6/18/2024 16:26	49.1	31.0	12.6	7.3	-0.20	-0.19	-35.65	67.5	0.2	Valve Adjustment:No Change,Valve at minimum position

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMTLTS12	6/11/2024 15:08	39.2	32.2	12.0	16.6	-0.30	-0.29	-47.22	85.5	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	6/19/2024 8:29	30.3	26.7	4.4	38.6	-0.24	-0.24	-40.95	58.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	6/12/2024 12:06	2.9	2.3	11.2	83.6	-0.42	-0.42	-49.52	93.6	4.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	6/19/2024 8:24	34.1	28.8	4.5	32.6	-0.38	-0.37	-42.94	81.6	4.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	6/12/2024 12:10	7.3	3.2	8.7	80.8	-0.49	-0.39	-41.88	67.7	1.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	6/19/2024 8:19	45.2	33.4	3.3	18.1	-0.33	-0.33	-34.97	63.0	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	6/12/2024 12:14	38.4	28.9	1.5	31.2	-0.70	-0.38	-49.41	75.2	10.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	6/26/2024 10:10	49.5	30.1	2.9	17.5	-0.34	-0.34	-43.92	64.5	1.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	6/7/2024 8:13	44.3	30.4	5.2	20.1	-1.02	-1.03	-47.07	63.3	7.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	6/19/2024 8:42	44.7	26.0	3.6	25.7	-0.38	-0.38	-42.19	65.7	7.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS19	6/7/2024 8:21	34.7	27.2	8.1	30.0	-1.16	-0.71	-46.90	70.7	2.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS19	6/19/2024 8:45	38.6	31.2	7.2	23.0	-0.14	-0.15	-41.55	67.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	6/7/2024 8:33	25.2	20.4	7.5	46.9	-0.88	-0.41	-47.77	73.8	29.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	6/19/2024 8:52	47.9	33.8	0.6	17.7	-0.19	-0.19	-42.66	71.4	5.2	Valve Adjustment:No Change,Valve at minimum position
OXE2022R	6/13/2024 9:43	51.1	39.3	1.1	8.5	-40.57	-40.55	-43.91	65.8	2.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXE2022R	6/19/2024 10:42	52.1	39.0	1.0	7.9	-36.72	-36.85	-40.04	83.8	1.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW133B	6/6/2024 14:59	44.3	25.7	4.5	25.5	-41.93	-41.78	-46.73	109.6	82.7	Valve Adjustment:No Change
OXEW133B	6/19/2024 13:26	42.1	31.4	3.3	23.2	-37.31	-37.17	-41.76	108.8	79.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	6/6/2024 14:57	51.5	28.2	2.6	17.7	-6.09	-6.72	-46.99	88.4	35.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW134A	6/19/2024 13:23	46.9	34.1	1.6	17.4	-8.26	-8.04	-41.84	79.3	29.8	Valve Adjustment:No Change
OXEW134B	6/6/2024 14:54	52.6	29.3	0.9	17.2	-4.68	-7.16	-47.16	80.9	21.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW134B	6/19/2024 13:21	46.9	35.3	0.9	16.9	-7.39	-6.60	-40.05	79.9	61.2	Valve Adjustment:No Change
OXEW137B	6/12/2024 10:00	55.5	43.9	0.6	0.0	-42.03	-43.37	-42.37	74.3	33.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW137B	6/18/2024 15:18	55.1	44.5	0.4	0.0	-33.46	-34.33	-34.06	78.2	0.0	Valve Adjustment:No Change
OXEW1601	6/12/2024 15:18	42.3	34.9	1.6	21.2	-21.35	-21.09	-43.62	125.8	54.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1601	6/24/2024 17:34	61.7	36.9	0.1	1.3	-1.08	-2.79	-1.26	106.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1601	6/26/2024 17:27	60.1	35.1	0.3	4.5	-4.26	-6.19	-44.32	81.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1601	6/27/2024 8:58	60.4	39.6	0.0	0.0	-9.40	-15.53	-43.87	78.1	52.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW1602	6/12/2024 15:43	58.4	41.6	0.0	0.0	-9.81	-9.56	-21.95	126.7	120.3	Valve Adjustment:No Change,Valve 100% open
OXEW1602	6/26/2024 17:32	61.6	38.4	0.0	0.0	-0.26	-3.60	-44.76	87.5	28.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1602	6/27/2024 9:16	57.8	42.0	0.1	0.1	-33.51	-35.18	-43.98	79.6	21.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1603	6/12/2024 14:03	58.1	41.9	0.0	0.0	-46.18	-47.01	-46.82	106.4	11.9	Valve Adjustment:No Change,Valve 100% open
OXEW1603	6/24/2024 16:15	56.6	37.3	0.1	6.0	-43.93	-43.59	-44.44	109.2	12.9	Valve Adjustment:No Change,Valve 100% open
OXEW1604	6/12/2024 13:53	37.8	33.8	2.9	25.5	-15.97	-13.53	-43.80	124.8	256.0	Valve Adjustment:Closed valve 1/2 turn or less

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1604	6/24/2024 16:23	53.1	38.5	0.5	7.9	-6.89	-6.95	-43.64	123.1	81.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1611	6/7/2024 14:09	45.2	31.5	4.9	18.4	-34.50	-34.67	-41.67	62.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	6/12/2024 13:20	52.3	38.1	2.2	7.4	-37.14	-41.08	-41.39	63.9	1.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1611	6/26/2024 10:51	54.3	33.1	3.2	9.4	-41.65	-41.65	-41.66	63.5	0.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1612	6/12/2024 15:37	57.3	40.6	0.1	2.0	-23.04	-23.12	-23.37	118.6	16.4	Valve Adjustment:No Change,Valve 100% open
OXEW1612	6/24/2024 16:44	54.4	36.1	1.5	8.0	-46.68	-46.68	-46.89	123.9	19.5	
OXEW1613	6/12/2024 13:48	54.1	40.6	0.3	5.0	-43.60	-43.66	-48.52	125.1	55.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1613	6/24/2024 16:27	53.2	39.9	0.6	6.3	-0.87	-0.89	-46.36	120.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	6/12/2024 15:59	47.4	38.8	0.0	13.8	-2.45	-2.39	-44.44	113.8	21.9	Valve Adjustment:No Change
OXEW1614	6/24/2024 15:50	51.2	39.5	0.3	9.0	-1.71	-1.73	-46.55	114.6	35.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	6/13/2024 9:24	50.0	40.2	0.8	9.0	-37.49	-37.67	-39.60	113.7	21.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	6/15/2024 12:54	51.0	45.3	0.0	3.7	-24.88	-24.74	-26.36	114.6	16.1	Valve Adjustment:No Change,Valve 100% open
OXEW1617	6/6/2024 11:32	42.8	36.3	0.0	20.9	-6.79	-6.77	-47.05	130.3	18.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1617	6/19/2024 10:13	49.9	35.9	0.3	13.9	-4.59	-4.58	-41.25	130.1	17.9	Valve Adjustment:No Change,Valve 20% open
<b>OXEW1618</b>	6/12/2024 15:55	45.5	38.3	0.5	15.7	-4.17	-3.91	-49.36	129.5	25.4	Valve Adjustment:Closed valve 1/2 turn or less
<b>OXEW1618</b>	6/24/2024 15:54	49.6	39.6	0.1	10.7	-3.35	-3.35	-46.19	129.6	25.2	Valve Adjustment:No Change,Valve 30% open
OXEW1619	6/12/2024 8:56	60.3	36.6	0.1	3.0	-46.35	-46.38	-46.53	110.3	11.1	Valve Adjustment:No Change,Valve 100% open
OXEW1619	6/18/2024 15:56	59.6	39.1	0.3	1.0	-37.26	-37.21	-37.70	111.7	11.3	Valve Adjustment:No Change,Valve 100% open
OXEW1620	6/12/2024 8:46	47.3	35.2	0.1	17.4	-39.28	-36.28	-46.91	101.5	4.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1620	6/18/2024 16:10	6.2	6.9	3.2	83.7	-29.32	-19.47	-37.49	91.3	20.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1621	6/12/2024 16:57	44.5	35.4	0.2	19.9	-1.57	-1.51	-29.28	115.0	20.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	6/19/2024 12:56	47.8	37.9	0.3	14.0	-1.90	-1.89	-41.74	120.1	12.5	Valve Adjustment:No Change
OXEW1622	6/12/2024 9:07	48.1	37.3	3.6	11.0	-39.66	-39.76	-45.81	114.8	39.0	Valve Adjustment:No Change
OXEW1622	6/26/2024 10:30	59.4	34.8	2.6	3.2	-39.96	-39.93	-39.13	114.7	41.8	Valve Adjustment:No Change
OXEW1701	6/13/2024 8:22	50.4	37.5	0.6	11.5	-39.24	-39.37	-40.27	117.9	23.5	Valve Adjustment:No Change,Valve 100% open
OXEW1701	6/19/2024 10:33	55.5	39.5	0.0	5.0	-36.04	-35.18	-36.36	118.7	16.6	Valve Adjustment:No Change,Valve 100% open
OXEW1702	6/13/2024 9:55	53.8	39.0	0.0	7.2	-36.26	-36.58	-38.77	123.9	40.1	Valve Adjustment:No Change,Opened valve 1/2 turn or less
OXEW1702	6/15/2024 13:10	55.5	44.5	0.0	0.0	-21.98	-21.87	-24.45	123.6	34.2	Valve Adjustment:No Change,Valve 100% open
OXEW1703	6/13/2024 9:46	57.3	38.3	0.1	4.3	-37.74	-37.44	-37.38	64.4	0.4	Valve Adjustment:No Change,Valve 100% open
OXEW1703	6/15/2024 13:16	53.6	46.4	0.0	0.0	-21.33	-21.50	-21.44	78.6	3.9	Valve Adjustment:No Change,Valve 100% open
OXEW1705	6/7/2024 14:48	58.4	38.8	0.1	2.7	-40.25	-40.25	-41.38	58.8	7.8	Valve Adjustment:No Change,Valve 100% open
OXEW1705	6/15/2024 12:39	54.8	45.2	0.0	0.0	-23.71	-23.55	-24.94	112.7	20.8	Valve Adjustment:No Change,Valve 100% open
OXEW1716	6/4/2024 11:27	56.1	40.5	0.0	3.4	-38.63	-38.52	-40.34	93.8	19.3	Valve Adjustment:No Change,Valve 100% open
OXEW1716	6/25/2024 13:45	58.1	40.3	0.0	1.6	-39.26	-39.20	-41.66	90.5	19.9	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1717	6/4/2024 10:32	61.8	33.8	0.6	3.8	-47.48	-47.70	-47.16	77.8	0.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW1717	6/26/2024 14:50	56.8	38.5	0.2	4.5	-0.23	-0.29	-46.75	79.2	0.8	Valve Adjustment:No Change
OXEW1801	6/12/2024 16:20	42.4	37.4	0.0	20.2	-19.02	-15.98	-42.35	116.9	27.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1801	6/24/2024 15:38	54.4	38.9	0.1	6.6	-2.75	-3.58	-37.51	125.3	9.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1804	6/12/2024 15:50	57.7	41.8	0.2	0.3	-47.35	-47.40	-49.49	117.9	23.0	Valve Adjustment:No Change,Valve 100% open
OXEW1804	6/24/2024 15:59	52.4	40.4	0.1	7.1	-45.48	-45.39	-47.32	121.1	17.2	Valve Adjustment:No Change,Valve 100% open
OXEW1805	6/12/2024 15:47	58.0	42.0	0.0	0.0	-47.35	-47.37	-49.66	110.1	15.9	Valve Adjustment:No Change,Valve 100% open
OXEW1805	6/24/2024 16:03	56.4	40.8	0.1	2.7	-45.29	-45.37	-47.02	113.4	15.6	Valve Adjustment:No Change,Valve 100% open
OXEW1806	6/12/2024 16:36	49.7	36.4	0.0	13.9	-0.23	-0.23	-40.96	118.6	10.5	Valve Adjustment:No Change,Valve 10% open
OXEW1806	6/19/2024 11:47	58.0	37.5	0.1	4.4	-0.33	-0.36	-42.39	119.2	12.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1807	6/13/2024 9:32	52.8	39.5	0.0	7.7	-35.52	-36.24	-46.42	130.3	36.7	
OXEW1807	6/19/2024 10:50	52.5	39.5	0.2	7.8	-33.53	-33.49	-41.46	130.4	35.2	Valve Adjustment:No Change,Valve 50% open
OXEW1809	6/12/2024 15:26	59.9	40.0	0.1	0.0	-37.55	-37.24	-39.05	99.3	18.1	Valve Adjustment:No Change,Valve 100% open
OXEW1810	6/4/2024 13:47	51.0	32.0	0.7	16.3	-44.44	-44.17	-44.86	82.4	2.4	Valve Adjustment:No Change,Valve 100% open
OXEW1810	6/17/2024 15:01	52.3	27.4	0.7	19.6	-40.90	-40.90	-41.12	79.9	1.7	Valve Adjustment:No Change,Valve 100% open
OXEW1811	6/6/2024 10:39	49.9	37.1	2.6	10.4	-20.47	-21.24	-49.28	71.8	16.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1811	6/6/2024 10:44	50.6	37.9	2.3	9.2	-27.34	-30.85	-48.75	72.3	20.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1811	6/24/2024 15:10	47.0	34.7	3.6	14.7	-33.70	-33.70	-44.70	103.2	17.8	Valve Adjustment:No Change,Valve 30% open
OXEW1812	6/6/2024 9:38	51.0	40.0	0.4	8.6	-35.61	-36.80	-43.39	123.5	41.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 75% open
OXEW1812	6/24/2024 14:50	53.0	37.3	0.4	9.3	-35.93	-36.37	-41.35	124.0	39.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
OXEW1813	6/13/2024 9:20	57.5	41.2	0.0	1.3	-41.78	-41.78	-43.72	99.6	10.4	Valve Adjustment:No Change,Valve 100% open
OXEW1813	6/15/2024 12:58	53.7	46.3	0.0	0.0	-25.59	-25.60	-27.11	102.8	31.0	Valve Adjustment:No Change,Valve 100% open
OXEW1815	6/12/2024 14:35	46.8	35.7	0.0	17.5	-8.06	-7.71	-49.25	122.0	12.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1815	6/19/2024 9:32	54.0	38.0	0.0	8.0	-6.06	-6.08	-41.82	122.1	10.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1816	6/13/2024 9:59	55.0	39.7	0.3	5.0	-23.85	-23.82	-39.10	121.0	95.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1816	6/15/2024 12:23	55.1	42.9	0.0	2.0	-15.54	-15.70	-24.33	122.0	74.2	Valve Adjustment:No Change,Valve 100% open
OXEW1817	6/7/2024 13:13	63.6	36.2	0.2	0.0	-40.60	-40.86	-41.30	115.5	6.4	Valve Adjustment:No Change,Valve 100% open
OXEW1817	6/7/2024 13:18	58.3	36.9	0.1	4.7	-41.75	-41.95	-41.92	115.6	10.7	Valve Adjustment:No Change,Valve 100% open
OXEW1817	6/15/2024 12:19	55.1	44.9	0.0	0.0	-24.23	-25.05	-24.37	118.1	6.0	Valve Adjustment:No Change,Valve 100% open
OXEW1821	6/4/2024 14:28	8.3	13.9	0.6	77.2	-0.22	-0.18	-43.90	85.7	0.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	6/17/2024 14:12	11.4	16.5	0.3	71.8	-0.17	-0.17	-41.14	79.3	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	6/4/2024 14:42	9.3	17.0	0.0	73.7	-18.56	-14.88	-43.98	86.6	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	6/17/2024 14:05	8.1	16.4	0.0	75.5	-0.06	-0.05	-41.20	79.0	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	6/4/2024 14:13	6.4	15.8	0.0	77.8	-0.49	-0.48	-43.98	85.3	0.1	Valve Adjustment:No Change,Valve at minimum position

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1823	6/17/2024 14:03	10.4	15.5	0.1	74.0	-0.06	-0.04	-41.05	82.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	6/4/2024 13:50	60.9	32.2	0.1	6.8	-44.27	-44.13	-44.57	89.9	1.2	Valve Adjustment:No Change,Valve 100% open
OXEW1824	6/17/2024 14:47	65.2	34.0	0.0	0.8	-40.89	-40.76	-41.09	84.5	2.2	Valve Adjustment:No Change,Valve 100% open
OXEW1825	6/4/2024 12:56	34.0	27.8	2.3	35.9	-11.81	-6.42	-44.45	82.0	1.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1825	6/17/2024 15:05	48.7	33.2	0.3	17.8	-1.10	-1.06	-40.90	80.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	6/6/2024 9:46	41.0	34.9	0.1	24.0	-14.36	-14.46	-50.88	83.8	2.8	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	6/26/2024 12:52	28.1	23.4	1.8	46.7	-10.82	-9.11	-44.51	84.3	3.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	6/12/2024 8:27	60.4	39.5	0.1	0.0	-46.75	-46.72	-46.50	72.3	7.9	Valve Adjustment:NSPS,Valve 100% open
OXEW1901	6/26/2024 10:20	56.5	34.7	1.4	7.4	-44.98	-44.81	-44.76	71.1	7.8	Valve Adjustment:No Change,Valve 100% open
OXEW1902	6/13/2024 9:52	48.5	38.2	0.0	13.3	-4.11	-4.17	-40.59	71.6	12.7	Valve Adjustment:No Change,Valve 10% open
OXEW1902	6/19/2024 10:38	52.2	37.1	0.0	10.7	-3.62	-3.63	-36.33	79.4	12.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1904	6/13/2024 9:39	51.6	38.7	0.2	9.5	-24.51	-27.54	-42.01	102.9	58.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXEW1904	6/19/2024 10:45	50.6	38.7	0.2	10.5	-25.18	-25.20	-35.78	113.7	59.6	Valve Adjustment:No Change,Valve 70% open
OXEW1908	6/7/2024 14:20	55.1	36.8	0.1	8.0	-39.01	-39.01	-41.40	105.5	64.8	Valve Adjustment:No Change,Valve 100% open
OXEW1908	6/15/2024 11:31	55.0	45.0	0.0	0.0	-23.85	-23.55	-25.48	105.9	50.0	Valve Adjustment:No Change,Valve 100% open
OXEW1909	6/12/2024 14:22	58.6	41.4	0.0	0.0	-42.03	-42.79	-45.75	101.4	43.3	Valve Adjustment:No Change,Valve 100% open
OXEW1909	6/15/2024 11:42	55.1	44.9	0.0	0.0	-22.56	-22.91	-25.05	102.9	37.1	Valve Adjustment:No Change,Valve 100% open
OXEW1910	6/12/2024 14:17	41.3	34.6	3.0	21.1	-7.52	-6.42	-47.12	123.0	53.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1910	6/24/2024 12:25	42.7	33.9	2.6	20.8	-4.97	-4.08	-41.94	124.8	53.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1912	6/12/2024 15:34	58.1	41.9	0.0	0.0	-17.82	-17.70	-20.03	123.3	33.7	Valve Adjustment:No Change,Valve 100% open
OXEW1912	6/26/2024 9:19	60.3	35.7	0.1	3.9	-1.90	-9.74	-44.64	60.7	2.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1912	6/27/2024 8:40	50.1	38.7	0.1	11.1	-9.05	-10.11	-45.88	74.3	2.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1913	6/6/2024 9:22	16.7	23.9	1.9	57.5	-0.63	-0.44	-46.46	100.6	42.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1913	6/24/2024 14:41	24.2	28.8	0.1	46.9	-0.52	-0.37	-45.74	96.1	36.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1914	6/6/2024 10:14	55.5	37.0	0.2	7.3	-34.47	-34.38	-34.29	83.7	10.7	Valve Adjustment:No Change,Valve 100% open
OXEW1914	6/24/2024 14:32	60.5	38.6	0.1	0.8	-44.20	-44.65	-44.19	87.1	6.4	Valve Adjustment:No Change,Valve 100% open
OXEW1915	6/4/2024 8:47	41.2	34.3	0.3	24.2	-4.86	-1.91	-49.30	70.7	9.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1915	6/26/2024 14:37	58.7	37.1	0.4	3.8	-0.99	-1.34	-46.98	73.4	4.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1915	6/26/2024 14:38	57.8	38.7	0.4	3.1	-1.58	-1.58	-45.97	74.5	5.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1916	6/5/2024 8:17	48.7	30.4	4.1	16.8	-49.07	-49.09	-49.15	84.9	1.5	Valve Adjustment:No Change,Valve 100% open
OXEW1916	6/26/2024 13:46	56.3	35.5	0.8	7.4	-44.41	-44.31	-44.38	69.5	0.9	Valve Adjustment:No Change,Valve 100% open
OXEW1917	6/5/2024 8:31	58.7	37.9	0.3	3.1	-25.77	-42.96	-49.08	82.4	3.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1917	6/5/2024 8:40	58.0	40.5	0.2	1.3	-46.07	-48.01	-48.22	80.6	4.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1917	6/25/2024 14:59	52.4	38.1	0.1	9.4	-41.86	-41.90	-42.06	78.9	8.1	Valve Adjustment:No Change,Valve 50% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1919	6/4/2024 14:20	48.4	32.0	0.0	19.6	-2.44	-4.98	-44.26	81.5	1.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1919	6/17/2024 14:08	35.6	28.5	0.0	35.9	-9.14	-9.13	-41.25	73.5	4.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	6/4/2024 14:35	18.1	18.2	1.8	61.9	-4.55	-1.88	-43.83	77.3	6.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	6/17/2024 14:15	17.6	18.9	0.3	63.2	-1.65	-1.65	-40.94	74.1	1.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	6/4/2024 14:55	45.2	34.5	0.1	20.2	-39.31	-39.39	-43.42	106.0	26.4	Valve Adjustment:No Change
OXEW1921	6/17/2024 14:28	54.8	37.2	0.2	7.8	-35.96	-35.89	-40.83	107.9	30.8	Valve Adjustment:No Change,Valve 100% open
OXEW1921	6/17/2024 14:31	54.4	38.0	0.2	7.4	-38.90	-38.90	-40.64	108.4	33.5	Valve Adjustment:No Change,Valve 100% open
OXEW2001	6/5/2024 9:40	38.2	33.8	0.1	27.9	-1.91	-1.90	-47.29	125.3	11.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2001	6/25/2024 14:01	36.9	33.7	0.7	28.7	-2.16	-2.15	-39.80	126.2	11.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2002	6/4/2024 9:34	52.6	39.1	0.2	8.1	-47.02	-47.05	-47.93	116.4	70.6	Valve Adjustment:No Change,Valve 100% open
OXEW2002	6/26/2024 14:12	54.8	37.3	0.0	7.9	-18.96	-19.30	-46.65	121.1	62.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2003	6/4/2024 10:39	59.2	35.9	0.1	4.8	-47.99	-47.36	-47.69	88.5	2.6	Valve Adjustment:No Change,Valve at minimum position,Valve 100% open
OXEW2003	6/4/2024 10:53	57.3	37.6	0.0	5.1	-47.38	-47.47	-46.96	91.3	7.9	Valve Adjustment:No Change,Valve 100% open
OXEW2003	6/25/2024 13:30	59.5	39.2	0.1	1.2	-44.68	-44.68	-44.63	84.9	9.6	Valve Adjustment:No Change,Valve 100% open
OXEW2004	6/4/2024 11:19	46.3	36.8	0.0	16.9	-37.51	-37.52	-39.59	122.8	36.5	Valve Adjustment:No Change,Valve 100% open
OXEW2004	6/25/2024 13:42	55.5	35.7	0.1	8.7	-39.68	-39.77	-44.58	125.3	52.8	Valve Adjustment:No Change,Valve 100% open
OXEW2005	6/4/2024 11:43	33.9	32.9	0.0	33.2	-12.92	-10.39	-37.21	119.4	23.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2005	6/26/2024 13:57	42.3	22.6	4.7	30.4	-3.77	-3.75	-44.02	102.1	10.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2007	6/4/2024 14:50	58.2	36.7	0.0	5.1	-43.78	-43.75	-43.85	96.8	12.5	Valve Adjustment:No Change,Valve 100% open
OXEW2007	6/17/2024 14:24	58.7	39.5	0.0	1.8	-41.20	-41.21	-40.97	99.1	17.1	Valve Adjustment:No Change,Valve 100% open
OXEW2008	6/4/2024 14:06	68.8	30.0	0.0	1.2	-43.82	-43.89	-44.06	86.9	6.3	Valve Adjustment:No Change,Valve 100% open
OXEW2008	6/17/2024 14:41	68.4	30.5	0.0	1.1	-40.88	-40.89	-40.82	79.6	5.3	Valve Adjustment:No Change,Valve 100% open
OXEW2008	6/21/2024 9:28	66.7	30.8	0.1	2.4	-41.41	-41.87	-41.55	57.8	4.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2009	6/5/2024 11:25	55.8	38.1	0.2	5.9	-42.59	-42.38	-42.70	100.5	21.5	Valve Adjustment:No Change,Valve 100% open
OXEW2009	6/26/2024 13:32	54.9	37.8	0.1	7.2	-44.08	-44.31	-44.53	95.0	4.1	Valve Adjustment:No Change,Valve 100% open
OXEW2010	6/5/2024 10:49	34.0	27.6	4.9	33.5	-47.01	-47.01	-47.58	83.4	7.8	Valve Adjustment:No Change,Valve 50% open
OXEW2010	6/5/2024 11:08	35.5	30.1	3.9	30.5	-47.06	-46.98	-47.70	82.6	17.2	Valve Adjustment:No Change,Valve 50% open
OXEW2010	6/26/2024 13:39	59.0	39.4	0.6	1.0	-44.46	-44.50	-44.43	79.0	3.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2011	6/5/2024 8:56	43.7	37.9	0.1	18.3	-44.65	-44.78	-46.21	104.2	17.4	Valve Adjustment:No Change,Valve 100% open
OXEW2011	6/25/2024 14:44	36.1	32.8	0.1	31.0	-40.67	-36.11	-41.13	91.8	10.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXEW2012	6/4/2024 9:55	53.2	37.7	0.0	9.1	-46.09	-45.99	-47.85	106.2	20.4	Valve Adjustment:No Change,Valve 100% open
OXEW2012	6/25/2024 12:42	58.5	40.5	0.1	0.9	-40.87	-40.89	-42.88	104.1	18.1	Valve Adjustment:No Change,Valve 100% open
OXEW2016	6/12/2024 13:58	56.6	43.3	0.1	0.0	-38.32	-42.39	-46.95	130.0	19.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2016	6/24/2024 16:19	58.4	39.9	0.0	1.7	-41.55	-41.73	-44.20	130.3	22.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2017	6/12/2024 14:08	48.3	38.7	1.1	11.9	-26.98	-26.94	-52.98	129.5	72.5	Valve Adjustment:No Change
OXEW2017	6/24/2024 16:11	48.9	36.9	1.1	13.1	-26.55	-25.91	-50.96	130.1	73.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2020	6/12/2024 14:41	48.3	36.4	0.0	15.3	-44.32	-44.48	-48.62	130.3	35.0	Valve Adjustment:No Change
OXEW2020	6/19/2024 9:36	53.2	38.7	0.5	7.6	-38.56	-38.56	-41.85	130.3	32.2	Valve Adjustment:No Change,Valve 60% open
OXEW2021	6/12/2024 14:25	51.5	34.1	0.5	13.9	-22.91	-25.43	-49.12	90.8	2.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2021	6/19/2024 9:22	51.5	33.1	2.8	12.6	-27.82	-28.14	-41.55	93.9	4.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2022	6/13/2024 8:34	57.8	36.3	0.2	5.7	-44.36	-44.48	-45.71	119.3	27.4	Valve Adjustment:No Change,Valve 100% open
OXEW2022	6/19/2024 9:54	57.1	41.1	0.1	1.7	-40.92	-41.10	-42.02	119.0	25.5	Valve Adjustment:No Change,Valve 100% open
OXEW2023	6/7/2024 15:00	55.4	31.0	0.4	13.2	-40.85	-40.91	-41.93	124.9	34.7	Valve Adjustment:No Change,Valve 100% open
OXEW2023	6/15/2024 12:31	54.6	45.4	0.0	0.0	-23.66	-24.23	-24.52	123.7	35.7	Valve Adjustment:No Change,Valve 100% open
OXEW2024	6/7/2024 13:54	59.5	36.8	0.2	3.5	-41.67	-41.52	-41.72	123.8	9.6	Valve Adjustment:No Change,Valve 100% open
OXEW2024	6/12/2024 12:59	58.0	42.0	0.0	0.0	-42.31	-42.38	-42.61	121.7	11.8	Valve Adjustment:No Change,Valve 100% open
OXEW2024	6/15/2024 11:03	55.4	44.6	0.0	0.0	-24.86	-24.87	-25.15	123.5	6.9	Valve Adjustment:No Change,Valve 100% open
OXEW2026	6/7/2024 13:48	58.9	36.8	2.6	1.7	-46.25	-46.29	-46.39	62.3	7.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
OXEW2026	6/15/2024 10:23	46.9	37.4	4.0	11.7	-27.32	-26.97	-27.59	71.8	149.3	Valve Adjustment:No Change
OXEW2026	6/24/2024 10:59	51.6	31.7	2.8	13.9	-41.90	-42.02	-41.99	68.3	16.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2027	6/13/2024 10:58	41.7	33.5	3.7	21.1	-42.72	-42.45	-42.21	50.6	0.2	Valve Adjustment:No Change,Valve 15% open
OXEW2027	6/24/2024 11:16	49.9	33.1	4.3	12.7	-40.89	-41.18	-41.07	77.2	0.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2028	6/7/2024 13:36	59.2	37.8	3.0	0.0	-46.13	-46.36	-46.32	61.8	2.1	Valve Adjustment:No Change
OXEW2028	6/24/2024 11:08	50.5	33.6	3.9	12.0	-42.24	-42.33	-41.98	75.9	6.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 95% open
OXEW2029	6/13/2024 8:42	42.4	35.2	0.1	22.3	-18.83	-16.56	-46.76	123.2	41.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2029	6/19/2024 9:58	50.4	38.4	0.0	11.2	-11.16	-11.16	-43.10	124.3	27.0	Valve Adjustment:No Change,Valve 35% open
OXEW2030	6/7/2024 14:44	57.1	35.3	0.2	7.4	-40.19	-40.04	-41.40	122.6	14.3	Valve Adjustment:No Change,Valve 100% open
OXEW2030	6/15/2024 12:42	54.7	45.3	0.0	0.0	-24.87	-24.87	-25.99	120.6	20.8	Valve Adjustment:No Change,Valve 100% open
OXEW2031	6/7/2024 14:33	56.3	38.3	0.3	5.1	-46.92	-46.90	-48.29	125.6	46.8	Valve Adjustment:No Change,Valve 100% open
OXEW2031	6/15/2024 12:48	54.8	45.2	0.0	0.0	-27.30	-27.30	-28.65	124.3	40.6	Valve Adjustment:No Change,Valve 100% open
OXEW2031	6/24/2024 16:31	53.7	36.8	0.2	9.3	-44.69	-44.71	-45.68	126.3	46.8	Valve Adjustment:No Change,Valve 100% open
OXEW2101	6/12/2024 16:43	51.9	38.1	0.0	10.0	-0.56	-0.54	-29.28	123.2	16.5	Valve Adjustment:No Change,Valve 15% open
OXEW2101	6/19/2024 12:44	51.9	34.0	0.2	13.9	-0.89	-0.89	-42.02	124.2	18.9	Valve Adjustment:No Change,Valve 15% open
OXEW2102	6/7/2024 14:12	60.1	29.1	0.4	10.4	-40.23	-40.21	-41.60	79.9	17.2	Valve Adjustment:No Change,Valve 100% open
OXEW2102	6/15/2024 11:18	55.1	44.9	0.0	0.0	-24.92	-24.96	-25.70	92.0	22.4	Valve Adjustment:No Change,Valve 100% open
OXEW2103	6/7/2024 13:59	49.7	35.9	2.3	12.1	-32.35	-33.09	-42.78	108.3	51.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW2103	6/12/2024 12:52	48.5	34.6	2.6	14.3	-33.75	-33.95	-43.65	107.5	53.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2103	6/15/2024 11:11	47.8	40.4	2.3	9.5	-18.39	-18.09	-25.77	106.1	49.6	Valve Adjustment:No Change

Ox Mountain Landfill  
Wellfield Monitoring Report - June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2104	6/7/2024 13:31	56.8	35.2	0.0	8.0	-38.99	-39.13	-46.31	115.7	55.9	Valve Adjustment:No Change,Valve 100% open
OXEW2104	6/15/2024 10:59	55.2	44.0	0.8	0.0	-23.18	-23.21	-27.56	115.8	141.4	Valve Adjustment:No Change,Valve 100% open
OXEW2105	6/7/2024 14:24	57.6	38.4	0.1	3.9	-41.23	-41.19	-41.07	100.6	0.0	Valve Adjustment:No Change,Valve 100% open
OXEW2105	6/15/2024 11:35	55.8	44.2	0.0	0.0	-25.00	-25.04	-25.69	98.9	5.9	Valve Adjustment:No Change,Valve 100% open
OXEW2106	6/12/2024 15:22	58.4	41.6	0.0	0.0	-40.59	-41.55	-41.48	111.1	14.8	Valve Adjustment:No Change,Valve 100% open
OXEW2106	6/26/2024 9:04	60.3	39.6	0.1	0.0	-32.47	-44.68	-45.00	60.8	11.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 70% open
OXEW2106	6/27/2024 8:53	59.9	39.7	0.4	0.0	-44.16	-44.43	-44.52	70.5	8.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2107	6/5/2024 9:47	54.5	41.8	0.0	3.7	-37.27	-36.96	-37.33	102.2	14.9	Valve Adjustment:No Change,Valve 100% open
OXEW2107	6/25/2024 13:55	53.7	38.9	0.2	7.2	-35.48	-35.81	-35.53	107.3	18.8	Valve Adjustment:No Change,Valve 100% open
OXEW2108	6/4/2024 9:45	45.7	37.0	0.0	17.3	-43.90	-43.86	-47.84	120.7	30.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 55% open
OXEW2108	6/25/2024 13:02	48.4	37.2	0.0	14.4	-37.60	-37.54	-43.37	122.0	32.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 55% open
OXEW2109	6/5/2024 9:12	18.9	26.8	0.2	54.1	-48.84	-49.07	-49.83	81.5	3.2	Valve Adjustment:No Change,Valve 65% open
OXEW2109	6/5/2024 9:20	18.7	25.6	0.4	55.3	-49.87	-49.82	-49.91	81.2	3.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2109	6/25/2024 14:25	20.5	28.0	0.1	51.4	-44.10	-38.74	-44.40	85.2	3.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2110	6/7/2024 14:51	59.0	39.3	0.1	1.6	-38.05	-38.08	-39.98	95.8	27.4	Valve Adjustment:No Change,Valve 100% open
OXEW2110	6/15/2024 12:36	55.0	45.0	0.0	0.0	-22.89	-22.92	-24.52	92.6	75.6	Valve Adjustment:No Change,Valve 100% open
OXEW2111	6/12/2024 15:06	60.3	39.6	0.1	0.0	-4.13	-4.17	-10.05	109.1	64.9	Valve Adjustment:No Change,Valve 100% open
OXEW2111	6/24/2024 17:19	58.3	39.1	0.0	2.6	-6.77	-10.41	-46.91	107.2	10.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2111	6/27/2024 9:13	57.5	41.0	0.1	1.4	-32.74	-38.15	-46.22	83.4	4.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW2112	6/5/2024 15:58	56.9	37.6	0.0	5.5	-44.31	-44.40	-45.53	107.1	34.3	Valve Adjustment:No Change,Valve 100% open
OXEW2112	6/24/2024 12:17	54.9	37.0	0.1	8.0	-43.93	-43.85	-44.58	107.3	29.8	Valve Adjustment:No Change,Valve 100% open
OXEW2113	6/12/2024 15:11	59.2	40.8	0.0	0.0	-11.46	-11.53	-11.78	116.2	9.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2113	6/24/2024 17:07	59.0	39.7	0.1	1.2	-18.27	-30.53	-45.84	105.5	2.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2113	6/24/2024 17:09	59.4	40.6	0.0	0.0	-33.49	-44.99	-46.05	105.6	2.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2113	6/27/2024 9:04	58.3	40.4	0.2	1.1	-44.04	-43.96	-44.64	77.0	3.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2207	6/7/2024 14:16	52.9	37.0	0.3	9.8	-38.85	-38.79	-41.28	116.5	87.7	Valve Adjustment:No Change,Valve 100% open
OXEW2207	6/15/2024 11:26	51.9	44.2	0.0	3.9	-23.56	-23.72	-25.37	116.9	52.5	Valve Adjustment:No Change,Valve 100% open
OXEW2208	6/13/2024 10:38	57.1	38.0	0.0	4.9	-5.43	-5.70	-7.80	123.1	54.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2208	6/24/2024 17:24	53.6	40.2	0.7	5.5	-0.31	-0.34	-45.68	105.3	6.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2209	6/7/2024 14:02	55.7	35.3	0.2	8.8	-40.66	-40.93	-41.91	98.8	21.3	Valve Adjustment:No Change,Valve 100% open
OXEW2209	6/15/2024 11:15	56.0	44.0	0.0	0.0	-24.54	-24.91	-25.26	97.4	36.4	Valve Adjustment:No Change,Valve 100% open
OXEW2210	6/13/2024 9:49	57.1	41.4	0.4	1.1	-40.33	-40.31	-40.39	105.5	13.6	Valve Adjustment:No Change,Valve 100% open
OXEW2210	6/15/2024 13:13	53.4	44.2	1.4	1.0	-24.86	-25.04	-25.74	100.2	51.3	Valve Adjustment:No Change,Valve 100% open
OXEW2211	6/7/2024 15:04	57.2	37.5	0.2	5.1	-38.32	-38.56	-39.41	123.2	53.7	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2211	6/15/2024 12:26	55.8	44.2	0.0	0.0	-23.40	-23.21	-24.07	122.1	37.3	Valve Adjustment:No Change,Valve 100% open
OXEW2212	6/7/2024 13:23	45.1	34.5	0.0	20.4	-14.22	-14.20	-45.96	113.3	89.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2212	6/12/2024 13:02	44.4	36.4	0.0	19.2	-14.19	-13.99	-46.62	112.4	88.0	Valve Adjustment:No Change
OXEW2212	6/26/2024 11:24	43.9	35.7	0.0	20.4	-13.26	-10.73	-40.20	114.8	84.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2213	6/7/2024 13:41	57.5	27.5	0.7	14.3	-41.61	-41.76	-45.45	112.3	77.1	Valve Adjustment:No Change,Valve 100% open
OXEW2213	6/15/2024 10:50	56.8	43.2	0.0	0.0	-24.28	-24.27	-26.29	112.0	91.4	Valve Adjustment:No Change,Valve 100% open
OXEW2214	6/7/2024 10:33	59.0	38.7	0.1	2.2	-49.08	-49.24	-49.19	101.6	11.7	Valve Adjustment:No Change,Valve 100% open
OXEW2214	6/19/2024 10:58	55.2	39.1	0.0	5.7	-42.24	-42.27	-42.68	102.6	15.0	Valve Adjustment:NSPS,Valve 100% open
OXEWHC6A**	6/13/2024 11:15	25.5	21.4	12.0	41.1	-13.02	-0.99	-49.70	53.1	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	6/26/2024 14:27	49.2	36.6	0.6	13.6	-4.31	-4.33	-46.49	70.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OXHC1922	6/5/2024 15:37	43.7	32.0	1.7	22.6	-15.36	-13.33	-44.94	109.6	74.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXHC1922	6/13/2024 10:43	42.1	32.0	2.1	23.8	-11.33	-10.26	-43.42	70.1	56.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXHC1922	6/24/2024 17:13	57.1	40.0	0.1	2.8	-6.73	-9.22	-45.78	103.6	3.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXHC1922	6/27/2024 9:08	56.0	40.4	0.0	3.6	-9.39	-10.15	-44.44	59.5	7.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXHC2000	6/7/2024 11:36	58.0	40.1	0.0	1.9	-44.91	-45.00	-47.20	60.0	10.9	Valve Adjustment:No Change,Valve 100% open
OXHC2000	6/19/2024 14:23	60.6	38.6	0.0	0.8	-36.89	-36.74	-39.37	73.9	10.5	Valve Adjustment:No Change,Valve 100% open
OXHC2001	6/7/2024 11:33	58.3	39.4	0.5	1.8	-42.88	-43.64	-49.64	73.1	61.7	Valve Adjustment:No Change,Valve 100% open
OXHC2001	6/19/2024 14:21	60.4	38.4	0.1	1.1	-35.81	-35.48	-40.63	78.2	49.5	Valve Adjustment:No Change,Valve 100% open
OXHC2014	6/5/2024 15:43	57.5	36.2	0.0	6.3	-23.64	-23.55	-44.40	97.3	115.9	Valve Adjustment:No Change,Valve 100% open
OXHC2014	6/24/2024 12:07	56.9	37.1	0.1	5.9	-24.55	-24.69	-43.22	98.3	106.8	Valve Adjustment:No Change,Valve 100% open
OXHC2015	6/3/2024 14:38	54.3	38.2	0.0	7.5	-32.60	-33.88	-60.11	75.1	108.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2015	6/26/2024 15:12	56.9	32.4	0.2	10.5	-29.07	-27.70	-50.62	97.8	115.2	Valve Adjustment:No Change,Valve 100% open
OXHC2101	6/7/2024 11:17	49.6	42.1	2.3	6.0	-0.05	-0.06	-43.13	111.9	3.3	Valve Adjustment:No Change,Valve at minimum position
OXHC2101	6/19/2024 14:35	58.6	37.0	4.4	0.0	-0.02	-0.03	-36.99	107.0	2.0	Valve Adjustment:No Change,Valve 5% open
OXLCR13B	6/3/2024 14:46	45.1	34.3	0.0	20.6	-2.77	-2.75	-53.93	76.9	19.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXLCR13B	6/26/2024 15:17	47.0	33.0	0.0	20.0	-3.04	-2.97	-48.08	103.0	19.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
<b>OXLCR4A1</b>	6/3/2024 14:49	50.0	36.1	0.0	13.9	-50.32	-51.04	-54.65	64.2	62.1	Valve Adjustment:No Change,Valve 35% open
<b>OXLCR4A1</b>	6/26/2024 15:21	46.4	33.5	0.2	19.9	-45.58	-42.37	-48.32	72.5	49.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
<b>OXLCR4B1</b>	6/13/2024 12:20	44.4	32.9	3.0	19.7	-2.02	-2.00	-51.33	54.6	0.2	Valve Adjustment:No Change,Valve at minimum position
<b>OXLCR4B1</b>	6/26/2024 15:23	45.8	33.1	0.4	20.7	-2.07	-1.91	-48.28	66.5	0.5	Valve Adjustment:No Change
<b>OXLCRS07</b>	6/7/2024 9:20	39.2	29.4	5.8	25.6	-0.21	-0.21	-42.51	73.8	5.5	Valve Adjustment:No Change,Valve at minimum position
<b>OXLCRS07</b>	6/19/2024 14:10	41.6	33.3	4.7	20.4	-0.04	-0.04	-42.19	74.9	5.1	Valve Adjustment:No Change,Valve at minimum position
OXLCRS10	6/7/2024 10:55	61.0	36.2	0.1	2.7	-43.68	-42.47	-43.47	91.3	36.0	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	6/19/2024 14:31	54.3	35.9	0.1	9.7	-35.48	-36.33	-35.85	92.7	48.3	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXLCRS11	6/7/2024 11:01	44.1	35.9	2.2	17.8	-2.84	-2.49	-49.61	88.0	86.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXLCRS11	6/19/2024 14:29	49.3	35.2	1.2	14.3	-2.20	-2.24	-40.26	89.0	73.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXLCRS12	6/7/2024 11:06	59.7	38.5	0.0	1.8	-8.49	-8.56	-42.22	79.1	156.1	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	6/19/2024 14:40	57.9	35.0	0.1	7.0	-6.38	-6.07	-36.03	79.9	148.7	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	6/12/2024 9:54	55.6	44.3	0.1	0.0	-39.23	-41.69	-45.24	91.1	127.3	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	6/18/2024 15:12	55.3	36.8	0.0	7.9	-27.64	-28.01	-34.15	93.9	137.1	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	6/12/2024 9:56	55.3	44.7	0.0	0.0	-42.37	-40.70	-46.43	91.3	113.0	Valve Adjustment:NSPS,Valve 100% open
OXLCRS3B	6/18/2024 15:15	56.4	43.6	0.0	0.0	-28.75	-30.36	-35.29	94.3	157.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS7B	6/7/2024 9:17	48.8	33.8	2.9	14.5	-0.06	-0.25	-49.60	64.8	3.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXLCRS7B	6/19/2024 14:08	49.2	36.4	2.3	12.1	-0.03	-0.03	-42.46	78.8	2.3	Valve Adjustment:No Change,Valve at minimum position
OXLCRS8A	6/3/2024 14:43	59.8	39.3	0.0	0.9	-50.17	-51.92	-55.80	75.6	42.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS8A	6/26/2024 15:14	59.4	36.4	0.1	4.1	-46.17	-46.19	-48.33	99.2	38.9	Valve Adjustment:No Change,Valve 100% open
OXLCRS8A	6/26/2024 16:26	57.5	31.6	0.2	10.7	-46.17	-46.30	-48.32	91.5	39.1	Valve Adjustment:No Change,Valve 100% open
OXLCRS9A	6/5/2024 15:45	59.0	38.2	0.1	2.7	-44.31	-44.36	-45.53	89.4	22.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS9A	6/24/2024 12:10	57.8	40.1	0.3	1.8	-44.43	-44.51	-44.65	84.5	4.2	Valve Adjustment:No Change,Valve 100% open
OXLCRS9B	6/5/2024 15:48	58.7	39.7	0.0	1.6	-44.57	-44.62	-45.38	78.5	15.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS9B	6/24/2024 12:12	58.5	40.3	0.0	1.2	-44.16	-44.13	-44.65	79.5	14.5	Valve Adjustment:No Change,Valve 100% open
OXME302D	6/12/2024 14:28	55.6	35.9	0.0	8.5	-47.09	-47.17	-48.83	117.5	31.0	Valve Adjustment:No Change,Valve 100% open
OXME302D	6/19/2024 9:26	60.3	34.7	0.1	4.9	-40.47	-40.59	-41.76	117.3	30.9	Valve Adjustment:No Change,Valve 100% open
OXME306D	6/12/2024 14:05	44.2	32.0	0.4	23.4	-3.77	-3.16	-48.49	122.1	18.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXME306D	6/19/2024 9:04	51.1	37.0	0.1	11.8	-2.53	-2.53	-43.17	122.0	15.8	Valve Adjustment:No Change,Valve 30% open
OXME312D	6/13/2024 8:53	27.7	30.9	0.0	41.4	-3.03	-2.97	-44.83	100.1	58.7	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	6/19/2024 10:08	41.8	35.7	0.3	22.2	-2.10	-2.10	-40.83	82.9	85.1	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	6/6/2024 10:28	59.0	40.9	0.1	0.0	-43.89	-43.89	-45.70	126.7	35.9	Valve Adjustment:No Change,Valve 100% open
OXME316D	6/24/2024 14:59	59.8	39.8	0.0	0.4	-40.93	-40.93	-42.37	126.9	32.6	Valve Adjustment:No Change,Valve 100% open
OXME317D	6/6/2024 10:34	55.6	40.9	1.0	2.5	-48.37	-47.74	-48.74	73.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	6/24/2024 15:05	56.5	38.7	0.9	3.9	-44.64	-44.31	-45.03	80.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	6/6/2024 14:52	53.0	30.9	0.9	15.2	-9.13	-16.96	-47.29	76.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	6/19/2024 13:19	46.6	37.7	1.2	14.5	-13.84	-14.50	-41.76	74.3	11.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	6/13/2024 11:57	48.2	33.8	2.8	15.2	-47.42	-47.23	-47.98	62.5	0.0	Valve Adjustment:No Change
OXMEW122	6/26/2024 8:45	35.4	28.2	4.8	31.6	-45.95	-39.70	-45.87	60.1	9.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW126	6/6/2024 13:38	58.3	33.1	0.5	8.1	-49.47	-49.98	-49.55	77.3	1.3	Valve Adjustment:No Change,Valve 100% open
OXMEW126	6/6/2024 14:05	56.6	41.4	0.3	1.7	-49.36	-49.39	-49.38	77.3	7.1	Valve Adjustment:No Change,Valve 100% open
OXMEW126	6/19/2024 15:33	53.8	37.2	0.2	8.8	-40.41	-40.59	-40.29	79.3	2.2	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW138	6/12/2024 10:04	53.1	39.0	0.0	7.9	-4.67	-6.06	-43.53	72.3	1.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW138	6/18/2024 15:10	51.1	32.7	0.3	15.9	-11.57	-11.78	-35.81	75.9	5.3	Valve Adjustment:No Change,Valve at minimum position
OXMEW145	6/6/2024 14:34	56.2	33.8	0.3	9.7	-44.99	-44.98	-47.56	93.2	11.8	Valve Adjustment:No Change,Valve 100% open
OXMEW145	6/19/2024 13:35	58.0	37.9	0.1	4.0	-39.87	-39.70	-42.06	92.9	15.1	Valve Adjustment:No Change,Valve 100% open
OXMEW156	6/4/2024 8:30	43.8	34.7	1.1	20.4	-1.62	-1.62	-48.42	76.1	1.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW156	6/19/2024 7:37	48.7	33.4	1.5	16.4	-0.43	-0.40	-43.59	58.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OXMEW158	6/6/2024 13:27	39.4	36.2	0.1	24.3	-48.36	-48.27	-50.47	70.4	2.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMEW158	6/19/2024 15:26	45.4	36.2	0.1	18.3	-39.05	-38.88	-40.36	71.2	2.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXMEW158	6/19/2024 15:27	44.4	37.4	0.0	18.2	-39.75	-39.45	-39.81	71.3	2.5	Valve Adjustment:No Change
OXMEW159	6/6/2024 13:32	41.7	36.8	0.8	20.7	-47.00	-46.85	-50.10	70.3	6.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 65% open
OXMEW159	6/19/2024 15:29	43.3	37.2	0.4	19.1	-38.56	-38.29	-40.78	70.5	4.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 65% open
OXMEW162	6/12/2024 10:39	17.8	9.2	15.6	57.4	-46.93	-1.67	-46.99	62.9	4.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW162	6/12/2024 10:48	60.3	31.3	2.0	6.4	-42.20	-46.13	-47.18	63.1	94.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW162	6/19/2024 8:32	53.3	27.6	3.6	15.5	-42.07	-41.69	-42.27	61.9	5.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	6/3/2024 15:04	56.5	28.4	0.2	14.9	-49.24	-49.39	-49.33	61.1	0.8	Valve Adjustment:No Change,Valve 100% open
OXMEW170	6/17/2024 14:55	50.2	26.7	1.4	21.7	-40.93	-40.85	-40.95	81.6	0.3	Valve Adjustment:No Change,Valve 100% open
OXMEW173	6/4/2024 11:12	45.7	34.7	0.2	19.4	-6.37	-6.34	-40.37	102.3	30.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	6/26/2024 14:06	48.0	36.1	0.2	15.7	-7.80	-7.78	-46.68	100.6	0.0	Valve Adjustment:No Change
OXMEW174	6/4/2024 8:28	44.5	34.1	0.0	21.4	-11.06	-7.91	-48.38	72.5	6.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW174	6/19/2024 7:40	56.4	35.8	0.2	7.6	-2.93	-3.55	-43.41	61.3	2.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	6/4/2024 8:42	38.9	31.9	0.1	29.1	-24.96	-5.72	-48.76	76.7	9.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	6/26/2024 14:33	49.6	31.6	0.3	18.5	-0.16	-0.18	-46.47	73.2	2.2	Valve Adjustment:No Change,Valve at minimum position
OXMEW181	6/6/2024 9:29	52.4	40.2	0.2	7.2	-23.04	-27.07	-45.21	113.9	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	6/26/2024 17:37	59.5	39.7	0.0	0.8	-0.12	-3.78	-44.97	88.7	6.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEW181	6/27/2024 9:20	57.2	42.6	0.0	0.2	-3.56	-10.08	-43.26	74.1	10.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXMEW182	6/6/2024 11:00	53.4	40.0	0.0	6.6	-45.24	-45.33	-49.21	118.5	46.5	Valve Adjustment:No Change,Valve 100% open
OXMEW182	6/24/2024 15:20	54.5	39.1	0.0	6.4	-42.28	-42.23	-45.96	118.8	44.9	Valve Adjustment:No Change,Valve 100% open
OXMEW183	6/13/2024 10:18	50.9	38.3	0.0	10.8	-5.58	-6.44	-44.89	114.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW183	6/19/2024 13:51	50.0	35.7	0.2	14.1	-7.40	-7.44	-39.21	115.4	40.2	Valve Adjustment:No Change
OXMEW184	6/12/2024 17:13	44.0	33.7	0.0	22.3	-0.70	-0.63	-28.51	118.9	25.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	6/19/2024 13:09	49.7	37.2	0.0	13.1	-0.83	-0.82	-39.42	122.1	30.7	Valve Adjustment:No Change
OXMEW185	6/12/2024 17:09	53.8	37.1	0.9	8.2	-1.54	-2.35	-28.57	111.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	6/19/2024 13:06	36.2	34.4	0.4	29.0	-22.62	-22.58	-40.87	114.4	239.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW186	6/6/2024 11:23	38.3	37.0	0.0	24.7	-4.40	-4.20	-47.03	120.6	15.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW186	6/19/2024 10:16	50.9	36.4	0.1	12.6	-2.40	-2.33	-41.29	115.3	12.3	Valve Adjustment:No Change,Valve 10% open
OXMEW187	6/12/2024 17:19	43.7	34.2	0.8	21.3	-0.30	-0.30	-30.32	75.0	0.0	Valve Adjustment:No Change
OXMEW187	6/19/2024 11:58	56.7	39.4	0.0	3.9	-0.59	-0.80	-41.21	79.9	6.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW188	6/12/2024 16:54	45.4	34.7	0.3	19.6	-2.15	-1.98	-28.51	109.5	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	6/19/2024 12:54	51.1	37.0	0.1	11.8	-1.98	-1.96	-41.51	110.3	20.2	Valve Adjustment:No Change
OXMEW189	6/12/2024 16:47	49.0	37.0	2.6	11.4	-0.84	-0.84	-29.06	118.7	0.0	Valve Adjustment:No Change
OXMEW189	6/19/2024 12:47	54.4	37.7	0.9	7.0	-1.30	-1.30	-33.72	119.0	15.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW190	6/13/2024 8:47	49.3	37.8	0.1	12.8	-18.49	-18.44	-43.92	126.6	29.9	Valve Adjustment:No Change,Valve 40% open
OXMEW190	6/19/2024 10:03	52.1	38.8	0.1	9.0	-16.64	-17.93	-40.17	127.1	30.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXMEW191	6/6/2024 8:58	35.4	29.9	0.1	34.6	-19.34	-16.31	-55.26	119.3	30.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW191	6/25/2024 13:36	48.2	33.3	3.1	15.4	-3.11	-3.09	-44.75	112.5	17.3	Valve Adjustment:No Change
OXMEW192	6/4/2024 10:10	43.5	35.8	0.0	20.7	-24.99	-12.48	-48.05	86.0	9.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW192	6/25/2024 12:50	59.1	37.5	0.0	3.4	-2.65	-4.37	-43.12	77.7	0.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW194	6/6/2024 9:52	51.9	38.7	1.5	7.9	-50.11	-50.11	-50.74	80.8	14.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW194	6/26/2024 12:58	50.7	32.2	1.7	15.4	-43.68	-43.69	-44.05	83.3	13.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	6/6/2024 11:09	50.4	38.7	0.8	10.1	-22.98	-26.57	-49.26	113.4	78.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	6/24/2024 15:27	50.1	34.3	0.9	14.7	-24.36	-24.64	-46.06	117.2	27.2	Valve Adjustment:No Change
OXMEW199	6/6/2024 11:19	46.7	38.0	0.3	15.0	-16.21	-14.82	-46.67	125.3	80.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	6/19/2024 10:19	48.5	39.0	0.3	12.2	-10.41	-10.49	-40.96	124.1	76.8	Valve Adjustment:No Change
OXMEW200	6/12/2024 17:17	44.1	35.3	0.3	20.3	-0.06	-0.06	-27.87	106.8	7.9	Valve Adjustment:No Change
OXMEW200	6/26/2024 11:14	48.9	39.0	0.2	11.9	-0.85	-0.84	-43.48	108.3	5.9	Valve Adjustment:No Change
OXMEW201	6/12/2024 17:02	54.4	36.6	0.0	9.0	-0.06	-0.13	-27.57	83.3	32.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW201	6/19/2024 13:00	37.2	34.0	0.0	28.8	-1.03	-1.02	-41.32	92.8	6.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW203	6/6/2024 14:46	52.3	31.7	0.4	15.6	-46.81	-46.83	-47.93	75.9	0.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW203	6/19/2024 13:15	48.9	38.3	0.9	11.9	-40.51	-40.34	-41.93	73.8	1.1	Valve Adjustment:No Change,Valve 10% open
OXMEW204	6/12/2024 9:22	43.4	33.1	0.0	23.5	-11.01	-10.95	-45.49	73.9	30.8	Valve Adjustment:Closed valve 1/2 turn or less,Closed valve >10%
OXMEW204	6/18/2024 15:38	59.3	36.0	0.0	4.7	-2.23	-2.43	-34.44	90.9	29.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXMEW205	6/12/2024 17:25	43.5	34.8	0.1	21.6	-0.36	-0.35	-28.83	60.7	12.4	Valve Adjustment:No Change
OXMEW205	6/19/2024 11:54	48.4	38.9	0.0	12.7	-0.64	-0.64	-41.34	129.1	14.5	Valve Adjustment:No Change,Valve 15% open
OXMEW209	6/12/2024 16:30	57.5	36.9	0.2	5.4	-32.46	-32.47	-38.46	133.3	56.9	Valve Adjustment:No Change,Valve 100% open
OXMEW209	6/19/2024 9:45	57.0	38.9	0.0	4.1	-34.12	-34.13	-41.49	133.4	60.3	Valve Adjustment:No Change,Valve 100% open
OXMEW210	6/12/2024 13:57	60.6	33.0	0.3	6.1	-45.56	-45.55	-48.37	120.7	34.1	Valve Adjustment:No Change,Valve 100% open
OXMEW210	6/19/2024 8:58	52.3	35.8	0.1	11.8	-38.90	-38.90	-42.19	122.0	34.7	Valve Adjustment:No Change,Valve 100% open
OXMEW300	6/12/2024 14:19	56.6	35.2	0.8	7.4	-48.81	-48.75	-49.06	101.9	23.4	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW300	6/19/2024 9:15	52.1	34.7	1.2	12.0	-42.16	-42.28	-42.38	101.7	24.0	Valve Adjustment:No Change,Valve 100% open
OXMEW302	6/12/2024 14:31	34.4	30.2	0.5	34.9	-5.71	-3.86	-48.68	97.3	16.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	6/19/2024 9:29	54.3	35.8	0.2	9.7	-2.24	-2.66	-41.55	72.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW306	6/12/2024 14:08	30.7	32.0	0.3	37.0	-2.93	-2.80	-48.69	77.2	15.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	6/19/2024 9:06	50.8	37.4	0.0	11.8	-2.44	-2.44	-41.91	68.2	2.7	Valve Adjustment:No Change
OXMEW307	6/6/2024 14:27	58.1	37.5	0.8	3.6	-47.01	-46.68	-47.25	90.9	1.8	Valve Adjustment:No Change,Valve 100% open
OXMEW307	6/19/2024 13:41	54.7	37.8	1.4	6.1	-41.61	-41.56	-41.72	89.4	2.0	Valve Adjustment:No Change,Valve 100% open
OXMEW309	6/12/2024 14:47	45.2	33.9	1.4	19.5	-8.41	-8.35	-38.98	60.9	12.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	6/19/2024 9:42	46.9	36.2	0.8	16.1	-7.10	-6.83	-42.33	61.3	17.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	6/12/2024 16:14	44.5	38.4	0.0	17.1	-10.71	-10.21	-32.74	111.6	32.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	6/24/2024 15:33	51.1	36.4	0.4	12.1	-10.95	-10.95	-45.66	112.7	43.8	Valve Adjustment:No Change
OXMEW311	6/12/2024 8:36	55.3	39.1	0.5	5.1	-46.22	-46.05	-46.46	117.5	27.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	6/18/2024 16:15	53.5	25.1	0.8	20.6	-37.32	-37.28	-37.62	118.3	29.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	6/13/2024 8:56	46.7	36.9	0.0	16.4	-5.01	-4.98	-44.91	87.0	10.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	6/19/2024 10:10	39.8	34.9	0.5	24.8	-4.53	-4.43	-40.54	86.9	10.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	6/13/2024 8:18	52.3	36.6	0.2	10.9	-42.79	-43.75	-44.44	119.2	25.5	Valve Adjustment:No Change,Valve 100% open
OXMEW315	6/19/2024 10:30	53.8	39.3	0.0	6.9	-39.53	-39.61	-41.41	119.7	25.5	Valve Adjustment:No Change,Valve 100% open
OXMEW316	6/6/2024 10:26	58.9	41.1	0.0	0.0	-44.90	-44.99	-48.02	116.3	10.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	6/24/2024 14:57	60.6	39.2	0.0	0.2	-41.56	-41.59	-44.11	116.9	9.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	6/6/2024 10:31	57.9	41.2	0.7	0.2	-48.13	-48.29	-48.02	97.0	10.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	6/24/2024 15:03	58.8	39.2	0.7	1.3	-44.47	-44.65	-44.54	98.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	6/6/2024 10:49	49.6	37.0	0.0	13.4	-5.73	-6.09	-48.40	109.2	15.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW318	6/6/2024 10:54	49.4	38.9	0.0	11.7	-6.43	-7.41	-48.77	109.6	17.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW318	6/24/2024 15:15	47.1	36.3	0.0	16.6	-7.78	-6.77	-44.20	110.5	19.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXMEW319	6/12/2024 16:04	45.9	37.4	0.0	16.7	-14.72	-14.60	-3.05	104.9	32.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	6/24/2024 15:45	54.6	41.7	0.3	3.4	-11.16	-13.01	-24.85	105.5	11.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	6/13/2024 9:15	58.1	40.5	0.3	1.1	-44.76	-44.82	-44.64	116.1	8.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	6/15/2024 13:02	54.4	45.6	0.0	0.0	-28.81	-28.90	-28.95	120.7	11.5	Valve Adjustment:No Change,Valve 100% open
OXMEW322	6/6/2024 10:21	59.5	39.8	0.0	0.7	-36.72	-37.46	-37.41	115.6	22.0	Valve Adjustment:No Change,Valve 100% open
OXMEW322	6/24/2024 16:59	43.4	30.2	2.1	24.3	-14.04	-13.95	-34.74	82.2	8.8	Valve Adjustment:No Change,Valve 20% open
OXMEW322	6/27/2024 8:32	60.4	39.6	0.0	0.0	-5.50	-14.52	-44.93	65.0	5.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXMEW323	6/12/2024 15:29	59.2	39.8	0.0	1.0	-40.56	-40.63	-41.74	107.1	5.6	Valve Adjustment:No Change,Valve 100% open
OXMEW323	6/24/2024 17:29	57.0	38.6	0.5	3.9	-34.96	-37.68	-34.87	105.5	30.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXMEW323	6/27/2024 8:37	59.0	40.9	0.1	0.0	-43.66	-44.56	-44.81	65.2	8.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - June 3, 4, 5, 6, 7, 11, 12, 13, 15, 17, 18, 19, 21, 24, 25, 26, and 27, 2024

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEWHC1	6/6/2024 14:10	54.2	41.5	0.1	4.2	-41.63	-42.07	-41.84	85.5		Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	6/19/2024 15:41	47.2	35.9	3.5	13.4	-40.70	-40.76	-40.97	82.2		Valve Adjustment:No Change,Valve 100% open
OXMEWW05	6/6/2024 8:06	57.7	36.8	0.2	5.3	-51.42	-50.82	-51.51	65.6	27.1	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	6/26/2024 13:21	56.7	40.9	0.0	2.4	-44.95	-44.52	-45.02	69.2	10.7	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	6/6/2024 8:02	50.3	36.0	2.6	11.1	-51.46	-51.12	-51.63	64.4	8.5	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	6/26/2024 13:18	54.8	38.1	0.1	7.0	-44.69	-44.58	-44.70	69.5	7.8	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	6/4/2024 9:47	45.4	37.4	0.3	16.9	-6.70	-6.72	-47.45	87.2	0.3	Valve Adjustment:No Change,Valve at minimum position
OXMEWW08	6/25/2024 12:59	57.0	38.4	0.3	4.3	-1.13	-1.05	-42.32	79.2	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1G	6/5/2024 10:59	39.7	33.7	1.4	25.2	-45.54	-45.50	-47.42	79.9	9.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXMEWW1G	6/5/2024 11:14	39.6	33.3	1.4	25.7	-46.78	-46.93	-47.65	80.2	9.6	Valve Adjustment:No Change
OXMEWW1G	6/25/2024 15:09	36.5	30.4	1.5	31.6	-41.23	-40.70	-41.93	89.4	11.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXMEWW1S	6/6/2024 8:12	56.3	37.4	0.5	5.8	-26.15	-26.22	-51.51	64.7	19.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	6/26/2024 12:26	62.2	30.4	0.6	6.8	-23.35	-23.37	-45.24	65.8	22.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	6/12/2024 8:04	57.1	42.9	0.0	0.0	-49.18	-49.30	-49.04	68.6	6.3	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	6/15/2024 9:51	56.8	43.2	0.0	0.0	-35.43	-35.81	-35.77	83.9	7.7	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	6/12/2024 8:01	56.2	43.5	0.3	0.0	-49.39	-49.37	-49.09	55.2	6.0	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	6/15/2024 9:54	54.4	45.2	0.4	0.0	-36.41	-36.33	-36.47	71.8	11.0	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	6/5/2024 8:59	56.9	41.7	0.1	1.3	-50.26	-50.06	-50.13	86.1	2.3	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	6/25/2024 14:33	58.7	40.8	0.1	0.4	-44.19	-44.27	-44.26	71.5	3.8	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	6/5/2024 8:45	57.9	40.9	0.0	1.2	-50.71	-50.68	-50.58	83.0	5.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	6/25/2024 14:56	52.5	32.9	0.1	14.5	-43.67	-43.66	-43.58	73.7	5.7	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	6/4/2024 8:50	58.6	39.9	0.0	1.5	-48.70	-48.63	-48.62	79.6	0.8	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	6/4/2024 8:55	57.9	39.2	0.1	2.8	-48.79	-48.71	-48.37	80.5	1.3	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	6/19/2024 7:43	59.2	38.5	0.1	2.2	-42.97	-42.97	-43.28	57.8	1.3	Valve Adjustment:No Change,Valve 100% open
OXMPEW33	6/4/2024 10:16	47.0	36.4	0.0	16.6	-12.56	-12.12	-48.32	80.3	15.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMPEW33	6/25/2024 12:55	57.9	38.6	0.0	3.5	-10.42	-10.44	-43.22	80.3	13.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
<b>OXMPEW35</b>	6/13/2024 11:44	51.5	36.5	0.9	11.1	-44.23	-44.51	-44.46	118.3	27.9	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXMPEW35</b>	6/25/2024 14:15	50.8	35.6	0.4	13.2	-34.05	-34.22	-34.26	119.9	21.1	Valve Adjustment:No Change
OXMPEW44	6/6/2024 8:14	58.3	39.1	0.5	2.1	-51.69	-51.78	-51.65	66.8	3.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	6/26/2024 12:29	60.7	35.7	0.4	3.2	-44.85	-45.26	-44.98	67.6	2.2	Valve Adjustment:No Change,Valve 100% open
OXSS2032	6/7/2024 11:11	50.1	40.5	0.0	9.4	-21.08	-21.53	-40.01	76.7	98.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXSS2032	6/19/2024 14:44	57.0	37.6	0.0	5.4	-19.34	-19.28	-35.35	78.0	96.9	Valve Adjustment:No Change,Valve 100% open
OXSS2033	6/7/2024 11:30	58.4	39.3	0.3	2.0	-39.03	-39.20	-46.16	66.2	33.6	Valve Adjustment:No Change,Valve 100% open
OXSS2033	6/19/2024 14:18	59.6	35.6	0.1	4.7	-34.46	-34.38	-38.78	87.6	28.3	Valve Adjustment:No Change,Valve 100% open

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXSS2034	6/7/2024 11:28	55.8	35.8	0.2	8.2	-44.22	-44.51	-44.43	66.1	6.2	Valve Adjustment:No Change,Valve 100% open
OXSS2034	6/19/2024 14:16	54.4	30.9	0.4	14.3	-36.66	-36.95	-37.72	87.3	19.9	Valve Adjustment:No Change,Valve 100% open
OXSS2215	6/7/2024 14:57	32.7	26.3	4.8	36.2	-0.03	-0.03	-41.23	84.3	7.0	Valve Adjustment:No Change,Valve at minimum position
OXSS2215	6/26/2024 11:02	32.6	25.6	4.7	37.1	-0.04	-0.07	-37.82	91.1	8.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXSS2216	6/5/2024 15:55	53.7	38.2	1.0	7.1	-31.11	-34.61	-43.62	76.0	53.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXSS2216	6/5/2024 15:56	52.9	37.6	1.0	8.5	-34.95	-34.95	-40.51	75.8	59.9	Valve Adjustment:No Change,Valve 100% open
OXSS2216	6/24/2024 12:15	49.3	37.8	2.0	10.9	-34.82	-34.86	-40.01	77.8	58.9	Valve Adjustment:No Change,Valve 100% open

<sup>1</sup> - Oxygen is only required to be monitored per NESHAP Subpart AAAA and high percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are highlighted for reporting purposes only.

***Bold Italics*** = HOV/LTCO approval from BAAQMD

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

\*\*Well OXEWHC6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk.. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

≤140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii)
OXEW1618, OXMEW205, OXMEW209, OXMPW35

≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, <del>OXLCSR04</del> , OXLCSR4A, OXLCSR4B, <del>OXLCSR06</del> , <del>OXLCSR06</del> , OXLCSR07, <del>OXMEWHC6</del> , <del>OXMTBTC1</del> , OXMEWH7, and <del>OXMHCF06</del> .

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, <del>OXLCSR04</del> , OXLCSR4A, OXLCSR4B, <del>OXLCSR06</del> , <del>OXLCSR06</del> , and OXLCSR07.

\*Wells that have been decommissioned are noted with a strikethrough.

Total Number of Active Wells	223
Total Number of Well Readings	483
Total Number of Readings NOT Collected	0

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMLEW101	7/11/2024 17:51	49.8	33.5	1.2	15.5	-8.10	-8.03	-21.81	93.0	19.3	Valve Adjustment:No Change,Valve 15% open
OMLEW101	7/17/2024 13:11	39.8	34.4	1.7	24.1	-10.07	-9.71	-32.16	95.3	4.1	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW101	7/29/2024 14:23	43.9	32.3	1.8	22.0	-8.41	-6.74	-27.69	89.8	18.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OMLEW104	7/11/2024 17:44	59.5	39.1	0.5	0.9	-34.97	-35.22	-36.61	87.8	51.6	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW104	7/18/2024 10:21	45.6	36.6	1.8	16.0	-48.25	-48.25	-49.36	83.2	46.8	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW59	7/3/2024 15:25	56.1	31.5	0.0	12.4	-1.54	-1.58	-35.29	106.2	10.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OMLFEW59	7/16/2024 9:40	49.0	41.5	0.0	9.5	-1.99	-1.97	-43.54	106.7	14.9	Valve Adjustment:No Change
OMLFEW72	7/10/2024 9:25	41.4	36.9	0.0	21.7	-2.91	-3.24	-41.58	73.2	9.5	Valve Adjustment:No Change
OMLFEW72	7/16/2024 14:30	34.3	33.3	0.0	32.4	-20.93	-21.33	-46.31	78.1	4.8	Valve Adjustment:Closed valve 1/2 turn or less
OMLFEW99	7/3/2024 16:02	48.8	36.9	0.0	14.3	-0.81	-0.77	-51.32	72.0	11.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLFEW99	7/16/2024 9:44	47.8	40.1	0.0	12.1	-0.91	-0.96	-51.52	67.1	11.3	Valve Adjustment:No Change
OMTLTS01	7/9/2024 11:58	19.4	20.8	7.1	52.7	-0.19	-0.18	-31.08	89.2	3.5	Valve Adjustment:No Change
OMTLTS01	7/19/2024 10:40	23.2	22.0	7.6	47.2	-0.19	-0.18	-41.02	91.1	4.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	7/9/2024 11:55	48.6	37.1	0.4	13.9	-0.23	-0.24	-27.01	75.8	5.3	Valve Adjustment:No Change
OMTLTS02	7/19/2024 10:44	50.7	33.6	1.0	14.7	-0.18	-0.18	-41.34	74.9	6.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	7/9/2024 11:52	26.1	20.3	6.9	46.7	-0.20	-0.21	-28.30	80.8	0.7	Valve Adjustment:No Change
OMTLTS03	7/19/2024 10:47	38.6	31.5	5.3	24.6	-0.10	-0.10	-41.24	82.0	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	7/9/2024 11:45	17.0	23.3	0.0	59.7	-0.20	-0.20	-31.08	81.3	2.4	Valve Adjustment:No Change
OMTLTS04	7/17/2024 10:53	15.6	23.0	0.1	61.3	-0.34	-0.32	-47.66	77.9	3.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	7/9/2024 11:43	10.3	13.8	4.4	71.5	-0.19	-0.19	-26.53	81.6	0.7	Valve Adjustment:No Change
OMTLTS05	7/17/2024 10:49	14.6	17.8	0.7	66.9	-0.38	-0.34	-48.13	79.2	3.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	7/10/2024 11:45	20.8	12.7	8.6	57.9	-0.40	-0.26	-39.12	80.7	8.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	7/17/2024 10:56	15.2	24.2	7.9	52.7	-0.30	-0.30	-47.85	73.2	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	7/9/2024 10:53	50.8	34.9	1.7	12.6	-0.04	-0.05	-1.11	67.7	1.0	
OMTLTS07	7/17/2024 10:22	27.5	23.9	8.7	39.9	-0.25	-0.24	-33.38	64.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	7/11/2024 10:45	15.8	0.9	2.3	81.0	-0.48	-0.41	-0.06	87.0	2.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	7/17/2024 10:17	39.5	31.2	2.3	27.0	-1.35	-0.47	-39.05	85.5	19.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OMTLTS09	7/9/2024 10:46	26.9	23.4	3.0	46.7	-0.42	-0.42	-24.59	87.0	5.7	Valve Adjustment:No Change
OMTLTS09	7/17/2024 10:11	7.0	13.6	11.7	67.7	-0.89	-0.51	-45.57	88.3	8.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	7/9/2024 10:35	1.1	3.8	14.7	80.4	-0.28	-0.27	-25.09	67.1	0.5	Valve Adjustment:No Change
OMTLTS10	7/17/2024 12:47	0.3	5.3	13.9	80.5	-0.40	-0.24	-45.29	78.6	5.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	7/10/2024 12:14	3.3	3.1	10.6	83.0	-0.61	-0.36	-40.26	77.0	5.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	7/17/2024 12:56	44.2	34.1	13.8	7.9	-0.16	-0.15	-48.96	73.0	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	7/10/2024 12:06	23.4	15.5	9.9	51.2	-0.24	-0.24	-41.52	79.5	0.2	Valve Adjustment:No Change,Valve at minimum position

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMTLTS12	7/18/2024 10:41	35.5	33.5	11.4	19.6	-0.14	-0.14	-48.47	74.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	7/9/2024 10:12	22.5	23.2	3.7	50.6	-0.40	-0.40	-28.55	95.0	2.8	Valve Adjustment:No Change
OMTLTS15	7/17/2024 13:18	15.8	15.6	5.3	63.3	-0.38	-0.27	-49.29	96.4	3.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	7/9/2024 10:06	37.0	29.8	2.5	30.7	-0.30	-0.31	-23.32	68.9	0.6	Valve Adjustment:No Change
OMTLTS16	7/17/2024 13:23	27.9	21.6	4.1	46.4	-0.22	-0.22	-40.19	80.2	0.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	7/9/2024 9:56	52.2	36.3	1.4	10.1	-0.24	-0.25	-37.66	69.8	1.5	Valve Adjustment:No Change
OMTLTS17	7/17/2024 13:36	45.8	32.0	3.1	19.1	-0.22	-0.22	-48.95	79.2	1.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	7/9/2024 9:53	44.0	32.0	3.6	20.4	-0.24	-0.24	-37.19	67.1	7.0	Valve Adjustment:No Change
OMTLTS18	7/17/2024 13:41	47.8	32.4	3.1	16.7	-0.31	-0.29	-44.16	73.4	8.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS19	7/9/2024 9:49	34.7	27.9	7.6	29.8	-0.13	-0.14	-37.61	69.5	0.7	Valve Adjustment:No Change
OMTLTS19	7/17/2024 13:46	16.7	9.2	14.4	59.7	-0.27	-0.12	-39.47	79.4	1.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	7/9/2024 9:27	47.5	35.1	0.1	17.3	-0.27	-0.27	-37.64	72.4	11.4	Valve Adjustment:No Change
OMTLTS20	7/17/2024 13:50	34.1	23.5	4.3	38.1	-0.25	-0.11	-38.54	76.2	7.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXE2022R	7/10/2024 14:57	52.8	36.3	1.1	9.8	-38.86	-38.63	-42.17	103.3	1.6	Valve Adjustment:No Change,Valve 30% open
OXE2022R	7/17/2024 8:16	48.6	40.0	1.1	10.3	-45.11	-45.07	-42.24	79.1	3.0	Valve Adjustment:No Change
OXEW133B	7/10/2024 12:51	25.3	24.4	3.8	46.5	-37.47	-37.54	-44.94	110.6	90.2	Valve Adjustment:No Change
OXEW133B	7/18/2024 8:22	46.4	30.9	0.3	22.4	-29.76	-24.31	-47.79	56.5	37.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	7/10/2024 12:48	23.8	22.0	4.5	49.7	-4.10	-4.11	-44.61	99.6	0.0	Valve Adjustment:No Change
OXEW134A	7/18/2024 8:17	32.8	33.9	1.8	31.5	-4.49	-4.66	-47.82	59.5	0.0	Valve Adjustment:No Change
OXEW134B	7/10/2024 12:44	47.5	36.5	1.5	14.5	-3.76	-3.72	-44.31	95.8	2.2	Valve Adjustment:No Change
OXEW134B	7/18/2024 8:14	39.2	37.7	3.3	19.8	-0.16	-0.15	-47.57	65.3	17.4	Valve Adjustment:No Change
OXEW137B	7/9/2024 11:36	54.9	41.6	0.0	3.5	-25.05	-26.20	-24.80	81.6	24.6	Valve Adjustment:No Change
OXEW137B	7/17/2024 10:35	52.3	44.7	1.2	1.8	-45.32	-46.34	-45.80	78.1	4.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	7/10/2024 8:48	57.0	40.9	0.0	2.1	-10.03	-10.09	-35.92	89.6	54.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	7/16/2024 13:55	59.6	39.2	0.0	1.2	-16.17	-16.41	-44.95	95.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	7/29/2024 14:55	59.9	40.1	0.0	0.0	-16.33	-23.33	-46.23	97.8	69.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXEW1602	7/10/2024 9:04	56.6	41.4	0.0	2.0	-27.18	-27.20	-38.11	93.7	30.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	7/16/2024 14:11	53.0	40.3	0.0	6.7	-45.45	-45.69	-46.28	101.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	7/29/2024 15:25	57.4	40.5	0.1	2.0	-40.21	-41.35	-46.26	103.3	24.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1603	7/8/2024 9:33	57.2	42.8	0.0	0.0	-41.60	-42.34	-41.54	96.5	3.0	Valve Adjustment:No Change
OXEW1603	7/16/2024 12:46	58.2	39.9	0.0	1.9	-50.07	-49.85	-49.67	108.6	5.5	Valve Adjustment:No Change
OXEW1604	7/8/2024 9:43	51.0	41.2	0.0	7.8	-6.67	-6.63	-39.58	122.0	166.1	Valve Adjustment:No Change
OXEW1604	7/16/2024 12:56	54.5	39.3	0.0	6.2	-0.19	-0.23	-42.22	122.8	0.0	Valve Adjustment:No Change
OXEW1611	7/9/2024 12:59	35.6	28.5	4.8	31.1	-27.05	-27.22	-27.12	74.1	0.1	Valve Adjustment:No Change

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1611	7/18/2024 9:15	46.3	33.4	3.6	16.7	-40.94	-40.91	-41.15	65.0	1.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1613	7/8/2024 9:48	53.2	40.5	0.0	6.3	-0.97	-1.05	-41.35	124.9	0.0	Valve Adjustment:No Change
OXEW1613	7/16/2024 13:01	53.8	38.1	0.0	8.1	-0.78	-1.46	-49.81	125.6	0.0	Valve Adjustment:No Change
OXEW1614	7/8/2024 11:31	47.0	39.9	0.0	13.1	-1.85	-1.84	-48.29	114.6	0.0	Valve Adjustment:No Change
OXEW1614	7/17/2024 8:54	48.2	41.4	0.0	10.4	-1.98	-2.25	-49.66	113.3	13.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	7/8/2024 11:17	47.9	39.4	0.0	12.7	-29.35	-29.35	-30.06	113.7	17.4	Valve Adjustment:No Change
OXEW1616	7/17/2024 8:42	50.4	41.5	0.0	8.1	-38.63	-39.02	-41.35	115.9	21.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1617	7/8/2024 12:35	48.8	40.9	0.0	10.3	-3.75	-3.74	-27.53	129.8	14.0	Valve Adjustment:No Change
OXEW1617	7/17/2024 10:00	51.1	43.0	0.0	5.9	-4.00	-4.00	-46.20	130.4	14.9	Valve Adjustment:No Change
<b>OXEW1618</b>	7/8/2024 11:39	48.5	41.3	0.0	10.2	-2.64	-2.64	-48.72	129.6	22.7	Valve Adjustment:No Change
<b>OXEW1618</b>	7/17/2024 9:02	48.1	42.5	0.0	9.4	-3.31	-3.33	-49.92	129.8	25.8	Valve Adjustment:No Change
OXEW1619	7/9/2024 9:07	56.2	43.3	0.0	0.5	-27.71	-27.84	-27.82	110.0	11.8	Valve Adjustment:No Change
OXEW1619	7/17/2024 11:24	57.2	38.0	0.3	4.5	-35.89	-35.66	-35.81	111.4	10.9	Valve Adjustment:No Change,Valve 100% open
OXEW1620	7/9/2024 9:13	35.6	34.1	0.0	30.3	-15.51	-15.34	-28.34	103.9	5.1	Valve Adjustment:No Change
OXEW1620	7/17/2024 11:29	40.9	35.9	0.2	23.0	-19.01	-15.18	-33.35	108.4	6.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1621	7/9/2024 8:09	31.5	33.8	0.0	34.7	-2.16	-2.18	-27.82	115.1	31.7	Valve Adjustment:No Change
OXEW1621	7/17/2024 12:22	32.8	34.1	0.1	33.0	-2.99	-2.87	-48.61	115.7	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	7/9/2024 9:02	44.1	34.4	4.6	16.9	-1.14	-1.18	-24.57	114.6	0.0	Valve Adjustment:No Change
OXEW1622	7/18/2024 11:07	43.0	33.8	4.9	18.3	-7.60	-8.29	-43.07	114.8	0.0	Valve Adjustment:No Change
OXEW1701	7/8/2024 13:00	58.7	41.3	0.0	0.0	-33.76	-33.97	-34.08	118.3	10.1	Valve Adjustment:No Change
OXEW1701	7/17/2024 10:35	57.6	42.4	0.0	0.0	-41.94	-42.02	-42.69	119.3	21.2	Valve Adjustment:No Change
OXEW1702	7/8/2024 10:33	57.9	42.1	0.0	0.0	-31.70	-31.55	-34.32	124.0	31.4	Valve Adjustment:No Change
OXEW1702	7/17/2024 8:03	58.3	41.7	0.0	0.0	-36.87	-36.95	-40.19	124.3	41.6	Valve Adjustment:No Change
OXEW1703	7/8/2024 10:46	56.2	43.8	0.0	0.0	-37.46	-37.97	-37.47	74.0	0.9	Valve Adjustment:No Change
OXEW1703	7/17/2024 8:13	57.0	43.0	0.0	0.0	-38.35	-38.28	-38.70	73.2	5.9	Valve Adjustment:No Change
OXEW1705	7/8/2024 10:02	57.4	42.6	0.0	0.0	-34.01	-34.35	-34.94	115.0	5.4	Valve Adjustment:No Change
OXEW1705	7/16/2024 13:18	57.2	40.5	0.0	2.3	-41.85	-41.78	-42.75	116.0	19.5	Valve Adjustment:No Change
OXEW1716	7/3/2024 13:02	58.2	41.5	0.0	0.3	-43.76	-43.76	-45.49	94.9	17.3	Valve Adjustment:No Change,Valve 100% open
OXEW1716	7/16/2024 9:28	57.7	42.3	0.0	0.0	-45.76	-45.76	-47.59	84.4	16.8	Valve Adjustment:No Change
OXEW1717	7/3/2024 10:37	54.5	31.1	1.8	12.6	-4.06	-4.90	-48.38	87.9	4.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1717	7/18/2024 8:48	63.6	29.7	1.1	5.6	-47.66	-48.71	-50.86	77.0	1.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1801	7/8/2024 11:23	53.7	44.6	0.0	1.7	-4.86	-4.90	-32.59	128.2	14.5	Valve Adjustment:No Change
OXEW1801	7/17/2024 8:47	55.3	44.7	0.0	0.0	-4.73	-4.82	-32.86	128.7	32.5	Valve Adjustment:No Change
OXEW1804	7/8/2024 11:43	56.2	43.3	0.0	0.5	-45.02	-45.02	-46.37	120.6	13.2	Valve Adjustment:No Change

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1804	7/17/2024 9:08	56.1	43.9	0.0	0.0	-48.76	-48.76	-50.15	120.9	26.6	Valve Adjustment:No Change
OXEW1805	7/8/2024 11:46	50.6	40.7	1.3	7.4	-42.18	-42.27	-44.30	113.5	14.4	Valve Adjustment:No Change
OXEW1805	7/17/2024 9:11	56.3	43.7	0.0	0.0	-47.63	-47.67	-49.77	113.8	17.0	Valve Adjustment:No Change
OXEW1806	7/8/2024 13:29	55.1	43.5	0.0	1.4	-0.03	-0.04	-38.63	113.7	14.5	Valve Adjustment:No Change
OXEW1806	7/17/2024 11:27	54.9	39.1	0.2	5.8	-0.04	-0.18	-39.56	116.1	9.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1807	7/8/2024 11:03	53.9	42.4	0.0	3.7	-28.62	-28.51	-46.17	130.4	18.4	Valve Adjustment:No Change
OXEW1807	7/17/2024 8:26	54.8	42.3	0.0	2.9	-17.06	-17.36	-46.62	130.3	26.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1810	7/3/2024 13:35	48.1	34.7	0.6	16.6	-47.15	-47.15	-46.98	85.5	2.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 85% open
OXEW1810	7/16/2024 9:12	46.9	32.6	0.0	20.5	-48.83	-48.73	-48.73	66.1	0.3	Valve Adjustment:No Change
OXEW1811	7/8/2024 12:06	45.9	34.6	3.4	16.1	-30.49	-30.35	-40.98	82.3	18.1	Valve Adjustment:No Change
OXEW1811	7/17/2024 9:33	45.0	36.8	3.6	14.6	-36.71	-36.52	-49.30	68.7	6.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1813	7/8/2024 11:12	56.9	43.1	0.0	0.0	-29.01	-28.97	-29.88	104.1	6.9	Valve Adjustment:No Change
OXEW1813	7/17/2024 8:37	57.0	43.0	0.0	0.0	-43.12	-43.28	-44.79	106.2	39.4	Valve Adjustment:No Change
OXEW1815	7/8/2024 13:18	45.5	37.9	0.0	16.6	-5.96	-5.98	-30.59	121.1	2.8	Valve Adjustment:No Change
OXEW1815	7/17/2024 11:14	47.8	35.4	0.0	16.8	-7.32	-7.71	-49.38	122.5	15.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1816	7/10/2024 14:39	55.5	35.3	0.0	9.2	-22.96	-22.96	-37.41	121.8	93.3	Valve Adjustment:No Change,Valve 100% open
OXEW1816	7/18/2024 10:05	49.6	40.5	0.0	9.9	-25.00	-25.13	-41.23	121.4	96.7	Valve Adjustment:No Change
OXEW1817	7/10/2024 14:00	59.7	40.1	0.1	0.1	-38.00	-38.03	-38.12	123.5	12.9	Valve Adjustment:No Change,Valve 100% open
OXEW1817	7/18/2024 9:34	57.5	39.7	0.0	2.8	-42.27	-42.83	-42.30	116.2	7.3	Valve Adjustment:No Change,Valve 100% open
OXEW1817	7/18/2024 10:01	57.8	42.2	0.0	0.0	-41.89	-41.87	-41.73	116.6	2.3	Valve Adjustment:No Change
OXEW1821	7/3/2024 14:31	20.9	23.6	0.1	55.4	-0.19	-0.18	-47.68	80.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	7/16/2024 8:40	13.2	20.0	0.0	66.8	-0.26	-0.25	-48.60	57.0	0.2	Valve Adjustment:No Change
OXEW1822	7/3/2024 14:23	8.3	17.6	0.4	73.7	-0.16	-0.11	-48.17	88.6	0.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	7/16/2024 8:43	9.7	18.4	0.0	71.9	-0.13	-0.12	-48.49	57.4	0.2	Valve Adjustment:No Change
OXEW1823	7/3/2024 14:20	14.6	18.3	0.2	66.9	-0.07	-0.07	-47.85	92.0	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	7/16/2024 8:51	12.1	22.0	0.0	65.9	-0.07	-0.06	-48.77	60.7	0.2	Valve Adjustment:No Change
OXEW1824	7/3/2024 13:40	63.2	33.7	0.0	3.1	-47.72	-47.73	-47.82	90.1	4.0	Valve Adjustment:No Change,Valve 100% open
OXEW1824	7/16/2024 9:08	63.0	35.2	0.0	1.8	-48.85	-48.68	-48.69	63.2	0.8	Valve Adjustment:No Change
OXEW1825	7/3/2024 14:06	41.8	30.2	2.2	25.8	-3.81	-3.79	-48.34	89.5	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1825	7/16/2024 9:14	48.6	36.2	0.7	14.5	-7.61	-7.59	-48.71	63.3	0.8	Valve Adjustment:No Change
OXEW1826	7/11/2024 17:26	54.1	36.1	1.2	8.6	-1.26	-1.27	-36.27	84.8	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1826	7/17/2024 11:52	52.9	36.2	0.3	10.6	-10.15	-10.31	-43.70	87.7	8.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1901	7/10/2024 13:47	26.4	19.3	10.9	43.4	-42.79	-42.52	-45.25	82.2	5.8	Valve Adjustment:NSPS/CAI,Valve at minimum position
OXEW1901	7/10/2024 13:50	27.5	19.6	11.5	41.4	-42.06	-42.06	-45.37	82.5	8.9	Valve Adjustment:NSPS/CAI,No Change

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1901	7/18/2024 8:04	59.1	40.1	0.8	0.0	-29.51	-29.83	-47.96	70.5	13.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1902	7/8/2024 10:41	42.4	37.0	0.0	20.6	-4.77	-4.76	-35.02	79.3	13.6	Valve Adjustment:No Change
OXEW1902	7/17/2024 8:07	45.2	38.1	0.0	16.7	-5.33	-5.38	-42.66	79.7	16.0	Valve Adjustment:No Change
OXEW1904	7/8/2024 10:54	46.4	37.7	0.1	15.8	-29.46	-29.44	-40.56	111.1	62.4	Valve Adjustment:No Change
OXEW1904	7/17/2024 8:19	48.4	39.3	0.0	12.3	-29.63	-29.94	-41.50	111.3	65.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1908	7/9/2024 13:06	54.9	41.3	0.0	3.8	-25.89	-26.05	-27.20	107.3	51.5	Valve Adjustment:No Change
OXEW1908	7/18/2024 9:27	53.5	42.1	0.0	4.4	-38.52	-38.57	-40.71	106.4	64.9	Valve Adjustment:No Change
OXEW1909	7/9/2024 13:38	57.6	42.4	0.0	0.0	-37.68	-39.47	-41.66	103.6	44.6	Valve Adjustment:No Change
OXEW1909	7/16/2024 12:16	60.3	36.9	0.0	2.8	-45.46	-46.37	-46.41	102.0	36.5	Valve Adjustment:No Change
OXEW1910	7/9/2024 13:11	42.4	34.8	2.2	20.6	-3.72	-3.71	-34.14	127.7	38.3	Valve Adjustment:No Change
OXEW1910	7/18/2024 9:38	39.1	33.8	2.9	24.2	-4.52	-2.32	-48.26	129.0	46.4	Valve Adjustment:Closed valve >1 turn
OXEW1910	7/18/2024 10:13	45.0	36.0	1.8	17.2	-1.30	-1.09	-46.69	126.7	21.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1910	7/18/2024 10:37	47.2	39.6	1.4	11.8	-1.03	-0.88	-46.62	126.7	21.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1912	7/10/2024 8:42	56.0	39.9	0.0	4.1	-8.25	-9.35	-34.51	82.5	2.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1912	7/16/2024 13:49	41.9	33.1	1.1	23.9	-16.65	-16.72	-53.44	88.9	56.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1912	7/29/2024 14:43	43.4	34.4	1.6	20.6	-15.18	-6.75	-45.86	90.7	3.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1915	7/3/2024 10:58	56.3	40.5	0.4	2.8	-2.57	-2.92	-48.79	82.2	6.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1915	7/16/2024 9:48	56.6	41.5	0.0	1.9	-3.29	-3.29	-51.40	72.6	8.3	Valve Adjustment:No Change
OXEW1916	7/10/2024 15:14	42.4	33.9	4.8	18.9	-44.51	-44.28	-44.67	82.7	2.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1916	7/16/2024 11:19	43.8	31.3	4.8	20.1	-49.66	-49.74	-49.48	73.4	0.8	Valve Adjustment:No Change
OXEW1917	7/10/2024 9:39	52.1	40.7	0.0	7.2	-40.66	-40.73	-40.98	75.8	2.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1917	7/16/2024 11:11	47.6	39.9	0.0	12.5	-49.38	-49.39	-49.05	77.6	1.6	Valve Adjustment:No Change
OXEW1919	7/3/2024 14:28	35.0	29.7	0.0	35.3	-3.59	-3.58	-48.03	80.2	1.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	7/16/2024 8:46	44.2	33.3	0.0	22.5	-1.76	-1.74	-48.27	61.9	0.9	Valve Adjustment:No Change
OXEW1920	7/3/2024 14:36	17.5	21.3	0.0	61.2	-6.38	-1.16	-47.95	80.1	2.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	7/16/2024 8:38	13.4	22.1	0.5	64.0	-0.06	-0.06	-48.43	58.1	2.5	Valve Adjustment:No Change
OXEW1921	7/3/2024 13:21	53.7	39.2	0.1	7.0	-44.85	-44.79	-46.48	107.6	28.2	Valve Adjustment:No Change,Valve 100% open
OXEW1921	7/16/2024 9:18	53.2	40.9	0.0	5.9	-46.86	-47.06	-48.39	106.6	12.1	Valve Adjustment:No Change
OXEW2001	7/8/2024 8:55	46.2	38.5	0.0	15.3	-0.70	-0.72	-45.20	118.8	7.0	Valve Adjustment:No Change
OXEW2001	7/16/2024 10:51	53.0	44.0	0.0	3.0	-0.64	-0.65	-48.73	124.5	4.0	Valve Adjustment:No Change
OXEW2002	7/11/2024 17:59	50.4	36.5	1.6	11.5	-19.99	-19.96	-38.65	123.8	73.5	Valve Adjustment:No Change,Valve 25% open
OXEW2002	7/16/2024 10:21	53.7	42.1	0.0	4.2	-35.27	-35.20	-51.06	121.1	19.8	Valve Adjustment:No Change
OXEW2003	7/3/2024 10:19	55.5	40.4	0.0	4.1	-49.31	-49.23	-49.15	90.9	3.1	Valve Adjustment:No Change,Valve 100% open
OXEW2003	7/16/2024 10:16	61.8	38.2	0.0	0.0	-51.99	-51.97	-51.67	82.7	2.9	Valve Adjustment:No Change

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2004	7/3/2024 12:46	53.3	38.3	0.0	8.4	-44.49	-44.53	-50.14	125.3	57.6	Valve Adjustment:No Change,Valve 100% open
OXEW2004	7/16/2024 9:25	51.6	40.5	0.0	7.9	-46.42	-46.42	-51.05	123.8	52.0	Valve Adjustment:No Change
OXEW2005	7/3/2024 13:12	45.1	37.8	2.5	14.6	-5.76	-5.75	-46.97	121.1	5.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2005	7/16/2024 9:21	42.0	35.0	3.9	19.1	-5.39	-5.38	-48.80	109.0	4.2	Valve Adjustment:No Change
OXEW2007	7/3/2024 14:45	58.5	38.5	0.0	3.0	-47.91	-48.30	-48.26	99.4	14.6	Valve Adjustment:No Change,Valve 100% open
OXEW2007	7/16/2024 9:00	60.0	40.0	0.0	0.0	-48.38	-48.34	-48.60	94.5	7.5	Valve Adjustment:No Change
OXEW2008	7/3/2024 14:14	59.4	30.8	0.0	9.8	-48.35	-48.37	-48.27	87.3	10.6	Valve Adjustment:No Change,Valve 100% open
OXEW2008	7/16/2024 8:56	65.2	31.0	0.0	3.8	-48.41	-48.72	-48.54	61.9	2.5	Valve Adjustment:No Change
OXEW2009	7/8/2024 8:28	57.3	42.7	0.0	0.0	-45.64	-45.95	-45.90	92.2	19.2	Valve Adjustment:No Change
OXEW2009	7/17/2024 12:59	56.8	41.4	0.0	1.8	-52.29	-52.05	-52.29	95.1	32.6	Valve Adjustment:No Change
OXEW2010	7/10/2024 15:05	0.0	0.1	20.6	79.3	-44.02	-38.07	-44.99	83.4	11.1	Valve Adjustment:NSPS/CAI,Valve at minimum position
OXEW2010	7/10/2024 15:06	31.2	29.1	3.4	36.3	-36.04	-36.10	-45.15	83.4	11.9	Valve Adjustment:No Change,Valve at minimum position
OXEW2010	7/17/2024 13:18	30.1	27.0	4.8	38.1	-46.64	-46.39	-51.92	81.6	3.7	Valve Adjustment:No Change,Valve at minimum position
OXEW2011	7/8/2024 9:05	42.4	38.0	0.0	19.6	-40.13	-40.35	-42.47	103.6	15.3	Valve Adjustment:No Change
OXEW2011	7/16/2024 11:01	40.8	39.5	0.0	19.7	-45.82	-45.99	-48.59	106.3	10.6	Valve Adjustment:No Change
OXEW2012	7/3/2024 9:57	55.8	39.2	0.0	5.0	-47.40	-47.40	-49.45	104.8	19.9	Valve Adjustment:No Change,Valve 100% open
OXEW2012	7/16/2024 10:30	50.5	43.4	0.0	6.1	-48.72	-48.72	-51.51	105.7	23.8	Valve Adjustment:No Change
OXEW2016	7/8/2024 9:39	56.7	43.3	0.0	0.0	-33.08	-32.99	-43.58	129.8	8.7	Valve Adjustment:No Change
OXEW2016	7/16/2024 12:50	57.6	40.7	0.0	1.7	-13.90	-13.74	-44.99	130.4	6.6	Valve Adjustment:No Change
OXEW2017	7/8/2024 9:28	44.5	36.6	1.0	17.9	-25.09	-24.89	-45.80	129.2	64.5	Valve Adjustment:No Change
OXEW2017	7/16/2024 12:43	42.9	35.2	1.3	20.6	-14.14	-13.28	-51.00	130.2	8.6	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW2020	7/8/2024 13:21	45.5	37.8	0.0	16.7	-23.36	-22.97	-26.14	129.9	27.4	Valve Adjustment:No Change
OXEW2020	7/17/2024 11:18	46.1	36.8	0.5	16.6	-27.37	-27.26	-49.06	130.3	5.9	Valve Adjustment:No Change
OXEW2021	7/10/2024 15:07	33.1	23.7	8.8	34.4	-2.87	-1.27	-44.94	85.5	1.4	Valve Adjustment:NSPS,Closed valve 1/2 turn or less
OXEW2021	7/10/2024 15:09	18.5	12.6	14.8	54.1	-0.81	-0.79	-45.58	86.8	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW2021	7/17/2024 11:05	60.8	36.2	0.3	2.7	-2.02	-2.57	-47.62	78.1	3.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2022	7/8/2024 10:51	48.8	38.2	0.9	12.1	-44.51	-44.64	-41.21	76.6	43.9	Valve Adjustment:No Change
OXEW2022	7/8/2024 12:52	54.8	41.5	0.0	3.7	-26.65	-26.30	-26.93	121.5	6.6	Valve Adjustment:No Change
OXEW2022	7/17/2024 10:21	55.1	43.5	0.0	1.4	-46.37	-46.37	-47.74	121.0	28.7	Valve Adjustment:No Change
OXEW2023	7/8/2024 10:16	57.1	41.3	0.0	1.6	-41.04	-40.87	-42.05	126.0	39.4	Valve Adjustment:No Change
OXEW2023	7/16/2024 13:29	59.0	39.1	0.0	1.9	-41.30	-41.57	-42.58	126.1	43.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2024	7/9/2024 12:45	56.5	43.3	0.0	0.2	-32.06	-31.14	-31.61	125.5	11.2	Valve Adjustment:No Change
OXEW2024	7/18/2024 9:04	56.8	43.2	0.0	0.0	-41.62	-41.42	-42.32	125.5	17.6	Valve Adjustment:No Change
OXEW2024	7/29/2024 11:59	54.4	39.0	0.1	6.5	-40.03	-39.73	-40.01	125.6	6.4	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2026	7/9/2024 13:23	52.5	39.1	1.7	6.7	-35.95	-35.72	-35.74	75.9	3.1	Valve Adjustment:No Change
OXEW2026	7/16/2024 11:58	53.8	33.6	2.0	10.6	-46.95	-46.42	-46.26	75.5	1.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2027	7/10/2024 14:15	32.9	25.0	8.2	33.9	-39.20	-39.06	-39.29	78.1	1.0	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position
OXEW2027	7/10/2024 14:16	34.5	26.3	7.7	31.5	-39.68	-39.52	-39.80	78.5	1.1	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position
OXEW2027	7/19/2024 15:36	53.2	34.9	2.8	9.1	-40.25	-40.40	-40.49	82.1	1.0	Valve Adjustment:Valve 100% open,Closed valve 1/2 turn or less
OXEW2028	7/9/2024 13:47	41.0	30.2	4.9	23.9	-44.65	-44.98	-44.61	77.7	8.2	Valve Adjustment:No Change
OXEW2028	7/23/2024 8:39	49.1	35.7	2.5	12.7	-6.09	-6.09	-18.50	85.4	2.2	Valve Adjustment:No Change,Valve at minimum position
OXEW2029	7/11/2024 17:16	54.9	35.0	0.1	10.0	-4.02	-4.10	-34.71	126.8	29.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2029	7/17/2024 10:18	47.0	40.4	0.0	12.6	-11.56	-11.94	-48.98	123.5	26.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2030	7/8/2024 9:57	57.8	42.2	0.0	0.0	-26.34	-26.51	-27.50	121.0	13.1	Valve Adjustment:No Change
OXEW2030	7/16/2024 13:13	57.9	40.2	0.0	1.9	-40.27	-40.27	-41.60	122.7	25.9	Valve Adjustment:No Change
OXEW2031	7/8/2024 9:51	53.9	41.7	0.0	4.4	-39.99	-39.99	-40.96	125.7	38.5	Valve Adjustment:No Change
OXEW2031	7/16/2024 13:06	54.5	39.4	0.0	6.1	-48.70	-48.66	-50.02	126.0	50.5	Valve Adjustment:No Change
OXEW2101	7/9/2024 7:58	49.8	40.5	0.0	9.7	-0.61	-0.57	-27.69	122.6	14.6	Valve Adjustment:No Change
OXEW2101	7/17/2024 12:36	51.1	40.6	0.0	8.3	-1.05	-1.17	-48.92	124.6	20.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2102	7/9/2024 12:56	57.0	42.3	0.0	0.7	-26.74	-26.84	-27.43	99.3	14.3	Valve Adjustment:No Change
OXEW2102	7/18/2024 9:21	57.5	42.5	0.0	0.0	-39.97	-40.02	-40.83	82.7	22.7	Valve Adjustment:No Change
OXEW2103	7/9/2024 12:49	46.3	35.3	2.6	15.8	-26.22	-26.39	-35.38	110.9	50.0	Valve Adjustment:No Change
OXEW2103	7/18/2024 9:08	44.7	35.6	3.1	16.6	-33.26	-33.75	-42.29	110.6	51.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2104	7/9/2024 12:37	57.1	42.1	0.0	0.8	-29.43	-29.72	-35.21	116.5	49.2	Valve Adjustment:No Change
OXEW2104	7/18/2024 8:55	58.2	41.8	0.0	0.0	-37.90	-37.84	-44.98	116.6	190.1	Valve Adjustment:No Change
OXEW2105	7/10/2024 14:21	59.8	39.6	0.0	0.6	-37.46	-37.51	-37.48	106.8	1.3	Valve Adjustment:No Change,Valve 100% open
OXEW2105	7/16/2024 12:08	62.9	35.6	0.0	1.5	-40.97	-41.13	-40.77	104.7	3.9	Valve Adjustment:No Change
OXEW2105	7/18/2024 9:32	57.7	42.3	0.0	0.0	-40.67	-40.57	-40.65	104.8	3.6	Valve Adjustment:No Change
OXEW2106	7/10/2024 8:45	57.4	41.5	0.0	1.1	-33.72	-33.72	-34.38	78.8	9.8	Valve Adjustment:No Change
OXEW2106	7/16/2024 13:51	58.6	40.1	0.0	1.3	-52.05	-52.13	-52.04	94.0	6.9	Valve Adjustment:No Change
OXEW2106	7/29/2024 14:46	59.1	39.2	0.1	1.6	-45.59	-45.64	-45.99	95.7	8.1	Valve Adjustment:No Change,Valve 100% open
OXEW2106	7/29/2024 14:50	59.2	40.1	0.1	0.6	-45.17	-45.29	-45.86	95.0	9.6	Valve Adjustment:No Change,Valve 100% open
OXEW2107	7/3/2024 7:37	57.3	40.7	0.0	2.0	-36.35	-36.76	-36.13	105.1	14.5	Valve Adjustment:No Change,Valve 100% open
OXEW2107	7/16/2024 10:48	55.9	44.1	0.0	0.0	-38.78	-38.61	-38.39	104.8	8.2	Valve Adjustment:No Change
OXEW2108	7/3/2024 9:50	49.6	36.4	0.2	13.8	-42.11	-41.60	-49.90	122.8	35.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2108	7/16/2024 10:24	45.7	40.4	0.0	13.9	-42.51	-42.53	-52.04	121.5	35.6	Valve Adjustment:No Change
OXEW2109	7/8/2024 9:02	18.5	28.5	0.0	53.0	-45.17	-44.54	-46.55	81.4	2.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2109	7/16/2024 10:58	18.7	29.2	0.0	52.1	-48.38	-48.38	-51.16	89.7	1.1	Valve Adjustment:No Change

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2110	7/8/2024 10:06	57.5	42.5	0.0	0.0	-31.90	-31.64	-34.42	99.1	24.3	Valve Adjustment:No Change
OXEW2110	7/16/2024 13:21	58.1	39.9	0.0	2.0	-38.72	-39.28	-40.61	99.4	93.9	Valve Adjustment:No Change
OXEW2111	7/10/2024 8:58	56.8	42.4	0.0	0.8	-29.72	-30.38	-37.75	95.8	6.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2111	7/16/2024 14:05	56.8	40.6	0.0	2.6	-48.73	-48.72	-46.79	102.5	0.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2111	7/29/2024 15:15	56.0	38.6	0.0	5.4	-42.34	-43.19	-46.51	105.5	7.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2111	7/29/2024 15:20	57.0	40.3	0.0	2.7	-37.51	-37.51	-45.81	103.4	34.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2112	7/10/2024 11:04	57.4	40.7	0.0	1.9	-42.83	-42.73	-43.93	108.0	33.6	Valve Adjustment:No Change
OXEW2112	7/16/2024 12:34	55.6	37.7	0.0	6.7	-50.67	-50.77	-50.86	107.8	50.5	Valve Adjustment:No Change
OXEW2113	7/10/2024 8:51	57.0	41.9	0.0	1.1	-33.97	-34.05	-34.65	87.4	6.0	Valve Adjustment:No Change
OXEW2113	7/16/2024 13:58	56.7	39.4	0.0	3.9	-51.76	-51.88	-46.26	97.1	6.6	Valve Adjustment:No Change
OXEW2113	7/29/2024 15:00	56.1	40.1	0.3	3.5	-45.06	-45.08	-45.75	99.6	20.9	Valve Adjustment:No Change,Valve 100% open
OXEW2207	7/10/2024 14:14	59.5	39.7	0.0	0.8	-32.96	-32.88	-36.12	122.7	86.7	Valve Adjustment:No Change,Valve 100% open
OXEW2207	7/18/2024 9:23	50.5	41.4	0.0	8.1	-37.46	-37.46	-40.44	118.8	84.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2207	7/29/2024 12:04	50.0	39.5	0.2	10.3	-37.19	-37.21	-39.97	119.3	85.7	Valve Adjustment:No Change
OXEW2208	7/10/2024 9:01	56.6	41.7	0.0	1.7	-5.66	-5.70	-38.39	94.0	6.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2208	7/16/2024 14:08	57.0	39.4	0.0	3.6	-8.96	-10.27	-42.23	103.1	17.4	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXEW2208	7/29/2024 15:46	58.3	39.6	0.1	2.0	-8.05	-10.78	-46.29	105.4	42.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2209	7/9/2024 12:53	57.2	41.1	0.0	1.7	-31.72	-31.72	-32.86	99.3	20.8	Valve Adjustment:No Change
OXEW2209	7/18/2024 9:11	58.2	41.8	0.0	0.0	-39.67	-39.53	-40.91	97.8	49.6	Valve Adjustment:No Change
OXEW2210	7/8/2024 10:43	54.1	41.2	0.0	4.7	-40.10	-39.72	-40.70	108.8	15.3	Valve Adjustment:No Change
OXEW2210	7/17/2024 8:10	54.4	42.0	0.1	3.5	-41.23	-41.24	-41.52	108.5	51.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2211	7/8/2024 10:20	58.2	41.8	0.0	0.0	-38.57	-38.39	-39.69	123.1	56.5	Valve Adjustment:No Change
OXEW2211	7/16/2024 13:32	58.3	39.5	0.0	2.2	-39.48	-39.42	-40.13	123.3	53.3	Valve Adjustment:No Change
OXEW2212	7/9/2024 12:42	48.2	38.3	0.0	13.5	-8.27	-8.38	-36.63	115.4	60.7	Valve Adjustment:No Change
OXEW2212	7/18/2024 9:01	46.6	38.9	0.0	14.5	-9.85	-10.19	-45.32	115.5	65.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2213	7/9/2024 13:19	57.4	41.9	0.0	0.7	-30.55	-30.39	-34.37	111.7	80.4	Valve Adjustment:No Change
OXEW2213	7/16/2024 11:39	59.5	40.5	0.0	0.0	-38.78	-38.78	-44.26	110.4	158.1	Valve Adjustment:No Change
OXEW2214	7/8/2024 10:29	47.7	38.3	0.0	14.0	-41.04	-42.68	-40.97	102.9	14.7	Valve Adjustment:No Change
OXEW2214	7/10/2024 10:13	52.6	39.1	0.0	8.3	-42.79	-42.64	-44.05	103.7	19.7	Valve Adjustment:No Change
OXEW2214	7/17/2024 7:59	46.5	38.1	0.0	15.4	-47.71	-47.64	-48.80	103.2	75.1	Valve Adjustment:No Change
OXEWHC6A**	7/3/2024 10:51	1.7	9.2	12.5	76.6	-0.91	-0.90	-49.06	97.4	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	7/16/2024 9:59	0.8	1.8	14.6	82.8	-7.15	-7.12	-50.88	66.8	0.3	Valve Adjustment:No Change
OXHC1922	7/10/2024 8:55	55.3	40.9	0.0	3.8	-10.73	-11.04	-36.71	90.8	3.3	Valve Adjustment:Opened valve 1/2 turn or less
OXHC1922	7/16/2024 14:02	51.5	37.2	0.0	11.3	-19.80	-20.20	-49.02	101.8	5.6	Valve Adjustment:Opened valve 1/2 turn or less

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXHC1922	7/29/2024 15:03	50.5	37.4	0.3	11.8	-21.06	-21.07	-49.23	78.5	9.2	Valve Adjustment:No Change,Valve 35% open
OXHC1922	7/29/2024 15:11	50.0	38.1	0.3	11.6	-20.59	-20.87	-47.65	102.1	41.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC2000	7/10/2024 10:06	53.7	36.1	1.9	8.3	-39.39	-38.97	-41.27	68.3	4.7	Valve Adjustment:No Change
OXHC2000	7/18/2024 9:14	58.8	36.8	0.2	4.2	-44.17	-44.19	-46.41	68.5	1.6	Valve Adjustment:No Change,Valve 100% open
OXHC2001	7/10/2024 10:04	53.9	36.8	1.9	7.4	-36.42	-37.02	-42.47	77.1	54.6	Valve Adjustment:No Change
OXHC2001	7/18/2024 9:11	63.1	33.7	0.2	3.0	-41.90	-42.16	-47.26	77.1	54.3	Valve Adjustment:No Change,Valve 100% open
OXHC2014	7/10/2024 10:59	57.8	40.4	0.0	1.8	-19.82	-19.78	-42.80	98.4	116.9	Valve Adjustment:No Change
OXHC2014	7/16/2024 12:23	57.5	36.4	0.0	6.1	-27.66	-27.66	-50.83	97.7	119.7	Valve Adjustment:No Change
OXHC2015	7/3/2024 15:35	55.0	37.9	0.0	7.1	-29.55	-26.72	-59.26	109.2	105.6	Valve Adjustment:No Change
OXHC2015	7/18/2024 7:53	54.2	37.7	0.0	8.1	-31.48	-30.50	-57.88	69.5	116.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
OXHC2101	7/9/2024 12:16	34.1	28.0	3.4	34.5	-0.06	-0.05	-35.15	114.6	0.6	Valve Adjustment:No Change
OXHC2101	7/10/2024 9:59	49.7	30.1	2.2	18.0	-0.03	-0.02	-38.03	106.8	3.8	Valve Adjustment:No Change
OXHC2101	7/18/2024 9:23	57.8	35.4	0.1	6.7	-0.01	-0.03	-42.10	79.5	4.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXHC2101	7/18/2024 9:25	59.6	38.6	0.0	1.8	-0.03	-0.03	-42.97	101.0	5.8	Valve Adjustment:No Change
OXLCR13B	7/3/2024 15:42	41.0	33.8	0.0	25.2	-3.58	-3.41	-53.13	113.9	14.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR13B	7/18/2024 8:07	38.9	32.7	0.0	28.4	-3.07	-2.99	-53.10	60.5	7.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR13B	7/18/2024 11:29	31.0	27.9	0.8	40.3	-3.01	-2.98	-54.38	92.9	1.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4A1	7/10/2024 11:19	53.0	36.1	0.1	10.8	-15.14	-6.96	-49.55	69.7	164.2	Valve Adjustment:No Change,Valve 35% open
OXLCR4A1	7/18/2024 8:16	42.6	33.9	0.2	23.3	-47.53	-40.10	-53.77	61.5	72.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXLCR4B1	7/11/2024 18:05	48.9	35.8	1.9	13.4	-0.98	-0.65	-40.23	82.2	0.4	Valve Adjustment:No Change,Valve at minimum position
OXLCR4B1	7/19/2024 13:45	38.2	31.5	3.2	27.1	-1.26	-1.25	-45.44	96.6	0.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	7/10/2024 12:43	58.2	40.0	0.6	1.2	-0.16	-0.17	-45.55	84.5	1.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS07	7/10/2024 12:45	57.0	39.6	1.0	2.4	-0.11	-0.11	-45.38	83.7	4.3	Valve Adjustment:No Change,Valve at minimum position
OXLCRS07	7/17/2024 14:28	50.7	33.0	2.2	14.1	-0.07	-0.08	-50.05	84.2	4.8	Valve Adjustment:No Change
OXLCRS10	7/9/2024 12:19	59.5	39.5	0.0	1.0	-25.26	-24.97	-25.37	93.9	31.9	Valve Adjustment:No Change
OXLCRS10	7/17/2024 14:08	59.4	39.3	0.0	1.3	-37.67	-35.45	-38.41	93.8	36.7	Valve Adjustment:No Change
OXLCRS11	7/9/2024 12:21	47.8	37.4	0.9	13.9	-1.39	-1.41	-22.65	90.8	56.1	Valve Adjustment:No Change
OXLCRS11	7/17/2024 14:05	43.5	36.0	1.9	18.6	-2.24	-1.83	-40.57	91.8	76.6	Valve Adjustment:Closed valve 1/2 turn or less
OXLCRS12	7/9/2024 12:26	58.7	40.3	0.0	1.0	-2.71	-2.71	-24.32	81.6	125.4	Valve Adjustment:No Change
OXLCRS12	7/10/2024 10:18	59.9	40.1	0.0	0.0	-4.93	-4.88	-37.04	81.2	155.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	7/17/2024 13:49	59.3	40.3	0.0	0.4	-32.73	-33.28	-36.36	81.1	141.6	Valve Adjustment:No Change
OXLCRS3A	7/9/2024 10:56	53.3	45.9	0.0	0.8	-16.88	-15.33	-24.54	93.6	140.4	Valve Adjustment:No Change
OXLCRS3A	7/17/2024 10:29	53.9	42.5	0.0	3.6	-39.83	-39.85	-46.10	93.3	128.1	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	7/9/2024 10:58	52.5	45.5	0.0	2.0	-17.23	-15.76	-26.12	93.5	166.7	Valve Adjustment:No Change

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXLCRS3B	7/17/2024 10:31	54.4	45.6	0.0	0.0	-39.31	-38.62	-46.43	93.4	149.9	Valve Adjustment:No Change,Valve 100% open
OXLCRS7B	7/10/2024 12:38	60.4	33.7	0.2	5.7	-0.05	-0.13	-45.74	84.0	2.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXLCRS7B	7/17/2024 14:31	50.2	34.7	2.1	13.0	-0.07	-0.08	-49.97	84.9	3.1	Valve Adjustment:No Change
OXLCRS8A	7/3/2024 15:37	54.2	39.8	0.0	6.0	-50.78	-50.74	-52.96	112.1	38.1	Valve Adjustment:No Change,Valve 100% open
OXLCRS8A	7/18/2024 8:01	58.6	39.3	0.0	2.1	-50.70	-50.02	-52.75	65.0	40.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS8A	7/19/2024 13:40	63.3	24.5	0.3	11.9	-42.28	-42.37	-45.67	119.0	42.0	Valve Adjustment:No Change,Valve 100% open
OXLCRS9A	7/10/2024 10:57	57.4	41.1	0.2	1.3	-43.18	-43.06	-43.76	83.2	4.0	Valve Adjustment:No Change
OXLCRS9A	7/16/2024 12:25	55.7	37.9	0.4	6.0	-51.45	-51.45	-51.23	80.2	1.3	Valve Adjustment:No Change
OXLCRS9B	7/10/2024 10:55	57.2	40.1	0.0	2.7	-42.73	-43.10	-43.36	81.1	13.9	Valve Adjustment:No Change
OXLCRS9B	7/16/2024 12:28	58.7	38.8	0.0	2.5	-50.77	-50.77	-51.02	81.6	1.5	Valve Adjustment:No Change
OXME302D	7/8/2024 13:15	57.1	40.1	0.0	2.8	-28.01	-28.22	-29.57	116.4	28.5	Valve Adjustment:No Change
OXME302D	7/17/2024 11:11	58.7	38.5	0.0	2.8	-47.10	-47.23	-48.72	118.0	34.3	Valve Adjustment:No Change
OXME306D	7/9/2024 9:38	40.0	35.4	0.0	24.6	-2.49	-2.48	-38.16	121.7	12.7	Valve Adjustment:No Change
OXME306D	7/17/2024 14:41	40.9	31.8	0.3	27.0	-2.44	-1.01	-45.97	122.9	15.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXME312D	7/8/2024 12:41	30.6	33.0	0.0	36.4	-2.20	-2.20	-27.08	84.1	32.3	Valve Adjustment:No Change
OXME312D	7/17/2024 10:09	38.5	37.4	0.0	24.1	-2.43	-2.43	-46.48	82.3	8.1	Valve Adjustment:No Change,Valve at minimum position
OXME316D	7/8/2024 12:02	58.0	42.0	0.0	0.0	-35.65	-35.65	-37.83	127.2	32.0	Valve Adjustment:No Change
OXME316D	7/17/2024 9:25	58.1	41.9	0.0	0.0	-42.70	-42.83	-45.76	126.1	39.8	Valve Adjustment:No Change
OXME317D	7/8/2024 12:11	56.3	41.1	0.0	2.6	-39.31	-39.35	-39.94	74.4	15.7	Valve Adjustment:No Change
OXME317D	7/17/2024 9:31	57.7	42.2	0.1	0.0	-48.42	-48.42	-48.66	73.0	6.8	Valve Adjustment:No Change
OXMEW113	7/10/2024 12:39	47.7	38.1	0.8	13.4	-8.56	-9.13	-44.60	86.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	7/18/2024 8:11	46.4	37.2	2.2	14.2	-8.83	-8.49	-46.95	81.5	9.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	7/11/2024 18:20	57.5	38.5	0.7	3.3	-39.37	-39.41	-39.09	83.1	5.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	7/18/2024 10:32	45.7	38.0	2.3	14.0	-48.25	-48.25	-48.06	74.7	8.1	Valve Adjustment:No Change
OXMEW126	7/10/2024 9:23	53.9	45.5	0.0	0.6	-41.34	-41.35	-41.53	77.3	5.8	Valve Adjustment:No Change
OXMEW126	7/16/2024 14:27	56.1	42.7	0.0	1.2	-52.56	-52.90	-46.25	84.7	4.8	Valve Adjustment:No Change
OXMEW138	7/9/2024 11:01	38.3	36.7	0.0	25.0	-7.67	-7.67	-26.04	76.9	3.5	Valve Adjustment:No Change
OXMEW138	7/17/2024 10:26	39.9	35.1	0.1	24.9	-11.12	-8.08	-45.34	76.9	5.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW145	7/9/2024 8:43	47.6	35.4	2.3	14.7	-27.48	-29.35	-26.51	85.9	1.3	Valve Adjustment:No Change
OXMEW145	7/18/2024 8:28	53.5	41.6	0.9	4.0	-47.31	-47.40	-47.72	83.9	5.8	Valve Adjustment:No Change
OXMEW156	7/10/2024 13:46	53.8	36.1	2.4	7.7	-1.25	-1.39	-47.15	84.3	2.2	Valve Adjustment:No Change,Valve at minimum position
OXMEW156	7/16/2024 10:05	58.6	41.4	0.0	0.0	-0.09	-0.06	-51.05	67.0	0.8	Valve Adjustment:No Change
OXMEW158	7/10/2024 9:13	34.3	36.2	0.0	29.5	-40.35	-39.37	-41.69	69.5	1.8	Valve Adjustment:Closed valve >10%,Valve 5% open
OXMEW158	7/16/2024 14:18	31.1	36.1	0.0	32.8	-49.73	-49.49	-46.06	74.9	2.2	Valve Adjustment:Valve at minimum position

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW159	7/10/2024 9:18	50.2	41.5	0.0	8.3	-37.72	-37.90	-40.26	70.2	4.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW159	7/16/2024 14:21	37.0	37.0	0.8	25.2	-49.00	-48.87	-46.21	72.7	5.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW162	7/9/2024 10:31	61.2	36.5	0.3	2.0	-28.39	-28.32	-28.65	71.3	7.8	Valve Adjustment:No Change
OXMEW162	7/17/2024 12:52	62.6	34.2	0.9	2.3	-48.71	-48.74	-48.90	76.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	7/3/2024 13:44	46.3	31.3	0.0	22.4	-47.71	-47.70	-47.83	87.7	0.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMEW170	7/16/2024 9:05	40.1	32.0	0.0	27.9	-42.18	-48.72	-48.63	60.1	2.5	Valve Adjustment:No Change
OXMEW173	7/3/2024 12:43	46.6	35.0	0.2	18.2	-7.01	-6.70	-49.97	102.5	21.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	7/16/2024 9:36	44.6	36.6	0.0	18.8	-6.25	-6.27	-51.11	100.0	20.6	Valve Adjustment:No Change
OXMEW174	7/3/2024 10:43	59.6	37.5	0.1	2.8	-4.74	-6.49	-49.23	85.9	4.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW174	7/16/2024 10:09	53.7	41.3	0.0	5.0	-9.00	-9.13	-51.57	71.5	6.8	Valve Adjustment:No Change
OXMEW175	7/3/2024 10:54	58.8	41.0	0.0	0.2	-0.23	-1.45	-49.13	99.1	2.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	7/16/2024 9:54	59.9	40.1	0.0	0.0	-3.69	-3.69	-50.72	76.2	2.6	Valve Adjustment:No Change
OXMEW181	7/10/2024 9:07	56.3	43.5	0.0	0.2	-7.17	-9.25	-39.80	96.7	35.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	7/16/2024 14:14	57.6	41.2	0.0	1.2	-41.46	-41.44	-44.61	101.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	7/29/2024 15:27	58.1	40.7	0.0	1.2	-36.65	-36.54	-44.03	103.4	18.3	Valve Adjustment:No Change,Valve 40% open
OXMEW181	7/29/2024 15:32	57.7	41.5	0.0	0.8	-35.38	-36.46	-45.76	104.2	28.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXMEW182	7/8/2024 12:19	52.1	41.1	0.0	6.8	-38.14	-38.17	-40.94	118.7	37.1	Valve Adjustment:No Change
OXMEW182	7/17/2024 9:41	53.2	42.7	0.0	4.1	-45.12	-45.12	-49.56	118.8	50.8	Valve Adjustment:No Change
OXMEW183	7/8/2024 13:44	42.7	38.0	0.0	19.3	-7.60	-7.63	-38.25	114.8	42.4	Valve Adjustment:No Change
OXMEW183	7/17/2024 11:44	43.8	37.1	0.0	19.1	-8.65	-8.50	-43.52	114.9	42.4	Valve Adjustment:No Change
OXMEW184	7/9/2024 8:19	42.1	38.4	0.0	19.5	-0.67	-0.67	-26.53	121.7	30.1	Valve Adjustment:No Change
OXMEW184	7/17/2024 12:02	43.7	36.4	0.0	19.9	-0.94	-1.00	-44.64	121.4	28.8	Valve Adjustment:No Change
OXMEW185	7/9/2024 8:16	28.5	30.0	0.0	41.5	-0.93	-0.93	-26.84	111.3	0.0	Valve Adjustment:No Change
OXMEW185	7/17/2024 12:08	32.4	29.6	0.2	37.8	-0.10	-0.16	-47.03	110.7	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW186	7/8/2024 12:32	45.2	39.5	0.0	15.3	-2.12	-2.12	-27.66	115.3	4.6	Valve Adjustment:No Change
OXMEW186	7/17/2024 9:57	47.7	41.1	0.0	11.2	-2.24	-3.25	-46.18	117.8	10.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW187	7/8/2024 13:37	51.5	43.0	0.4	5.1	-0.26	-0.26	-31.06	104.1	0.0	Valve Adjustment:No Change
OXMEW187	7/17/2024 11:35	45.5	36.5	2.6	15.4	-0.67	-0.67	-29.95	95.0	0.0	Valve Adjustment:No Change
OXMEW188	7/9/2024 8:06	51.1	41.4	0.0	7.5	-1.30	-1.32	-27.37	114.0	18.7	Valve Adjustment:No Change
OXMEW188	7/17/2024 12:26	51.5	40.0	0.1	8.4	-1.70	-1.69	-47.73	115.8	0.0	Valve Adjustment:No Change
OXMEW189	7/9/2024 8:02	52.1	41.7	0.4	5.8	-1.39	-1.38	-24.93	121.6	15.1	Valve Adjustment:No Change
OXMEW189	7/17/2024 12:30	48.5	36.9	2.8	11.8	-1.96	-1.92	-47.26	121.1	19.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW190	7/8/2024 12:45	46.9	38.9	0.0	14.2	-16.05	-15.93	-27.30	127.1	27.9	Valve Adjustment:No Change
OXMEW190	7/17/2024 10:13	50.6	41.4	0.0	8.0	-21.80	-21.80	-47.33	127.3	38.9	Valve Adjustment:No Change

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW191	7/3/2024 12:54	52.8	37.6	1.3	8.3	-1.22	-1.92	-49.62	118.7	19.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW191	7/16/2024 9:33	46.4	36.1	2.0	15.5	-4.04	-4.04	-52.20	113.1	15.9	Valve Adjustment:No Change
OXMEW192	7/3/2024 10:04	57.2	41.5	0.0	1.3	-7.11	-10.28	-49.68	81.8	2.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW192	7/16/2024 10:36	51.7	41.3	0.0	7.0	-15.09	-15.15	-52.06	80.2	9.9	Valve Adjustment:No Change
OXMEW194	7/9/2024 8:24	52.8	41.9	0.1	5.2	-37.81	-37.46	-37.78	83.2	11.7	Valve Adjustment:No Change
OXMEW194	7/17/2024 11:57	54.6	38.6	0.5	6.3	-48.89	-49.06	-49.08	86.5	17.1	Valve Adjustment:No Change
OXMEW196	7/8/2024 12:23	42.3	34.9	0.2	22.6	-0.41	-0.41	-40.71	116.8	0.0	Valve Adjustment:No Change
OXMEW196	7/17/2024 9:45	51.1	40.3	0.0	8.6	-23.92	-26.37	-48.94	117.1	16.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW199	7/8/2024 12:28	50.6	39.0	0.0	10.4	-10.96	-10.86	-29.89	123.1	81.3	Valve Adjustment:No Change
OXMEW199	7/17/2024 9:49	51.8	40.5	0.0	7.7	-11.16	-11.31	-46.48	124.7	84.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW199	7/29/2024 11:44	48.8	36.5	0.4	14.3	-11.16	-11.16	-44.51	124.7	81.0	Valve Adjustment:No Change
OXMEW200	7/8/2024 13:41	55.5	44.1	0.0	0.4	-0.11	-0.13	-29.08	92.5	7.6	Valve Adjustment:No Change
OXMEW200	7/17/2024 11:39	56.4	41.5	0.2	1.9	-0.25	-0.43	-29.80	97.2	4.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW201	7/9/2024 8:12	33.4	32.9	0.0	33.7	-0.88	-0.86	-28.02	88.6	0.0	Valve Adjustment:No Change
OXMEW201	7/17/2024 12:11	38.9	33.4	0.0	27.7	-0.97	-0.96	-47.69	95.4	31.9	Valve Adjustment:No Change
OXMEW203	7/9/2024 8:47	35.1	31.3	0.0	33.6	-25.68	-25.34	-31.00	69.5	2.4	Valve Adjustment:No Change
OXMEW203	7/17/2024 11:10	35.0	33.1	0.3	31.6	-42.56	-32.68	-48.06	79.0	2.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW204	7/9/2024 8:58	54.5	39.9	0.0	5.6	-0.47	-0.43	-23.98	91.1	24.5	Valve Adjustment:No Change
OXMEW204	7/17/2024 11:02	54.0	37.6	0.1	8.3	-2.37	-5.73	-45.08	97.3	32.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW205	7/8/2024 13:34	42.2	40.0	0.0	17.8	-0.39	-0.37	-31.72	129.9	11.3	Valve Adjustment:No Change
OXMEW205	7/17/2024 11:31	46.7	38.8	0.0	14.5	-0.54	-0.54	-31.54	130.3	3.1	Valve Adjustment:No Change
OXMEW209	7/11/2024 12:54	54.3	33.4	0.3	12.0	-0.06	-0.04	-0.40	129.9	12.4	Valve Adjustment:No Change,Valve 100% open
OXMEW209	7/17/2024 10:28	54.0	43.3	0.0	2.7	-26.24	-25.86	-48.49	129.9	1.1	Valve Adjustment:No Change
OXMEW209	7/29/2024 12:30	59.1	40.8	0.1	0.0	-0.59	-3.74	-45.99	92.2	43.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXMEW209	7/29/2024 12:32	58.0	41.4	0.0	0.6	-8.20	-14.93	-51.22	128.7	71.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW210	7/9/2024 9:33	55.9	41.1	0.0	3.0	-35.01	-34.68	-38.42	122.1	37.8	Valve Adjustment:No Change
OXMEW210	7/17/2024 14:34	58.4	32.8	0.2	8.6	-43.90	-43.91	-47.97	122.4	39.5	Valve Adjustment:No Change,Valve 100% open
OXMEW300	7/8/2024 13:07	48.3	38.7	0.0	13.0	-24.64	-25.14	-24.54	93.1	28.5	Valve Adjustment:No Change
OXMEW300	7/17/2024 10:52	52.5	36.1	1.9	9.5	-48.46	-48.63	-49.17	101.7	30.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	7/8/2024 13:13	31.3	30.9	0.0	37.8	-2.55	-2.53	-29.01	88.5	0.0	Valve Adjustment:No Change
OXMEW302	7/17/2024 11:09	47.0	33.8	0.0	19.2	-4.11	-4.27	-48.88	93.0	36.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW306	7/9/2024 9:36	18.5	26.2	0.0	55.3	-2.42	-2.43	-36.70	67.1	15.2	Valve Adjustment:No Change
OXMEW306	7/17/2024 14:43	23.9	28.7	0.2	47.2	-0.61	-0.60	-38.79	81.6	8.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	7/9/2024 8:38	49.0	34.3	3.3	13.4	-25.74	-26.01	-26.44	74.2	2.8	Valve Adjustment:No Change

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW307	7/18/2024 8:34	51.6	37.8	2.6	8.0	-45.73	-45.68	-46.35	79.5	3.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	7/8/2024 13:25	35.8	27.4	3.7	33.1	-6.46	-6.46	-37.58	71.2	0.0	Valve Adjustment:No Change
OXMEW309	7/17/2024 11:23	49.4	34.1	0.5	16.0	-5.02	-5.25	-40.85	71.0	3.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW310	7/8/2024 11:26	51.5	41.1	0.0	7.4	-12.82	-12.86	-46.32	108.4	28.7	Valve Adjustment:No Change
OXMEW310	7/17/2024 8:51	54.2	43.1	0.0	2.7	-12.01	-12.65	-46.28	108.5	33.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	7/11/2024 12:27	53.2	30.1	0.3	16.4	-0.37	-0.31	-0.25	116.0	10.5	Valve Adjustment:No Change,Valve at minimum position
OXMEW311	7/17/2024 11:32	51.7	37.2	0.8	10.3	-30.11	-31.12	-30.06	116.5	13.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	7/8/2024 12:39	48.5	39.2	0.0	12.3	-3.62	-3.61	-27.40	97.4	0.0	Valve Adjustment:No Change
OXMEW312	7/17/2024 10:06	50.6	41.3	0.0	8.1	-4.41	-4.75	-46.48	93.6	7.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW315	7/8/2024 12:57	47.5	39.4	0.0	13.1	-35.87	-35.56	-36.28	119.8	6.0	Valve Adjustment:No Change
OXMEW315	7/17/2024 10:37	50.8	41.3	0.0	7.9	-45.46	-45.82	-46.34	120.4	16.2	Valve Adjustment:No Change
OXMEW316	7/8/2024 12:00	58.5	41.5	0.0	0.0	-37.08	-36.97	-40.40	117.2	16.4	Valve Adjustment:No Change
OXMEW316	7/17/2024 9:19	57.3	42.7	0.0	0.0	-44.33	-44.20	-47.96	116.5	10.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	7/29/2024 11:34	59.5	40.4	0.1	0.0	-39.76	-39.78	-42.68	116.6	11.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	7/8/2024 12:09	58.9	40.1	0.0	1.0	-40.09	-40.06	-40.33	100.4	8.6	Valve Adjustment:No Change
OXMEW317	7/17/2024 9:27	58.2	41.8	0.0	0.0	-48.76	-48.78	-48.85	99.9	7.1	Valve Adjustment:No Change
OXMEW317	7/29/2024 11:38	57.2	39.9	0.7	2.2	-43.31	-43.28	-43.15	95.8	0.0	Valve Adjustment:No Change
OXMEW318	7/8/2024 12:16	45.5	37.6	0.0	16.9	-5.75	-5.63	-40.85	109.2	15.3	Valve Adjustment:No Change
OXMEW318	7/17/2024 9:37	46.9	40.1	0.0	13.0	-5.70	-6.42	-48.26	109.2	5.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW319	7/8/2024 11:35	41.5	37.1	0.0	21.4	-18.45	-18.45	-47.86	106.8	14.8	Valve Adjustment:No Change
OXMEW319	7/17/2024 8:58	42.2	38.9	0.5	18.4	-18.73	-18.73	-49.95	102.9	49.2	Valve Adjustment:No Change
OXMEW320	7/8/2024 11:08	56.5	42.8	0.0	0.7	-32.74	-32.51	-32.97	117.7	15.0	Valve Adjustment:No Change
OXMEW320	7/17/2024 8:31	56.5	43.5	0.0	0.0	-46.03	-46.08	-46.14	122.3	8.6	Valve Adjustment:No Change
OXMEW322	7/10/2024 8:37	57.4	41.0	0.0	1.6	-21.12	-21.24	-34.30	78.7	13.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW322	7/16/2024 13:43	59.4	38.5	0.0	2.1	-39.21	-41.27	-52.29	93.2	42.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW322	7/29/2024 14:32	61.2	38.2	0.1	0.5	-37.19	-41.71	-45.41	96.0	19.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW323	7/10/2024 8:39	56.8	41.8	0.0	1.4	-33.71	-33.35	-34.30	77.2	9.6	Valve Adjustment:No Change
OXMEW323	7/16/2024 13:46	58.6	39.6	0.0	1.8	-52.24	-52.31	-52.23	92.3	2.4	Valve Adjustment:No Change
OXMEW323	7/29/2024 14:34	58.6	39.4	0.3	1.7	-45.33	-45.29	-45.35	98.7	7.0	Valve Adjustment:No Change,Valve 100% open
OXMEW323	7/29/2024 14:39	59.2	39.3	0.3	1.2	-45.00	-45.05	-45.12	94.4	4.6	Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	7/11/2024 17:40	54.3	32.5	0.3	12.9	-36.98	-36.74	-36.79	91.5		Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	7/18/2024 7:48	55.2	43.5	0.1	1.2	-40.34	-40.27	-40.38	65.0		Valve Adjustment:No Change
OXMEWW05	7/11/2024 17:54	51.0	35.5	1.3	12.2	-37.89	-36.53	-37.72	75.0	25.8	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	7/17/2024 13:03	54.6	40.7	0.1	4.6	-51.56	-51.61	-52.36	72.2	13.0	Valve Adjustment:No Change

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEWW06	7/8/2024 8:40	56.6	43.4	0.0	0.0	-46.14	-46.02	-46.33	65.1	11.4	Valve Adjustment:No Change
OXMEWW06	7/17/2024 13:06	55.0	41.2	0.0	3.8	-52.08	-52.09	-52.53	73.7	1.4	Valve Adjustment:No Change
OXMEWW08	7/10/2024 13:42	52.0	27.7	1.9	18.4	-1.59	-1.51	-46.24	91.4	0.3	Valve Adjustment:No Change,Valve at minimum position
OXMEWW08	7/16/2024 10:40	56.1	43.0	0.0	0.9	-4.18	-4.15	-51.43	70.2	0.2	Valve Adjustment:No Change
OXMEWW1G	7/8/2024 8:23	35.8	31.7	1.6	30.9	-44.06	-44.14	-46.62	91.8	11.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1G	7/17/2024 13:23	35.3	31.5	1.9	31.3	-49.70	-41.74	-52.05	93.9	7.6	Valve Adjustment:Closed valve >1 turn
OXMEWW1S	7/8/2024 9:17	57.7	41.4	0.0	0.9	-25.72	-25.74	-51.61	65.3	27.5	Valve Adjustment:No Change
OXMEWW1S	7/17/2024 13:31	57.4	40.4	0.1	2.1	-26.00	-26.05	-52.63	68.6	19.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	7/10/2024 13:09	54.9	44.0	0.0	1.1	-47.89	-48.19	-48.23	87.2	8.3	Valve Adjustment:No Change
OXMHCF03	7/18/2024 7:36	56.7	43.3	0.0	0.0	-49.43	-49.10	-49.53	77.8	4.7	Valve Adjustment:No Change
OXMHCF04	7/10/2024 13:05	51.4	43.6	0.9	4.1	-48.12	-48.06	-48.16	83.2	7.2	Valve Adjustment:No Change
OXMHCF04	7/18/2024 7:32	56.2	41.9	0.3	1.6	-49.85	-49.74	-49.95	56.7	4.8	Valve Adjustment:No Change
OXMPEW30	7/8/2024 9:09	57.0	43.0	0.0	0.0	-44.83	-45.31	-44.91	58.3	6.4	Valve Adjustment:No Change
OXMPEW30	7/16/2024 11:05	57.0	43.0	0.0	0.0	-51.54	-51.62	-51.00	71.1	2.1	Valve Adjustment:No Change
OXMPEW31	7/10/2024 15:10	55.6	43.9	0.0	0.5	-47.16	-47.31	-47.45	79.3	5.5	Valve Adjustment:No Change
OXMPEW31	7/16/2024 11:14	56.9	43.1	0.0	0.0	-52.01	-51.96	-51.60	73.1	5.6	Valve Adjustment:No Change
OXMPEW32	7/3/2024 11:01	56.9	42.0	0.0	1.1	-48.97	-48.71	-48.94	96.3	1.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	7/16/2024 9:50	57.7	42.3	0.0	0.0	-51.03	-51.15	-50.88	70.0	1.0	Valve Adjustment:No Change
OXMPEW33	7/3/2024 10:10	52.2	40.1	0.0	7.7	-11.16	-11.19	-50.87	82.4	15.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMPEW33	7/16/2024 10:33	43.5	39.2	0.0	17.3	-11.86	-11.86	-52.89	80.3	16.0	Valve Adjustment:No Change
<b>OXMPEW35</b>	7/8/2024 8:58	50.4	41.8	0.0	7.8	-37.02	-37.01	-36.47	118.8	25.6	Valve Adjustment:No Change
<b>OXMPEW35</b>	7/16/2024 10:54	49.4	43.4	0.0	7.2	-39.85	-39.85	-39.72	119.2	23.8	Valve Adjustment:No Change
OXMPEW44	7/8/2024 9:20	56.8	41.5	0.4	1.3	-52.03	-52.02	-52.32	58.6	2.2	Valve Adjustment:No Change
OXMPEW44	7/17/2024 13:34	57.0	40.2	0.2	2.6	-52.77	-52.77	-53.22	80.0	6.2	Valve Adjustment:No Change
OXSS2032	7/9/2024 12:31	52.4	41.1	0.0	6.5	-17.28	-17.05	-31.29	80.3	88.4	Valve Adjustment:No Change
OXSS2032	7/10/2024 10:27	56.5	41.4	0.1	2.0	-19.98	-20.05	-36.79	79.2	98.6	Valve Adjustment:No Change,Valve 100% open
OXSS2032	7/17/2024 13:44	50.0	39.9	0.1	10.0	-20.46	-20.52	-34.85	80.2	92.6	Valve Adjustment:No Change
OXSS2033	7/10/2024 9:58	58.0	41.6	0.0	0.4	-34.95	-34.91	-39.92	74.6	26.3	Valve Adjustment:No Change
OXSS2033	7/17/2024 14:15	57.6	40.2	0.0	2.2	-35.82	-36.18	-40.83	112.1	40.9	Valve Adjustment:No Change
OXSS2034	7/10/2024 9:55	58.1	41.1	0.0	0.8	-37.97	-38.22	-37.26	69.6	0.8	Valve Adjustment:No Change

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - July 3, 8, 9, 10, 11, 16, 17, 18, 19, 23, and 29, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXSS2034	7/17/2024 14:12	58.7	39.2	0.0	2.1	-37.73	-37.54	-37.75	100.4	6.2	Valve Adjustment:No Change
OXSS2215	7/10/2024 14:52	31.1	26.8	4.9	37.2	-0.04	-0.05	-38.64	98.0	7.5	Valve Adjustment:No Change
OXSS2215	7/11/2024 17:09	49.9	31.3	3.0	15.8	-0.02	-0.02	-27.69	97.4	8.1	Valve Adjustment:No Change,Valve at minimum position
OXSS2215	7/18/2024 10:16	34.6	32.6	2.8	30.0	-0.04	-0.06	-41.00	96.9	9.0	Valve Adjustment:No Change
OXSS2216	7/10/2024 11:02	50.7	37.6	1.4	10.3	-35.06	-35.06	-42.35	81.7	65.0	Valve Adjustment:No Change
OXSS2216	7/16/2024 12:31	45.1	33.7	2.6	18.6	-41.10	-40.84	-49.01	82.8	7.6	Valve Adjustment:Closed valve 1/2 turn or less

<sup>1</sup> - Oxygen is only required to be monitored per NESHAP Subpart AAAA and high percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are highlighted for reporting purposes only.

**Italic** = HOV/LTCO approval from BAAQMD

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

\*\*Well OXEWHC6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

≤140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii) OXEW1618, OXMEW205, OXMEW209, OXMP EW35
--

≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(i) OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS05, OXLCRS06, OXLCRS07, <del>OXMEWHC6, OXMTBTC4, OXMEWH47, and OXMHCF06.</del>
---

LTCO per Title V Permit Condition Number 10164 part 18(d)(i) OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS05, OXLCRS06, and OXLCRS07.
---

\*Wells that have been decommissioned are noted with a strikethrough.

Total Number of Active Wells	218
Total Number of Well Readings	478
Total Number of Readings NOT Collected	0

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMLEW101	8/5/2024 13:48	46.0	35.9	1.3	16.8	-8.77	-8.85	-22.60	86.0	20.0	Valve Adjustment:No Change,Valve 20% open
OMLEW101	8/20/2024 9:34	37.3	33.3	2.2	27.2	-7.65	-6.46	-30.99	94.0	5.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLEW104	8/7/2024 12:19	53.8	37.7	2.1	6.4	-49.13	-49.15	-50.67	88.5	47.3	Valve Adjustment:No Change
OMLEW104	8/23/2024 12:34	42.0	33.2	1.8	23.0	-48.57	-48.37	-50.56	86.8	51.4	Valve Adjustment:Closed valve 1/2 turn or less
OMLFEW59	8/2/2024 9:41	49.7	39.1	0.0	11.2	-1.57	-1.57	-30.30	107.5	11.6	Valve Adjustment:No Change,Valve 15% open
OMLFEW59	8/16/2024 11:05	48.4	38.2	0.1	13.3	-1.88	-1.89	-39.74	107.5	7.6	Valve Adjustment:No Change,Valve 15% open
OMLFEW72	8/7/2024 9:51	31.7	34.3	0.0	34.0	-9.70	-9.85	-50.37	75.1	12.1	Valve Adjustment:No Change
OMLFEW72	8/23/2024 12:58	31.4	32.6	0.0	36.0	-8.92	-8.63	-50.77	77.7	8.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLFEW99	8/2/2024 11:26	45.3	36.2	0.2	18.3	-0.67	-0.66	-44.95	68.9	11.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLFEW99	8/20/2024 11:31	48.4	36.8	0.2	14.6	-0.75	-0.88	-50.62	71.6	11.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS01	8/7/2024 10:04	53.9	39.4	1.1	5.6	-0.23	-0.20	-47.42	79.5	3.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS01	8/23/2024 13:21	19.2	22.1	5.7	53.0	-0.20	-0.18	-48.10	88.2	2.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	8/7/2024 10:08	50.9	38.3	0.7	10.1	-0.27	-0.27	-47.96	74.1	7.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	8/23/2024 13:25	42.7	33.1	1.3	22.9	-0.36	-0.29	-48.15	76.2	6.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS03	8/7/2024 10:17	44.5	19.9	3.1	32.5	-0.75	-0.68	-47.56	76.3	8.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	8/23/2024 13:33	37.5	31.3	0.4	30.8	-0.48	-0.26	-48.55	74.9	7.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	8/7/2024 11:13	31.3	19.3	4.1	45.3	-0.20	-0.19	-47.37	76.8	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	8/21/2024 9:10	5.7	13.2	8.6	72.5	-0.22	-0.23	-44.15	68.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	8/7/2024 11:15	37.7	28.4	0.2	33.7	-0.19	-0.19	-47.69	84.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	8/21/2024 9:07	13.8	23.3	0.8	62.1	-0.25	-0.24	-44.25	75.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	8/7/2024 11:20	14.5	9.7	7.1	68.7	-0.30	-0.27	-46.08	85.5	7.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	8/21/2024 9:05	23.6	26.5	5.4	44.5	-0.25	-0.24	-35.85	93.3	4.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	8/7/2024 11:33	30.6	27.4	9.4	32.6	-0.16	-0.13	-25.55	82.9	0.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	8/21/2024 8:45	51.4	34.4	2.4	11.8	-0.16	-0.26	-12.67	66.5	0.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS08	8/7/2024 11:36	54.7	34.7	1.9	8.7	-0.14	-0.15	-44.17	83.3	2.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	8/21/2024 8:38	37.3	27.2	3.4	32.1	-0.16	-0.16	-44.06	74.8	1.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	8/7/2024 11:39	48.6	33.1	3.2	15.1	-0.10	-0.10	-48.32	78.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	8/21/2024 8:34	19.0	15.9	8.6	56.5	-0.15	-0.17	-45.47	67.8	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	8/7/2024 11:42	50.3	32.1	0.4	17.2	-0.11	-0.11	-48.08	80.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	8/21/2024 10:48	21.4	25.4	0.3	52.9	-0.34	-0.22	-45.08	77.5	0.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMTLTS11	8/7/2024 11:47	40.9	31.1	13.8	14.2	-0.11	-0.11	-48.22	75.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	8/21/2024 10:42	1.5	3.4	13.2	81.9	-0.38	-0.26	-44.97	74.4	4.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	8/7/2024 11:49	15.1	12.4	14.2	58.3	-0.16	-0.15	-48.34	80.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	8/21/2024 10:39	6.8	6.6	13.7	72.9	-0.18	-0.17	-45.43	73.4	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	8/6/2024 14:17	9.3	11.4	13.6	65.7	-0.12	-0.12	-45.14	80.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	8/21/2024 10:30	3.1	2.6	12.0	82.3	-0.61	-0.40	-44.63	87.2	9.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	8/6/2024 14:11	25.6	21.0	7.0	46.4	-0.11	-0.11	-37.28	82.9	0.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	8/21/2024 10:21	23.5	20.9	7.4	48.2	-0.28	-0.23	-36.29	75.7	0.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	8/6/2024 13:11	53.6	31.5	0.8	14.1	-0.11	-0.14	-46.69	82.0	1.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS17	8/21/2024 10:15	43.6	33.4	1.2	21.8	-0.25	-0.25	-43.91	79.9	1.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	8/6/2024 13:17	51.8	35.3	2.4	10.5	-0.25	-0.22	-47.13	72.6	8.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	8/21/2024 10:11	49.3	33.9	3.2	13.6	-0.32	-0.37	-44.25	70.2	8.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS19	8/6/2024 13:22	26.4	19.1	11.5	43.0	-0.05	-0.05	-46.65	85.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS19	8/21/2024 10:07	23.4	7.4	11.7	57.5	-0.26	-0.16	-43.85	74.6	1.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	8/6/2024 13:37	55.5	35.9	0.1	8.5	-0.08	-0.09	-46.90	76.7	13.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS20	8/20/2024 14:54	43.0	32.0	0.9	24.1	-0.32	-0.14	-46.46	74.8	11.7	Valve Adjustment:No Change,Valve at minimum position
OXE2022R	8/9/2024 11:12	46.7	38.9	1.5	12.9	-42.67	-42.54	-38.24	88.3	3.3	Valve Adjustment:No Change,Valve 30% open
OXE2022R	8/26/2024 11:40	47.1	37.2	1.5	14.2	-45.43	-45.36	-42.22	102.2	3.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW133B	8/9/2024 13:43	59.1	40.0	0.4	0.5	-10.11	-11.24	-43.92	84.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW133B	8/27/2024 9:12	51.0	37.3	1.5	10.2	-10.34	-10.19	-25.75	76.1	76.6	Valve Adjustment:No Change
OXEW134A	8/7/2024 10:25	51.4	35.7	1.8	11.1	-8.96	-9.18	-47.59	88.9	106.5	Valve Adjustment:No Change
OXEW134A	8/23/2024 13:45	38.2	22.7	0.9	38.2	-7.44	-2.73	-49.31	85.4	83.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	8/7/2024 10:27	32.2	33.4	1.6	32.8	-0.54	-0.49	-47.64	87.4	10.5	Valve Adjustment:No Change
OXEW134B	8/23/2024 13:39	38.5	34.8	0.1	26.6	-0.19	-0.19	-48.17	85.2	6.3	Valve Adjustment:No Change
OXEW134B	8/23/2024 13:48	60.8	34.3	1.1	3.8	-13.23	-13.33	-47.53	82.0	59.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW137B	8/7/2024 11:29	54.3	44.0	0.7	1.0	-43.34	-44.52	-44.11	83.7	0.0	Valve Adjustment:No Change
OXEW137B	8/21/2024 9:00	54.6	43.2	0.6	1.6	-42.36	-42.18	-42.52	77.5	18.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	8/5/2024 14:20	58.1	40.3	0.0	1.6	-20.59	-24.46	-43.62	98.7	78.2	Valve Adjustment:No Change,Valve 100% open
OXEW1601	8/19/2024 13:29	58.9	40.4	0.0	0.7	-28.17	-28.33	-46.81	99.1	93.2	Valve Adjustment:No Change,Valve 100% open
OXEW1602	8/5/2024 14:45	56.8	39.4	0.0	3.8	-28.39	-28.37	-29.12	104.8	15.3	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - August 1, 2, 5, 6, 7, 9, 12, 16, 19, 20, 21, 22, 23, 26, and 27, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1602	8/19/2024 13:47	58.3	40.4	0.0	1.3	-43.85	-43.85	-47.88	105.9	27.5	Valve Adjustment:No Change,Valve 100% open
OXEW1602	8/19/2024 13:54	57.5	42.2	0.0	0.3	-46.68	-46.68	-47.90	106.1	27.8	Valve Adjustment:No Change,Valve 100% open
OXEW1603	8/1/2024 10:30	55.1	43.9	0.0	1.0	-41.12	-40.96	-41.19	94.2	6.4	Valve Adjustment:No Change,Valve 100% open
OXEW1603	8/20/2024 13:29	59.4	40.5	0.1	0.0	-45.55	-43.74	-45.95	108.8	8.8	Valve Adjustment:No Change,Valve 100% open
OXEW1604	8/1/2024 10:34	46.5	37.4	2.2	13.9	-7.15	-7.10	-37.31	123.1	179.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1604	8/20/2024 13:45	50.3	38.5	1.2	10.0	-7.78	-7.74	-41.33	123.6	150.5	Valve Adjustment:No Change
OXEW1611	8/9/2024 10:05	46.3	34.4	4.0	15.3	-13.06	-13.11	-39.88	61.8	0.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	8/19/2024 12:44	44.3	32.4	4.9	18.4	-14.77	-14.76	-38.72	71.8	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	8/26/2024 10:05	43.4	33.0	4.8	18.8	-5.00	-4.91	-43.97	82.3	2.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	8/26/2024 10:07	44.0	33.6	4.8	17.6	-6.30	-4.63	-44.04	82.4	3.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1613	8/2/2024 10:36	49.5	36.7	1.2	12.6	-36.65	-36.77	-40.18	116.8	49.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	8/20/2024 13:59	50.2	37.8	1.1	10.9	-42.60	-42.66	-46.45	117.0	50.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	8/1/2024 13:31	37.9	35.3	0.4	26.4	-3.44	-3.25	-48.44	117.1	18.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	8/20/2024 14:21	42.8	34.4	0.4	22.4	-2.96	-2.07	-46.35	117.8	23.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	8/1/2024 14:02	47.7	36.3	0.9	15.1	-41.61	-41.61	-43.76	115.7	25.3	Valve Adjustment:No Change
OXEW1616	8/22/2024 14:05	46.9	36.5	1.0	15.6	-43.24	-43.20	-45.21	114.4	34.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1617	8/1/2024 13:56	53.7	38.8	0.0	7.5	-3.40	-3.40	-46.85	130.4	14.3	Valve Adjustment:No Change,Valve 20% open
OXEW1617	8/23/2024 9:45	53.0	41.1	0.0	5.9	-3.65	-4.80	-47.05	130.3	15.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
<b>OXEW1618</b>	8/1/2024 13:24	47.4	38.5	0.2	13.9	-3.70	-3.71	-48.09	130.0	29.8	Valve Adjustment:No Change,Valve 30% open
<b>OXEW1618</b>	8/20/2024 14:30	44.3	37.8	0.5	17.4	-4.48	-3.84	-46.04	130.5	26.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1619	8/7/2024 10:51	57.7	40.1	0.2	2.0	-47.40	-47.23	-47.35	112.9	11.4	Valve Adjustment:No Change,Valve 100% open
OXEW1619	8/21/2024 9:39	57.4	40.5	0.1	2.0	-43.79	-43.85	-43.67	112.2	10.8	Valve Adjustment:No Change,Valve 100% open
OXEW1620	8/12/2024 9:48	38.3	28.2	4.7	28.8	-19.34	-19.33	-47.25	104.7	10.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1620	8/26/2024 13:00	37.2	29.5	1.0	32.3	-33.06	-31.99	-44.35	110.5	15.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1621	8/6/2024 10:55	37.5	36.7	0.2	25.6	-2.19	-2.20	-46.20	114.2	19.9	Valve Adjustment:No Change
OXEW1621	8/22/2024 11:32	32.8	33.2	0.2	33.8	-2.79	-2.30	-47.73	114.0	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	8/12/2024 11:37	46.0	30.2	4.9	18.9	-44.21	-44.00	-46.36	113.8	32.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	8/26/2024 12:41	43.2	29.5	5.6	21.7	-41.88	-41.44	-43.96	115.6	64.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	8/26/2024 12:50	45.5	29.3	4.9	20.3	-43.64	-41.14	-44.02	116.2	93.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1701	8/9/2024 11:26	58.6	40.1	0.0	1.3	-38.51	-37.89	-38.86	118.8	15.2	Valve Adjustment:No Change,Valve 100% open

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1701	8/21/2024 13:25	59.6	37.1	0.0	3.3	-37.97	-38.55	-38.94	119.2	20.9	Valve Adjustment:No Change,Valve 100% open
OXEW1701	8/21/2024 13:29	60.0	38.5	0.0	1.5	-38.77	-38.90	-39.03	119.9	15.3	Valve Adjustment:No Change,Valve 100% open
OXEW1702	8/5/2024 8:57	55.7	39.7	0.0	4.6	-37.66	-37.78	-40.83	124.1	41.7	Valve Adjustment:No Change,Valve 100% open
OXEW1702	8/21/2024 13:34	59.0	37.9	0.1	3.0	-35.17	-35.43	-37.35	124.6	33.9	Valve Adjustment:No Change,Valve 100% open
OXEW1703	8/9/2024 11:16	58.1	41.3	0.0	0.6	-35.94	-35.43	-35.76	79.2	2.2	Valve Adjustment:No Change,Valve 100% open
OXEW1703	8/26/2024 11:43	56.6	39.8	0.1	3.5	-39.26	-38.78	-39.22	88.0	1.1	Valve Adjustment:No Change,Valve 100% open
OXEW1705	8/9/2024 10:38	55.7	41.0	0.8	2.5	-38.46	-38.14	-39.17	113.9	6.2	Valve Adjustment:No Change,Valve 100% open
OXEW1705	8/26/2024 11:09	54.9	41.0	0.7	3.4	-41.30	-41.18	-42.08	116.3	4.1	Valve Adjustment:No Change,Valve 100% open
OXEW1716	8/2/2024 9:38	55.3	42.6	0.0	2.1	-39.99	-39.85	-41.92	91.4	19.6	Valve Adjustment:No Change,Valve 100% open
OXEW1716	8/16/2024 11:20	57.2	41.0	0.0	1.8	-44.01	-44.01	-47.35	94.1	22.1	Valve Adjustment:No Change,Valve 100% open
OXEW1717	8/1/2024 11:33	56.5	34.2	0.4	8.9	-49.64	-50.88	-51.03	84.6	1.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1717	8/16/2024 10:52	54.7	40.7	0.1	4.5	-48.31	-48.51	-49.96	88.2	3.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1801	8/1/2024 13:38	55.0	41.6	0.0	3.4	-7.32	-8.83	-27.27	129.6	12.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1801	8/21/2024 7:54	56.6	40.2	0.1	3.1	-29.98	-33.93	-42.65	129.1	26.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW1804	8/1/2024 13:18	58.6	40.1	0.2	1.1	-47.27	-47.25	-49.65	120.8	18.2	Valve Adjustment:No Change,Valve 100% open
OXEW1804	8/20/2024 14:36	57.6	40.6	0.2	1.6	-45.48	-45.50	-47.22	121.1	13.1	Valve Adjustment:No Change,Valve 100% open
OXEW1805	8/1/2024 13:14	59.6	39.5	0.1	0.8	-46.05	-45.85	-48.98	114.2	20.5	Valve Adjustment:No Change,Valve 100% open
OXEW1805	8/20/2024 14:43	57.2	41.3	0.1	1.4	-44.01	-43.97	-46.71	115.2	19.2	Valve Adjustment:No Change,Valve 100% open
OXEW1806	8/6/2024 10:26	55.1	38.9	0.4	5.6	-0.29	-0.29	-48.20	115.6	13.1	Valve Adjustment:No Change,Valve 15% open
OXEW1806	8/22/2024 10:38	51.1	37.4	0.0	11.5	-0.16	-0.54	-48.56	114.7	7.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1807	8/5/2024 8:53	53.6	38.6	0.0	7.8	-20.41	-25.48	-47.63	129.6	26.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1807	8/22/2024 14:18	52.3	39.0	0.1	8.6	-30.10	-35.13	-46.98	130.4	32.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1810	8/2/2024 8:53	41.0	32.9	0.1	26.0	-50.88	-49.60	-50.66	68.7	5.1	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 20% open
OXEW1810	8/16/2024 8:28	39.3	30.9	0.2	29.6	-48.03	-48.03	-49.67	68.8	4.3	Valve Adjustment:No Change,Valve 100% open
OXEW1811	8/2/2024 16:02	45.9	33.4	3.9	16.8	-30.06	-29.16	-38.23	98.9	16.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1811	8/23/2024 8:47	44.9	32.9	3.8	18.4	-33.49	-33.42	-48.83	65.6	26.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1813	8/5/2024 8:41	54.9	37.7	0.1	7.3	-43.64	-43.69	-44.88	104.2	6.7	Valve Adjustment:No Change,Valve 100% open
OXEW1813	8/22/2024 14:08	55.3	36.4	0.1	8.2	-43.38	-43.38	-44.86	109.1	9.1	Valve Adjustment:No Change,Valve 100% open
OXEW1815	8/6/2024 12:10	47.3	38.6	0.0	14.1	-8.12	-8.12	-48.03	122.5	16.5	Valve Adjustment:No Change,Valve 20% open
OXEW1815	8/21/2024 12:42	46.4	34.8	0.0	18.8	-8.46	-8.46	-45.38	121.9	15.3	Valve Adjustment:No Change,Valve 20% open

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1815	8/21/2024 12:47	46.4	35.6	0.0	18.0	-8.13	-7.10	-45.20	122.0	16.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1816	8/5/2024 9:07	50.1	36.3	0.0	13.6	-24.69	-24.99	-40.30	121.0	94.1	Valve Adjustment:No Change,Valve 100% open
OXEW1816	8/26/2024 10:40	49.1	36.6	0.0	14.3	-27.00	-25.88	-42.04	121.2	90.0	Valve Adjustment:No Change,Valve 100% open
OXEW1817	8/9/2024 9:11	60.4	38.9	0.1	0.6	-39.12	-40.72	-39.06	113.5	12.3	Valve Adjustment:No Change,Valve 100% open
OXEW1817	8/19/2024 12:20	54.7	37.6	0.0	7.7	-39.66	-39.79	-39.43	122.3	8.9	Valve Adjustment:No Change,Valve 100% open
OXEW1821	8/2/2024 10:10	14.8	17.6	0.8	66.8	-0.21	-0.21	-41.81	69.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	8/16/2024 9:41	15.5	18.5	0.1	65.9	-0.27	-0.22	-47.81	64.5	0.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	8/2/2024 10:03	10.4	20.6	0.7	68.3	-0.10	-0.09	-42.73	68.8	0.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	8/16/2024 9:34	10.8	20.7	0.0	68.5	-2.29	-0.47	-47.75	62.3	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1823	8/2/2024 10:00	14.1	22.3	0.2	63.4	-0.11	-0.06	-42.66	70.0	0.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	8/16/2024 9:24	13.7	20.2	0.1	66.0	-0.05	-0.05	-47.91	62.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	8/2/2024 9:03	61.3	36.7	0.0	2.0	-48.73	-47.97	-48.00	67.9	3.9	Valve Adjustment:No Change,Valve 100% open
OXEW1824	8/16/2024 8:23	60.9	34.0	0.1	5.0	-49.93	-49.76	-49.73	61.1	3.2	Valve Adjustment:No Change,Valve 100% open
OXEW1825	8/2/2024 8:58	50.5	36.0	0.8	12.7	-6.09	-9.52	-50.52	66.5	0.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1825	8/16/2024 8:57	41.5	35.8	2.0	20.7	-15.87	-9.40	-50.32	67.5	1.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	8/2/2024 15:05	45.1	35.7	0.1	19.1	-11.98	-11.50	-39.74	92.9	7.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	8/22/2024 13:16	45.5	34.9	0.2	19.4	-13.49	-12.81	-51.12	92.1	6.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	8/9/2024 13:33	60.6	38.6	0.3	0.5	-43.73	-44.12	-44.05	87.3	5.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1901	8/21/2024 9:56	58.0	39.3	0.2	2.5	-44.49	-44.73	-44.62	82.1	2.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1902	8/1/2024 14:22	42.5	33.9	0.8	22.8	-5.10	-4.34	-43.02	90.9	15.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1902	8/21/2024 13:37	49.7	34.5	0.7	15.1	-3.56	-3.55	-39.86	89.6	12.0	Valve Adjustment:No Change,Valve 10% open
OXEW1904	8/9/2024 11:09	47.5	38.3	0.4	13.8	-28.37	-28.29	-37.52	116.1	61.8	Valve Adjustment:No Change
OXEW1904	8/26/2024 11:36	46.6	37.1	0.4	15.9	-29.09	-29.04	-42.25	123.9	64.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXEW1908	8/5/2024 9:57	52.6	37.5	0.1	9.8	-32.96	-32.92	-34.83	106.1	57.9	Valve Adjustment:No Change,Valve 100% open
OXEW1908	8/19/2024 12:53	55.3	39.0	0.0	5.7	-38.60	-38.69	-40.85	106.9	65.8	Valve Adjustment:No Change,Valve 100% open
OXEW1909	8/2/2024 13:56	57.3	37.0	0.1	5.6	-37.91	-37.08	-39.80	102.6	31.4	Valve Adjustment:No Change,Valve 100% open
OXEW1909	8/20/2024 12:21	55.4	40.1	0.0	4.5	-41.29	-41.75	-45.64	103.9	44.6	Valve Adjustment:No Change,Valve 100% open
OXEW1910	8/2/2024 14:06	47.0	33.2	2.9	16.9	-0.40	-0.39	-36.64	121.8	14.4	Valve Adjustment:No Change,Valve 10% open
OXEW1910	8/20/2024 12:16	51.6	39.1	0.2	9.1	-0.75	-0.95	-45.68	121.6	13.8	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 15% open
OXEW1912	8/2/2024 16:44	57.3	34.8	0.2	7.7	-2.18	-7.93	-50.43	90.5	1.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1912	8/2/2024 16:52	57.5	38.2	0.0	4.3	-9.11	-14.16	-48.86	92.0	3.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1912	8/5/2024 14:13	40.8	34.1	1.6	23.5	-21.17	-11.04	-42.77	90.2	4.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1912	8/19/2024 13:23	53.5	37.3	0.2	9.0	-5.73	-6.51	-47.25	95.7	2.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1915	8/1/2024 11:46	55.3	40.5	0.8	3.4	-3.44	-4.20	-52.92	73.9	8.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1915	8/16/2024 11:46	46.8	38.0	0.8	14.4	-4.34	-3.87	-50.31	76.4	10.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1916	8/2/2024 12:05	42.1	28.1	4.9	24.9	-41.50	-41.29	-41.38	79.4	2.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXEW1916	8/16/2024 12:02	44.2	31.0	4.7	20.1	-48.38	-48.16	-48.43	77.3	3.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 65% open
OXEW1917	8/2/2024 11:57	56.6	36.7	0.2	6.5	-41.04	-41.62	-41.06	78.9	1.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1917	8/16/2024 12:09	52.5	38.9	0.1	8.5	-48.15	-48.05	-48.39	78.8	7.2	Valve Adjustment:No Change,Valve 100% open
OXEW1919	8/2/2024 10:07	57.9	36.7	0.0	5.4	-0.48	-4.73	-42.82	71.5	1.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1919	8/9/2024 12:49	29.3	27.5	0.1	43.1	-13.49	-13.32	-43.64	72.5	7.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	8/16/2024 9:37	24.0	26.2	0.0	49.8	-13.87	-13.87	-47.75	68.7	7.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	8/2/2024 10:14	21.3	20.0	0.1	58.6	-0.27	-0.27	-41.79	66.9	3.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	8/16/2024 9:50	19.6	23.5	0.0	56.9	-2.20	-0.36	-47.83	61.7	2.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1921	8/2/2024 9:23	51.9	35.9	0.1	12.1	-41.48	-41.41	-42.73	108.1	26.4	Valve Adjustment:No Change,Valve 100% open
OXEW1921	8/16/2024 9:07	47.8	38.1	0.0	14.1	-46.61	-46.53	-47.91	108.1	26.1	Valve Adjustment:No Change,Valve 100% open
OXEW2001	8/2/2024 12:27	45.9	38.5	0.0	15.6	-1.41	-1.39	-44.48	125.5	14.0	Valve Adjustment:No Change,Valve 15% open
OXEW2001	8/20/2024 10:03	40.6	35.4	0.1	23.9	-2.05	-2.09	-53.07	125.0	13.3	Valve Adjustment:No Change,Valve 10% open
OXEW2002	8/2/2024 11:00	49.3	39.0	0.1	11.6	-38.07	-38.90	-44.31	121.2	70.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2002	8/16/2024 10:17	47.3	36.1	0.3	16.3	-43.30	-43.30	-50.12	120.9	77.1	Valve Adjustment:No Change,Valve 30% open
OXEW2003	8/2/2024 10:54	55.7	38.5	0.1	5.7	-45.27	-45.45	-44.96	89.2	3.6	Valve Adjustment:No Change,Valve 100% open
OXEW2003	8/16/2024 10:44	56.7	39.8	0.0	3.5	-50.27	-50.11	-50.30	88.5	5.8	Valve Adjustment:No Change,Valve 100% open
OXEW2004	8/1/2024 12:00	47.4	40.9	0.0	11.7	-42.20	-42.24	-45.51	122.8	41.9	Valve Adjustment:No Change
OXEW2004	8/16/2024 11:16	47.8	37.8	0.0	14.4	-46.44	-46.34	-50.62	123.1	49.1	Valve Adjustment:No Change,Valve 100% open
OXEW2005	8/2/2024 9:31	44.9	37.9	0.9	16.3	-7.59	-7.73	-42.24	127.2	29.5	Valve Adjustment:No Change,Valve 30% open
OXEW2005	8/2/2024 9:33	44.6	37.8	0.8	16.8	-7.78	-6.69	-42.47	127.9	29.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2005	8/16/2024 9:03	41.1	35.9	1.2	21.8	-8.68	-7.98	-48.34	121.1	16.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2007	8/2/2024 9:53	57.6	39.1	0.0	3.3	-43.25	-43.19	-43.09	100.0	14.4	Valve Adjustment:No Change,Valve 100% open
OXEW2007	8/16/2024 9:57	57.3	40.1	0.0	2.6	-47.37	-47.40	-47.59	100.7	14.7	Valve Adjustment:No Change,Valve 100% open
OXEW2008	8/2/2024 9:49	59.2	32.2	0.2	8.4	-43.38	-43.30	-42.95	71.0	8.6	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - August 1, 2, 5, 6, 7, 9, 12, 16, 19, 20, 21, 22, 23, 26, and 27, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2008	8/16/2024 9:18	57.1	31.6	0.0	11.3	-47.55	-47.44	-47.57	65.5	5.0	Valve Adjustment:No Change,Valve 100% open
OXEW2009	8/2/2024 15:43	57.3	34.5	0.1	8.1	-40.21	-40.47	-40.23	95.1	0.0	Valve Adjustment:No Change,Valve 100% open
OXEW2009	8/20/2024 9:13	57.1	38.0	0.2	4.7	-50.63	-50.61	-50.51	95.4	14.8	Valve Adjustment:No Change,Valve 100% open
OXEW2010	8/12/2024 8:04	0.2	3.9	20.8	75.1	-45.68	-45.39	-47.86	53.0	8.8	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXEW2010	8/12/2024 8:05	0.1	1.8	21.2	76.9	-37.42	-37.00	-48.05	53.2	28.8	Valve Adjustment:NSPS,No Change,Valve at minimum position
OXEW2010	8/20/2024 8:58	57.6	39.6	0.3	2.5	2.55	-0.13	-50.25	74.5	8.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2010	8/20/2024 9:00	56.7	40.2	0.3	2.8	-3.32	-41.62	-50.34	75.3	8.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2011	8/2/2024 12:14	43.9	35.5	0.1	20.5	-37.21	-35.52	-41.20	107.5	19.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2011	8/20/2024 10:26	40.9	38.4	0.0	20.7	-43.97	-32.39	-50.65	108.4	18.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2012	8/2/2024 11:12	49.4	36.8	0.1	13.7	-42.37	-42.58	-45.52	105.4	22.8	Valve Adjustment:No Change,Valve 100% open
OXEW2012	8/16/2024 10:28	48.7	38.8	0.1	12.4	-47.40	-47.39	-50.43	105.5	23.4	Valve Adjustment:No Change,Valve 100% open
OXEW2016	8/1/2024 9:40	57.1	42.0	0.0	0.9	9.79	-0.05	-43.60	129.2	13.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2016	8/1/2024 10:21	55.7	43.8	0.0	0.5	-7.28	-5.80	-48.58	132.2	17.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2016	8/1/2024 10:26	55.8	44.0	0.0	0.2	-0.14	-0.95	-41.50	130.4	13.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2016	8/21/2024 8:20	57.3	39.3	0.0	3.4	-20.59	-29.25	-41.86	130.2	16.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2017	8/1/2024 10:09	57.7	40.1	0.1	2.1	-1.61	-1.62	-49.98	130.4	20.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2017	8/16/2024 7:45	59.0	38.2	0.1	2.7	-3.32	-5.43	-45.02	129.0	15.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2020	8/2/2024 14:51	61.0	0.0	0.4	38.6	-1.15	-3.28	-33.48	112.3	10.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2020	8/2/2024 14:54	59.2	38.2	0.1	2.5	-5.08	-6.43	-33.73	125.9	11.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2020	8/21/2024 12:55	55.6	38.3	0.1	6.0	-16.54	-20.63	-44.42	130.0	16.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2021	8/12/2024 9:33	35.1	20.2	4.5	40.2	-6.88	-1.41	-47.47	87.5	1.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2021	8/21/2024 12:23	62.3	37.5	0.0	0.2	-0.07	-0.30	-41.87	77.0	0.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2021	8/21/2024 12:33	60.7	33.2	0.1	6.0	-0.73	-3.25	-41.63	78.2	0.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2022	8/9/2024 11:40	55.5	41.3	0.3	2.9	-42.55	-42.54	-43.54	120.7	25.9	Valve Adjustment:No Change,Valve 100% open
OXEW2022	8/21/2024 13:14	55.1	38.8	0.3	5.8	-42.62	-42.58	-43.76	121.5	26.3	Valve Adjustment:No Change,Valve 100% open
OXEW2023	8/9/2024 10:21	58.1	39.5	0.1	2.3	-37.86	-37.80	-38.27	126.1	38.1	Valve Adjustment:No Change,Valve 100% open
OXEW2023	8/26/2024 10:49	57.6	40.4	0.1	1.9	-41.89	-41.23	-42.19	126.7	18.7	Valve Adjustment:No Change,Valve 100% open
OXEW2024	8/1/2024 11:58	47.7	40.6	0.0	11.7	-43.07	-42.90	-46.18	122.8	41.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXEW2024	8/9/2024 9:50	58.4	41.5	0.0	0.1	-37.12	-38.44	-37.68	125.5	17.4	Valve Adjustment:No Change,Valve 100% open
OXEW2024	8/19/2024 12:25	58.3	40.2	0.0	1.5	-39.92	-39.87	-39.31	126.6	5.9	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - August 1, 2, 5, 6, 7, 9, 12, 16, 19, 20, 21, 22, 23, 26, and 27, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2026	8/2/2024 14:12	53.3	35.3	1.7	9.7	-35.52	-35.52	-35.48	76.1	7.4	Valve Adjustment:No Change,Valve 100% open
OXEW2026	8/19/2024 11:51	56.0	34.2	1.4	8.4	-39.89	-39.78	-39.47	79.5	3.5	Valve Adjustment:No Change,Valve 100% open
OXEW2027	8/12/2024 8:44	15.7	10.2	15.7	58.4	-33.23	-33.27	-44.94	53.2	1.2	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXEW2027	8/12/2024 10:41	42.7	32.2	1.6	23.5	-25.41	-25.45	-45.47	55.0	1.0	Valve Adjustment:No Change,Valve at minimum position
OXEW2028	8/2/2024 14:22	54.1	37.0	1.2	7.7	-35.18	-35.20	-35.04	75.3	10.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2028	8/19/2024 11:44	43.6	32.5	4.8	19.1	-39.81	-39.90	-39.13	72.3	1.9	Valve Adjustment:No Change,Valve at minimum position
OXEW2028	8/26/2024 9:00	43.7	34.2	4.0	18.1	-46.47	-46.02	-46.44	75.3	13.9	Valve Adjustment:No Change,Valve at minimum position
OXEW2029	8/9/2024 11:46	41.8	37.6	0.0	20.6	-15.26	-13.46	-44.79	123.7	35.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2029	8/26/2024 13:17	46.2	34.3	0.1	19.4	-10.38	-9.51	-44.99	124.5	20.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2030	8/9/2024 10:41	58.3	41.4	0.0	0.3	-39.03	-38.94	-40.19	123.0	14.9	Valve Adjustment:No Change,Valve 100% open
OXEW2030	8/26/2024 11:13	57.2	41.6	0.0	1.2	-43.30	-43.30	-44.59	123.4	9.4	Valve Adjustment:No Change,Valve 100% open
OXEW2031	8/1/2024 10:49	55.2	39.6	0.2	5.0	-40.78	-40.66	-41.55	126.2	40.9	Valve Adjustment:No Change,Valve 100% open
OXEW2031	8/20/2024 14:04	56.6	40.2	0.0	3.2	-45.21	-45.30	-46.43	126.2	45.8	Valve Adjustment:No Change,Valve 100% open
OXEW2101	8/6/2024 10:34	49.5	39.2	0.0	11.3	-1.30	-1.29	-47.34	124.5	21.4	Valve Adjustment:No Change,Valve 20% open
OXEW2101	8/22/2024 10:57	48.3	37.9	0.0	13.8	-1.76	-1.36	-47.55	124.1	14.4	Valve Adjustment:No Change
OXEW2102	8/9/2024 10:02	58.0	40.5	0.0	1.5	-39.43	-39.49	-39.97	76.4	16.7	Valve Adjustment:No Change,Valve 100% open
OXEW2102	8/19/2024 12:38	58.9	40.1	0.0	1.0	-38.70	-38.86	-38.71	99.7	17.8	Valve Adjustment:No Change,Valve 100% open
OXEW2103	8/9/2024 9:55	43.3	34.5	3.8	18.4	-30.43	-30.27	-38.61	111.6	48.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXEW2103	8/19/2024 12:32	43.1	32.7	3.9	20.3	-25.77	-19.96	-42.77	112.9	52.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2104	8/12/2024 9:08	58.2	38.2	0.0	3.6	-37.38	-37.39	-44.76	116.1	57.7	Valve Adjustment:No Change,Valve 100% open
OXEW2104	8/19/2024 12:06	59.7	36.6	0.1	3.6	-32.83	-32.81	-39.38	116.9	54.3	Valve Adjustment:No Change,Valve 100% open
OXEW2104	8/19/2024 12:11	59.0	40.5	0.0	0.5	-34.94	-34.88	-39.80	117.2	57.5	Valve Adjustment:No Change,Valve 100% open
OXEW2105	8/2/2024 14:00	59.7	38.6	0.1	1.6	-31.12	-31.13	-31.14	105.7	1.1	Valve Adjustment:No Change,Valve 100% open
OXEW2105	8/20/2024 12:08	57.3	37.6	0.1	5.0	-41.25	-40.99	-40.86	107.3	4.1	Valve Adjustment:No Change,Valve 100% open
OXEW2106	8/5/2024 14:16	58.5	39.9	0.0	1.6	-40.66	-40.68	-40.77	91.3	9.1	Valve Adjustment:No Change,Valve 100% open
OXEW2106	8/19/2024 13:26	55.6	38.3	0.0	6.1	-46.79	-46.74	-46.89	93.6	10.2	Valve Adjustment:No Change,Valve 100% open
OXEW2107	8/2/2024 12:30	53.5	39.3	0.0	7.2	-34.10	-34.23	-34.30	110.6	19.6	Valve Adjustment:No Change,Valve 100% open
OXEW2107	8/20/2024 9:55	53.3	41.7	0.0	5.0	-43.18	-43.35	-43.43	110.8	6.8	Valve Adjustment:No Change,Valve 100% open
OXEW2108	8/2/2024 11:05	44.2	38.3	0.0	17.5	-36.53	-35.05	-44.48	123.4	33.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2108	8/16/2024 10:22	44.8	37.5	0.0	17.7	-34.16	-31.74	-51.22	123.6	33.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - August 1, 2, 5, 6, 7, 9, 12, 16, 19, 20, 21, 22, 23, 26, and 27, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2109	8/2/2024 12:19	21.0	28.3	0.3	50.4	-41.90	-37.58	-44.83	94.1	3.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2109	8/20/2024 10:39	23.9	30.5	0.1	45.5	-27.43	-18.21	-53.87	94.4	2.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2110	8/9/2024 10:34	58.9	41.0	0.1	0.0	-36.04	-35.89	-38.51	98.6	26.5	Valve Adjustment:No Change,Valve 100% open
OXEW2110	8/26/2024 11:05	57.9	41.3	0.0	0.8	-41.30	-39.92	-41.43	100.5	2.6	Valve Adjustment:No Change,Valve 100% open
OXEW2111	8/5/2024 14:33	55.7	39.6	0.0	4.7	-26.68	-26.68	-31.25	105.0	28.7	Valve Adjustment:No Change,Valve 100% open
OXEW2111	8/5/2024 14:39	55.5	40.6	0.0	3.9	-27.98	-28.25	-30.30	104.9	30.9	Valve Adjustment:No Change,Valve 100% open
OXEW2111	8/19/2024 13:38	56.4	39.9	0.0	3.7	-42.60	-42.59	-47.37	105.6	36.9	Valve Adjustment:No Change,Valve 100% open
OXEW2112	8/2/2024 13:50	54.5	35.2	0.2	10.1	-40.25	-39.81	-41.23	108.3	31.0	Valve Adjustment:No Change,Valve 100% open
OXEW2112	8/20/2024 11:55	54.3	39.3	0.0	6.4	-47.38	-47.36	-48.02	109.4	27.5	Valve Adjustment:No Change,Valve 100% open
OXEW2113	8/5/2024 14:26	56.9	39.9	0.1	3.1	-32.75	-32.88	-33.25	100.4	14.5	Valve Adjustment:No Change,Valve 100% open
OXEW2113	8/19/2024 13:31	57.1	40.4	0.2	2.3	-46.79	-46.68	-47.41	101.1	21.8	Valve Adjustment:No Change,Valve 100% open
OXEW2207	8/5/2024 10:01	48.3	37.5	0.2	14.0	-31.04	-31.08	-33.02	119.4	65.9	Valve Adjustment:No Change,Valve 90% open
OXEW2207	8/19/2024 12:48	51.2	36.4	0.2	12.2	-36.63	-36.64	-39.14	121.3	82.5	Valve Adjustment:No Change
OXEW2208	8/2/2024 16:47	56.3	37.7	0.3	5.7	-13.39	-15.76	-51.67	104.5	56.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2208	8/19/2024 13:44	52.3	39.1	0.2	8.4	-18.27	-19.29	-50.62	107.2	67.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW2209	8/9/2024 9:59	59.6	39.2	0.1	1.1	-37.48	-37.51	-38.56	98.3	24.8	Valve Adjustment:No Change,Valve 100% open
OXEW2209	8/19/2024 12:35	59.3	38.7	0.1	1.9	-38.90	-38.90	-40.17	99.0	27.6	Valve Adjustment:No Change,Valve 100% open
OXEW2210	8/1/2024 14:24	53.3	36.1	0.4	10.2	-41.50	-41.27	-41.91	109.9	16.4	Valve Adjustment:No Change,Valve 100% open
OXEW2210	8/21/2024 13:39	51.7	36.5	1.4	10.4	-38.91	-38.90	-39.50	109.0	18.0	Valve Adjustment:No Change,Valve 90% open
OXEW2211	8/5/2024 9:10	57.1	37.2	0.0	5.7	-38.66	-38.59	-39.63	123.0	50.9	Valve Adjustment:No Change,Valve 100% open
OXEW2211	8/26/2024 10:44	57.1	38.1	0.0	4.8	-39.29	-38.90	-39.68	123.7	11.4	Valve Adjustment:No Change,Valve 100% open
OXEW2212	8/9/2024 9:21	46.3	35.8	0.0	17.9	-10.60	-9.82	-41.13	116.2	67.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2212	8/19/2024 12:17	49.0	36.0	0.0	15.0	-9.81	-9.81	-41.57	117.1	63.3	Valve Adjustment:No Change,Valve 25% open
OXEW2213	8/2/2024 14:26	56.5	39.5	0.1	3.9	-29.09	-29.13	-34.29	111.1	92.0	Valve Adjustment:No Change,Valve 100% open
OXEW2213	8/19/2024 11:20	61.1	38.8	0.1	0.0	-32.67	-32.72	-37.00	109.7	104.7	Valve Adjustment:No Change,Valve 100% open
OXEW2213	8/19/2024 11:32	60.5	38.2	0.0	1.3	-35.29	-35.41	-39.05	109.6	114.2	Valve Adjustment:No Change,Valve 100% open
OXEW2214	8/9/2024 10:59	40.9	36.3	0.0	22.8	-43.83	-43.21	-45.05	103.3	26.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2214	8/22/2024 10:24	39.6	32.4	0.1	27.9	-46.30	-29.92	-49.00	103.2	30.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEWHC6A**	8/1/2024 11:40	51.6	39.6	7.3	1.5	-2.38	-2.37	-51.67	71.2	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEWHC6A**	8/16/2024 11:41	13.3	24.7	0.1	61.9	-0.05	-0.06	-50.17	72.6	0.2	Valve Adjustment:No Change,Valve at minimum position

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - August 1, 2, 5, 6, 7, 9, 12, 16, 19, 20, 21, 22, 23, 26, and 27, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXHC1922	8/5/2024 14:30	49.9	38.5	0.3	11.3	-17.55	-17.55	-33.49	103.4	35.7	Valve Adjustment:No Change,Valve 40% open
OXHC1922	8/19/2024 13:35	52.3	39.2	0.2	8.3	-22.37	-24.59	-49.49	103.5	42.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC2000	8/9/2024 13:14	60.3	38.5	0.1	1.1	-40.17	-40.23	-41.59	81.2	22.8	Valve Adjustment:No Change,Valve 100% open
OXHC2000	8/26/2024 10:30	58.9	40.0	0.0	1.1	-47.15	-46.47	-47.90	86.1	44.7	Valve Adjustment:No Change,Valve 100% open
OXHC2001	8/9/2024 13:11	59.1	38.8	0.1	2.0	-38.71	-38.86	-44.36	81.1	53.9	Valve Adjustment:No Change,Valve 100% open
OXHC2001	8/26/2024 10:27	57.6	39.5	0.3	2.6	-45.53	-43.69	-49.40	81.2	31.9	Valve Adjustment:No Change,Valve 100% open
OXHC2014	8/2/2024 13:41	55.7	30.7	0.2	13.4	-23.00	-22.98	-40.29	98.4	102.4	Valve Adjustment:No Change,Valve 100% open
OXHC2014	8/20/2024 11:40	55.3	37.0	0.0	7.7	-26.35	-25.90	-46.91	98.9	113.3	Valve Adjustment:No Change,Valve 100% open
OXHC2015	8/2/2024 7:57	55.2	36.3	0.0	8.5	-26.16	-26.38	-50.80	68.7	114.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 95% open
OXHC2015	8/20/2024 10:52	53.1	38.9	0.0	8.0	-30.88	-31.33	-56.12	84.6	118.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2101	8/12/2024 8:57	61.3	28.5	0.5	9.7	-0.01	-0.02	-42.59	78.1	2.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXHC2101	8/12/2024 9:01	57.5	37.7	0.0	4.8	-0.02	-0.02	-43.08	91.7	4.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXHC2101	8/26/2024 9:47	45.5	35.2	1.1	18.2	-0.41	-0.39	-43.57	98.1	11.8	Valve Adjustment:No Change
OXLCR13B	8/2/2024 8:04	31.2	27.9	0.3	40.6	-2.07	-2.07	-45.80	58.3	7.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR13B	8/20/2024 10:58	36.2	33.1	0.0	30.7	-2.54	-2.51	-52.04	90.9	0.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4A1	8/2/2024 8:08	48.3	35.6	0.0	16.1	-41.34	-40.25	-47.36	59.0	43.0	Valve Adjustment:No Change
OXLCR4A1	8/20/2024 11:03	43.7	36.6	0.1	19.6	-35.91	-18.31	-51.77	71.4	45.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXLCR4B1	8/12/2024 8:23	54.8	40.4	0.8	4.0	-2.15	-2.21	-52.28	54.2	0.5	Valve Adjustment:No Change,Valve at minimum position
OXLCR4B1	8/26/2024 13:50	45.6	30.8	4.8	18.8	-1.90	-1.66	-47.98	87.4	1.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	8/9/2024 13:24	57.1	37.3	0.5	5.1	-0.06	-0.07	-45.02	70.0	3.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS07	8/22/2024 10:16	46.9	33.2	2.8	17.1	-0.24	-0.41	-49.39	79.3	3.5	Valve Adjustment:No Change,Valve at minimum position
OXLCRS10	8/1/2024 12:46	54.8	38.4	0.1	6.7	-35.68	-35.39	-35.81	93.4	42.1	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	8/26/2024 9:44	60.5	39.4	0.0	0.1	-44.12	-44.10	-44.26	93.2	42.7	Valve Adjustment:No Change,Valve 100% open
OXLCRS11	8/1/2024 12:45	53.8	37.3	0.4	8.5	-0.81	-1.09	-38.12	91.4	45.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXLCRS11	8/27/2024 9:24	56.2	37.6	0.1	6.1	-0.79	-0.74	-26.24	90.4	45.9	Valve Adjustment:No Change,Valve 40% open
OXLCRS12	8/9/2024 12:59	60.5	36.5	0.0	3.0	-8.03	-7.98	-38.60	81.0	150.4	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	8/26/2024 9:38	59.2	40.4	0.0	0.4	-9.81	-9.81	-42.42	81.0	154.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	8/7/2024 11:23	57.0	39.6	0.1	3.3	-38.22	-39.07	-44.28	94.0	135.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	8/21/2024 8:54	55.0	43.8	0.0	1.2	-38.80	-38.01	-42.53	92.2	113.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	8/7/2024 11:26	55.6	43.3	0.1	1.0	-37.71	-38.10	-45.23	94.5	157.9	Valve Adjustment:No Change,Valve 100% open

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXLCRS3B	8/21/2024 8:56	54.8	44.3	0.0	0.9	-39.71	-37.97	-43.32	92.5	120.3	Valve Adjustment:No Change,Valve 100% open
OXLCRS7B	8/9/2024 13:20	59.9	35.1	0.0	5.0	-0.02	-0.06	-44.82	82.6	3.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS7B	8/22/2024 10:13	58.6	35.8	0.2	5.4	-0.02	-0.28	-49.00	75.3	2.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXLCRS8A	8/2/2024 8:00	57.9	38.6	0.0	3.5	-42.85	-43.90	-47.02	65.3	53.3	Valve Adjustment:No Change,Valve 100% open
OXLCRS8A	8/20/2024 10:55	56.8	39.8	0.0	3.4	-42.89	-45.97	-52.92	96.8	80.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS9A	8/2/2024 13:43	57.2	36.8	0.6	5.4	-40.74	-40.48	-40.71	81.8	3.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS9A	8/20/2024 11:42	56.4	40.3	0.2	3.1	-47.60	-47.51	-47.71	88.8	6.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS9B	8/2/2024 13:44	58.2	37.7	0.1	4.0	-40.30	-40.25	-40.76	84.2	13.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS9B	8/20/2024 11:44	57.0	40.5	0.0	2.5	-46.80	-46.73	-47.55	87.5	14.7	Valve Adjustment:No Change,Valve 100% open
OXME302D	8/6/2024 12:16	55.5	38.3	0.0	6.2	-45.33	-45.33	-47.23	117.7	32.9	Valve Adjustment:No Change,Valve 100% open
OXME302D	8/21/2024 12:36	59.6	37.0	0.0	3.4	-43.22	-43.28	-44.73	117.7	30.7	Valve Adjustment:No Change,Valve 100% open
OXME306D	8/6/2024 13:55	53.7	37.3	0.0	9.0	-1.10	-1.14	-48.52	122.0	4.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXME306D	8/21/2024 12:04	45.5	37.3	0.0	17.2	-1.58	-1.58	-45.43	120.6	8.5	Valve Adjustment:No Change,Valve 20% open
OXME306D	8/21/2024 12:08	45.5	36.9	0.0	17.6	-1.56	-0.99	-45.26	120.4	10.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXME312D	8/9/2024 11:56	33.7	35.8	0.5	30.0	-3.05	-3.03	-43.15	83.7	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	8/23/2024 9:51	48.6	37.6	0.4	13.4	-2.35	-2.36	-37.10	81.9	0.0	Valve Adjustment:No Change
OXME316D	8/2/2024 15:55	59.5	37.6	0.1	2.8	-33.62	-33.48	-35.72	127.3	33.1	Valve Adjustment:NSPS,Valve 100% open
OXME316D	8/23/2024 8:36	58.8	37.9	0.0	3.3	-42.79	-42.79	-45.85	125.9	41.2	Valve Adjustment:No Change,Valve 100% open
OXME317D	8/2/2024 15:59	57.2	38.4	0.7	3.7	-37.71	-37.76	-37.74	82.1	8.4	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	8/23/2024 8:41	57.7	38.1	0.6	3.6	-48.88	-48.88	-48.96	67.6	8.7	Valve Adjustment:No Change
OXMEW113	8/7/2024 10:29	42.4	35.9	2.9	18.8	-15.57	-14.59	-47.66	81.5	0.0	Valve Adjustment:No Change
OXMEW113	8/23/2024 13:37	42.1	33.5	3.3	21.1	-15.32	-14.32	-48.24	80.8	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	8/12/2024 7:39	57.9	41.0	0.4	0.7	-48.12	-48.06	-48.07	58.8	5.2	Valve Adjustment:No Change
OXMEW122	8/26/2024 14:08	36.5	21.8	10.1	31.6	-45.29	-45.16	-45.30	103.0	31.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXMEW122	8/26/2024 14:10	37.4	20.2	9.0	33.4	-45.02	-44.91	-45.41	101.1	25.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW126	8/7/2024 9:48	55.5	39.5	0.1	4.9	-49.93	-49.89	-49.98	76.2	2.6	Valve Adjustment:No Change,Valve 100% open
OXMEW126	8/23/2024 12:54	54.2	39.5	0.1	6.2	-50.97	-50.74	-50.70	74.4	2.8	Valve Adjustment:No Change,Valve 100% open
OXMEW138	8/7/2024 11:31	46.7	37.5	0.1	15.7	-5.47	-5.47	-44.32	82.5	3.6	Valve Adjustment:No Change
OXMEW138	8/21/2024 8:51	43.0	36.5	0.0	20.5	-4.47	-3.26	-42.38	79.5	3.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW145	8/7/2024 12:03	55.5	36.2	0.2	8.1	-47.91	-47.66	-48.02	89.2	3.6	Valve Adjustment:No Change,Valve 100% open

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW145	8/23/2024 13:55	52.3	33.3	2.0	12.4	-48.03	-48.01	-48.04	82.1	2.5	Valve Adjustment:No Change,Valve 100% open
OXMEW156	8/1/2024 11:38	51.2	39.6	1.5	7.7	-0.11	-0.16	-51.56	70.9	1.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW156	8/16/2024 11:38	44.6	36.8	0.3	18.3	-0.62	-0.62	-50.14	79.9	1.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW158	8/7/2024 9:38	31.1	31.2	0.2	37.5	-16.19	-12.79	-49.81	74.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OXMEW158	8/23/2024 12:44	23.8	30.6	0.0	45.6	-3.52	-1.81	-50.38	74.2	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW159	8/7/2024 9:44	39.3	35.5	1.4	23.8	-47.05	-47.02	-50.19	72.6	5.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXMEW159	8/23/2024 12:49	39.8	35.8	1.2	23.2	-47.47	-41.21	-50.71	72.6	5.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW162	8/7/2024 11:45	58.4	36.1	1.0	4.5	-47.23	-47.40	-47.20	76.6	4.8	Valve Adjustment:No Change
OXMEW162	8/21/2024 10:46	59.8	35.4	1.1	3.7	-44.79	-44.80	-44.43	76.7	9.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	8/2/2024 9:14	40.1	29.3	0.0	30.6	-43.93	-43.61	-43.74	65.1	0.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXMEW170	8/16/2024 8:15	37.0	29.6	0.1	33.3	-49.51	-49.43	-49.85	57.0	5.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXMEW173	8/1/2024 11:53	40.9	36.1	0.2	22.8	-5.75	-4.79	-53.16	101.3	39.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	8/16/2024 11:10	41.6	35.8	0.1	22.5	-4.93	-4.81	-49.35	98.7	13.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW174	8/1/2024 11:37	52.0	37.6	0.0	10.4	-8.70	-9.47	-51.74	72.9	7.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW174	8/16/2024 11:37	45.0	35.6	0.0	19.4	-10.85	-9.44	-50.51	75.8	8.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	8/1/2024 11:43	57.9	37.6	0.1	4.4	-3.16	-5.49	-52.11	79.1	1.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	8/16/2024 11:44	47.1	38.8	0.0	14.1	-8.79	-8.12	-50.30	81.1	6.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW181	8/5/2024 14:50	57.9	40.8	0.0	1.3	-27.36	-27.92	-27.32	104.4	7.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW181	8/19/2024 13:51	58.3	41.3	0.0	0.4	-36.27	-36.24	-47.20	108.6	45.1	Valve Adjustment:No Change,Valve 100% open
OXMEW181	8/19/2024 14:00	57.8	41.3	0.0	0.9	-42.16	-41.86	-46.53	109.5	54.8	Valve Adjustment:No Change,Valve 100% open
OXMEW182	8/2/2024 16:11	52.1	35.6	0.1	12.2	-36.15	-36.49	-38.44	118.7	35.6	Valve Adjustment:No Change,Valve 100% open
OXMEW182	8/23/2024 9:10	52.0	37.0	0.0	11.0	-45.10	-45.12	-49.52	118.6	50.0	Valve Adjustment:No Change,Valve 100% open
OXMEW183	8/6/2024 11:58	47.2	38.0	0.1	14.7	-8.75	-8.79	-46.74	115.2	36.8	Valve Adjustment:No Change
OXMEW183	8/22/2024 13:02	44.1	36.2	0.1	19.6	-9.28	-6.47	-49.29	114.8	46.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	8/6/2024 11:27	51.0	38.5	0.1	10.4	-0.87	-0.96	-45.29	121.2	28.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW184	8/22/2024 12:52	48.9	37.7	0.0	13.4	-1.14	-1.09	-46.85	120.9	37.5	Valve Adjustment:No Change
OXMEW185	8/6/2024 11:50	41.8	33.9	0.1	24.2	-4.74	-4.71	-46.02	111.5	46.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	8/22/2024 12:42	37.2	31.9	0.0	30.9	-5.71	-2.47	-46.95	111.6	44.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW186	8/1/2024 13:50	47.5	36.9	0.0	15.6	-3.45	-3.30	-47.08	126.8	13.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW186	8/23/2024 9:33	46.3	38.5	0.0	15.2	-3.46	-3.42	-47.16	124.9	17.1	Valve Adjustment:No Change,Valve 15% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - August 1, 2, 5, 6, 7, 9, 12, 16, 19, 20, 21, 22, 23, 26, and 27, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW186	8/23/2024 9:40	45.8	39.2	0.0	15.0	-3.23	-2.95	-46.95	124.0	27.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW187	8/6/2024 11:10	52.5	41.5	1.9	4.1	-1.61	-1.60	-46.23	101.7	42.2	Valve Adjustment:No Change
OXMEW187	8/22/2024 12:03	27.0	27.0	3.1	42.9	-2.75	-2.58	-47.38	110.4	30.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	8/6/2024 10:49	52.9	40.1	0.1	6.9	-1.43	-1.44	-46.42	116.8	0.0	Valve Adjustment:No Change
OXMEW188	8/22/2024 11:23	51.2	38.0	0.2	10.6	-1.90	-2.14	-47.06	117.4	18.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW189	8/6/2024 10:43	48.8	38.5	2.7	10.0	-2.52	-2.49	-45.73	121.8	23.8	Valve Adjustment:No Change
OXMEW189	8/22/2024 11:05	49.4	37.1	1.1	12.4	-3.79	-3.76	-46.65	123.1	28.3	Valve Adjustment:No Change
OXMEW190	8/9/2024 11:51	47.5	39.3	0.1	13.1	-22.72	-22.71	-43.73	127.4	35.4	Valve Adjustment:No Change,Valve 50% open
OXMEW190	8/26/2024 13:25	49.9	34.5	0.2	15.4	-21.71	-21.82	-42.74	127.6	32.0	Valve Adjustment:No Change,Valve 50% open
OXMEW191	8/2/2024 11:34	54.9	39.8	0.0	5.3	-0.12	-1.47	-44.69	120.3	42.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW191	8/16/2024 11:30	45.4	37.5	1.9	15.2	-7.12	-7.02	-51.99	119.5	32.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	8/2/2024 11:21	49.9	38.5	0.0	11.6	-12.85	-13.02	-44.33	82.0	4.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW192	8/16/2024 10:31	49.8	38.8	0.0	11.4	-14.86	-14.87	-50.32	83.4	6.1	Valve Adjustment:No Change,Valve 5% open
OXMEW194	8/2/2024 15:01	52.0	39.1	1.6	7.3	-39.92	-39.92	-39.71	84.4	13.2	Valve Adjustment:No Change
OXMEW194	8/22/2024 13:07	49.5	36.9	1.6	12.0	-51.21	-51.12	-51.38	85.0	18.4	Valve Adjustment:No Change
OXMEW196	8/9/2024 12:22	40.5	33.7	0.5	25.3	-27.32	-27.32	-42.37	117.5	50.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	8/23/2024 9:23	40.3	35.2	0.0	24.5	-29.60	-29.59	-48.11	117.7	38.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	8/1/2024 13:46	48.6	38.0	0.4	13.0	-11.75	-11.28	-46.62	124.9	81.6	Valve Adjustment:No Change
OXMEW199	8/23/2024 9:29	48.6	36.7	0.3	14.4	-11.59	-12.04	-46.05	125.3	87.1	Valve Adjustment:No Change
OXMEW200	8/6/2024 11:03	56.1	43.1	0.0	0.8	-0.09	-0.46	-46.82	107.5	10.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	8/22/2024 11:47	48.6	37.0	0.4	14.0	-0.84	-0.83	-47.68	115.0	0.0	Valve Adjustment:No Change
OXMEW201	8/6/2024 11:19	44.0	37.7	0.0	18.3	-0.52	-0.52	-46.75	99.0	38.4	Valve Adjustment:No Change
OXMEW201	8/22/2024 12:28	40.2	33.9	0.0	25.9	-0.81	-0.63	-47.40	98.4	13.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW203	8/7/2024 10:40	45.9	33.4	0.4	20.3	-28.59	-28.46	-47.82	80.7	1.7	Valve Adjustment:No Change,Valve at minimum position
OXMEW203	8/21/2024 9:27	40.8	33.2	0.6	25.4	-26.00	-11.76	-44.69	76.9	1.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW204	8/7/2024 10:44	49.3	36.3	0.0	14.4	-5.45	-5.45	-44.45	101.6	4.5	Valve Adjustment:No Change,Valve 10% open
OXMEW204	8/21/2024 9:15	56.9	38.7	0.1	4.3	-0.89	-4.12	-41.84	88.2	2.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW204	8/21/2024 9:16	57.1	38.8	0.1	4.0	-9.76	-10.44	-42.67	91.8	6.3	Valve Adjustment:No Change,Valve 20% open
OXMEW205	8/6/2024 11:14	48.0	40.8	0.0	11.2	-0.64	-0.64	-45.95	129.9	16.0	Valve Adjustment:No Change
OXMEW205	8/22/2024 12:16	37.4	35.7	0.0	26.9	-0.94	-0.84	-46.64	129.5	15.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - August 1, 2, 5, 6, 7, 9, 12, 16, 19, 20, 21, 22, 23, 26, and 27, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW209	8/9/2024 11:35	56.8	40.7	0.1	2.4	-35.43	-35.43	-43.49	133.3	62.4	Valve Adjustment:No Change,Valve 100% open
OXMEW209	8/21/2024 13:09	56.7	38.3	0.0	5.0	-35.21	-35.17	-43.05	133.2	62.0	Valve Adjustment:No Change,Valve 100% open
OXMEW210	8/6/2024 13:47	59.3	39.4	0.0	1.3	-43.20	-43.15	-47.46	122.8	40.6	Valve Adjustment:No Change,Valve 100% open
OXMEW210	8/21/2024 11:56	58.7	38.2	0.1	3.0	-40.59	-40.59	-44.41	122.0	38.5	Valve Adjustment:No Change,Valve 100% open
OXMEW300	8/12/2024 9:37	54.6	34.1	1.6	9.7	-47.26	-46.81	-47.02	100.6	22.1	Valve Adjustment:No Change,Valve 100% open
OXMEW300	8/21/2024 12:29	55.4	35.1	1.3	8.2	-44.31	-44.23	-44.41	101.8	24.5	Valve Adjustment:No Change,Valve 100% open
OXMEW302	8/6/2024 12:14	36.3	35.4	0.5	27.8	-5.07	-5.07	-47.57	105.8	0.0	Valve Adjustment:No Change
OXMEW302	8/21/2024 12:39	41.6	32.3	0.5	25.6	-4.72	-3.68	-44.50	101.8	8.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	8/6/2024 13:58	54.2	36.2	0.0	9.6	-1.10	-1.09	-47.31	85.4	6.9	Valve Adjustment:No Change
OXMEW306	8/21/2024 12:10	35.9	31.3	0.1	32.7	-0.86	-0.83	-44.73	75.0	9.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	8/7/2024 12:09	53.0	38.2	1.9	6.9	-47.46	-47.44	-47.51	80.8	1.6	Valve Adjustment:No Change,Valve 100% open
OXMEW307	8/23/2024 13:59	53.7	37.5	1.1	7.7	-48.03	-48.03	-48.02	85.9	2.0	Valve Adjustment:No Change,Valve 100% open
OXMEW309	8/6/2024 12:05	50.8	38.4	0.3	10.5	-8.79	-8.79	-46.69	106.6	0.0	Valve Adjustment:No Change
OXMEW309	8/21/2024 13:04	45.6	35.5	0.6	18.3	-9.12	-7.84	-44.70	104.4	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	8/1/2024 13:42	48.8	39.4	0.7	11.1	-16.28	-16.28	-46.27	114.9	11.1	Valve Adjustment:No Change
OXMEW310	8/21/2024 8:01	52.0	38.0	0.8	9.2	-16.06	-16.19	-42.89	112.1	16.1	Valve Adjustment:Opened valve 1/2 turn to 1 turn
OXMEW311	8/7/2024 11:53	54.9	34.4	0.9	9.8	-47.02	-47.06	-47.32	117.8	29.3	Valve Adjustment:No Change
OXMEW311	8/21/2024 9:50	50.9	38.8	0.6	9.7	-43.74	-43.74	-43.55	117.4	32.8	Valve Adjustment:No Change
OXMEW312	8/9/2024 12:00	40.7	37.4	0.0	21.9	-7.39	-6.34	-43.11	99.7	12.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	8/23/2024 9:48	49.1	39.0	0.0	11.9	-4.74	-4.74	-46.49	101.4	9.1	Valve Adjustment:No Change
OXMEW315	8/9/2024 11:23	49.6	40.2	0.0	10.2	-42.96	-41.95	-43.95	120.2	18.9	Valve Adjustment:No Change,Valve 90% open
OXMEW315	8/21/2024 13:22	50.8	35.4	0.0	13.8	-42.56	-42.71	-43.95	120.2	23.0	Valve Adjustment:No Change,Valve 100% open
OXMEW316	8/2/2024 15:54	57.2	34.9	0.2	7.7	-34.46	-34.46	-37.42	117.5	13.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	8/23/2024 8:33	60.1	34.1	0.1	5.7	-43.58	-43.81	-47.73	112.3	12.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	8/2/2024 15:58	58.3	38.9	0.5	2.3	-38.18	-37.70	-38.10	93.0	4.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	8/23/2024 8:39	57.6	38.9	0.5	3.0	-48.59	-48.70	-48.76	93.3	8.4	Valve Adjustment:No Change
OXMEW318	8/2/2024 16:06	42.8	32.8	0.1	24.3	-6.37	-5.20	-37.39	109.9	18.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXMEW318	8/23/2024 8:50	48.0	35.4	0.0	16.6	-5.09	-5.04	-49.30	108.9	14.8	Valve Adjustment:No Change,Valve 15% open
OXMEW318	8/23/2024 8:55	47.5	36.5	0.0	16.0	-4.85	-4.84	-49.14	108.8	15.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW319	8/1/2024 14:09	37.0	33.0	2.2	27.8	-18.92	-18.17	-49.04	107.9	43.3	Valve Adjustment:Closed valve 1/2 turn or less

Ox Mountain Landfill  
Wellfield Monitoring Report - August 1, 2, 5, 6, 7, 9, 12, 16, 19, 20, 21, 22, 23, 26, and 27, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW319	8/21/2024 8:06	48.0	37.3	0.5	14.2	-15.25	-15.18	-41.25	105.2	26.1	Valve Adjustment:No Change
OXMEW320	8/5/2024 8:44	56.7	39.3	0.3	3.7	-46.98	-47.12	-47.02	120.8	11.6	Valve Adjustment:No Change
OXMEW320	8/22/2024 14:11	57.0	39.3	0.3	3.4	-46.68	-46.85	-46.66	122.2	9.3	Valve Adjustment:No Change
OXMEW322	8/5/2024 14:07	58.9	38.6	0.1	2.4	-38.65	-38.52	-40.87	95.2	18.7	Valve Adjustment:No Change,Valve 100% open
OXMEW322	8/19/2024 13:15	60.4	38.7	0.2	0.7	-43.91	-43.81	-46.91	97.3	21.5	Valve Adjustment:No Change,Valve 100% open
OXMEW323	8/5/2024 14:09	56.6	39.5	0.5	3.4	-40.90	-40.95	-40.93	90.5	4.5	Valve Adjustment:No Change,Valve 100% open
OXMEW323	8/19/2024 13:19	59.3	40.5	0.1	0.1	-47.30	-47.39	-47.19	94.5	5.8	Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	8/12/2024 10:20	56.2	35.3	0.4	8.1	-41.67	-40.72	-41.81	61.6		Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	8/23/2024 13:10	57.0	41.2	0.0	1.8	-48.51	-48.03	-48.72	80.2		Valve Adjustment:No Change,Valve 100% open
OXMEWW05	8/5/2024 13:56	58.8	38.7	0.0	2.5	-41.79	-41.97	-41.15	71.9	16.7	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	8/20/2024 9:18	57.7	39.5	0.0	2.8	-50.78	-50.67	-50.55	73.0	7.1	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	8/5/2024 13:52	50.6	36.4	0.2	12.8	-41.97	-41.88	-41.58	68.5	9.8	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	8/20/2024 9:23	57.9	40.6	0.0	1.5	-49.85	-49.76	-50.26	70.9	24.1	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	8/12/2024 8:16	56.3	41.8	0.2	1.7	-3.39	-3.39	-49.85	53.3	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEWW08	8/26/2024 13:44	49.3	34.7	2.1	13.9	-3.72	-2.92	-46.01	90.1	1.9	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1G	8/2/2024 15:39	50.5	33.2	0.3	16.0	-29.05	-29.05	-40.45	86.5	10.0	Valve Adjustment:No Change,Valve 10% open
OXMEWW1G	8/16/2024 12:12	47.3	36.7	0.1	15.9	-33.15	-33.15	-48.82	84.7	11.0	Valve Adjustment:No Change,Valve 20% open
OXMEWW1S	8/12/2024 7:51	56.4	36.9	0.4	6.3	-24.81	-24.82	-48.56	65.9	18.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	8/26/2024 12:16	58.1	33.2	0.7	8.0	-24.02	-24.02	-46.06	71.0	31.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	8/12/2024 7:29	54.2	40.8	0.1	4.9	-47.30	-49.68	-48.85	63.4	38.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMHCF03	8/19/2024 14:10	55.3	41.9	0.1	2.7	-48.65	-48.71	-48.57	87.5	10.0	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	8/12/2024 7:26	55.9	36.5	0.4	7.2	-49.84	-49.94	-49.73	54.4	4.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF04	8/19/2024 14:08	54.4	41.0	0.6	4.0	-49.39	-49.39	-49.07	82.7	7.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	8/2/2024 12:08	57.8	34.0	0.4	7.8	-44.31	-44.50	-43.99	78.1	6.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	8/20/2024 10:31	54.9	41.6	0.1	3.4	-52.93	-53.17	-52.86	82.2	3.8	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	8/2/2024 12:00	55.4	36.4	0.1	8.1	-44.63	-44.14	-44.59	76.2	9.4	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	8/16/2024 12:05	58.1	35.9	0.2	5.8	-50.74	-50.40	-50.78	74.9	3.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	8/1/2024 11:47	55.4	41.6	0.0	3.0	-52.66	-52.77	-52.55	76.6	1.7	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	8/16/2024 11:48	55.3	38.6	0.1	6.0	-49.80	-49.86	-49.95	79.0	0.9	Valve Adjustment:No Change,Valve 100% open
OXMPEW33	8/2/2024 11:18	41.5	35.2	0.1	23.2	-9.96	-6.06	-45.94	81.1	13.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - August 1, 2, 5, 6, 7, 9, 12, 16, 19, 20, 21, 22, 23, 26, and 27, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMPEW33	8/16/2024 10:37	55.8	39.5	0.0	4.7	-4.91	-5.16	-50.85	79.6	6.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
<b>OXMPEW35</b>	8/2/2024 12:35	47.4	39.1	0.7	12.8	-33.98	-34.08	-34.27	119.6	21.0	Valve Adjustment:Opened valve 1/2 turn or less
<b>OXMPEW35</b>	8/20/2024 10:11	46.3	39.4	0.6	13.7	-38.40	-38.31	-38.38	120.1	26.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW44	8/12/2024 7:48	54.2	36.4	1.6	7.8	-48.96	-48.84	-48.97	53.4	6.3	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	8/26/2024 12:20	59.6	37.5	0.2	2.7	-45.62	-45.54	-45.64	85.8	15.7	Valve Adjustment:No Change,Valve 100% open
OXSS2032	8/1/2024 12:40	52.5	35.2	0.1	12.2	-19.96	-19.96	-34.56	79.9	92.9	Valve Adjustment:No Change,Valve 100% open
OXSS2032	8/26/2024 9:28	51.1	38.5	0.2	10.2	-26.55	-24.02	-42.91	79.4	56.9	Valve Adjustment:No Change,Valve 100% open
OXSS2033	8/9/2024 13:08	59.5	37.7	0.0	2.8	-37.32	-37.17	-42.21	91.1	30.2	Valve Adjustment:No Change,Valve 100% open
OXSS2033	8/26/2024 10:22	58.1	38.8	0.1	3.0	-43.83	-42.54	-45.93	90.6	22.2	Valve Adjustment:No Change,Valve 100% open
OXSS2034	8/9/2024 13:05	60.9	37.2	0.1	1.8	-39.89	-39.70	-39.50	92.0	12.9	Valve Adjustment:No Change,Valve 100% open
OXSS2034	8/26/2024 10:18	59.3	34.9	0.4	5.4	-43.93	-43.47	-44.13	89.9	8.0	Valve Adjustment:No Change,Valve 100% open
OXSS2215	8/9/2024 10:28	52.6	41.3	2.4	3.7	-0.03	-0.03	-38.52	93.6	9.4	Valve Adjustment:No Change,Valve at minimum position
OXSS2215	8/26/2024 10:57	57.0	41.8	0.4	0.8	0.03	-0.02	-42.20	89.5	3.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2215	8/26/2024 10:59	54.7	41.3	3.0	1.0	-0.12	-0.13	-42.00	89.1	6.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2216	8/2/2024 13:48	44.3	33.7	3.8	18.2	-31.46	-29.89	-38.79	84.8	66.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXSS2216	8/20/2024 11:51	38.1	30.0	5.6	26.3	-31.12	-23.68	-48.49	85.5	70.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 40% open
OXSS2216	8/20/2024 11:59	45.6	31.8	2.7	19.9	-12.52	-11.84	-48.08	86.0	20.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open

<sup>1</sup> - Oxygen is only required to be monitored per NESHAP Subpart AAAA and high percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are highlighted for reporting purposes only.

**Bold Italics** = HOV/LTCO approval from BAAQMD

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

\*\*Well OXEWHC6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

≤140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii) OXEW1618, OXMEW205, OXMEW209, OXMPEW35
---

≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(i) OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS05, OXLCRS06, OXLCRS07, OXMEWHC6, OXMTBTC4, OXMEVW47, and OXMHC606.
--

LTCO per Title V Permit Condition Number 10164 part 18(d)(i) OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, OXLCRS04, OXLCRS4A, OXLCRS4B, OXLCRS05, OXLCRS06, and OXLCRS07.
---

\*Wells that have been decommissioned are noted with a strikethrough.

Total Number of Active Wells	218
Total Number of Well Readings	467
Total Number of Readings NOT Collected	0

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMLEW101	9/13/2024 11:19	51.7	36.6	1.8	9.9	-3.24	-3.23	-32.46	82.0	13.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLEW101	9/22/2024 10:00	52.2	35.1	2.0	10.7	-2.40	-2.49	-24.52	79.2	11.3	Valve Adjustment:No Change,Valve at minimum position
OMLEW104	9/12/2024 13:33	38.9	30.8	2.0	28.3	-42.93	-40.64	-45.47	89.5	49.6	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW104	9/19/2024 9:54	40.6	33.2	2.0	24.2	-41.72	-40.38	-48.55	84.6	49.5	Valve Adjustment:Closed valve 1/2 turn or less
OMLFEW59	9/5/2024 12:10	51.3	37.9	0.0	10.8	-1.77	-1.75	-43.81	108.8	24.0	Valve Adjustment:No Change,Valve 15% open
OMLFEW59	9/17/2024 11:01	47.9	39.6	0.0	12.5	-1.54	-1.36	-34.52	106.9	22.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMLFEW72	9/12/2024 13:21	44.6	34.8	0.1	20.5	-2.31	-2.27	-47.29	79.8	7.0	Valve Adjustment:No Change,Valve at minimum position
OMLFEW72	9/23/2024 13:01	44.6	36.2	0.2	19.0	-1.90	-1.71	-39.21	77.6	5.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLFEW99	9/6/2024 12:04	51.5	36.5	0.1	11.9	-0.59	-0.59	-53.94	73.5	11.4	Valve Adjustment:No Change,Valve at minimum position
OMLFEW99	9/17/2024 11:28	48.3	36.7	0.0	15.0	-0.61	-0.61	-50.87	66.3	11.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS01	9/12/2024 13:10	27.9	27.4	4.7	40.0	-0.15	-0.10	-46.52	89.4	2.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS01	9/21/2024 12:33	32.1	26.5	2.4	39.0	-0.13	-0.14	-44.61	82.5	3.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	9/12/2024 13:06	45.4	32.8	0.8	21.0	-0.17	-0.18	-46.82	76.6	5.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	9/21/2024 12:29	24.0	26.7	7.5	41.8	-0.26	-0.26	-45.64	74.3	5.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	9/12/2024 13:04	36.8	28.1	0.3	34.8	-0.19	-0.20	-46.58	76.2	3.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	9/21/2024 12:26	40.1	33.4	6.4	20.1	-0.30	-0.29	-45.13	72.3	3.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	9/3/2024 10:00	35.3	28.9	0.7	35.1	-0.13	-0.13	-39.75	86.8	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	9/21/2024 12:43	36.9	34.0	3.2	25.9	-0.18	-0.18	-44.79	63.8	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	9/3/2024 9:57	37.5	29.0	0.3	33.2	-0.16	-0.17	-40.38	86.4	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	9/21/2024 12:45	30.4	27.9	3.1	38.6	-0.21	-0.21	-45.27	67.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	9/3/2024 9:50	26.5	24.4	4.7	44.4	-0.20	-0.21	-37.73	96.4	4.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	9/21/2024 12:46	30.6	26.8	3.4	39.2	-0.25	-0.24	-44.87	90.9	4.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	9/3/2024 9:36	48.4	34.8	0.3	16.5	-0.25	-0.24	-27.59	83.9	5.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	9/21/2024 13:01	43.6	36.7	0.9	18.8	-0.34	-0.34	-26.78	83.5	4.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	9/3/2024 9:32	24.2	25.5	1.2	49.1	-0.24	-0.24	-34.52	87.3	2.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	9/21/2024 13:03	42.1	35.0	0.9	22.0	-0.34	-0.35	-35.10	87.8	3.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	9/3/2024 9:29	18.4	19.6	3.9	58.1	-0.17	-0.17	-40.85	85.9	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	9/20/2024 11:30	7.8	13.2	6.9	72.1	-0.09	-0.09	-28.22	62.5	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	9/9/2024 13:07	23.7	27.7	1.4	47.2	-0.06	-0.06	-23.58	71.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	9/21/2024 10:29	35.3	30.8	12.1	21.8	-0.22	-0.22	-46.10	60.4	0.2	Valve Adjustment:No Change,Valve at minimum position

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMTLTS11	9/9/2024 14:56	2.6	11.4	4.0	82.0	-0.07	-0.06	-33.81	76.9	0.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	9/21/2024 10:40	28.9	26.3	13.1	31.7	-0.21	-0.21	-45.96	64.6	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	9/9/2024 14:54	32.1	27.4	12.9	27.6	-0.05	-0.05	-33.01	70.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	9/24/2024 11:33	29.2	26.9	7.4	36.5	-0.17	-0.17	-48.19	89.2	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	9/9/2024 15:12	17.3	18.6	8.9	55.2	-0.08	-0.07	-37.42	73.3	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	9/21/2024 11:00	6.3	6.2	13.5	74.0	-0.29	-0.29	-46.04	84.2	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	9/9/2024 15:18	8.4	11.2	12.5	67.9	-0.07	-0.08	-32.03	75.2	1.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	9/21/2024 11:05	7.5	7.0	13.1	72.4	-0.22	-0.22	-38.48	65.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	9/9/2024 15:23	44.6	21.7	0.7	33.0	-0.11	-0.11	-39.37	79.7	2.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	9/21/2024 11:10	44.4	19.3	1.2	35.1	-0.24	-0.24	-45.40	72.5	2.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	9/13/2024 14:47	45.4	28.6	4.0	22.0	-0.14	-0.13	-45.81	75.9	4.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	9/13/2024 14:48	49.3	29.2	3.9	17.6	-0.13	-0.13	-45.38	76.1	4.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	9/21/2024 11:14	45.0	29.9	5.5	19.6	-0.16	-0.15	-44.68	67.6	3.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS19	9/13/2024 10:21	32.5	28.0	8.6	30.9	-0.17	-0.17	-44.79	73.8	1.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS19	9/21/2024 11:16	43.1	29.5	5.4	22.0	-0.12	-0.12	-45.02	72.1	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	9/13/2024 10:19	34.9	31.3	5.0	28.8	-0.16	-0.16	-44.96	77.2	13.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS20	9/13/2024 10:24	25.3	24.0	11.3	39.4	-0.34	-0.19	-45.62	69.8	37.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	9/21/2024 11:19	49.6	33.8	1.0	15.6	-0.13	-0.13	-44.47	73.2	12.2	Valve Adjustment:No Change,Valve at minimum position
OXE2022R	9/13/2024 11:00	49.8	34.2	1.5	14.5	-43.64	-43.51	-39.21	97.0	2.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXE2022R	9/24/2024 14:51	49.4	37.2	1.2	12.2	-41.63	-41.73	-46.18	95.9	3.0	Valve Adjustment:No Change,Valve 25% open
OXEW133B	9/12/2024 13:01	41.5	34.5	2.3	21.7	-11.74	-10.87	-47.31	83.4	46.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW133B	9/21/2024 12:24	50.4	34.2	2.1	13.3	-6.09	-5.75	-45.17	78.2	32.9	Valve Adjustment:No Change
OXEW134A	9/12/2024 12:59	29.5	34.3	0.5	35.7	-6.60	-5.60	-44.29	93.9	17.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	9/21/2024 12:22	53.3	35.3	1.3	10.1	-4.42	-7.78	-44.61	79.1	39.0	Valve Adjustment:No Change
OXEW134B	9/12/2024 12:54	32.3	33.5	0.1	34.1	-0.27	-0.27	-43.99	107.8	6.7	Valve Adjustment:No Change
OXEW134B	9/21/2024 12:20	53.6	36.3	0.5	9.6	-0.03	-0.03	-44.80	69.6	2.6	Valve Adjustment:No Change
OXEW137B	9/3/2024 9:45	53.4	42.9	1.1	2.6	-37.34	-37.36	-39.85	82.9	72.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW137B	9/21/2024 12:56	56.0	42.9	0.3	0.8	-0.95	-2.01	-43.21	77.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	9/11/2024 15:09	58.8	38.6	0.0	2.6	-25.18	-25.03	-40.82	101.0	87.0	Valve Adjustment:No Change,Valve 100% open
OXEW1601	9/19/2024 9:15	3.1	13.5	19.2	64.2	-48.59	-42.34	-48.27	60.5	3.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1601	9/19/2024 9:48	0.0	0.2	21.5	78.3	-8.96	-8.95	-48.67	61.4	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1601	9/24/2024 14:08	0.0	0.0	21.4	78.6	-1.43	-0.45	-51.15	95.7	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1601	9/24/2024 14:09	0.0	0.0	21.4	78.6	-0.26	-0.26	-50.85	91.5	0.1	Valve Adjustment:NSPS/CAI,No Change,Valve at minimum position
OXEW1601	9/30/2024 10:58	0.4	1.0	21.2	77.4	-0.92	-4.90	-42.03	89.8	9.1	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXEW1601	9/30/2024 10:58	0.4	1.1	20.9	77.6	-19.70	-4.71	-41.76	90.2	0.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1602	9/11/2024 15:21	52.7	36.9	0.0	10.4	-40.59	-40.59	-41.51	107.0	24.8	Valve Adjustment:No Change,Valve 100% open
OXEW1602	9/19/2024 9:35	54.8	39.2	0.0	6.0	-47.17	-47.13	-48.08	103.7	25.4	Valve Adjustment:No Change,Valve 100% open
OXEW1603	9/13/2024 13:30	55.7	37.5	0.1	6.7	-33.15	-33.64	-33.25	98.2	6.1	Valve Adjustment:No Change,Valve 100% open
OXEW1603	9/24/2024 15:54	57.7	39.2	0.1	3.0	-40.68	-42.96	-42.11	101.8	17.1	Valve Adjustment:No Change,Valve 100% open
OXEW1604	9/13/2024 13:27	48.4	35.5	0.6	15.5	-6.47	-5.74	-32.98	122.8	168.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1604	9/25/2024 9:34	51.4	38.5	1.2	8.9	-4.76	-4.94	-42.38	119.8	145.8	Valve Adjustment:No Change
OXEW1613	9/13/2024 13:23	52.1	38.0	0.9	9.0	-34.61	-34.42	-37.21	121.0	44.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	9/24/2024 16:00	58.2	40.3	0.2	1.3	-44.10	-44.30	-48.62	118.6	49.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	9/13/2024 13:42	53.8	34.9	0.2	11.1	-0.64	-0.91	-39.17	115.3	10.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	9/24/2024 15:32	46.9	37.4	0.1	15.6	-2.08	-2.07	-49.10	115.0	14.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	9/10/2024 11:34	46.8	38.6	1.0	13.6	-39.23	-38.56	-41.53	114.6	20.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	9/24/2024 15:11	47.1	37.0	1.0	14.9	-41.61	-41.27	-45.17	116.2	31.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1617	9/10/2024 14:57	51.1	36.5	0.0	12.4	-4.81	-4.81	-42.66	130.3	19.5	Valve Adjustment:No Change,Valve 20% open
OXEW1617	9/24/2024 12:13	51.6	38.9	0.0	9.5	-4.80	-4.75	-46.90	130.3	21.1	Valve Adjustment:No Change,Valve 20% open
<b>OXEW1618</b>	9/13/2024 13:15	45.9	36.6	0.3	17.2	-3.13	-2.70	-37.25	130.0	22.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
<b>OXEW1618</b>	9/24/2024 15:37	47.9	38.6	0.0	13.5	-3.07	-3.11	-48.53	129.3	24.2	Valve Adjustment:No Change,Valve 30% open
OXEW1619	9/3/2024 10:28	55.8	42.5	0.2	1.5	-39.96	-39.84	-39.73	113.2	10.8	Valve Adjustment:No Change,Valve 100% open
OXEW1619	9/21/2024 11:52	56.8	41.8	0.1	1.3	-43.97	-43.97	-44.96	118.9	20.3	Valve Adjustment:No Change,Valve 100% open
OXEW1620	9/3/2024 10:33	40.2	34.9	0.7	24.2	-29.81	-29.75	-39.80	110.4	13.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1620	9/21/2024 11:45	39.8	35.8	0.5	23.9	-33.26	-32.03	-44.96	108.8	12.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1621	9/13/2024 9:35	34.6	35.1	0.1	30.2	-1.92	-1.67	-42.02	113.8	17.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	9/24/2024 9:50	45.0	36.8	0.2	18.0	-1.18	-1.18	-39.38	112.6	26.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	9/3/2024 10:20	47.9	35.2	2.7	14.2	-37.29	-37.29	-39.51	85.0	37.3	Valve Adjustment:No Change
OXEW1622	9/21/2024 11:56	56.3	42.0	0.8	0.9	-42.27	-42.28	-44.15	113.1	0.0	Valve Adjustment:No Change
OXEW1701	9/10/2024 14:31	58.4	34.3	0.2	7.1	-38.71	-38.52	-39.21	119.2	15.0	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1701	9/24/2024 11:46	56.9	37.6	0.0	5.5	-41.56	-41.49	-41.72	119.9	14.8	Valve Adjustment:No Change,Valve 100% open
OXEW1702	9/10/2024 12:23	54.1	38.9	0.0	7.0	-34.84	-34.83	-37.61	124.2	38.4	Valve Adjustment:No Change,Valve 100% open
OXEW1702	9/24/2024 14:38	58.2	20.6	0.6	20.6	-37.20	-36.91	-40.43	124.6	38.4	Valve Adjustment:No Change,Valve 100% open
OXEW1703	9/10/2024 12:09	52.4	38.5	0.1	9.0	-35.51	-35.80	-35.35	78.4	1.1	Valve Adjustment:No Change,Valve 100% open
OXEW1703	9/24/2024 14:47	53.9	37.5	0.1	8.5	-38.26	-37.99	-38.71	84.1	1.0	Valve Adjustment:No Change,Valve 100% open
OXEW1705	9/10/2024 11:17	53.7	40.7	0.1	5.5	-38.45	-38.41	-38.57	113.7	5.0	Valve Adjustment:No Change,Valve 100% open
OXEW1705	9/23/2024 16:36	57.4	38.8	0.1	3.7	-27.84	-27.72	-28.10	117.1	4.4	Valve Adjustment:No Change,Valve 100% open
OXEW1716	9/5/2024 11:50	57.9	40.9	0.1	1.1	-46.77	-46.84	-50.53	97.3	24.5	Valve Adjustment:No Change,Valve 100% open
OXEW1716	9/17/2024 10:44	56.0	41.4	0.0	2.6	-43.21	-43.19	-46.57	91.2	4.7	Valve Adjustment:No Change,Valve 100% open
OXEW1717	9/4/2024 15:08	56.6	38.0	0.1	5.3	-49.40	-49.77	-50.41	96.7	6.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1717	9/17/2024 10:25	53.7	38.5	0.1	7.7	-48.90	-49.16	-50.00	94.5	7.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXEW1801	9/13/2024 13:51	35.5	33.7	0.2	30.6	-40.63	-33.97	-42.93	122.1	15.2	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 20% open
OXEW1801	9/24/2024 15:24	45.7	36.9	0.1	17.3	-22.49	-22.38	-49.02	122.2	10.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1804	9/13/2024 13:09	55.4	39.3	0.1	5.2	-36.61	-36.72	-38.29	120.7	11.8	Valve Adjustment:No Change,Valve 100% open
OXEW1804	9/24/2024 15:40	57.5	41.9	0.0	0.6	-47.22	-47.19	-49.13	120.9	16.2	Valve Adjustment:No Change,Valve 100% open
OXEW1805	9/13/2024 13:06	55.5	38.3	0.0	6.2	-35.90	-35.92	-37.95	115.2	16.7	Valve Adjustment:No Change,Valve 100% open
OXEW1805	9/24/2024 15:44	54.1	40.3	0.0	5.6	-46.98	-47.02	-49.04	109.3	17.5	Valve Adjustment:No Change,Valve 100% open
OXEW1806	9/10/2024 15:04	56.9	38.9	0.1	4.1	-0.01	-0.07	-43.16	119.2	10.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1806	9/23/2024 13:15	53.1	34.6	0.1	12.2	-0.05	-0.06	-37.91	121.3	14.5	Valve Adjustment:No Change,Valve 20% open
OXEW1807	9/10/2024 11:50	50.4	41.5	0.0	8.1	-35.18	-34.16	-43.57	130.4	35.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXEW1807	9/24/2024 15:00	52.2	37.5	0.1	10.2	-35.86	-35.67	-47.68	130.3	36.6	Valve Adjustment:No Change,Valve 45% open
OXEW1810	9/5/2024 12:36	40.3	32.9	0.3	26.5	-35.78	-29.43	-50.95	80.8	4.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1810	9/18/2024 14:24	51.9	33.3	0.0	14.8	-13.05	-13.15	-51.90	69.9	0.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1811	9/12/2024 10:01	43.6	32.8	4.2	19.4	-32.13	-24.82	-40.25	72.1	18.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1811	9/22/2024 11:27	47.8	35.2	3.0	14.0	-11.21	-10.18	-39.49	77.3	14.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1813	9/10/2024 11:39	56.6	38.9	0.0	4.5	-39.03	-39.03	-40.17	106.0	9.2	Valve Adjustment:No Change,Valve 100% open
OXEW1813	9/24/2024 15:07	57.2	39.7	0.1	3.0	-44.99	-44.99	-47.10	110.3	10.1	Valve Adjustment:No Change,Valve 100% open
OXEW1815	9/10/2024 15:23	51.3	36.1	0.1	12.5	-5.37	-5.37	-44.39	121.9	11.6	Valve Adjustment:No Change,Valve 20% open
OXEW1815	9/24/2024 10:43	49.3	38.2	0.0	12.5	-6.58	-6.72	-48.45	122.4	12.5	Valve Adjustment:No Change,Valve 20% open
OXEW1816	9/10/2024 12:26	51.8	39.4	0.0	8.8	-23.51	-23.40	-38.12	121.0	92.8	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1816	9/24/2024 16:20	46.4	33.8	0.3	19.5	-25.62	-25.24	-41.32	120.5	96.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW1817	9/6/2024 9:36	57.2	38.2	0.0	4.6	-40.54	-40.30	-40.69	121.7	10.5	Valve Adjustment:No Change,Valve 100% open
OXEW1817	9/18/2024 12:40	53.0	35.2	0.0	11.8	-41.76	-42.20	-41.65	122.4	8.9	Valve Adjustment:No Change,Valve 100% open
OXEW1821	9/5/2024 13:33	16.8	17.1	0.0	66.1	-0.14	-0.13	-48.53	91.9	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1821	9/18/2024 15:24	14.9	19.7	0.3	65.1	-0.10	-0.10	-51.80	66.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	9/5/2024 13:20	12.3	20.0	0.0	67.7	-0.06	-0.05	-48.87	93.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	9/18/2024 15:22	24.0	28.1	0.1	47.8	-0.27	-0.26	-52.12	68.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	9/5/2024 13:17	12.9	21.1	0.4	65.6	-0.07	-0.06	-49.08	98.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	9/18/2024 15:13	18.0	24.5	0.1	57.4	-0.04	-0.03	-51.89	72.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1824	9/5/2024 12:43	62.7	35.6	0.0	1.7	-50.17	-50.22	-50.39	95.3	2.5	Valve Adjustment:No Change,Valve 100% open
OXEW1824	9/18/2024 14:27	62.0	34.4	0.0	3.6	-51.73	-51.83	-51.87	67.3	1.5	Valve Adjustment:No Change,Valve 100% open
OXEW1825	9/5/2024 12:31	47.2	35.5	1.0	16.3	-3.85	-2.16	-50.32	93.5	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1825	9/18/2024 14:17	56.8	35.7	0.2	7.3	-0.43	-2.18	-51.75	67.3	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1826	9/12/2024 9:49	47.9	36.3	0.1	15.7	-9.01	-9.09	-41.85	90.9	3.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	9/22/2024 11:10	51.2	33.3	0.1	15.4	-7.15	-7.15	-40.45	90.9	3.7	Valve Adjustment:No Change,Valve at minimum position
OXEW1901	9/13/2024 10:34	2.8	2.2	19.0	76.0	-43.90	-41.13	-45.92	96.5	30.9	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	9/13/2024 10:46	4.2	2.5	17.9	75.4	-35.83	-0.06	-45.64	96.8	17.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	9/18/2024 15:57	46.6	17.7	0.2	35.5	-3.03	-3.16	-48.87	82.4	17.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	9/21/2024 11:36	56.9	36.4	0.4	6.3	-42.75	-45.24	-45.56	68.4	1.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1902	9/10/2024 12:20	44.3	36.3	0.4	19.0	-4.82	-4.14	-39.75	84.8	15.1	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 10% open
OXEW1902	9/24/2024 14:41	49.5	32.3	0.7	17.5	-3.72	-3.72	-42.29	88.5	12.2	Valve Adjustment:No Change,Valve 5% open
OXEW1904	9/10/2024 12:02	48.8	39.7	0.2	11.3	-27.61	-27.44	-38.46	111.8	58.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXEW1904	9/24/2024 14:54	49.1	35.8	0.3	14.8	-28.52	-28.84	-41.24	122.9	62.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXEW1908	9/10/2024 10:37	53.1	39.0	0.0	7.9	-37.89	-37.89	-40.16	106.6	63.1	Valve Adjustment:No Change,Valve 100% open
OXEW1908	9/23/2024 15:09	53.5	37.7	0.0	8.8	-29.09	-29.09	-30.97	108.3	55.5	Valve Adjustment:Valve 100% open
OXEW1909	9/12/2024 10:20	58.2	38.2	0.1	3.5	-31.33	-34.90	-31.84	103.6	20.3	Valve Adjustment:No Change,Valve 100% open
OXEW1909	9/25/2024 9:10	50.1	38.7	4.4	6.8	-35.37	-35.59	-36.65	102.3	48.9	Valve Adjustment:No Change
OXEW1910	9/13/2024 12:54	52.4	34.6	0.4	12.6	-0.64	-0.68	-32.15	121.6	16.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1910	9/25/2024 8:48	55.2	34.8	0.1	9.9	-0.63	-1.08	-41.76	118.7	17.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1912	9/11/2024 15:04	50.8	37.1	0.2	11.9	-4.76	-4.99	-41.05	93.1	2.0	Valve Adjustment:No Change,Valve 35% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW1912	9/19/2024 8:48	52.2	35.8	1.2	10.8	-10.44	-12.49	-49.52	85.6	3.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1915	9/4/2024 14:59	54.2	36.9	0.6	8.3	-3.45	-3.73	-50.75	79.3	9.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1915	9/17/2024 9:21	49.0	39.6	0.3	11.1	-4.06	-3.46	-50.86	69.2	9.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1916	9/6/2024 12:25	49.7	34.2	2.8	13.3	-50.16	-50.08	-50.11	89.3	1.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 65% open
OXEW1916	9/18/2024 11:08	52.3	36.7	1.6	9.4	-52.53	-52.26	-52.37	60.5	0.7	Valve Adjustment:No Change,Valve 65% open
OXEW1917	9/6/2024 12:35	48.2	37.1	0.1	14.6	-50.09	-49.97	-50.02	84.9	4.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW1917	9/18/2024 11:17	46.2	39.2	0.0	14.6	-53.40	-48.83	-53.46	76.8	7.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXEW1919	9/5/2024 13:23	24.7	26.5	0.0	48.8	-14.82	-14.88	-49.29	82.5	8.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	9/5/2024 13:29	24.4	26.7	0.1	48.8	-15.90	-9.13	-49.28	82.2	8.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	9/18/2024 15:18	28.6	27.4	0.0	44.0	-5.80	-3.80	-51.81	69.7	3.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	9/5/2024 13:38	12.5	17.3	4.2	66.0	-0.75	-0.09	-48.09	92.8	1.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	9/18/2024 15:28	14.1	18.9	2.7	64.3	-0.11	-0.09	-51.85	65.3	2.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	9/5/2024 13:46	53.4	37.9	0.3	8.4	-46.23	-46.30	-48.20	109.1	28.7	Valve Adjustment:No Change,Valve 100% open
OXEW1921	9/18/2024 14:44	51.9	33.7	0.1	14.3	-50.69	-50.70	-51.75	104.9	22.8	Valve Adjustment:No Change,Valve 100% open
OXEW2001	9/6/2024 14:38	27.5	29.0	2.6	40.9	-4.26	-2.70	-49.00	128.3	15.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2001	9/18/2024 10:39	31.2	31.8	2.0	35.0	-1.87	-1.16	-54.62	125.8	12.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2002	9/4/2024 15:32	48.6	36.6	0.1	14.7	-40.01	-39.18	-51.02	122.8	83.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2002	9/17/2024 8:55	48.1	39.5	0.1	12.3	-34.33	-29.84	-49.99	121.5	73.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2003	9/5/2024 11:23	54.7	37.5	0.1	7.7	-53.45	-53.30	-53.25	94.4	4.6	Valve Adjustment:No Change,Valve 100% open
OXEW2003	9/17/2024 10:29	54.5	39.1	0.0	6.4	-50.57	-50.43	-50.38	87.3	6.2	Valve Adjustment:No Change,Valve 100% open
OXEW2004	9/5/2024 12:04	50.7	38.7	0.1	10.5	-48.37	-48.37	-53.91	123.3	50.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW2004	9/17/2024 10:19	47.4	38.0	0.0	14.6	-44.75	-43.63	-49.91	122.8	48.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXEW2005	9/5/2024 12:17	50.1	39.2	1.0	9.7	-6.19	-6.05	-50.97	120.3	2.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2005	9/17/2024 10:53	46.7	38.7	1.9	12.7	-5.41	-5.15	-47.70	116.4	16.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2007	9/5/2024 13:12	58.6	37.9	0.1	3.4	-49.05	-48.89	-49.62	103.7	18.4	Valve Adjustment:No Change,Valve 100% open
OXEW2007	9/18/2024 15:03	59.7	36.2	0.0	4.1	-51.75	-51.74	-51.84	102.8	17.6	Valve Adjustment:No Change,Valve 100% open
OXEW2007	9/18/2024 15:09	58.4	37.0	0.0	4.6	-51.74	-51.75	-51.81	102.7	15.3	Valve Adjustment:No Change,Valve 100% open
OXEW2008	9/5/2024 13:02	54.5	27.6	0.0	17.9	-49.40	-49.40	-49.71	91.5	9.8	Valve Adjustment:No Change,Valve 100% open
OXEW2008	9/18/2024 14:52	54.0	31.3	0.0	14.7	-51.74	-51.69	-51.83	71.5	8.5	Valve Adjustment:No Change,Valve 100% open
OXEW2009	9/13/2024 11:43	55.5	38.2	0.1	6.2	-46.13	-46.11	-45.96	101.0	18.1	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2009	9/22/2024 10:26	55.3	38.3	0.9	5.5	-40.15	-39.96	-40.20	100.2	14.9	Valve Adjustment:No Change,Valve 100% open
OXEW2010	9/13/2024 11:35	46.2	36.0	3.3	14.5	-34.42	-34.39	-45.68	83.1	4.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2010	9/22/2024 10:17	36.0	33.8	1.3	28.9	-29.64	-25.51	-40.08	81.9	2.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2011	9/6/2024 14:03	52.7	37.2	0.1	10.0	-21.25	-21.32	-46.74	111.1	13.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2011	9/18/2024 11:00	49.1	41.2	0.0	9.7	-24.04	-23.15	-52.28	109.3	14.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2012	9/4/2024 15:24	52.0	38.4	0.1	9.5	-47.07	-46.77	-50.74	106.7	26.6	Valve Adjustment:No Change,Valve 100% open
OXEW2012	9/17/2024 8:40	49.3	38.0	0.0	12.7	-46.63	-46.34	-50.34	105.1	25.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXEW2016	9/10/2024 16:17	58.0	36.4	0.1	5.5	-30.78	-31.89	-39.51	130.3	18.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2016	9/16/2024 15:18	55.2	44.8	0.0	0.0	-33.01	-36.76	-40.53	130.1	18.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2017	9/6/2024 10:02	56.3	38.1	0.1	5.5	-7.15	-11.21	-43.96	128.5	28.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2017	9/24/2024 15:52	52.0	37.7	0.3	10.0	-14.25	-14.77	-51.27	128.0	42.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2020	9/10/2024 15:14	52.8	37.3	0.1	9.8	-30.78	-30.79	-44.61	130.3	29.6	Valve Adjustment:No Change,Valve 40% open
OXEW2020	9/24/2024 10:38	50.2	39.7	0.1	10.0	-28.96	-28.72	-48.27	130.4	28.4	Valve Adjustment:No Change,Valve 40% open
OXEW2021	9/10/2024 15:30	56.6	36.1	0.3	7.0	-3.88	-4.26	-42.49	85.7	0.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2021	9/22/2024 10:53	58.2	38.2	0.0	3.6	-10.87	-11.21	-39.85	82.7	4.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2022	9/10/2024 14:37	58.0	34.9	0.2	6.9	-42.90	-42.88	-43.79	121.9	25.9	Valve Adjustment:No Change,Valve 100% open
OXEW2022	9/24/2024 11:53	54.1	38.9	0.3	6.7	-46.11	-46.09	-47.34	122.5	27.4	Valve Adjustment:No Change,Valve 100% open
OXEW2023	9/10/2024 10:59	58.1	41.0	0.0	0.9	-37.80	-37.91	-38.83	126.2	41.2	Valve Adjustment:No Change,Valve 100% open
OXEW2023	9/23/2024 16:26	58.3	37.9	0.2	3.6	-25.86	-26.05	-26.31	126.5	34.3	Valve Adjustment:No Change,Valve 100% open
OXEW2024	9/5/2024 9:45	55.8	37.3	0.0	6.9	-42.19	-42.33	-42.08	126.9	5.1	Valve Adjustment:No Change,Valve 100% open
OXEW2024	9/23/2024 14:53	52.2	34.9	0.4	12.5	-32.01	-31.88	-32.31	127.2	25.0	Valve Adjustment:No Change,Valve 100% open
OXEW2026	9/10/2024 9:58	60.0	38.6	0.3	1.1	-41.32	-41.32	-41.39	62.8	5.9	Valve Adjustment:No Change,Valve 100% open
OXEW2026	9/23/2024 14:13	57.7	38.4	0.4	3.5	-36.68	-36.93	-36.71	91.2	2.4	Valve Adjustment:No Change,Valve 100% open
OXEW2029	9/10/2024 14:45	50.9	37.0	0.0	12.1	-6.77	-6.74	-45.93	125.0	19.8	Valve Adjustment:No Change,Valve 25% open
OXEW2029	9/24/2024 11:58	51.5	37.1	0.0	11.4	-3.97	-3.98	-44.13	126.0	13.7	Valve Adjustment:No Change,Valve 25% open
OXEW2030	9/10/2024 11:23	56.3	40.1	0.0	3.6	-39.58	-39.58	-40.66	123.0	14.3	Valve Adjustment:No Change,Valve 100% open
OXEW2030	9/23/2024 16:39	56.7	39.7	0.2	3.4	-30.11	-30.15	-30.99	123.3	13.8	Valve Adjustment:No Change,Valve 100% open
OXEW2031	9/13/2024 13:19	54.7	37.2	0.0	8.1	-36.26	-36.07	-37.12	126.2	38.7	Valve Adjustment:No Change,Valve 100% open
OXEW2031	9/24/2024 16:04	52.1	38.7	0.2	9.0	-46.85	-46.68	-48.62	126.0	45.5	Valve Adjustment:No Change,Valve 100% open
OXEW2101	9/13/2024 9:23	47.9	38.2	0.0	13.9	-1.42	-1.39	-45.72	124.5	20.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2101	9/24/2024 10:15	49.5	39.3	0.0	11.2	-1.36	-1.36	-47.21	124.8	21.1	Valve Adjustment:No Change,Valve 20% open
OXEW2102	9/5/2024 9:51	57.3	39.5	0.0	3.2	-43.64	-43.64	-43.64	98.1	15.9	Valve Adjustment:No Change,Valve 100% open
OXEW2102	9/23/2024 15:01	58.5	38.6	0.1	2.8	-34.93	-34.90	-35.55	117.2	17.5	Valve Adjustment:No Change,Valve 100% open
OXEW2103	9/10/2024 10:25	43.3	34.2	3.8	18.7	-19.66	-12.85	-39.34	111.0	46.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2103	9/23/2024 14:56	48.2	35.1	2.7	14.0	-12.52	-12.52	-34.98	113.3	33.8	Valve Adjustment:No Change
OXEW2104	9/10/2024 10:15	58.6	38.9	0.0	2.5	-36.80	-36.78	-41.90	117.0	57.3	Valve Adjustment:No Change,Valve 100% open
OXEW2104	9/23/2024 14:44	57.1	30.6	0.2	12.1	-32.65	-32.66	-36.61	118.2	52.5	Valve Adjustment:No Change,Valve 100% open
OXEW2105	9/13/2024 12:58	57.3	37.1	0.0	5.6	-36.43	-36.58	-36.37	107.3	0.7	Valve Adjustment:No Change,Valve 100% open
OXEW2105	9/25/2024 8:41	56.9	32.5	0.2	10.4	-42.85	-42.62	-42.81	104.2	2.2	Valve Adjustment:No Change,Valve 100% open
OXEW2106	9/11/2024 15:06	55.2	36.1	0.1	8.6	-41.18	-41.18	-41.19	94.6	8.8	Valve Adjustment:No Change,Valve 100% open
OXEW2106	9/19/2024 8:52	56.9	36.9	0.1	6.1	-47.80	-47.96	-48.15	84.9	9.6	Valve Adjustment:No Change,Valve 100% open
OXEW2107	9/13/2024 12:39	54.5	36.3	0.2	9.0	-30.63	-30.93	-30.55	110.1	9.5	Valve Adjustment:No Change,Valve 100% open
OXEW2107	9/18/2024 10:30	54.9	37.3	0.3	7.5	-42.41	-42.33	-42.23	111.3	9.3	Valve Adjustment:No Change,Valve 100% open
OXEW2108	9/5/2024 10:40	50.7	38.1	0.0	11.2	-21.65	-21.65	-52.64	126.9	27.8	Valve Adjustment:No Change,Valve 30% open
OXEW2108	9/17/2024 8:47	50.8	39.0	0.0	10.2	-19.11	-19.28	-51.21	125.1	27.8	Valve Adjustment:No Change,Valve 35% open
OXEW2109	9/6/2024 14:18	55.7	40.8	0.0	3.5	8.46	-0.07	-51.22	95.7	1.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	9/6/2024 14:20	56.6	41.0	0.0	2.4	-0.68	-1.34	-51.02	95.3	2.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	9/18/2024 10:52	43.1	37.3	0.0	19.6	-11.64	-11.29	-54.47	74.3	1.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2110	9/10/2024 11:08	57.1	38.3	0.1	4.5	-35.87	-35.75	-38.46	98.9	13.4	Valve Adjustment:No Change,Valve 100% open
OXEW2110	9/23/2024 16:33	55.7	39.0	0.2	5.1	-27.06	-27.40	-27.42	99.4	19.2	Valve Adjustment:No Change,Valve 100% open
OXEW2111	9/11/2024 15:16	53.9	37.0	0.0	9.1	-38.22	-38.20	-41.81	107.2	29.8	Valve Adjustment:No Change,Valve 100% open
OXEW2111	9/19/2024 9:23	56.0	40.7	0.1	3.2	-43.57	-43.58	-48.67	104.1	35.7	Valve Adjustment:No Change,Valve 100% open
OXEW2112	9/5/2024 10:06	52.5	35.3	0.1	12.1	-50.04	-49.92	-50.45	109.7	34.8	Valve Adjustment:No Change,Valve 100% open
OXEW2112	9/17/2024 9:47	56.8	37.3	0.3	5.6	-19.56	-33.99	-47.72	117.8	25.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2112	9/17/2024 9:48	56.9	39.4	0.3	3.4	-35.62	-44.33	-47.51	119.2	54.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2113	9/11/2024 15:11	58.5	38.9	0.0	2.6	-40.93	-40.89	-41.04	102.7	19.5	Valve Adjustment:No Change,Valve 100% open
OXEW2113	9/19/2024 9:09	56.6	39.5	0.3	3.6	-47.50	-47.51	-48.12	96.4	21.7	Valve Adjustment:No Change,Valve 100% open
OXEW2207	9/10/2024 10:34	48.6	39.0	0.2	12.2	-36.87	-36.87	-39.70	122.2	82.0	Valve Adjustment:No Change,Valve 85% open
OXEW2207	9/23/2024 15:04	51.6	38.5	0.2	9.7	-32.81	-32.77	-35.12	124.3	75.6	Valve Adjustment:No Change
OXEW2208	9/11/2024 15:20	49.7	37.4	0.3	12.6	-17.59	-16.25	-46.06	108.8	63.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2208	9/19/2024 9:30	53.2	38.9	0.2	7.7	-17.04	-21.90	-51.46	106.2	69.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2209	9/10/2024 10:29	57.9	41.1	0.0	1.0	-37.23	-37.23	-38.78	98.3	26.1	Valve Adjustment:No Change,Valve 100% open
OXEW2209	9/23/2024 14:59	55.2	34.6	0.2	10.0	-32.07	-32.05	-32.84	102.6	20.8	Valve Adjustment:No Change,Valve 100% open
OXEW2210	9/10/2024 12:14	50.0	39.9	1.4	8.7	-38.27	-37.90	-39.26	108.4	19.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXEW2210	9/24/2024 14:44	51.7	35.8	0.6	11.9	-40.74	-40.93	-41.94	109.2	19.5	Valve Adjustment:No Change,Valve 95% open
OXEW2211	9/10/2024 10:51	58.6	38.5	0.0	2.9	-35.87	-35.96	-36.70	123.3	52.5	Valve Adjustment:No Change,Valve 100% open
OXEW2211	9/23/2024 16:20	55.4	34.1	0.2	10.3	-26.05	-25.95	-26.16	123.9	42.1	Valve Adjustment:No Change,Valve 100% open
OXEW2212	9/6/2024 9:32	45.1	37.0	0.0	17.9	-10.26	-10.20	-45.63	117.6	64.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2212	9/18/2024 12:45	44.9	34.1	0.0	21.0	-10.36	-7.81	-45.52	117.9	59.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2213	9/10/2024 10:05	59.5	37.8	0.0	2.7	-36.87	-36.85	-41.02	109.8	111.8	Valve Adjustment:No Change,Valve 100% open
OXEW2213	9/23/2024 14:09	55.3	36.9	0.0	7.8	-32.05	-32.09	-35.59	111.3	108.8	Valve Adjustment:No Change,Valve 100% open
OXEW2214	9/13/2024 9:18	43.4	36.1	0.0	20.5	-25.03	-21.49	-46.62	104.4	19.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2214	9/24/2024 11:01	44.5	36.0	0.0	19.5	-20.25	-16.23	-49.03	105.1	16.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2401	9/11/2024 10:20	57.0	40.9	0.0	2.1	3.47	3.47	-40.68	65.8	2.3	Valve Adjustment:No Change,Valve at minimum position
OXEW2401	9/11/2024 10:28	56.8	41.1	0.0	2.1	3.45	1.71	-39.88	65.6	3.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2401	9/11/2024 11:48	57.4	39.6	0.0	3.0	1.47	0.74	-38.01	91.9	16.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2401	9/11/2024 12:45	57.9	39.1	0.0	3.0	0.64	0.32	-38.52	94.2	21.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2401	9/11/2024 13:45	58.1	37.9	0.0	4.0	-0.19	-0.28	-37.34	95.2	10.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2401	9/11/2024 15:51	58.8	39.8	0.0	1.4	-0.49	-0.84	-36.62	95.4	27.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2401	9/12/2024 8:48	58.0	37.4	0.0	4.6	-1.28	-2.46	-37.51	96.6	37.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2401	9/12/2024 12:23	58.5	39.0	0.2	2.3	-3.61	-6.38	-25.68	98.0	49.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2401	9/12/2024 14:47	57.5	37.5	0.1	4.9	-8.08	-11.14	-38.23	98.0	72.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW2401	9/13/2024 8:42	53.3	39.4	0.1	7.2	-12.02	-12.54	-33.40	98.9	89.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXEW2401	9/13/2024 15:29	52.2	38.3	0.0	9.5	-12.29	-12.18	-32.01	99.2	91.2	Valve Adjustment:No Change,Valve 80% open
OXEW2401	9/13/2024 15:40	51.1	39.2	0.0	9.7	-18.92	-16.96	-29.66	100.4	126.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2401	9/16/2024 15:09	43.3	41.4	0.2	15.1	-17.57	-15.25	-32.32	101.6	113.7	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW2401	9/18/2024 8:51	46.3	36.8	0.1	16.8	-15.69	-13.18	-35.98	101.6	109.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2401	9/25/2024 10:57	50.0	36.5	0.1	13.4	-11.84	-11.84	-35.72	102.0	88.7	Valve Adjustment:No Change,Valve 35% open
OXEW2402	9/11/2024 10:49	57.1	40.8	0.0	2.1	11.65	11.70	-39.21	68.4	2.1	Valve Adjustment:No Change,Valve at minimum position
OXEW2402	9/11/2024 10:51	56.7	41.5	0.0	1.8	11.71	5.80	-39.09	68.5	2.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2402	9/11/2024 12:13	58.9	36.3	0.0	4.8	3.31	1.64	-37.95	84.7	9.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2402	9/11/2024 13:11	59.0	37.2	0.0	3.8	1.23	0.61	-37.35	86.4	13.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2402	9/11/2024 13:59	58.2	37.9	0.0	3.9	-0.22	-0.51	-36.36	88.0	13.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2402	9/11/2024 16:07	58.8	39.3	0.0	1.9	-4.35	-7.47	-36.15	88.3	17.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2402	9/12/2024 9:10	58.1	38.7	0.0	3.2	-10.80	-16.97	-36.17	89.3	23.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2402	9/12/2024 12:33	58.2	39.0	0.0	2.8	-18.30	-24.03	-33.04	90.0	31.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2402	9/12/2024 14:58	57.3	39.7	0.0	3.0	-26.34	-29.43	-34.85	89.8	36.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW2402	9/13/2024 8:52	57.1	41.2	0.0	1.7	-29.14	-29.73	-32.79	90.4	37.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2402	9/13/2024 15:24	56.5	38.6	0.0	4.9	-29.09	-29.09	-32.30	91.1	38.7	Valve Adjustment:No Change,Valve 100% open
OXEW2402	9/16/2024 14:56	56.2	43.8	0.0	0.0	-27.65	-27.65	-30.66	89.6	36.7	Valve Adjustment:No Change,Valve 100% open
OXEW2402	9/18/2024 12:11	57.7	38.4	0.1	3.8	-33.11	-33.12	-36.82	88.9	40.8	Valve Adjustment:No Change,Valve 100% open
OXEW2402	9/25/2024 11:06	53.9	40.3	0.0	5.8	-32.81	-32.83	-36.14	89.7	39.3	Valve Adjustment:No Change,Valve 100% open
OXEW2403	9/11/2024 11:11	54.8	40.1	0.7	4.4	0.02	0.02	-39.04	78.0	7.9	Valve Adjustment:No Change,Valve at minimum position
OXEW2403	9/11/2024 11:18	50.5	37.7	2.1	9.7	0.02	-0.02	-39.31	74.1	4.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2403	9/11/2024 12:21	57.1	37.0	0.6	5.3	-0.03	-0.12	-39.04	72.0	3.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2403	9/11/2024 13:20	58.5	37.8	0.0	3.7	-0.52	-1.05	-37.42	92.9	8.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn to 1 turn
OXEW2403	9/11/2024 14:14	58.2	38.0	0.0	3.8	-1.45	-1.90	-37.72	112.7	14.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2403	9/11/2024 16:20	58.8	40.0	0.0	1.2	-2.20	-2.88	-37.79	115.4	21.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2403	9/12/2024 9:23	57.6	39.8	0.0	2.6	-3.69	-5.13	-38.02	114.2	31.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2403	9/12/2024 10:30	57.8	37.5	0.0	4.7	-6.38	-8.08	-36.61	114.5	54.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2403	9/12/2024 14:22	56.9	37.5	0.1	5.5	-9.60	-10.95	-41.75	112.6	78.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2403	9/13/2024 9:04	44.3	38.0	0.1	17.6	-12.54	-9.81	-39.28	111.1	91.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2403	9/13/2024 15:08	44.0	35.7	0.0	20.3	-7.67	-6.13	-38.23	112.0	61.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2403	9/16/2024 14:44	44.3	39.2	0.0	16.5	-5.46	-4.95	-35.99	111.1	41.4	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW2403	9/18/2024 12:30	50.8	34.5	0.0	14.7	-4.16	-4.17	-43.63	111.1	35.0	Valve Adjustment:No Change,Valve 10% open
OXEW2403	9/25/2024 11:18	52.5	38.1	0.0	9.4	-4.22	-4.25	-42.66	110.1	33.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2404	9/11/2024 9:20	57.2	40.6	0.0	2.2	8.49	8.50	-37.57	66.3	3.2	Valve Adjustment:No Change,Valve at minimum position
OXEW2404	9/11/2024 9:55	57.1	40.7	0.0	2.2	8.41	4.31	-38.18	66.3	3.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2404	9/11/2024 11:39	56.0	39.3	0.0	4.7	4.03	2.01	-37.92	92.7	11.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2404	9/11/2024 12:32	58.3	38.0	0.0	3.7	1.43	0.70	-37.70	95.5	19.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2404	9/11/2024 13:36	58.6	37.2	0.0	4.2	-0.21	-0.41	-37.25	96.4	23.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2404	9/11/2024 16:13	58.8	40.2	0.0	1.0	-0.48	-0.82	-37.30	97.0	23.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2404	9/12/2024 9:16	57.7	38.6	0.0	3.7	-1.60	-4.95	-37.64	97.4	27.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2404	9/12/2024 10:39	57.1	39.5	0.0	3.4	-6.72	-10.77	-36.83	98.2	41.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2404	9/12/2024 14:26	57.3	37.8	0.1	4.8	-15.90	-18.97	-40.38	98.4	62.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2404	9/13/2024 8:57	56.7	40.3	0.0	3.0	-21.92	-23.08	-38.93	97.9	74.1	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 85% open
OXEW2404	9/13/2024 15:15	56.7	36.9	0.0	6.4	-23.35	-23.59	-36.73	98.0	75.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2404	9/13/2024 15:20	57.1	39.1	0.0	3.8	-30.82	-30.82	-35.98	98.9	96.2	Valve Adjustment:No Change,Valve 100% open
OXEW2404	9/16/2024 14:50	52.6	42.3	0.0	5.1	-28.04	-28.06	-32.12	98.2	82.9	Valve Adjustment:No Change,Valve 100% open
OXEW2404	9/18/2024 12:16	54.7	37.5	0.1	7.7	-34.38	-34.85	-39.40	98.0	92.1	Valve Adjustment:No Change,Valve 100% open
OXEW2404	9/18/2024 12:23	54.0	36.9	0.0	9.1	-36.70	-36.63	-39.82	98.3	100.6	Valve Adjustment:No Change,Valve 100% open
OXEW2404	9/25/2024 11:10	53.2	39.4	0.0	7.4	-35.87	-36.10	-39.17	98.3	99.0	Valve Adjustment:No Change,Valve 100% open
OXEW2405	9/11/2024 10:39	57.6	40.3	0.0	2.1	3.40	3.35	-39.24	65.8	2.5	Valve Adjustment:No Change,Valve at minimum position
OXEW2405	9/11/2024 10:42	57.2	40.5	0.0	2.3	3.32	1.68	-38.99	65.8	2.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2405	9/11/2024 12:07	60.8	38.2	0.1	0.9	1.04	0.54	-38.58	89.6	14.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2405	9/11/2024 13:03	58.7	37.6	0.0	3.7	-0.60	-1.20	-37.39	94.0	16.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2405	9/11/2024 13:54	58.5	37.7	0.0	3.8	-1.62	-3.01	-37.09	96.2	19.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2405	9/11/2024 15:59	58.7	39.8	0.0	1.5	-3.59	-4.19	-36.24	97.2	26.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2405	9/12/2024 9:00	57.7	39.0	0.0	3.3	-5.34	-6.92	-36.86	98.2	31.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2405	9/12/2024 12:27	57.8	37.8	0.0	4.4	-8.79	-12.01	-33.94	99.4	42.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2405	9/12/2024 14:53	57.2	38.5	0.0	4.3	-15.36	-18.62	-36.01	99.5	63.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2405	9/13/2024 8:47	55.7	40.3	0.0	4.0	-19.75	-20.28	-33.78	99.8	74.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXEW2405	9/13/2024 15:45	55.5	39.2	0.0	5.3	-18.93	-18.85	-31.29	100.0	73.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2405	9/13/2024 15:49	55.1	41.1	0.0	3.8	-26.60	-26.72	-28.67	100.8	102.0	Valve Adjustment:No Change,Valve 100% open
OXEW2405	9/16/2024 15:01	53.4	43.5	0.0	3.1	-28.93	-29.01	-31.85	100.3	99.3	Valve Adjustment:No Change,Valve 100% open
OXEW2405	9/18/2024 12:06	54.0	35.1	0.2	10.7	-33.68	-33.40	-37.09	100.5	111.1	Valve Adjustment:No Change,Valve 100% open
OXEW2405	9/25/2024 11:01	50.9	40.2	0.0	8.9	-32.97	-32.98	-36.56	100.5	109.1	Valve Adjustment:No Change,Valve 100% open
OXEW2406	9/11/2024 8:49	59.4	39.5	0.0	1.1	1.64	1.64	-43.00	64.3	1.6	Valve Adjustment:No Change,Valve at minimum position
OXEW2406	9/11/2024 8:59	58.8	39.2	0.0	2.0	1.65	0.83	-43.33	65.3	2.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2406	9/11/2024 11:26	56.4	38.0	0.0	5.6	0.83	0.42	-42.06	101.5	3.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXEW2406	9/11/2024 12:25	58.8	37.3	0.0	3.9	0.28	0.14	-41.81	111.9	8.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2406	9/11/2024 13:28	57.8	37.9	0.0	4.3	-0.40	-0.79	-41.63	114.5	15.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2406	9/11/2024 16:28	59.5	39.8	0.0	0.7	-1.40	-2.67	-41.38	121.0	20.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2406	9/12/2024 9:27	58.1	39.7	0.0	2.2	-3.50	-5.93	-41.32	121.8	30.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2406	9/12/2024 10:34	57.9	39.5	0.0	2.6	-7.40	-9.63	-40.38	122.5	50.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2406	9/12/2024 14:16	59.4	38.9	0.2	1.5	-12.29	-15.30	-46.05	121.5	71.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2406	9/13/2024 9:12	54.1	39.5	0.1	6.3	-16.94	-18.67	-44.23	119.3	88.1	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 85% open
OXEW2406	9/13/2024 14:56	54.9	35.8	0.1	9.2	-18.69	-19.14	-41.93	118.6	97.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2406	9/13/2024 15:01	54.4	37.3	0.1	8.2	-29.00	-29.09	-41.47	120.1	146.0	Valve Adjustment:No Change,Valve 100% open
OXEW2406	9/16/2024 14:37	40.2	37.7	0.2	21.9	-33.51	-27.24	-46.41	118.3	145.5	Valve Adjustment:Closed valve >1 turn
OXEW2406	9/18/2024 12:37	41.3	34.6	0.1	24.0	-26.01	-18.22	-48.10	118.8	121.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2406	9/19/2024 12:12	42.2	35.4	0.0	22.4	-5.55	-4.91	-17.80	118.9	37.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2406	9/25/2024 11:22	50.2	37.7	0.0	12.1	-8.46	-8.46	-47.34	119.0	53.7	Valve Adjustment:No Change,Valve 20% open
OXEWHC6A**	9/4/2024 14:46	2.9	12.0	3.5	81.6	-1.76	-1.55	-50.04	88.6	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	9/17/2024 9:14	7.1	20.9	0.2	71.8	-0.84	-0.83	-50.59	54.0	1.2	Valve Adjustment:No Change,Valve at minimum position
OXHC1922	9/11/2024 15:14	49.7	36.3	0.5	13.5	-22.75	-21.83	-42.46	105.9	41.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXHC1922	9/19/2024 9:19	48.4	35.6	0.8	15.2	-23.15	-19.78	-49.06	101.8	41.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXHC2000	9/11/2024 14:31	59.2	37.9	0.1	2.8	-39.27	-39.22	-42.14	88.2	12.5	Valve Adjustment:No Change,Valve 100% open
OXHC2000	9/23/2024 13:44	59.5	37.8	0.2	2.5	-34.84	-35.05	-36.87	82.3	6.8	Valve Adjustment:No Change,Valve 100% open
OXHC2001	9/11/2024 14:29	58.6	37.8	0.0	3.6	-37.67	-37.78	-41.53	82.8	49.2	Valve Adjustment:No Change,Valve 100% open
OXHC2001	9/23/2024 13:43	58.3	37.7	0.1	3.9	-33.91	-33.93	-38.14	82.2	45.7	Valve Adjustment:No Change,Valve 100% open
OXHC2014	9/5/2024 10:22	56.2	37.0	0.3	6.5	-27.00	-26.17	-49.38	100.1	119.1	Valve Adjustment:No Change,Valve 100% open
OXHC2014	9/17/2024 9:36	53.7	37.0	0.1	9.2	-25.16	-25.03	-46.96	98.0	116.3	Valve Adjustment:No Change,Valve 100% open
OXHC2015	9/6/2024 11:02	55.5	35.2	0.1	9.2	-34.21	-33.56	-57.78	85.3	121.1	Valve Adjustment:No Change,Valve 100% open
OXHC2015	9/17/2024 11:08	54.0	39.7	0.0	6.3	-30.92	-28.65	-55.68	69.0	125.7	Valve Adjustment:No Change,Valve 100% open
OXHC2101	9/5/2024 9:31	40.7	31.8	1.9	25.6	-0.01	-0.02	-43.62	97.6	3.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXHC2101	9/24/2024 11:17	44.1	35.6	0.3	20.0	-0.03	-0.04	-42.35	101.4	6.4	Valve Adjustment:No Change,Valve 5% open
OXLCR13B	9/6/2024 12:53	41.1	30.9	0.0	28.0	-2.02	-2.01	-53.88	104.0	1.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR13B	9/17/2024 11:13	42.9	34.5	0.1	22.5	-2.00	-1.99	-52.11	57.6	1.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
<b>OXLCR4A1</b>	9/13/2024 12:23	52.9	33.1	0.3	13.7	-24.71	-29.39	-50.57	77.6	58.8	Valve Adjustment:No Change,Valve 20% open

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXLCR4A1	9/17/2024 11:18	50.3	36.5	0.0	13.2	-31.12	-30.15	-52.56	58.7	45.9	Valve Adjustment:No Change,Valve 15% open
OXLCR4B1	9/13/2024 12:21	52.1	33.9	2.6	11.4	-1.34	-1.25	-49.87	84.6	1.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	9/17/2024 11:19	50.4	37.6	0.1	11.9	-1.56	-1.35	-52.20	55.6	0.5	Valve Adjustment:No Change,Valve at minimum position
OXLCRS07	9/6/2024 9:11	41.2	29.0	4.9	24.9	-0.07	-0.07	-49.04	80.3	3.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	9/24/2024 10:56	51.4	36.9	1.2	10.5	-0.03	-0.04	-48.57	87.4	3.1	Valve Adjustment:No Change,Valve at minimum position
OXLCRS10	9/5/2024 9:35	59.5	35.5	0.1	4.9	-44.44	-43.61	-44.56	93.3	21.4	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	9/23/2024 13:50	56.9	37.8	0.4	4.9	-33.57	-34.16	-34.10	90.3	43.2	Valve Adjustment:No Change,Valve 100% open
OXLCRS11	9/5/2024 9:38	49.2	36.1	0.9	13.8	-1.48	-1.48	-47.86	90.2	62.0	Valve Adjustment:No Change,Valve 40% open
OXLCRS11	9/23/2024 13:52	56.3	37.6	0.0	6.1	-0.67	-0.70	-37.41	92.5	56.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXLCRS12	9/11/2024 14:41	57.6	35.0	0.1	7.3	-7.44	-7.44	-38.25	81.0	148.9	Valve Adjustment:No Change,Valve 100% open
OXLCRS12	9/23/2024 13:57	56.6	38.8	0.0	4.6	-5.12	-5.07	-32.95	81.4	147.0	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	9/3/2024 9:41	52.7	41.7	0.0	5.6	-31.29	-29.80	-37.46	94.9	131.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	9/21/2024 12:49	55.2	38.0	0.1	6.7	-41.16	-41.61	-44.11	93.0	97.4	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	9/3/2024 9:42	54.0	44.3	0.0	1.7	-31.75	-30.61	-38.44	96.3	151.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	9/21/2024 12:51	55.8	42.6	0.0	1.6	-40.19	-40.82	-44.16	93.6	110.3	Valve Adjustment:No Change,Valve 100% open
OXLCRS7B	9/6/2024 9:08	41.1	26.9	4.9	27.1	-0.09	-0.09	-49.15	80.3	4.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS7B	9/24/2024 10:54	52.0	35.6	1.2	11.2	-0.05	-0.05	-48.68	87.1	0.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS8A	9/6/2024 11:05	57.3	38.7	0.0	4.0	-42.94	-41.65	-53.56	96.1	84.4	Valve Adjustment:No Change,Valve 100% open
OXLCRS8A	9/17/2024 11:10	56.1	40.1	0.1	3.7	-47.53	-49.13	-52.47	62.5	58.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS9A	9/5/2024 10:25	57.3	38.7	0.2	3.8	-50.84	-50.84	-50.73	93.4	4.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS9A	9/17/2024 9:37	56.1	38.4	0.3	5.2	-47.19	-47.02	-47.57	70.7	6.9	Valve Adjustment:No Change,Valve 100% open
OXLCRS9B	9/5/2024 10:27	57.0	39.2	0.0	3.8	-50.73	-50.73	-50.58	89.1	14.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS9B	9/17/2024 9:42	46.9	32.6	3.7	16.8	-45.71	-46.64	-47.81	71.5	27.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 65% open
OXME302D	9/10/2024 15:27	55.5	35.8	0.1	8.6	-42.52	-42.49	-44.32	117.5	32.0	Valve Adjustment:No Change,Valve 100% open
OXME302D	9/24/2024 10:47	56.3	38.3	0.0	5.4	-46.38	-46.43	-48.17	117.9	32.5	Valve Adjustment:No Change,Valve 100% open
OXME306D	9/10/2024 15:49	57.0	34.6	0.2	8.2	-0.53	-0.81	-44.45	120.0	6.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXME306D	9/10/2024 15:53	55.2	37.6	0.0	7.2	-0.88	-0.86	-45.36	121.0	9.0	Valve Adjustment:No Change
OXME306D	9/21/2024 11:27	51.1	35.8	0.0	13.1	-1.23	-1.22	-45.91	120.2	8.9	Valve Adjustment:No Change,Valve 15% open
OXME312D	9/10/2024 14:52	37.5	33.2	0.4	28.9	-2.01	-1.98	-42.92	84.6	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	9/24/2024 12:07	46.3	37.6	0.2	15.9	-1.94	-1.93	-46.70	88.5	89.6	Valve Adjustment:Closed valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXME316D	9/13/2024 14:25	58.2	38.6	0.0	3.2	-38.52	-38.27	-40.78	127.4	36.0	Valve Adjustment:No Change,Valve 100% open
OXME316D	9/22/2024 11:37	57.4	38.8	0.0	3.8	-36.90	-36.87	-38.99	127.1	37.4	Valve Adjustment:No Change,Valve 100% open
OXME317D	9/13/2024 14:20	55.3	38.1	0.8	5.8	-42.66	-42.37	-42.82	78.5	7.5	Valve Adjustment:No Change
OXME317D	9/22/2024 11:31	56.7	36.8	0.5	6.0	-39.96	-40.28	-40.19	70.5	0.0	Valve Adjustment:No Change
OXMEW113	9/12/2024 12:52	47.3	34.0	3.1	15.6	-16.16	-13.53	-43.19	84.7	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW113	9/21/2024 12:17	53.8	36.3	0.4	9.5	-16.91	-12.85	-44.70	75.1	50.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	9/3/2024 9:17	44.0	23.7	4.8	27.5	-41.68	-41.73	-41.35	72.4	4.5	N/A
OXMEW122	9/10/2024 9:14	50.7	30.8	3.9	14.6	-2.39	-34.36	-45.21	64.3	4.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW122	9/11/2024 8:17	60.0	34.6	0.8	4.6	-45.21	-45.31	-45.16	58.9	0.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW122	9/24/2024 9:07	58.9	34.8	1.1	5.2	-48.80	-48.58	-48.62	70.2	0.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXMEW122	9/25/2024 11:32	60.7	37.5	0.2	1.6	-48.37	-48.36	-48.37	67.4	0.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXMEW122	9/25/2024 11:33	61.6	37.1	0.2	1.1	-48.49	-48.48	-48.69	67.5	0.3	Valve Adjustment:No Change,Valve 100% open
OXMEW126	9/12/2024 13:19	55.5	38.5	0.1	5.9	-46.68	-46.68	-46.99	87.0	1.1	Valve Adjustment:No Change,Valve 100% open
OXMEW126	9/23/2024 12:58	53.7	36.0	0.2	10.1	-39.01	-38.90	-39.28	92.2	4.9	Valve Adjustment:No Change,Valve 100% open
OXMEW138	9/3/2024 9:39	48.2	36.9	0.0	14.9	-3.49	-3.48	-37.28	80.9	1.1	Valve Adjustment:No Change,Valve at minimum position
OXMEW138	9/21/2024 12:59	45.4	35.1	0.0	19.5	-2.85	-2.84	-42.76	79.0	2.5	Valve Adjustment:No Change,Valve at minimum position
OXMEW145	9/12/2024 13:50	57.5	36.0	0.2	6.3	-46.88	-47.02	-47.36	88.3	3.1	Valve Adjustment:No Change,Valve 100% open
OXMEW145	9/21/2024 12:39	53.4	37.5	0.2	8.9	-45.40	-45.16	-45.43	83.3	2.2	Valve Adjustment:No Change,Valve 100% open
OXMEW156	9/13/2024 12:31	53.9	34.8	1.0	10.3	-1.16	-1.16	-42.41	82.1	1.8	Valve Adjustment:No Change,Valve at minimum position
OXMEW156	9/25/2024 10:48	30.0	22.7	2.0	45.3	-1.02	-0.78	-51.89	65.1	2.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW158	9/12/2024 13:28	35.8	27.7	1.6	34.9	-0.73	-0.69	-45.52	87.6	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW158	9/19/2024 9:59	30.0	25.7	3.6	40.7	-0.93	-0.88	-48.64	59.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OXMEW159	9/12/2024 13:24	45.6	34.6	0.8	19.0	-37.91	-37.89	-46.99	73.3	4.6	Valve Adjustment:No Change,Valve at minimum position
OXMEW159	9/19/2024 10:05	43.3	37.7	0.9	18.1	-39.77	-30.58	-48.35	70.7	4.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW162	9/9/2024 14:59	53.2	30.2	2.5	14.1	-33.19	-33.18	-32.96	68.7	9.2	Valve Adjustment:No Change
OXMEW162	9/21/2024 10:35	60.9	34.1	0.7	4.3	-45.33	-45.33	-45.49	55.2	8.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	9/5/2024 12:54	38.2	28.5	0.1	33.2	-50.08	-48.37	-50.35	90.1	2.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW170	9/18/2024 14:37	36.1	22.8	2.7	38.4	-40.27	-33.07	-51.79	66.3	3.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW173	9/6/2024 12:16	43.9	35.5	0.3	20.3	-4.48	-4.29	-52.79	100.1	38.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	9/17/2024 10:14	41.2	33.8	0.2	24.8	-4.16	-3.73	-49.51	94.0	7.5	Valve Adjustment:Closed valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW174	9/4/2024 15:04	53.0	35.1	0.1	11.8	-5.69	-6.09	-50.76	82.5	5.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW174	9/17/2024 9:03	48.7	38.8	0.0	12.5	-6.10	-2.82	-50.21	67.7	6.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	9/4/2024 14:53	54.8	37.7	0.1	7.4	-4.91	-5.57	-50.89	83.3	4.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	9/17/2024 9:17	53.0	39.6	0.0	7.4	-5.49	-6.07	-50.51	73.9	3.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW181	9/11/2024 15:24	54.0	38.9	0.3	6.8	-37.63	-37.59	-40.61	108.8	46.3	Valve Adjustment:No Change,Valve 100% open
OXMEW181	9/19/2024 9:39	51.3	40.3	0.4	8.0	-40.30	-40.00	-46.52	107.7	57.5	Valve Adjustment:No Change,Valve 100% open
OXMEW182	9/13/2024 14:15	52.1	37.5	0.0	10.4	-40.63	-40.61	-44.17	118.8	39.0	Valve Adjustment:No Change,Valve 100% open
OXMEW182	9/24/2024 12:31	53.3	35.1	0.0	11.6	-44.48	-44.61	-48.30	118.9	49.2	Valve Adjustment:No Change,Valve 100% open
OXMEW183	9/13/2024 9:55	55.9	39.8	0.1	4.2	-3.29	-4.00	-44.00	115.1	28.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW183	9/25/2024 9:51	53.5	38.4	0.1	8.0	-4.78	-5.62	-45.19	114.8	33.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW184	9/13/2024 9:50	55.3	39.8	0.0	4.9	-1.04	-1.83	-44.79	119.3	30.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW184	9/24/2024 9:18	49.4	32.3	0.2	18.1	-2.46	-2.52	-46.33	114.5	43.5	Valve Adjustment:No Change
OXMEW185	9/13/2024 9:46	52.1	39.8	0.4	7.7	-0.42	-0.55	-45.01	116.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	9/24/2024 9:24	55.5	40.0	0.3	4.2	-0.37	-0.53	-47.53	115.9	22.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	9/24/2024 9:25	55.9	41.8	0.3	2.0	-0.53	-0.55	-47.76	116.6	28.7	Valve Adjustment:No Change
OXMEW186	9/13/2024 14:02	41.9	34.8	0.0	23.3	-2.79	-2.30	-44.27	121.2	28.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW186	9/24/2024 12:18	52.2	40.8	0.0	7.0	-0.46	-0.60	-46.46	112.8	11.3	Valve Adjustment:No Change,Valve 5% open
OXMEW187	9/13/2024 10:05	36.7	34.0	2.0	27.3	-1.08	-0.97	-44.79	104.0	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW187	9/24/2024 10:01	50.2	38.3	0.0	11.5	-0.59	-0.58	-46.96	103.8	0.0	Valve Adjustment:No Change
OXMEW188	9/13/2024 9:32	40.2	36.6	1.4	21.8	-2.79	-1.99	-45.36	109.3	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	9/24/2024 9:44	50.6	38.1	0.1	11.2	-0.97	-0.97	-47.78	102.5	0.0	Valve Adjustment:No Change
OXMEW189	9/13/2024 9:27	49.0	39.1	0.9	11.0	-3.81	-3.71	-37.31	123.6	23.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	9/24/2024 10:11	51.3	39.4	0.9	8.4	-2.12	-2.12	-46.90	124.1	19.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW190	9/10/2024 14:47	50.6	37.4	0.2	11.8	-19.96	-20.11	-42.51	127.3	38.1	Valve Adjustment:No Change
OXMEW190	9/24/2024 12:03	51.7	39.3	0.1	8.9	-21.01	-20.97	-46.38	127.9	40.3	Valve Adjustment:No Change,Valve 50% open
OXMEW191	9/5/2024 11:10	43.2	35.5	0.3	21.0	-0.35	-0.34	-53.87	116.3	0.0	Valve Adjustment:No Change
OXMEW191	9/17/2024 10:39	48.2	36.8	1.6	13.4	-1.65	-1.62	-50.60	113.2	31.8	Valve Adjustment:No Change
OXMEW192	9/4/2024 15:18	52.4	37.6	0.0	10.0	-12.52	-12.52	-51.07	85.5	6.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW192	9/17/2024 8:31	50.1	37.0	0.0	12.9	-12.18	-12.19	-50.47	82.1	5.9	Valve Adjustment:No Change
OXMEW194	9/12/2024 9:44	50.9	38.2	1.3	9.6	-41.60	-41.56	-41.51	84.9	15.0	Valve Adjustment:No Change

OX MOUNTAIN LANDFILL  
 Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW194	9/22/2024 11:14	49.3	36.1	1.4	13.2	-40.63	-40.63	-40.35	85.1	0.0	Valve Adjustment:No Change
OXMEW196	9/13/2024 14:12	34.9	31.9	0.9	32.3	-31.44	-29.47	-43.78	117.9	53.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	9/24/2024 12:28	49.7	33.0	0.5	16.8	-19.24	-19.01	-48.32	116.8	44.1	Valve Adjustment:No Change
OXMEW199	9/13/2024 14:07	46.6	36.4	0.3	16.7	-12.54	-11.07	-44.00	125.2	77.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	9/24/2024 12:22	53.4	42.8	0.2	3.6	-2.76	-5.04	-46.38	119.3	40.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	9/13/2024 10:01	53.9	37.2	0.1	8.8	-0.35	-0.62	-45.20	114.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	9/24/2024 9:57	46.5	38.1	0.0	15.4	-1.53	-1.52	-47.54	118.0	11.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	9/13/2024 9:39	57.7	40.8	0.0	1.5	-0.16	-0.31	-45.57	89.8	8.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW201	9/24/2024 9:38	49.9	38.9	0.0	11.2	-0.66	-0.67	-47.38	101.1	7.4	Valve Adjustment:No Change
OXMEW203	9/3/2024 10:11	49.8	33.9	0.5	15.8	-8.89	-8.88	-40.60	86.1	0.7	Valve Adjustment:No Change,Valve at minimum position
OXMEW203	9/21/2024 12:14	54.3	36.4	0.3	9.0	-7.93	-7.78	-45.19	70.2	0.6	Valve Adjustment:No Change,Valve at minimum position
OXMEW204	9/3/2024 10:06	39.9	32.3	0.6	27.2	-8.83	-7.36	-37.81	96.4	4.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXMEW204	9/21/2024 12:07	34.6	30.1	0.7	34.6	-10.52	-9.47	-44.25	89.6	4.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXMEW205	9/13/2024 10:08	36.2	36.1	0.0	27.7	-0.81	-0.78	-44.67	126.6	14.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW205	9/24/2024 10:05	42.5	38.4	0.0	19.1	-0.67	-0.65	-47.37	126.7	13.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXMEW209	9/13/2024 10:15	54.5	41.1	0.0	4.4	-36.19	-36.30	-44.32	133.2	62.8	Valve Adjustment:No Change,Valve 100% open
OXMEW209	9/24/2024 10:31	54.3	39.8	0.0	5.9	-38.18	-38.18	-47.21	133.1	65.4	Valve Adjustment:No Change,Valve 100% open
OXMEW210	9/9/2024 14:37	56.1	32.9	0.2	10.8	-30.44	-30.40	-33.13	122.4	34.0	Valve Adjustment:No Change,Valve 100% open
OXMEW210	9/21/2024 11:24	55.2	34.3	0.1	10.4	-40.47	-40.76	-44.59	121.9	39.2	Valve Adjustment:No Change,Valve 100% open
OXMEW300	9/10/2024 15:34	57.2	36.0	1.0	5.8	-43.59	-43.57	-43.93	102.1	21.4	Valve Adjustment:No Change,Valve 100% open
OXMEW300	9/23/2024 13:23	57.5	33.7	0.7	8.1	-39.21	-39.32	-39.62	102.6	25.8	Valve Adjustment:No Change,Valve 100% open
OXMEW302	9/10/2024 15:25	54.4	36.6	0.2	8.8	-2.07	-2.07	-44.31	90.0	0.0	Valve Adjustment:No Change
OXMEW302	9/24/2024 10:45	50.0	37.7	0.3	12.0	-3.21	-3.22	-48.02	94.6	8.0	Valve Adjustment:No Change
OXMEW306	9/10/2024 15:52	50.2	37.4	0.1	12.3	-0.86	-0.86	-44.79	74.2	6.1	Valve Adjustment:No Change
OXMEW306	9/21/2024 11:29	30.9	31.4	0.1	37.6	-1.21	-1.21	-45.62	66.1	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	9/12/2024 13:45	53.4	36.4	1.3	8.9	-46.68	-46.68	-47.54	87.6	2.0	Valve Adjustment:No Change
OXMEW307	9/21/2024 12:36	53.3	36.9	1.7	8.1	-43.42	-43.29	-45.19	84.2	3.6	Valve Adjustment:No Change,Valve 100% open
OXMEW309	9/10/2024 15:11	48.6	37.0	0.5	13.9	-7.06	-7.06	-44.27	83.1	6.5	Valve Adjustment:No Change
OXMEW309	9/24/2024 10:28	47.7	37.9	0.0	14.4	-8.41	-8.25	-48.39	86.6	33.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	9/13/2024 13:56	37.9	31.8	0.6	29.7	-13.72	-8.79	-44.08	118.7	8.9	Valve Adjustment:Closed valve 1/2 turn or less

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEW310	9/24/2024 15:18	55.1	38.7	0.1	6.1	-0.20	-2.10	-46.28	100.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	9/3/2024 10:42	52.0	39.0	0.7	8.3	-39.84	-39.79	-39.56	117.6	25.6	Valve Adjustment:No Change
OXMEW311	9/21/2024 11:41	53.5	35.9	0.5	10.1	-44.43	-44.61	-44.61	117.7	24.7	Valve Adjustment:No Change
OXMEW312	9/10/2024 14:54	49.2	35.3	0.0	15.5	-4.15	-4.16	-43.30	78.8	40.0	Valve Adjustment:No Change
OXMEW312	9/24/2024 12:10	50.5	37.8	0.0	11.7	-4.30	-4.29	-46.72	95.3	10.4	Valve Adjustment:No Change
OXMEW315	9/10/2024 14:28	53.4	24.4	0.3	21.9	-40.55	-41.08	-42.91	119.9	23.2	Valve Adjustment:No Change,Valve 100% open
OXMEW315	9/24/2024 11:44	51.2	34.6	0.2	14.0	-45.62	-46.26	-46.28	120.6	17.1	Valve Adjustment:No Change
OXMEW316	9/13/2024 14:27	58.8	39.2	0.0	2.0	-39.37	-39.27	-42.83	116.8	11.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	9/22/2024 11:39	57.1	40.0	0.0	2.9	-38.60	-38.60	-42.15	113.6	13.0	Valve Adjustment:No Change
OXMEW317	9/13/2024 14:22	57.0	38.3	0.8	3.9	-42.49	-42.37	-42.44	95.6	3.4	Valve Adjustment:No Change
OXMEW317	9/22/2024 11:33	56.2	39.5	0.5	3.8	-41.61	-41.48	-41.51	89.0	9.4	Valve Adjustment:No Change
OXMEW318	9/12/2024 9:56	51.8	36.6	0.0	11.6	-3.92	-3.92	-40.36	109.4	13.0	Valve Adjustment:No Change,Valve 10% open
OXMEW318	9/22/2024 11:23	51.7	35.9	0.0	12.4	-3.55	-3.54	-39.36	109.4	12.7	Valve Adjustment:No Change
OXMEW319	9/13/2024 13:46	44.5	35.0	0.6	19.9	-14.88	-13.08	-41.81	106.9	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	9/24/2024 15:28	52.9	36.6	0.7	9.8	-11.62	-11.75	-49.14	105.0	13.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	9/10/2024 11:42	56.9	41.9	0.1	1.1	-42.96	-42.94	-42.95	119.9	9.9	Valve Adjustment:No Change
OXMEW320	9/24/2024 15:03	55.9	39.2	0.2	4.7	-46.68	-46.60	-47.09	122.2	10.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW322	9/11/2024 15:00	58.7	36.6	0.1	4.6	-39.24	-39.24	-41.76	99.4	20.7	Valve Adjustment:No Change,Valve 100% open
OXMEW322	9/19/2024 8:34	58.8	37.8	0.3	3.1	-44.85	-44.79	-48.45	92.3	22.5	Valve Adjustment:No Change,Valve 100% open
OXMEW322	9/19/2024 8:39	58.2	39.2	0.4	2.2	-44.11	-44.70	-48.58	92.7	20.8	Valve Adjustment:No Change,Valve 100% open
OXMEW323	9/11/2024 15:02	58.3	38.5	0.2	3.0	-41.35	-41.44	-41.55	98.7	4.7	Valve Adjustment:No Change,Valve 100% open
OXMEW323	9/19/2024 8:41	58.4	39.5	0.2	1.9	-48.14	-48.50	-48.45	78.5	4.9	Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	9/12/2024 13:15	57.9	26.9	0.4	14.8	-46.54	-46.85	-47.13	84.9		Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	9/23/2024 11:36	52.1	37.4	0.3	10.2	-25.48	-25.60	-25.65	86.6		Valve Adjustment:No Change,Valve 100% open
OXMEWW05	9/13/2024 11:47	58.1	33.1	0.4	8.4	-46.56	-46.17	-46.20	76.0	11.0	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	9/22/2024 10:10	55.7	38.0	0.1	6.2	-40.23	-40.13	-41.17	72.0	15.7	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	9/13/2024 11:23	55.7	37.8	0.4	6.1	-46.09	-44.99	-45.98	72.3	8.2	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	9/22/2024 10:03	54.8	36.3	0.1	8.8	-40.34	-40.30	-40.13	67.9	7.2	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	9/13/2024 12:35	53.3	34.0	3.5	9.2	-2.66	-2.64	-41.82	84.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW08	9/17/2024 8:49	51.0	39.4	0.0	9.6	-2.95	-2.96	-49.81	59.7	0.3	Valve Adjustment:No Change,Valve at minimum position

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXMEWW1G	9/13/2024 11:39	31.9	27.1	2.2	38.8	-31.46	-10.30	-45.74	95.8	9.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1G	9/22/2024 10:21	55.5	37.2	0.0	7.3	-4.29	-5.51	-40.06	88.8	2.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEWW1S	9/13/2024 11:13	54.7	31.8	0.7	12.8	-24.69	-24.63	-46.91	71.6	16.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	9/22/2024 9:55	56.4	36.7	0.6	6.3	-22.03	-22.03	-40.73	68.4	18.7	Valve Adjustment:No Change
OXMHCF03	9/9/2024 12:55	55.9	43.1	0.1	0.9	-36.52	-36.62	-35.99	70.3	35.4	N/A
OXMHCF03	9/23/2024 11:27	56.1	40.7	0.6	2.6	-27.78	-28.03	-28.18	83.5	29.9	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	9/9/2024 12:53	58.2	41.5	0.3	0.0	-34.67	-34.58	-34.67	66.2	9.6	Valve Adjustment:No Change
OXMHCF04	9/23/2024 11:25	53.8	34.7	0.5	11.0	-27.72	-27.46	-27.60	80.7	0.0	Valve Adjustment:No Change
OXMPEW30	9/6/2024 13:47	57.5	40.1	0.2	2.2	-51.75	-51.62	-51.76	91.5	2.8	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	9/18/2024 11:03	55.6	42.1	0.0	2.3	-54.59	-54.25	-54.49	60.7	9.5	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	9/6/2024 12:29	57.6	37.3	0.2	4.9	-52.89	-52.56	-52.75	82.8	5.0	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	9/18/2024 11:11	55.6	38.7	0.1	5.6	-54.25	-54.20	-54.49	64.5	9.5	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	9/4/2024 14:55	56.8	38.8	0.1	4.3	-49.99	-49.99	-50.03	88.2	1.5	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	9/17/2024 9:24	49.7	39.6	0.0	10.7	-49.89	-49.73	-50.17	65.5	2.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 85% open
OXMPEW33	9/13/2024 12:43	54.8	36.1	0.1	9.0	-5.07	-5.53	-41.76	81.7	6.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMPEW33	9/17/2024 8:44	50.3	37.0	0.0	12.7	-6.46	-6.77	-50.96	78.1	10.8	Valve Adjustment:No Change
<b>OXMPEW35</b>	9/6/2024 14:24	47.8	39.2	0.7	12.3	-34.46	-34.36	-34.77	121.0	24.2	Valve Adjustment:Closed valve 1/2 turn or less
<b>OXMPEW35</b>	9/18/2024 10:47	47.5	39.9	0.5	12.1	-31.23	-31.08	-31.00	120.2	22.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW44	9/13/2024 11:15	56.9	37.5	0.3	5.3	-46.77	-46.68	-46.34	83.6	3.4	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	9/22/2024 9:53	57.3	33.9	0.4	8.4	-40.93	-40.80	-40.97	69.5	3.1	Valve Adjustment:No Change,Valve 100% open
OXSS2032	9/11/2024 14:48	50.6	36.9	0.1	12.4	-24.69	-24.69	-36.99	81.1	68.4	Valve Adjustment:No Change
OXSS2032	9/23/2024 14:03	53.9	36.8	0.2	9.1	-18.65	-18.60	-32.48	81.3	86.2	Valve Adjustment:No Change,Valve 100% open
OXSS2033	9/11/2024 14:25	59.3	37.9	0.0	2.8	-36.87	-37.21	-41.59	100.0	38.7	Valve Adjustment:No Change,Valve 100% open
OXSS2033	9/23/2024 13:41	59.7	37.1	0.1	3.1	-33.42	-33.81	-37.91	108.4	37.8	Valve Adjustment:No Change,Valve 100% open
OXSS2034	9/11/2024 14:23	57.7	38.6	0.0	3.7	-38.86	-38.56	-37.56	98.6	4.6	Valve Adjustment:No Change,Valve 100% open
OXSS2034	9/23/2024 13:39	59.0	33.4	0.2	7.4	-35.78	-35.88	-36.06	107.7	8.0	Valve Adjustment:No Change,Valve 100% open

OX MOUNTAIN LANDFILL  
Wellfield Monitoring Report - September 3, 4, 5, 6, 9, 10, 11, 12, 13, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, and 30, 2024.

Device ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub> <sup>1</sup>	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OXSS2215	9/10/2024 11:04	56.8	42.5	0.3	0.4	-0.01	-0.08	-39.26	93.0	9.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2215	9/24/2024 16:12	56.3	38.7	1.4	3.6	-0.01	-0.07	-41.06	96.0	7.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXSS2216	9/5/2024 10:12	0.6	0.4	21.1	77.9	-0.72	-0.17	-50.13	76.3	25.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 5% open
OXSS2216	9/5/2024 10:20	0.1	0.0	21.1	78.8	-0.16	-0.13	-51.35	79.3	7.7	Valve Adjustment:NSPS,Valve at minimum position
OXSS2216	9/10/2024 9:31	12.6	15.6	18.5	53.3	0.01	-0.02	-43.57	63.9	5.1	Valve Adjustment:NSPS,Valve at minimum position,Opened valve 1/2 turn or less
OXSS2216	9/10/2024 9:34	0.0	0.2	21.5	78.3	-0.03	-0.03	-43.76	64.1	8.0	Valve Adjustment:NSPS/CAI,Valve at minimum position

<sup>1</sup> - Oxygen is only required to be monitored per NESHAP Subpart AAAA and high percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are highlighted for reporting purposes only.

**Italic** = HOV/LTCO approval from BAAQMD

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

\*\*Well OXEWHC6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH<sub>4</sub> = Methane

CO<sub>2</sub> = Carbon Dioxide

O<sub>2</sub> = Oxygen

BAL = Balance Gas, usually nitrogen

in. wk.. = inches of water column

Deg. F. = degrees in Fahrenheit

scfm = standard cubic feet per minute

% = percent

N/A = Not applicable

≤140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii) OXEW1618, OXMEW205, OXMEW209, OXMPEW35
---

≤15% Oxygen HOV per Title V Permit Condition Number 10164 part 18(b)(i) OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, <del>OXLCSR04</del> , OXLCSR4A, OXLCSR4B, <del>OXLCSR05</del> , <del>OXLCSR06</del> , OXLCSR07, <del>OXMEWHC6</del> , <del>OXMTBTC1</del> , OXMEWW47, and OXMHC606.
--

LTCO per Title V Permit Condition Number 10164 part 18(d)(i) OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, <del>OXLCSR04</del> , OXLCSR4A, OXLCSR4B, <del>OXLCSR05</del> , <del>OXLCSR06</del> , and OXLCSR07.
---

\*Wells that have been decommissioned are noted with a strikethrough.

Total Number of Active Wells	225
Total Number of Well Readings	542
Total Number of Readings NOT Collected	4

## APPENDIX K

### WELLFIELD DEVIATION LOG

**Ox Mountain Landfill, Half Moon Bay, California**  
**APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024 WELLFIELD DEVIATION LOG**

**REPORT PREPARED BY:** Tetra Tech  
**UPDATED DATE:** 10/1/2024  
**LFG MONITORING DEVICE:** GEM & Elkins Earthworks  
**MODEL:** 2000 & Envision  
**DATE LAST CALIBRATED:** DAILY

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
		%	%	%	%	in. wc.	Deg. F.		Days
OMTLTS11	6/12/2024 11:04	1.4	1.3	19.5	77.8	-0.47	68.0	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS11	6/12/2024 11:06	0.0	0.3	21.1	78.6	-0.42	65.3	Valve Adjustment: No Change, Valve at minimum position	
OMTLTS11	6/18/2024 16:26	49.1	31.0	12.6	7.3	-0.20	67.5	Valve Adjustment: No Change, Valve at minimum position	6
Comments: An oxygen exceedance was detected at OMTLTS11 on June 12, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on June 18, 2024, and no further exceedance was detected. Well OMTLTS11 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).									
OMTLTS12	5/29/2024 11:08	0.0	0.2	20.5	79.3	-1.17	72.9	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OMTLTS12	5/29/2024 11:09	0.0	0.2	20.5	79.3	-0.52	74.7	Valve Adjustment: No Change, Valve at minimum position	
OMTLTS12	6/11/2024 15:08	39.2	32.2	12.0	16.6	-0.30	85.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	13
Comments: An oxygen exceedance was detected at OMTLTS12 on May 29, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on June 11, 2024, and no further exceedance was detected. Well OMTLTS12 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).									
OXEW1601	9/19/2024 9:15	3.1	13.5	19.2	64.2	-48.59	60.5	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn to 1 turn	
OXEW1601	9/19/2024 9:48	0.0	0.2	21.5	78.3	-8.96	61.4	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1601	9/24/2024 14:08	0.0	0.0	21.4	78.6	-1.43	95.7	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1601	9/24/2024 14:09	0.0	0.0	21.4	78.6	-0.26	91.5	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position	
OXEW1601	9/30/2024 10:58	0.4	1.0	21.2	77.4	-0.92	89.8	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXEW1601	9/30/2024 10:58	0.4	1.1	20.9	77.6	-19.70	90.2	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	12 (as of October 1, 2024)
Comments: An oxygen exceedance was detected at OXEW1601 on September 19, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the dates noted above but the well remains in exceedance.									
OXEW1622	8/26/2024 12:41	43.2	29.5	5.6	21.7	-41.88	115.6	Valve Adjustment: Closed valve 1/2 turn or less	
OXEW1622	8/26/2024 12:50	45.5	29.3	4.9	20.3	-43.64	116.2	Valve Adjustment: Closed valve 1/2 turn or less	<1
Comments: An oxygen exceedance was detected at OXEW1622 on August 26, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
		%	%	%	%	in. wc.	Deg. F.		Days
OXEW1901	7/10/2024 13:47	26.4	19.3	10.9	43.4	-42.79	82.2	Valve Adjustment: NSPS/CAI, Valve at minimum position	
OXEW1901	7/10/2024 13:50	27.5	19.6	11.5	41.4	-42.06	82.5	Valve Adjustment: NSPS/CAI, No Change	
OXEW1901	7/18/2024 8:04	59.1	40.1	0.8	0.0	-29.51	70.5	Valve Adjustment: Opened valve 1/2 turn or less	8
Comments: An oxygen exceedance was detected at OXEW1901 on July 10, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on July 18, 2024, and no further exceedance was detected.									
OXEW1901	9/13/2024 10:34	2.8	2.2	19.0	76.0	-43.90	96.5	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1901	9/13/2024 10:46	4.2	2.5	17.9	75.4	-35.83	96.8	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXEW1901	9/18/2024 15:57	46.6	17.7	0.2	35.5	-3.03	82.4	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	5
Comments: An oxygen exceedance was detected at OXEW1901 on September 13, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on September 18, 2024, and no further exceedance was detected.									
OXEW1911	5/9/2024 8:15	45.1	36.4	4.4	14.1	0.13	121.1	Valve Adjustment: Closed valve >10%, Valve 95% open ( <b>Adjusted static pressure</b> )	
OXEW1911	5/9/2024 8:16	58.4	40.2	0.1	1.3	20.44	101.8	Valve Adjustment: No Change	<1 (as of decommissioning)
Comments: A pressure exceedance was detected at OXEW1911 on May 9, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was decommissioned on May 9, 2024. Please refer to Appendix C, Wellfield SSM Log for further details.									
OXEW1917	5/29/2024 9:39	0.0	0.2	20.9	78.9	-42.24	75.1	Valve Adjustment: NSPS, Closed valve 1/2 turn or less, Valve 5% open	
OXEW1917	5/29/2024 10:40	0.1	0.4	20.7	78.8	-42.19	74.5	Valve Adjustment: No Change, Valve at minimum position	
OXEW1917	6/5/2024 8:31	58.7	37.9	0.3	3.1	-25.77	82.4	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open	7
Comments: An oxygen exceedance was detected at OXEW1917 on May 29, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on June 5, 2024, and no further exceedance was detected.									
OXEW2001	5/9/2024 12:10	29.1	25.1	5.8	40.0	-7.74	121.6	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 20% open	
OXEW2001	5/9/2024 12:12	31.9	26.7	4.7	36.7	-5.71	121.0	Valve Adjustment: No Change, Valve 20% open	<1
Comments: An oxygen exceedance was detected at OXEW2001 on May 9, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2010	7/10/2024 15:05	0.0	0.1	20.6	79.3	-44.02	83.4	Valve Adjustment: NSPS/CAI, Valve at minimum position	
OXEW2010	7/10/2024 15:06	31.2	29.1	3.4	36.3	-36.04	83.4	Valve Adjustment: No Change, Valve at minimum position	<1
Comments: An oxygen exceedance was detected at OXEW2010 on July 10, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure in. wc.	Initial Temperature Deg. F.	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period Days
OXEW2010	8/12/2024 8:04	0.2	3.9	20.8	75.1	-45.68	53.0	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW2010	8/12/2024 8:05	0.1	1.8	21.2	76.9	-37.42	53.2	Valve Adjustment: NSPS, No Change, Valve at minimum position	
OXEW2010	8/20/2024 8:58	57.6	39.6	0.3	2.5	2.55	74.5	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	
OXEW2010	8/20/2024 9:00	56.7	40.2	0.3	2.8	-3.32	75.3	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	8
Comments: An oxygen exceedance was detected at OXEW2010 on August 12, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on August 20, 2024, and no further oxygen exceedance was detected but a additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedances were detected.									
OXEW2016	8/1/2024 9:40	57.1	42.0	0.0	0.9	9.79	131.8	Valve Adjustment: Opened valve 1/2 turn or less, Valve 20% open (Adjusted Temperature)	
OXEW2016	8/1/2024 10:21	55.7	43.8	0.0	0.5	-7.28	132.20	Valve Adjustment: Closed valve 1/2 turn or less, Valve 15% open	
OXEW2016	8/1/2024 10:26	55.8	44.0	0.0	0.2	-0.14	130.4	Valve Adjustment: Closed valve 1/2 turn or less, Valve 10% open	<1
Comments: A pressure and temperature exceedance were detected at OXEW2010 on August 1, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further oxygen exceedance was detected but the temperature exceedance remained. 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.									
OXEW2021	7/10/2024 15:07	33.1	23.7	8.8	34.4	-2.87	85.5	Valve Adjustment: NSPS, Closed valve 1/2 turn or less	
OXEW2021	7/10/2024 15:09	18.5	12.6	14.8	54.1	-0.81	86.8	Valve Adjustment: No Change, Valve at minimum position	
OXEW2021	7/17/2024 11:05	60.8	36.2	0.3	2.7	-2.02	78.1	Valve Adjustment: Opened valve 1/2 turn or less	7
Comments: An oxygen exceedance was detected at OXEW2021 on July 10, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on July 17, 2024, and no further exceedance was detected.									
OXEW2027	5/29/2024 10:16	42.8	31.3	5.3	20.6	-36.30	76.2	Valve Adjustment: Closed valve 1/2 turn or less, Valve 50% open	
OXEW2027	5/29/2024 10:17	43.4	31.6	4.9	20.1	-37.25	76.6	Valve Adjustment: No Change, Valve 50% open	<1
Comments: An oxygen exceedance was detected at OXEW2027 on May 29, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2027	7/10/2024 14:15	32.9	25.0	8.2	33.9	-39.20	78.1	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position	
OXEW2027	7/10/2024 14:16	34.5	26.3	7.7	31.5	-39.68	78.5	Valve Adjustment: NSPS/CAI, No Change, Valve at minimum position	
OXEW2027	7/19/2024 15:36	53.2	34.9	2.8	9.1	-40.25	82.1	Valve Adjustment: Valve 100% open, Closed valve 1/2 turn or less	9
Comments: An oxygen exceedance was detected at OXEW2027 on July 10, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on July 19, 2024, and no further exceedance was detected.									
OXEW2027	8/12/2024 8:44	15.7	10.2	15.7	58.4	-33.23	53.2	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXEW2027	8/12/2024 10:41	42.7	32.2	1.6	23.5	-25.41	55.0	Valve Adjustment: No Change, Valve at minimum position	<1
Comments: An oxygen exceedance was detected at OXEW2027 on August 12, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

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
		%	%	%	%				
OXEW2109	9/6/2024 14:18	55.7	40.8	0.0	3.5	8.46	95.7	Valve Adjustment: NSPS/CAI, Valve at minimum position, Opened valve 1/2 turn or less	
OXEW2109	9/6/2024 14:20	56.6	41.0	0.0	2.4	-0.68	95.3	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	<1
Comments: A pressure exceedance was detected at OXEW2109 on September 6, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2208	4/30/2024 8:57	59.2	39.2	0.0	1.6	2.69	70.6	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less, Valve 50% open	
OXEW2208	4/30/2024 8:58	58.3	40.3	0.0	1.4	2.70	71.1	Valve Adjustment: NSPS, Valve 100% open, Opened valve 1/2 turn or less	
OXEW2208	5/1/2024 12:40	60.3	39.0	0.1	0.6	-6.43	127.3	Valve Adjustment: Opened valve 1/2 turn or less, Valve 35% open	1
Comments: A pressure exceedance was detected at OXEW2208 on April 30, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on May 1, 2024, and no further exceedance was detected.									
OXEW2401	9/11/2024 10:20	57.0	40.9	0.0	2.1	3.47	65.8	Valve Adjustment: No Change, Valve at minimum position	
OXEW2401	9/11/2024 10:28	56.8	41.1	0.0	2.1	3.45	65.6	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	
OXEW2401	9/11/2024 11:48	57.4	39.6	0.0	3.0	1.47	91.9	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	
OXEW2401	9/11/2024 12:45	57.9	39.1	0.0	3.0	0.64	94.2	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	
OXEW2401	9/11/2024 13:45	58.1	37.9	0.0	4.0	-0.19	95.2	Valve Adjustment: Opened valve 1/2 turn or less, Valve 5% open	<1
Comments: A pressure exceedance was detected at OXEW2401 on September 11, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected. The well was started up on September 11, 2024. Please refer to Appendix C, Wellfield SSM Log for further details.									
OXEW2402	9/11/2024 10:49	57.1	40.8	0.0	2.1	11.65	68.4	Valve Adjustment: No Change, Valve at minimum position	
OXEW2402	9/11/2024 10:51	56.7	41.5	0.0	1.8	11.71	68.5	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	
OXEW2402	9/11/2024 12:13	58.9	36.3	0.0	4.8	3.31	84.7	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	
OXEW2402	9/11/2024 13:11	59.0	37.2	0.0	3.8	1.23	86.4	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	
OXEW2402	9/11/2024 13:59	58.2	37.9	0.0	3.9	-0.22	88.0	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	<1
Comments: A pressure exceedance was detected at OXEW2402 on September 11, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected. The well was started up on September 11, 2024. Please refer to Appendix C, Wellfield SSM Log for further details.									
OXEW2403	9/11/2024 11:11	54.8	40.1	0.7	4.4	0.02	78.0	Valve Adjustment: No Change, Valve at minimum position	
OXEW2403	9/11/2024 11:18	50.5	37.7	2.1	9.7	0.02	74.1	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	
OXEW2403	9/11/2024 12:21	57.1	37.0	0.6	5.3	-0.03	72.0	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	<1
Comments: A pressure exceedance was detected at OXEW2403 on September 11, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected. The well was started up on September 11, 2024. Please refer to Appendix C, 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
OXEW2404	9/11/2024 9:20	57.2	40.6	0.0	2.2	8.49	66.3	Valve Adjustment:No Change,Valve at minimum position	
OXEW2404	9/11/2024 9:55	57.1	40.7	0.0	2.2	8.41	66.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2404	9/11/2024 11:39	56.0	39.3	0.0	4.7	4.03	92.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2404	9/11/2024 12:32	58.3	38.0	0.0	3.7	1.43	95.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2404	9/11/2024 13:36	58.6	37.2	0.0	4.2	-0.21	96.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open	<1
Comments: A pressure exceedance was detected at OXEW2404 on September 11, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected. The well was started up on September 11, 2024. Please refer to Appendix C, Wellfield SSM Log for further details.									
OXEW2405	9/11/2024 10:39	57.6	40.3	0.0	2.1	3.40	65.8	Valve Adjustment:No Change,Valve at minimum position	
OXEW2405	9/11/2024 10:42	57.2	40.5	0.0	2.3	3.32	65.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2405	9/11/2024 12:07	60.8	38.2	0.1	0.9	1.04	89.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2405	9/11/2024 13:03	58.7	37.6	0.0	3.7	-0.60	94.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	<1
Comments: A pressure exceedance was detected at OXEW2405 on September 11, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected. The well was started up on September 11, 2024. Please refer to Appendix C, Wellfield SSM Log for further details.									
OXEW2406	9/11/2024 8:49	59.4	39.5	0.0	1.1	1.64	64.3	Valve Adjustment:No Change,Valve at minimum position	
OXEW2406	9/11/2024 8:59	58.8	39.2	0.0	2.0	1.65	65.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2406	9/11/2024 11:26	56.4	38.0	0.0	5.6	0.83	101.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2406	9/11/2024 12:25	58.8	37.3	0.0	3.9	0.28	111.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2406	9/11/2024 13:28	57.8	37.9	0.0	4.3	-0.40	114.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	<1
Comments: A pressure exceedance was detected at OXEW2406 on September 11, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected. The well was started up on September 11, 2024. Please refer to Appendix C, Wellfield SSM Log for further details.									
OXHC1922	4/30/2024 8:51	59.0	35.9	0.1	5.0	2.78	61.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 50% open	
OXHC1922	4/30/2024 8:53	60.8	37.2	0.1	1.9	2.75	61.5	Valve Adjustment:NSPS,Valve 100% open	
OXHC1922	5/1/2024 12:36	62.0	37.9	0.1	0.0	-3.36	96.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open	1
Comments: A pressure exceedance was detected at OXHC1922 on April 30, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on May 1, 2024, and no further exceedance was detected.									

Well ID	Date and Time	CH <sub>4</sub>	CO <sub>2</sub>	O <sub>2</sub>	BAL	Initial Static Pressure	Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
		%	%	%	%	in. wc.	Deg. F.		Days
OXLCRS3A	4/9/2024 8:59	49.5	18.4	6.6	25.5	-45.39	63.7	Valve Adjustment: NSPS, Valve at minimum position	
OXLCRS3A	4/9/2024 9:14	57.1	20.4	2.9	19.6	-13.75	62.8	Valve Adjustment: Opened valve 1/2 turn or less, Valve 10% open	<1
Comments: An oxygen exceedance was detected at OXLCRS3A on April 9, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW122	5/9/2024 12:39	36.1	23.7	9.2	31.0	-41.23	89.9	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXMEW122	5/9/2024 12:39	40.1	23.1	7.4	29.4	-41.04	89.8	Valve Adjustment: Closed valve 1/2 turn or less	
OXMEW122	5/21/2024 8:22	44.9	33.6	3.1	18.4	-46.37	58.6	Valve Adjustment: No Change	12
Comments: An oxygen exceedance was detected at OXMEW122 on May 9, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on May 21, 2024, and no further exceedance was detected.									
OXMEW122	8/26/2024 14:08	36.5	21.8	10.1	31.6	-45.29	103.0	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less	
OXMEW122	8/26/2024 14:10	37.4	20.2	9.0	33.4	-45.02	101.1	Valve Adjustment: Closed valve 1/2 turn or less	
OXMEW122	9/3/2024 9:17	44.0	23.7	4.8	27.5	-41.68	72.4	N/A	8
Comments: An oxygen exceedance was detected at OXMEW122 on August 26, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on September 3, 2024, and no further exceedance was detected.									
OXMEW156	4/26/2024 14:04	18.5	14.5	13.0	54.0	-14.61	60.6	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW156	4/26/2024 14:05	18.6	14.7	13.0	53.7	-0.20	61.1	Valve Adjustment: No Change, Valve at minimum position	
OXMEW156	5/1/2024 15:31	58.3	33.6	3.1	5.0	-2.48	77.7	Valve Adjustment: No Change, Valve at minimum position	5
Comments: An oxygen exceedance was detected at OXMEW156 on April 26, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on May 1, 2024, and no further exceedance was detected.									
OXMEW162	6/12/2024 10:39	17.8	9.2	15.6	57.4	-46.93	62.9	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW162	6/12/2024 10:48	60.3	31.3	2.0	6.4	-42.20	63.1	Valve Adjustment: Opened valve 1/2 turn or less	<1
Comments: An oxygen exceedance was detected at OXMEW162 on June 12, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

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
OXMEW203	2/27/2024 13:49	0.4	3.8	18.5	77.3	-0.12	65.5	Valve Adjustment: NSPS/CAI, Opened valve 1/2 turn or less	
OXMEW203	2/27/2024 13:51	0.2	2.8	18.8	78.2	-5.15	71.4	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW203	3/7/2024 15:40	0.2	0.6	21.2	78.0	-1.35	67.3	Valve Adjustment: NSPS, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW203	3/7/2024 15:49	0.0	0.1	21.3	78.6	-0.25	70.5	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW203	3/27/2024 14:06	0.0	0.2	20.9	78.9	-4.99	53.8	Valve Adjustment: NSPS/CAI, Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW203	3/27/2024 14:07	0.0	0.2	20.6	79.2	-1.83	53.5	Valve Adjustment: No Change, Valve at minimum position	
OXMEW203	4/12/2024 14:00	25.1	23.0	17.1	34.8	-43.42	56.6	Valve Adjustment: NSPS, No Change, Valve at minimum position	
OXMEW203	4/12/2024 14:08	0.1	1.0	21.3	77.6	-32.34	56.6	Valve Adjustment: Valve at minimum position, Closed valve 1/2 turn or less	
OXMEW203	4/19/2024 11:02	50.3	29.9	3.8	16.0	-40.70	65.1	Valve Adjustment: No Change, Valve at minimum position	52
Comments: An oxygen exceedance was detected at OXMEW203 on February 27, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the dates noted above but the well remained in exceedance. The well was re-monitored on April 19, 2024, and no further exceedance was detected.									
OXSS2215	8/26/2024 10:57	57.0	41.8	0.4	0.8	0.03	89.5	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	
OXSS2215	8/26/2024 10:59	54.7	41.3	3.0	1.0	-0.12	89.1	Valve Adjustment: Valve at minimum position, Opened valve 1/2 turn or less	<1
Comments: A pressure exceedance was detected at OXSS2215 on August 26, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXSS2216	8/20/2024 11:51	38.1	30.0	5.6	26.3	-31.12	85.5	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 40% open	
OXSS2216	8/20/2024 11:59	45.6	31.8	2.7	19.9	-12.52	86.0	Valve Adjustment: Closed valve 1/2 turn or less, Valve 20% open	<1
Comments: An oxygen exceedance was detected at OXSS2216 on August 20, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXSS2216	9/5/2024 10:12	0.6	0.4	21.1	77.9	-0.72	76.3	Valve Adjustment: NSPS/CAI, Closed valve 1/2 turn or less, Valve 5% open	
OXSS2216	9/5/2024 10:20	0.1	0.0	21.1	78.8	-0.16	79.3	Valve Adjustment: NSPS, Valve at minimum position	
OXSS2216	9/10/2024 9:31	12.6	15.6	18.5	53.3	0.01	63.9	Valve Adjustment: NSPS, Valve at minimum position, Opened valve 1/2 turn or less	
OXSS2216	9/10/2024 9:34	0.0	0.2	21.5	78.3	-0.03	64.1	Valve Adjustment: NSPS/CAI, Valve at minimum position	6 (As of Decommissioning)
Comments: An oxygen exceedance was detected at OXSS2216 on September 5, 2024. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on September 10, 2024, and an additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further pressure exceedance was detected but the well remained in exceedance for oxygen. The well was decommissioned on September 11, 2024 due to the ongoing overliner construction. Please refer to Appendix C, Wellfield SSM Log for further details.									

Comments in **bold** added by Tetra Tech

<sup>1</sup> Ox Mountain is subject to NESHAP Subpart AAAAA. As such, oxygen is only required to be monitored and percentages over 5% are no longer considered exceedances. Oxygen percentages over 5% are only included for reporting purposes due to inconsistencies with the current Title V permit that still require oxygen exceedances over 5% are to be tracked as exceedances.

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, California

Yearly LFG for Ameresco Plant and A-7, A-8, and A-9 Flares

Month <sup>4</sup>	A-7 Flare Total Flow Corrected to 50% CH <sub>4</sub> (scf)	A-8 Flare Total Flow Corrected to 50% CH <sub>4</sub> (scf)	A-9 Flare Total Flow Corrected to 50% CH <sub>4</sub> (scf)	Ameresco Total Flow Corrected to 50% CH <sub>4</sub> (scf) <sup>2</sup>	Sum of A-7, A-8, A-9, and Ameresco Total Flow Corrected to 50% CH <sub>4</sub> (scf)	Consecutive 12-Month Corrected to 50% CH <sub>4</sub> Total for A-7 Flare (scf)	Consecutive 12-Month Corrected to 50% CH <sub>4</sub> Total for A-8 Flare (scf)	Consecutive 12-Month Corrected to 50% CH <sub>4</sub> Total for A-9 Flare (scf)	Consecutive 12-Month Corrected to 50% CH <sub>4</sub> Total for Ameresco (scf)	Consecutive 12-Month Total of A-7, A-8, and A-9 Corrected to 50% CH <sub>4</sub> Total (scf)	Sum of A-7, A-8, A-9, and Ameresco Corrected to 50% CH <sub>4</sub> 12-Month Throughput <sup>1</sup> (scf)	Annual Average Landfill Gas Generation Rate Corrected to 50% CH <sub>4</sub> <sup>3</sup> (scfm)
October-23	52,586,801.6	0.0	10,509,160.7	139,004,977.2	202,100,939.5	652,307,208.0	0.0	34,496,418.1	1,888,143,581.1	686,803,626.1	2,574,947,207.1	4,899.1
November-23	39,711,330.1	0.0	759,252.7	164,985,784.1	205,456,366.9	643,416,637.4	0.0	34,506,270.3	1,887,004,603.7	677,922,907.7	2,564,927,511.4	4,880.0
December-23	38,364,210.9	0.0	140,419.3	174,912,607.6	213,417,237.7	627,554,528.3	0.0	34,646,689.5	1,897,342,245.2	662,201,217.8	2,559,543,463.0	4,869.8
January-24	53,002,219.8	0.0	6,569,397.2	149,936,811.9	209,508,428.9	631,399,191.9	0.0	41,102,697.8	1,884,077,147.3	672,501,889.7	2,556,579,037.0	4,864.1
February-24	32,011,076.3	0.0	519,170.5	159,950,055.6	192,480,302.3	606,065,362.5	0.0	32,356,774.9	1,918,155,658.4	638,422,137.3	2,556,577,795.7	4,850.8
March-24	47,453,316.4	0.0	11,048,687.4	123,149,799.5	181,651,803.3	591,550,084.4	0.0	43,006,348.6	1,896,252,553.4	634,556,433.0	2,530,808,986.3	4,801.9
April-24	54,904,382.4	0.0	12,791,357.2	142,756,558.5	210,452,298.2	588,425,134.8	0.0	53,285,407.1	1,879,268,194.0	641,710,541.9	2,520,978,735.9	4,783.3
May-24	46,292,488.6	0.0	1,585,000.3	170,940,307.7	218,817,796.6	568,647,215.4	0.0	54,870,407.3	1,876,737,006.9	623,517,622.7	2,500,254,629.7	4,744.0
June-24	50,323,314.9	0.0	7,494,416.2	139,009,008.8	196,826,739.9	555,252,521.9	0.0	54,028,416.5	1,880,674,946.8	609,280,938.4	2,489,955,885.3	4,724.4
July-24	40,956,175.4	0.0	6,515,727.4	150,242,389.8	197,714,292.5	543,789,485.4	0.0	59,489,281.5	1,856,639,858.3	603,278,766.9	2,459,918,625.2	4,667.4
August-24	32,208,246.3	0.0	334,661.8	168,113,420.7	200,656,328.7	532,154,737.7	0.0	59,823,943.3	1,848,827,680.2	591,978,681.0	2,440,806,361.1	4,631.2
September-24	43,130,100.0	0.0	6,365,429.7	143,026,051.1	192,521,580.8	530,943,662.7	0.0	64,632,680.3	1,826,027,772.5	595,576,342.9	2,421,604,115.4	4,594.7

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>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.

<sup>3</sup>Pursuant to Title V Permit Condition Number 10164 Part 21, the annual average landfill gas generation rate shall not exceed 6,600 scfm.

<sup>4</sup>There were 743.00 hours available in March 2024 and 721.00 hours available in November 2023 due to Daylight Savings Time.

scf= standard cubic feet

scfm= standard cubic feet per minute

CH<sub>4</sub> = methane

LFG= landfill gas

%= percent

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

**Monthly LFG Input to Flare (A-7)**

Month	Total Available Runtime (hours) <sup>4</sup>	Total Downtime (hours)	Total Runtime (hours)	Average Flow (scfm) <sup>1</sup>	Average CH <sub>4</sub> (%) <sup>2</sup>	Total Flow LFG Volume (scf) <sup>3</sup>	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	Total CH <sub>4</sub> Volume (scf)	Total Heat Input (MMBTU)
April-24	720.00	17.50	702.50	1,535.3	41.9	64,677,548.0	54,904,382.4	27,099,892.6	27,452.2
May-24	744.00	103.97	640.03	1,421.4	41.9	54,532,708.0	46,292,488.6	22,849,204.7	23,146.2
June-24	720.00	100.13	619.87	1,571.9	41.9	59,281,035.0	50,323,314.9	24,838,753.7	25,161.7
July-24	744.00	200.77	543.23	1,469.0	41.9	48,246,513.0	40,956,175.4	20,215,288.9	20,478.1
August-24	744.00	310.90	433.10	1,430.9	42.0	37,848,014.0	32,208,246.3	15,897,456.2	16,104.1
September-24	720.00	183.13	536.87	1,529.4	43.1	49,438,695.0	43,130,100.0	21,288,302.1	21,565.0
<b>APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024 TOTALS/AVERAGE:</b>	<b>4,392.00</b>	<b>916.40</b>	<b>3,475.60</b>	<b>1,493.0</b>	<b>42.1</b>	<b>314,024,513.0</b>	<b>267,814,707.6</b>	<b>132,188,898.1</b>	<b>133,907.4</b>

**NOTES:**

<sup>1</sup>The calculated average flow only includes months in which the flare was operational.

<sup>2</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 Source Test. CH<sub>4</sub> content of 43.1 was determined from the July 16, 2024, Source Test submitted to the BAAQMD on August 28, 2024.

<sup>3</sup>Flare operation limited due to the operation of Ameresco engine plant.

<sup>4</sup>There were 743.00 hours available in March 2024 due to Daylight Savings Time

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per square cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

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

**Monthly LFG Input to Flare (A-8)**

Month	Total Available Runtime (hours)	Total Downtime (hours)	Total Runtime (hours)	Average Flow (scfm) <sup>1</sup>	Average CH <sub>4</sub> (%) <sup>2</sup>	Total Flow LFG Volume (scf) <sup>3</sup>	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	Total CH <sub>4</sub> Volume (scf)	Total Heat Input (MMBTU)
April-24	720.00	720.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
May-24	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
June-24	720.00	720.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
July-24	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
August-24	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
September-24	720.00	720.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
<b>APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024 TOTALS/AVERAGE:</b>	<b>4,392.00</b>	<b>4,392.00</b>	<b>0.00</b>	<b>0.0</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

**NOTES:**

<sup>1</sup>The calculated average flow only includes months in which the flare was operational.

<sup>2</sup>CH<sub>4</sub> content of 44.1 percent determined from the September 13, 2016 Source Test.

<sup>3</sup>A-8 Flare is inoperable and is slated to be decommissioned.

scf= standard cubic feet

scfm= standard cubic feet per minute

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

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

**Monthly LFG Input to Flare (A-9)**

Month	Total Available Runtime (hours)	Total Downtime (hours)	Total Runtime (hours)	Average Flow (scfm) <sup>1</sup>	Average CH <sub>4</sub> (%) <sup>2</sup>	Total Flow LFG Volume (scf) <sup>3</sup>	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	Total CH <sub>4</sub> Volume (scf)	Total Heat Input (MMBTU)
April-24	720.00	612.87	107.13	1,813.9	50.2	12,576,896.0	12,791,357.2	6,313,601.8	6,395.7
May-24	744.00	729.80	14.20	1,828.8	50.2	1,558,426.0	1,585,000.3	782,329.9	792.5
June-24	720.00	657.90	62.10	1,906.7	50.2	7,368,764.0	7,494,416.2	3,699,119.5	3,747.2
July-24	744.00	681.70	62.30	1,655.4	50.2	6,406,484.0	6,515,727.4	3,216,055.0	3,257.9
August-24	744.00	740.60	3.40	1,710.6	46.8	344,345.0	334,661.8	165,183.5	167.3
September-24	720.00	652.73	67.27	1,704.7	43.7	7,196,222.0	6,365,429.7	3,141,870.5	3,182.7
<b>APRIL 1, 2024 THROUGH SEPTEMBER 30, 2024 TOTALS/AVERAGE:</b>	<b>4,392.00</b>	<b>4,075.60</b>	<b>316.40</b>	<b>1,770.0</b>	<b>48.6</b>	<b>35,451,137.0</b>	<b>35,086,592.5</b>	<b>17,318,160.2</b>	<b>17,543.3</b>

**NOTES:**

<sup>1</sup>The calculated average flow only includes months in which the flare was operational.

<sup>2</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 Source Test. CH<sub>4</sub> content of 43.7 was determined from the July 9, 2024, Source Test submitted to the BAAQMD on August 16, 2024.

<sup>3</sup>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: April-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
4/1/2024	23.80	41.9	1,650.6	2,357,109.0	2,000,935.7	987,628.7	1,013.0	1,000.5
4/2/2024	22.93	41.9	1,726.2	2,375,272.0	2,016,354.1	995,239.0	1,013.0	1,008.2
4/3/2024	23.87	41.9	1,582.4	2,266,023.0	1,923,613.3	949,463.6	1,013.0	961.8
4/4/2024	17.23	41.9	1,550.2	1,602,891.0	1,360,684.6	671,611.3	1,013.0	680.3
4/5/2024	24.00	41.9	1,471.0	2,118,173.0	1,798,104.4	887,514.5	1,013.0	899.1
4/6/2024	24.00	41.9	1,401.7	2,018,415.0	1,713,420.4	845,715.9	1,013.0	856.7
4/7/2024	24.00	41.9	1,567.3	2,256,853.0	1,915,829.0	945,621.4	1,013.0	957.9
4/8/2024	22.83	41.9	1,575.5	2,158,384.0	1,832,239.2	904,362.9	1,013.0	916.1
4/9/2024	23.07	41.9	1,539.3	2,130,325.0	1,808,420.1	892,606.2	1,013.0	904.2
4/10/2024	24.00	41.9	1,606.5	2,313,337.0	1,963,777.9	969,288.2	1,013.0	981.9
4/11/2024	24.00	41.9	1,520.1	2,188,952.0	1,858,188.2	917,170.9	1,013.0	929.1
4/12/2024	24.00	41.9	1,564.6	2,252,980.0	1,912,541.2	943,998.6	1,013.0	956.3
4/13/2024	24.00	41.9	1,447.6	2,084,608.0	1,769,611.2	873,450.8	1,013.0	884.8
4/14/2024	24.00	41.9	1,443.4	2,078,488.0	1,764,416.0	870,886.5	1,013.0	882.2
4/15/2024	24.00	41.9	1,431.9	2,061,997.0	1,750,416.9	863,976.7	1,013.0	875.2
4/16/2024	23.83	41.9	1,850.9	2,646,846.0	2,246,891.7	1,109,028.5	1,013.0	1,123.4
4/17/2024	24.00	41.9	2,140.9	3,082,882.0	2,617,040.0	1,291,727.6	1,013.0	<b>1,308.5</b>
4/18/2024	24.00	41.9	2,109.7	3,037,925.0	2,578,876.3	1,272,890.6	1,013.0	1,289.4
4/19/2024	18.37	41.9	1,605.0	1,768,763.0	1,501,492.3	741,111.7	1,013.0	750.7
4/20/2024	24.00	41.9	1,410.6	2,031,248.0	1,724,314.2	851,092.9	1,013.0	862.2
4/21/2024	24.00	41.9	1,416.6	2,039,863.0	1,731,627.5	854,702.6	1,013.0	865.8
4/22/2024	24.00	41.9	1,392.1	2,004,692.0	1,701,771.0	839,965.9	1,013.0	850.9
4/23/2024	24.00	41.9	1,407.6	2,026,993.0	1,720,702.2	849,310.1	1,013.0	860.4
4/24/2024	23.67	41.9	1,501.0	2,131,375.0	1,809,311.4	893,046.1	1,013.0	904.7
4/25/2024	24.00	41.9	1,360.4	1,959,004.0	1,662,986.7	820,822.7	1,013.0	831.5
4/26/2024	24.00	41.9	1,345.9	1,938,110.0	1,645,250.0	812,068.1	1,013.0	822.6
4/27/2024	22.90	41.9	1,313.5	1,804,759.0	1,532,049.1	756,194.0	1,013.0	766.0
4/28/2024	24.00	41.9	1,442.2	2,076,772.0	1,762,959.3	870,167.5	1,013.0	881.5
4/29/2024	24.00	41.9	1,348.7	1,942,170.0	1,648,696.5	813,769.2	1,013.0	824.3
4/30/2024	24.00	41.9	1,335.0	1,922,339.0	1,631,862.0	805,460.0	1,013.0	815.9
<b>Totals/ Average:</b>	<b>702.50</b>	<b>41.9</b>	<b>1,535.3</b>	<b>64,677,548.0</b>	<b>54,904,382.4</b>	<b>27,099,892.6</b>	<b>1,013.0</b>	<b>27,452.2</b>
							<b>Maximum:</b>	<b>1,308.5</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 Source Test.

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-7 Flare Heat Input Rate**

MONTH: May-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
5/1/2024	24.00	41.9	1,383.6	1,992,359.0	1,691,301.6	834,798.4	1,013.0	845.7
5/2/2024	24.00	41.9	1,414.8	2,037,281.0	1,729,435.6	853,620.7	1,013.0	864.7
5/3/2024	24.00	41.9	1,451.8	2,090,639.0	1,774,730.9	875,977.7	1,013.0	887.4
5/4/2024	24.00	41.9	1,395.0	2,008,774.0	1,705,236.2	841,676.3	1,013.0	852.6
5/5/2024	24.00	41.9	1,366.3	1,967,492.0	1,670,192.2	824,379.1	1,013.0	835.1
5/6/2024	15.83	41.9	1,445.1	1,372,844.0	1,165,399.0	575,221.6	1,013.0	582.7
5/7/2024	16.37	41.9	1,405.5	1,380,184.0	1,171,629.9	578,297.1	1,013.0	585.8
5/8/2024	23.73	41.9	1,512.1	2,153,263.0	1,827,892.0	902,217.2	1,013.0	913.9
5/9/2024	24.00	41.9	1,547.0	2,227,682.0	1,891,065.9	933,398.8	1,013.0	945.5
5/10/2024	24.00	41.9	1,378.5	1,984,985.0	1,685,041.9	831,708.7	1,013.0	842.5
5/11/2024	24.00	41.9	1,341.3	1,931,404.0	1,639,557.3	809,258.3	1,013.0	819.8
5/12/2024	24.00	41.9	1,397.4	2,012,258.0	1,708,193.7	843,136.1	1,013.0	854.1
5/13/2024	17.60	41.9	1,313.7	1,387,309.0	1,177,678.3	581,282.5	1,013.0	588.8
5/14/2024	16.37	41.9	1,308.2	1,284,666.0	1,090,545.3	538,275.1	1,013.0	545.3
5/15/2024	19.20	41.9	1,350.7	1,555,997.0	1,320,876.5	651,962.7	1,013.0	660.4
5/16/2024	10.47	41.9	1,281.0	804,464.0	682,904.7	337,070.4	1,013.0	341.5
5/17/2024	11.83	41.9	1,763.3	1,251,947.0	1,062,770.3	524,565.8	1,013.0	531.4
5/18/2024	8.13	41.9	1,512.3	738,003.0	626,486.3	309,223.3	1,013.0	313.2
5/19/2024	24.00	41.9	1,411.0	2,031,772.0	1,724,759.1	851,312.5	1,013.0	862.4
5/20/2024	16.40	41.9	1,331.3	1,309,979.0	1,112,033.3	548,881.2	1,013.0	556.0
5/21/2024	22.53	41.9	1,534.1	2,074,164.0	1,760,745.4	869,074.7	1,013.0	880.4
5/22/2024	23.60	41.9	1,804.9	2,555,705.0	2,169,522.6	1,070,840.4	1,013.0	<b>1,084.8</b>
5/23/2024	22.73	41.9	1,410.7	1,924,184.0	1,633,428.3	806,233.1	1,013.0	816.7
5/24/2024	24.00	41.9	1,375.8	1,981,099.0	1,681,743.1	830,080.5	1,013.0	840.9
5/25/2024	16.57	41.9	1,370.8	1,362,540.0	1,156,652.0	570,904.3	1,013.0	578.3
5/26/2024	24.00	41.9	1,439.0	2,072,156.0	1,759,040.8	868,233.4	1,013.0	879.5
5/27/2024	24.00	41.9	1,349.8	1,943,771.0	1,650,055.5	814,440.0	1,013.0	825.0
5/28/2024	24.00	41.9	1,298.9	1,870,434.0	1,587,800.2	783,711.8	1,013.0	793.9
5/29/2024	22.87	41.9	1,414.0	1,939,997.0	1,646,851.8	812,858.7	1,013.0	823.4
5/30/2024	15.80	41.9	1,387.8	1,315,608.0	1,116,811.7	551,239.8	1,013.0	558.4
5/31/2024	24.00	41.9	1,367.9	1,969,748.0	1,672,107.3	825,324.4	1,013.0	836.1
<b>Totals/ Average:</b>	<b>640.03</b>	<b>41.9</b>	<b>1,421.4</b>	<b>54,532,708.0</b>	<b>46,292,488.6</b>	<b>22,849,204.7</b>	<b>1,013.0</b>	<b>23,146.2</b>
							<b>Maximum:</b>	<b>1,084.8</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 Source Test.

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-7 Flare Heat Input Rate**

MONTH: June-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
6/1/2024	18.20	41.9	1,286.7	1,405,075.0	1,192,759.7	588,726.4	1,013.0	596.4
6/2/2024	12.43	41.9	1,336.3	996,897.0	846,259.9	417,699.8	1,013.0	423.1
6/3/2024	14.87	41.9	1,352.6	1,206,540.0	1,024,224.6	505,540.3	1,013.0	512.1
6/4/2024	24.00	41.9	1,525.3	2,196,481.0	1,864,579.5	920,325.5	1,013.0	932.3
6/5/2024	22.23	41.9	1,447.5	1,930,989.0	1,639,205.0	809,084.4	1,013.0	819.6
6/6/2024	24.00	41.9	1,339.1	1,928,321.0	1,636,940.1	807,966.5	1,013.0	818.5
6/7/2024	19.30	41.9	1,296.5	1,501,401.0	1,274,530.3	629,087.0	1,013.0	637.3
6/8/2024	11.23	41.9	1,361.2	917,435.0	778,805.1	384,405.3	1,013.0	389.4
6/9/2024	19.17	41.9	1,379.8	1,586,736.0	1,346,970.7	664,842.4	1,013.0	673.5
6/10/2024	16.07	41.9	1,346.3	1,297,877.0	1,101,760.0	543,810.5	1,013.0	550.9
6/11/2024	17.13	41.9	1,403.8	1,443,069.0	1,225,012.6	604,645.9	1,013.0	612.5
6/12/2024	12.47	41.9	1,362.1	1,018,839.0	864,886.3	426,893.5	1,013.0	432.4
6/13/2024	16.97	41.9	1,432.5	1,458,276.0	1,237,921.7	611,017.6	1,013.0	619.0
6/14/2024	20.30	41.9	1,939.0	2,361,701.0	2,004,833.8	989,552.7	1,013.0	1,002.4
6/15/2024	24.00	41.9	1,977.4	2,847,436.0	2,417,171.3	1,193,075.7	1,013.0	<b>1,208.6</b>
6/16/2024	23.20	41.9	2,007.6	2,794,568.0	2,372,292.0	1,170,924.0	1,013.0	1,186.1
6/17/2024	24.00	41.9	1,867.4	2,689,013.0	2,282,687.0	1,126,696.4	1,013.0	1,141.3
6/18/2024	23.07	41.9	1,727.4	2,390,658.0	2,029,415.2	1,001,685.7	1,013.0	1,014.7
6/19/2024	21.33	41.9	1,754.8	2,246,205.0	1,906,789.9	941,159.9	1,013.0	953.4
6/20/2024	17.57	41.9	1,851.2	1,951,143.0	1,656,313.6	817,528.9	1,013.0	828.2
6/21/2024	24.00	41.9	1,632.1	2,350,181.0	1,995,054.5	984,725.8	1,013.0	997.5
6/22/2024	24.00	41.9	1,542.2	2,220,704.0	1,885,142.3	930,475.0	1,013.0	942.6
6/23/2024	24.00	41.9	1,588.9	2,288,046.0	1,942,308.5	958,691.3	1,013.0	971.2
6/24/2024	24.00	41.9	1,557.6	2,242,993.0	1,904,063.3	939,814.1	1,013.0	952.0
6/25/2024	24.00	41.9	1,672.6	2,408,498.0	2,044,559.5	1,009,160.7	1,013.0	1,022.3
6/26/2024	23.90	41.9	1,601.4	2,296,378.0	1,949,381.5	962,182.4	1,013.0	974.7
6/27/2024	22.43	41.9	1,627.8	2,191,086.0	1,859,999.8	918,065.0	1,013.0	930.0
6/28/2024	24.00	41.9	1,618.9	2,331,162.0	1,978,909.4	976,756.9	1,013.0	989.5
6/29/2024	24.00	41.9	1,602.5	2,307,670.0	1,958,967.2	966,913.7	1,013.0	979.5
6/30/2024	24.00	41.9	1,719.2	2,475,657.0	2,101,570.4	1,037,300.3	1,013.0	1,050.8
<b>Totals/ Average:</b>	<b>619.87</b>	<b>41.9</b>	<b>1,571.9</b>	<b>59,281,035.0</b>	<b>50,323,314.9</b>	<b>24,838,753.7</b>	<b>1,013.0</b>	<b>25,161.7</b>
							<b>Maximum:</b>	<b>1,208.6</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 Source Test.

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-7 Flare Heat Input Rate**

MONTH: July-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
7/1/2024	23.10	41.9	1,603.9	2,222,995.0	1,887,087.1	931,434.9	1,013.0	943.5
7/2/2024	22.50	41.9	1,475.0	1,991,310.0	1,690,411.1	834,358.9	1,013.0	845.2
7/3/2024	24.00	41.9	1,425.4	2,052,641.0	1,742,474.6	860,056.6	1,013.0	871.2
7/4/2024	24.00	41.9	1,474.6	2,123,388.0	1,802,531.3	889,699.6	1,013.0	901.3
7/5/2024	24.00	41.9	1,431.1	2,060,839.0	1,749,433.9	863,491.5	1,013.0	874.7
7/6/2024	24.00	41.9	1,344.6	1,936,261.0	1,643,680.3	811,293.4	1,013.0	821.8
7/7/2024	24.00	41.9	1,321.2	1,902,496.0	1,615,017.4	797,145.8	1,013.0	807.5
7/8/2024	11.70	41.9	1,382.2	970,283.0	823,667.4	406,548.6	1,013.0	411.8
7/9/2024	3.27	41.9	1,359.0	266,359.0	226,110.6	111,604.4	1,013.0	113.1
7/10/2024	17.23	41.9	1,625.7	1,680,945.0	1,426,944.1	704,316.0	1,013.0	713.5
7/11/2024	18.67	41.9	1,655.5	1,854,213.0	1,574,030.3	776,915.2	1,013.0	787.0
7/12/2024	12.77	41.9	1,712.9	1,312,078.0	1,113,815.1	549,760.7	1,013.0	556.9
7/13/2024	24.00	41.9	1,434.2	2,065,271.0	1,753,196.2	865,348.5	1,013.0	876.6
7/14/2024	18.60	41.9	1,359.1	1,516,759.0	1,287,567.6	635,522.0	1,013.0	643.8
7/15/2024	23.90	41.9	1,410.9	2,023,222.0	1,717,501.0	847,730.0	1,013.0	858.8
7/16/2024	19.17	41.9	1,356.2	1,559,634.0	1,323,963.9	653,486.6	1,013.0	662.0
7/17/2024	14.37	41.9	1,352.5	1,165,838.0	989,672.9	488,486.1	1,013.0	494.8
7/18/2024	21.00	41.9	1,313.3	1,654,808.0	1,404,756.6	693,364.6	1,013.0	702.4
7/19/2024	15.63	41.9	1,602.3	1,502,937.0	1,275,834.2	629,730.6	1,013.0	637.9
7/20/2024	21.87	41.9	1,316.9	1,727,791.0	1,466,711.4	723,944.4	1,013.0	733.4
7/21/2024	11.77	41.9	1,335.1	942,582.0	800,152.2	394,941.9	1,013.0	400.1
7/22/2024	17.23	41.9	1,777.5	1,837,959.0	1,560,232.4	770,104.8	1,013.0	780.1
7/23/2024	21.07	41.9	1,699.6	2,148,291.0	1,823,671.3	900,133.9	1,013.0	911.8
7/24/2024	18.60	41.9	1,433.4	1,599,680.0	1,357,958.8	670,265.9	1,013.0	679.0
7/25/2024	16.70	41.9	1,532.1	1,535,130.0	1,303,162.6	643,219.5	1,013.0	651.6
7/26/2024	5.63	41.9	1,281.8	433,247.0	367,780.8	181,530.5	1,013.0	183.9
7/27/2024	0.83	41.9	1,267.7	63,386.0	53,808.0	26,558.7	1,013.0	26.9
7/28/2024	0.00	41.9	0.0	0.0	0.0	0.0	1,013.0	0.0
7/29/2024	16.70	41.9	1,575.9	1,579,101.0	1,340,489.4	661,643.3	1,013.0	670.2
7/30/2024	22.93	41.9	1,627.3	2,239,196.0	1,900,840.0	938,223.1	1,013.0	950.4
7/31/2024	24.00	41.9	1,581.9	2,277,873.0	1,933,672.7	954,428.8	1,013.0	<b>966.8</b>
<b>Totals/ Average:</b>	<b>543.23</b>	<b>41.9</b>	<b>1,469.0</b>	<b>48,246,513.0</b>	<b>40,956,175.4</b>	<b>20,215,288.9</b>	<b>1,013.0</b>	<b>20,478.1</b>
							<b>Maximum:</b>	<b>966.8</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 Source Test.

scfm= standard cubic feet per minute

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-7 Flare Heat Input Rate**

MONTH: August-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
8/1/2024	12.43	41.9	1,462.1	1,090,714.0	925,900.6	457,009.2	1,013.0	463.0
8/2/2024	5.20	41.9	1,313.6	409,835.0	347,906.5	171,720.9	1,013.0	174.0
8/3/2024	15.33	41.9	1,446.2	1,330,534.0	1,129,482.3	557,493.7	1,013.0	564.7
8/4/2024	13.27	41.9	1,302.5	1,036,791.0	880,125.7	434,415.4	1,013.0	440.1
8/5/2024	12.23	41.9	1,337.0	981,381.0	833,088.4	411,198.6	1,013.0	416.5
8/6/2024	13.07	41.9	1,352.8	1,060,573.0	900,314.1	444,380.1	1,013.0	450.2
8/7/2024	15.63	41.9	1,374.4	1,289,233.0	1,094,422.2	540,188.6	1,013.0	547.2
8/8/2024	20.60	41.9	1,559.3	1,927,269.0	1,636,047.1	807,525.7	1,013.0	818.0
8/9/2024	24.00	41.9	1,588.3	2,287,214.0	1,941,602.2	958,342.7	1,013.0	970.8
8/10/2024	24.00	41.9	1,606.2	2,312,989.0	1,963,482.5	969,142.4	1,013.0	<b>981.7</b>
8/11/2024	22.07	41.9	1,548.1	2,049,663.0	1,739,946.6	858,808.8	1,013.0	870.0
8/12/2024	19.27	41.9	1,372.1	1,586,090.0	1,346,422.3	664,571.7	1,013.0	673.2
8/13/2024	12.23	41.9	1,324.8	972,382.0	825,449.2	407,428.1	1,013.0	412.7
8/14/2024	16.67	41.9	1,572.8	1,572,808.0	1,335,147.3	659,006.6	1,013.0	667.6
8/15/2024	21.03	41.9	1,521.6	1,920,287.0	1,630,120.1	804,600.3	1,013.0	815.1
8/16/2024	22.73	41.9	1,362.1	1,857,971.0	1,577,220.4	778,489.8	1,013.0	788.6
8/17/2024	2.80	41.9	1,287.5	216,301.0	183,616.6	90,630.1	1,013.0	91.8
8/18/2024	1.63	41.9	1,281.8	125,621.0	106,638.9	52,635.2	1,013.0	53.3
8/19/2024	16.90	41.9	1,476.9	1,497,529.0	1,271,243.4	627,464.7	1,013.0	635.6
8/20/2024	16.77	41.9	1,424.2	1,432,713.0	1,216,221.5	600,306.7	1,013.0	608.1
8/21/2024	21.33	41.9	1,474.4	1,887,206.0	1,602,037.9	790,739.3	1,013.0	801.0
8/22/2024	7.70	41.9	1,291.3	596,595.0	506,445.9	249,973.3	1,013.0	253.2
8/23/2024	11.33	41.9	1,288.7	876,327.0	743,908.7	367,181.0	1,013.0	372.0
8/24/2024	1.93	41.9	1,289.8	149,616.0	127,008.1	62,689.1	1,013.0	63.5
8/25/2024	14.13	41.9	1,423.3	1,206,984.0	1,024,601.5	505,726.3	1,013.0	512.3
8/26/2024	24.00	41.9	1,434.2	2,065,262.0	1,753,188.5	865,344.8	1,013.0	876.6
8/27/2024	7.77	41.9	1,575.4	734,132.0	623,200.3	307,601.3	1,013.0	311.6
8/28/2024	0.00	43.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/29/2024	11.93	43.1	1,545.5	1,106,564.0	965,361.6	476,486.5	1,013.0	482.7
8/30/2024	16.10	43.1	1,407.1	1,359,221.0	1,185,778.4	585,280.6	1,013.0	592.9
8/31/2024	9.00	43.1	1,681.9	908,209.0	792,317.5	391,074.8	1,013.0	396.2
<b>Totals/ Average:</b>	<b>433.10</b>	<b>42.0</b>	<b>1,430.9</b>	<b>37,848,014.0</b>	<b>32,208,246.3</b>	<b>15,897,456.2</b>	<b>1,013.0</b>	<b>16,104.1</b>
							<b>Maximum:</b>	<b>981.7</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 41.9 percent was determined from the July 21, 2023 Source Test. CH<sub>4</sub> content of 43.1 was determined from the July 16, 2024, Source Test submitted to the BAAQMD on August 28, 2024.

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: September-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
9/1/2024	11.93	43.1	1,787.7	1,279,988.0	1,116,655.9	551,162.8	1,013.0	558.3
9/2/2024	19.63	43.1	1,710.8	2,015,343.0	1,758,176.4	867,806.7	1,013.0	879.1
9/3/2024	22.03	43.1	1,674.7	2,213,976.0	1,931,462.9	953,338.1	1,013.0	965.7
9/4/2024	22.97	43.1	1,443.7	1,989,473.0	1,735,607.5	856,667.1	1,013.0	867.8
9/5/2024	20.73	43.1	1,302.8	1,620,626.0	1,413,827.0	697,841.6	1,013.0	706.9
9/6/2024	11.27	43.1	1,340.0	905,842.0	790,252.6	390,055.6	1,013.0	395.1
9/7/2024	12.17	43.1	1,486.5	1,085,178.0	946,704.5	467,277.6	1,013.0	473.4
9/8/2024	22.57	43.1	1,906.1	2,580,846.0	2,251,518.7	1,111,312.3	1,013.0	<b>1,125.8</b>
9/9/2024	16.53	43.1	1,742.3	1,728,323.0	1,507,781.4	744,215.9	1,013.0	753.9
9/10/2024	24.00	43.1	1,620.5	2,333,587.0	2,035,811.0	1,004,842.6	1,013.0	1,017.9
9/11/2024	24.00	43.1	1,633.8	2,352,691.0	2,052,477.3	1,013,068.7	1,013.0	1,026.2
9/12/2024	24.00	43.1	1,550.0	2,232,014.0	1,947,199.2	961,105.2	1,013.0	973.6
9/13/2024	24.00	43.1	1,449.4	2,087,164.0	1,820,832.7	898,732.8	1,013.0	910.4
9/14/2024	24.00	43.1	1,338.3	1,927,083.0	1,681,178.7	829,801.9	1,013.0	840.6
9/15/2024	19.07	43.1	1,349.5	1,543,856.0	1,346,853.2	664,784.4	1,013.0	673.4
9/16/2024	14.83	43.1	1,317.2	1,172,349.0	1,022,752.1	504,813.5	1,013.0	511.4
9/17/2024	16.87	43.1	1,620.8	1,640,242.0	1,430,939.9	706,288.2	1,013.0	715.5
9/18/2024	15.90	43.1	1,337.5	1,276,009.0	1,113,184.6	549,449.5	1,013.0	556.6
9/19/2024	16.23	43.1	1,613.2	1,571,273.0	1,370,771.7	676,590.2	1,013.0	685.4
9/20/2024	23.30	43.1	1,673.8	2,339,986.0	2,041,393.5	1,007,598.0	1,013.0	1,020.7
9/21/2024	19.60	43.1	1,618.7	1,903,573.0	1,660,668.7	819,678.5	1,013.0	830.3
9/22/2024	15.07	43.1	1,497.1	1,353,405.0	1,180,704.6	582,776.2	1,013.0	590.4
9/23/2024	16.13	43.1	1,692.8	1,638,618.0	1,429,523.1	705,588.9	1,013.0	714.8
9/24/2024	19.90	43.1	1,364.8	1,629,518.0	1,421,584.3	701,670.5	1,013.0	710.8
9/25/2024	7.53	43.1	1,346.2	608,497.0	530,850.1	262,018.8	1,013.0	265.4
9/26/2024	18.80	43.1	1,466.5	1,654,222.0	1,443,136.0	712,308.0	1,013.0	721.6
9/27/2024	19.80	43.1	1,534.5	1,823,000.0	1,590,377.2	784,983.8	1,013.0	795.2
9/28/2024	9.43	43.1	1,340.9	758,946.0	662,101.2	326,802.1	1,013.0	331.1
9/29/2024	11.33	43.1	1,369.7	931,378.0	812,530.1	401,051.4	1,013.0	406.3
9/30/2024	13.23	43.1	1,563.8	1,241,689.0	1,083,244.0	534,671.3	1,013.0	541.6
<b>Totals/ Average:</b>	<b>536.87</b>	<b>43.1</b>	<b>1,529.4</b>	<b>49,438,695.0</b>	<b>43,130,100.0</b>	<b>21,288,302.1</b>	<b>1,013.0</b>	<b>21,565.0</b>
							<b>Maximum:</b>	<b>1,125.8</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 43.1 percent was determined from the July 16, 2024, 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: April-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
4/1/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/2/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/3/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/4/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/5/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/6/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/7/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/8/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/9/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/10/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/11/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/12/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/13/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/14/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/15/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/16/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/17/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/18/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/19/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/20/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/21/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/22/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/23/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/24/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/25/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/26/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/27/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/28/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/29/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/30/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.  
 BTU/scf= British thermal unit per standard cubic feet  
 scf= standard cubic feet  
 scfm= standard cubic feet per minute  
 MMBTU= million British thermal units  
 LFG= landfill gas  
 CH<sub>4</sub>= methane  
 %= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-8 Flare Heat Input Rate**

MONTH: May-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
5/1/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/2/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/3/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/4/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/5/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/6/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/7/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/8/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/9/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/10/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/11/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/12/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/13/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/14/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/15/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/16/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/17/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/18/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/19/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/20/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/21/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/22/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/23/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/24/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/25/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/26/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/27/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/28/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/29/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/30/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/31/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

scfm= standard cubic feet per minute

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-8 Flare Heat Input Rate**

MONTH: June-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
6/1/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/2/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/3/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/4/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/5/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/6/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/7/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/8/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/9/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/10/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/11/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/12/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/13/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/14/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/15/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/16/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/17/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/18/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/19/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/20/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/21/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/22/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/23/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/24/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/25/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/26/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/27/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/28/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/29/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/30/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.  
 BTU/scf= British thermal unit per standard cubic feet  
 scf= standard cubic feet  
 scfm= standard cubic feet per minute  
 MMBTU= million British thermal units  
 LFG= landfill gas  
 CH<sub>4</sub>= methane  
 %= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-8 Flare Heat Input Rate**

MONTH: July-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
7/1/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/2/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/3/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/4/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/5/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/6/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/7/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/8/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/9/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/10/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/11/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/12/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/13/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/14/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/15/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/16/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/17/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/18/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/19/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/20/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/21/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/22/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/23/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/24/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/25/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/26/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/27/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/28/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/29/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/30/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/31/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

scfm= standard cubic feet per minute

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-8 Flare Heat Input Rate**

MONTH: August-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
8/1/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/2/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/3/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/4/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/5/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/6/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/7/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/8/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/9/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/10/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/11/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/12/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/13/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/14/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/15/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/16/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/17/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/18/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/19/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/20/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/21/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/22/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/23/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/24/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/25/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/26/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/27/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/28/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/29/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/30/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/31/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

scfm= standard cubic feet per minute

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-8 Flare Heat Input Rate**

MONTH: September-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
9/1/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/2/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/3/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/4/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/5/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/6/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/7/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/8/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/9/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/10/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/11/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/12/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/13/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/14/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/15/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/16/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/17/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/18/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/19/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/20/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/21/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/22/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/23/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/24/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/25/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/26/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/27/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/28/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/29/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/30/2024	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>0.00</b>	<b>44.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,013.0</b>	<b>0.0</b>
							<b>Maximum:</b>	<b>0.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 44.1 percent (determined from the September 13, 2016 Source Test.

BTU/scf= British thermal unit per standard cubic feet

scf= standard cubic feet

scfm= standard cubic feet per minute

MMBTU= million British thermal units

LFG= landfill gas

CH<sub>4</sub>= methane

%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-9 Flare Heat Input Rate**

MONTH: April-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
4/1/2024	24.00	50.2	1,955.6	2,816,094.0	2,864,114.0	1,413,679.2	1,013.0	1,432.1
4/2/2024	18.97	50.2	2,022.7	2,301,848.0	2,341,099.1	1,155,527.7	1,013.0	1,170.5
4/3/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/4/2024	0.50	50.2	1,832.6	54,977.0	55,914.5	27,598.5	1,013.0	28.0
4/5/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/6/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/7/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/8/2024	0.53	50.2	1,754.6	56,148.0	57,105.4	28,186.3	1,013.0	28.6
4/9/2024	0.97	50.2	1,781.9	103,353.0	105,115.4	51,883.2	1,013.0	52.6
4/10/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/11/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/12/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/13/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/14/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/15/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/16/2024	12.57	50.2	1,842.4	1,389,139.0	1,412,826.6	697,347.8	1,013.0	706.4
4/17/2024	24.00	50.2	1,925.4	2,772,590.0	2,819,868.2	1,391,840.2	1,013.0	1,409.9
4/18/2024	24.00	50.2	2,038.3	2,935,139.0	2,985,189.0	1,473,439.8	1,013.0	<b>1,492.6</b>
4/19/2024	0.87	50.2	2,028.6	105,485.0	107,283.7	52,953.5	1,013.0	53.6
4/20/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/21/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/22/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/23/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/24/2024	0.73	50.2	957.3	42,123.0	42,841.3	21,145.7	1,013.0	21.4
4/25/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/26/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/27/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/28/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/29/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
4/30/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>107.13</b>	<b>50.2</b>	<b>1,813.9</b>	<b>12,576,896.0</b>	<b>12,791,357.2</b>	<b>6,313,601.8</b>	<b>1,013.0</b>	<b>6,395.7</b>
							<b>Maximum:</b>	<b>1,492.6</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 Source Test.  
scfm= standard cubic feet per minute  
BTU/scf= British thermal unit per standard cubic feet  
scf= standard cubic feet  
MMBTU= million British thermal units  
LFG= landfill gas  
CH<sub>4</sub>= methane  
%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-9 Flare Heat Input Rate**

MONTH: May-2024

Date	Runtime (hours) <sup>2</sup>	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
5/1/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/2/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/3/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/4/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/5/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/6/2024	0.77	50.2	1,835.0	84,412.0	85,851.4	42,374.8	1,013.0	42.9
5/7/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/8/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/9/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/10/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/11/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/12/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/13/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/14/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/15/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/16/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/17/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/18/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/19/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/20/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/21/2024	4.07	50.2	1,817.6	443,500.0	451,062.6	222,637.0	1,013.0	225.5
5/22/2024	9.37	50.2	1,833.7	1,030,514.0	1,048,086.3	517,318.0	1,013.0	<b>524.0</b>
5/23/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/24/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/25/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/26/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/27/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/28/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/29/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/30/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
5/31/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>14.20</b>	<b>50.2</b>	<b>1,828.8</b>	<b>1,558,426.0</b>	<b>1,585,000.3</b>	<b>782,329.9</b>	<b>1,013.0</b>	<b>792.5</b>
							<b>Maximum:</b>	<b>524.0</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 Source Test.  
scfm= standard cubic feet per minute  
BTU/scf= British thermal unit per standard cubic feet  
scf= standard cubic feet  
MMBTU= million British thermal units  
LFG= landfill gas  
CH<sub>4</sub>= methane  
%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-9 Flare Heat Input Rate**

MONTH: June-2024

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
6/1/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/2/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/3/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/4/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/5/2024	0.67	50.2	2,040.1	81,602.0	82,993.5	40,964.2	1,013.0	41.5
6/6/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/7/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/8/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/9/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/10/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/11/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/12/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/13/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/14/2024	14.60	50.2	1,875.0	1,642,474.0	1,670,481.5	824,521.9	1,013.0	835.2
6/15/2024	24.00	50.2	2,032.0	2,926,043.0	2,975,937.9	1,468,873.6	1,013.0	1,488.0
6/16/2024	17.23	50.2	2,030.0	2,099,002.0	2,134,794.2	1,053,699.0	1,013.0	1,067.4
6/17/2024	2.57	50.2	1,743.0	268,421.0	272,998.1	134,747.3	1,013.0	136.5
6/18/2024	1.53	50.2	2,035.3	187,245.0	190,437.9	93,997.0	1,013.0	95.2
6/19/2024	0.93	50.2	2,047.3	114,648.0	116,603.0	57,553.3	1,013.0	58.3
6/20/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/21/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/22/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/23/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/24/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/25/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/26/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/27/2024	0.57	50.2	1,450.9	49,329.0	50,170.2	24,763.2	1,013.0	25.1
6/28/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/29/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
6/30/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>62.10</b>	<b>50.2</b>	<b>1,906.7</b>	<b>7,368,764.0</b>	<b>7,494,416.2</b>	<b>3,699,119.5</b>	<b>1,013.0</b>	<b>3,747.2</b>
							<b>Maximum:</b>	<b>1,488.0</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 Source Test.  
scfm= standard cubic feet per minute  
BTU/scf= British thermal unit per standard cubic feet  
scf= standard cubic feet  
MMBTU= million British thermal units  
LFG= landfill gas  
CH<sub>4</sub>= methane  
%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-9 Flare Heat Input Rate**

MONTH: July-2024

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
7/1/2024	1.43	50.2	1,786.6	153,648.0	156,268.0	77,131.3	1,013.0	78.1
7/2/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/3/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/4/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/5/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/6/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/7/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/8/2024	1.10	50.2	1,335.3	88,133.0	89,635.8	44,242.8	1,013.0	44.8
7/9/2024	4.70	50.2	1,404.1	395,966.0	402,718.0	198,774.9	1,013.0	201.4
7/10/2024	1.57	50.2	1,810.6	170,195.0	173,097.2	85,437.9	1,013.0	86.5
7/11/2024	5.33	50.2	1,758.6	562,754.0	572,350.1	282,502.5	1,013.0	286.2
7/12/2024	13.60	50.2	1,784.6	1,456,258.0	1,481,090.1	731,041.5	1,013.0	740.5
7/13/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/14/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/15/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/16/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/17/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/18/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/19/2024	0.70	50.2	1,990.2	83,589.0	85,014.4	41,961.7	1,013.0	42.5
7/20/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/21/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/22/2024	16.07	50.2	1,638.7	1,579,741.0	1,606,678.7	793,030.0	1,013.0	803.3
7/23/2024	17.37	50.2	1,808.1	1,884,034.0	1,916,160.5	945,785.1	1,013.0	<b>958.1</b>
7/24/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/25/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/26/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/27/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/28/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/29/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
7/30/2024	0.43	50.2	1,237.2	32,166.0	32,714.5	16,147.3	1,013.0	16.4
7/31/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>62.30</b>	<b>50.2</b>	<b>1,655.4</b>	<b>6,406,484.0</b>	<b>6,515,727.4</b>	<b>3,216,055.0</b>	<b>1,013.0</b>	<b>3,257.9</b>
							<b>Maximum:</b>	<b>958.1</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 Source Test.  
scfm= standard cubic feet per minute  
BTU/scf= British thermal unit per standard cubic feet  
scf= standard cubic feet  
MMBTU= million British thermal units  
LFG= landfill gas  
CH<sub>4</sub>= methane  
%= percent

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**A-9 Flare Heat Input Rate**

MONTH: August-2024

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
8/1/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/2/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/3/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/4/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/5/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/6/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/7/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/8/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/9/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/10/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/11/2024	0.53	50.2	1,806.7	57,814.0	58,799.8	29,022.6	1,013.0	29.4
8/12/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/13/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/14/2024	0.00	50.2	0.0	0.0	0.0	0.0	1,013.0	0.0
8/15/2024	1.73	50.2	1,626.3	169,135.0	172,019.1	84,905.8	1,013.0	86.0
8/16/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
8/17/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
8/18/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
8/19/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
8/20/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
8/21/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
8/22/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
8/23/2024	0.20	43.7	1,549.3	18,592.0	16,445.6	8,117.3	1,013.0	8.2
8/24/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
8/25/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
8/26/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
8/27/2024	0.33	43.7	1,666.2	33,323.0	29,475.9	14,548.8	1,013.0	14.7
8/28/2024	0.37	43.7	1,859.0	40,897.0	36,175.5	17,855.6	1,013.0	18.1
8/29/2024	0.23	43.7	1,756.0	24,584.0	21,745.8	10,733.4	1,013.0	10.9
8/30/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
8/31/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>3.40</b>	<b>46.8</b>	<b>1,710.6</b>	<b>344,345.0</b>	<b>334,661.8</b>	<b>165,183.5</b>	<b>1,013.0</b>	<b>167.3</b>
							<b>Maximum:</b>	<b>86.0</b>

Notes:

<sup>1</sup>CH<sub>4</sub> content of 50.2 percent determined from the July 20, 2023 Source Test. CH<sub>4</sub> content of 43.7 was determined from the July 9, 2024, Source Test submitted to the BAAQMD on August 16, 2024.

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: September-2024

Date	Runtime (hours)	CH <sub>4</sub> (%) <sup>1</sup>	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH <sub>4</sub>	CH <sub>4</sub> Volume (scf)	Heating Value of CH <sub>4</sub> (BTU/scf)	Heat Input (MMBTU/Day)
9/1/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/2/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/3/2024	3.13	43.7	1,664.8	312,980.0	276,847.0	136,647.1	1,013.0	138.4
9/4/2024	2.63	43.7	1,703.6	269,171.0	238,095.6	117,520.1	1,013.0	119.0
9/5/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/6/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/7/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/8/2024	18.77	43.7	1,857.9	2,092,037.0	1,850,514.7	913,383.4	1,013.0	<b>925.3</b>
9/9/2024	14.23	43.7	2,077.5	1,774,199.0	1,569,370.6	774,615.3	1,013.0	784.7
9/10/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/11/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/12/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/13/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/14/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/15/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/16/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/17/2024	2.37	43.7	1,591.0	225,924.0	199,841.4	98,638.4	1,013.0	99.9
9/18/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/19/2024	13.33	43.7	1,609.4	1,287,498.0	1,138,858.4	562,121.6	1,013.0	569.4
9/20/2024	11.17	43.7	1,621.3	1,086,257.0	960,850.4	474,259.8	1,013.0	480.4
9/21/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/22/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/23/2024	1.63	43.7	1,511.8	148,156.0	131,051.6	64,684.9	1,013.0	65.5
9/24/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/25/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/26/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/27/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/28/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/29/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
9/30/2024	0.00	43.7	0.0	0.0	0.0	0.0	1,013.0	0.0
<b>Totals/ Average:</b>	<b>67.27</b>	<b>43.7</b>	<b>1,704.7</b>	<b>7,196,222.0</b>	<b>6,365,429.7</b>	<b>3,141,870.5</b>	<b>1,013.0</b>	<b>3,182.7</b>
							<b>Maximum:</b>	<b>925.3</b>

Notes:  
<sup>1</sup>CH<sub>4</sub> content of 43.7 percent was determined from the July 9, 2024, 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**

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

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

**STOCKPILE OF GREEN WASTE**

<b>Month</b>	<b>Yard and Green Waste Accepted (Tons)</b>	<b>12-Month Consecutive Total (Tons)*</b>
April-24	0.00	0.00
May-24	0.00	0.00
June-24	0.00	0.00
July-24	0.00	0.00
August-24	0.00	0.00
September-24	0.00	0.00

\*The 12-month consecutive total for each month represents the sum of the monthly green waste accepted calculated using the preceding 12 consecutive months.

\*\*As of March 2020, site accepts green waste but have stopped stockpiling and utilizing green waste as beneficial reuse.

## APPENDIX N

### ANNUAL FLARE SOURCE TESTS

**Brown-Ferris Industries of California, Inc.**

**BAAQMD Plant # 2266**

**Compliance Emissions Test Report #24268**

**Landfill Gas Flare A-7**

Located at:

**Ox Mountain (Los Trancos Canyon) Landfill**

12310 San Mateo Road  
Half Moon Bay, CA 94019

Prepared for:

**Republic Services**

3260 Blume Drive, Suite 200  
Richmond, CA 94806

Attn: Kelly McDonnell  
kmcdonnell@republicservices.com

For Submittal to:

**Bay Area Air Quality Management District**

375 Beale Street, Suite 600  
San Francisco, CA 94105

Attn: Marco Hernandez and Gloria Espena  
mhernandez@baaqmd.gov / gespena@baaqmd.gov  
sourcetest@baaqmd.gov

Testing Performed on:

**July 16, 2024**

Final Report Submitted on:

**August 28, 2024**

Performed and Reported by:

**Blue Sky Environmental, Inc.**

2273 Lobert Street  
Castro Valley, CA 94546

bluesky@blueskyenvironmental.com  
Office (510) 525-1261 / Mobile (810) 923-3181



**Blue Sky Environmental, Inc.**

**2273 Lobert Street**

**Castro Valley, CA 94546**

*Phone (510) 525 1261*

*Cell (810) 923 3181*

*bluesky@blueskyenvironmental.com*

August 28, 2024

Republic Services

Ox Mountain (Los Trancos Canyon) Landfill

12310 San Mateo Road

Half Moon Bay, CA 94019

Attn: Kelly McDonnell

**Subject:** Source emission test report for Landfill Gas Flare A-7 located at Ox Mountain (Los Trancos Canyon) Landfill in Half Moon Bay, California, to determine compliance with Condition 10164 of the Bay Area Air Quality Management District (BAAQMD) Title V Permit for Plant #2266, and BAAQMD Regulation 8, Rule 34.

Flare A-7 – 60 MMBtu/hr industrial landfill gas flare

**Test Date(s):** Testing was performed on July 16, 2024.

**Sampling Location:** Sampling was conducted at the exhaust stack of the flare through 4-inch flange ports that were accessible using a boom lift provided by the facility. Ports were available that met EPA Method 1 minimum criteria of two stack diameters downstream from the nearest disturbance and 0.5 stack diameters from the nearest disturbance or exhaust.

**Sampling Personnel:** Sampling was performed by Jamie Rios and Timothy Eandi representing Blue Sky Environmental, Inc. Matt Bowman of Tetra Tech, Inc. was onsite to operate the flare and ensure that the flare controls and charts were functioning properly.

**Observing Personnel:** BAAQMD was notified of the scheduled testing in a source test plan submitted on June 21, 2024 and revised on July 8, 2024 (NST# 9467). No agency observers from BAAQMD were present during the test program.

**Process Description:** Ox Mountain (Los Trancos Canyon) Landfill is an active multi-material landfill with a gas collection system (S-1) that is abated by two landfill gas flares (A-7 and A-9). The flares are maintained above the permitted minimum temperature of 1,400°F. Landfill gas may also be delivered off-site to the Ameresco Half Moon Bay LLC facility's flare or IC engines.

The flare temperatures and landfill gas fuel flows are continuously recorded by the facility at two minute intervals, and the data for the test period was downloaded and used in this report.

**Test Program:** The test program objective was to demonstrate compliance with emission limits specified in the BAAQMD Title V Permit for Plant #2266. This testing also satisfies requirements of BAAQMD Regulation 8, Rule 34 limits that came into effect on July 1, 2002, and the 99% Destruction Efficiency of Landfill Methane Rule requirement that was finalized in 2010.

Three consecutive 30-minute gaseous emissions tests were performed for nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), oxygen (O<sub>2</sub>), carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) and non-methane hydrocarbons (NMOC) at the exhaust stack of the flare. The sampling system was checked for leaks



before the start of the testing, by plugging the sample probe and observing the sample rotameter flow drop to zero. Analyzer external calibrations were performed before and after each run using EPA protocol certified gas standards. A NO<sub>x</sub> analyzer converter efficiency check was performed before the first test run and found to be greater than 90%.

Concurrent with the exhaust sampling, Blue Sky Environmental collected a total of three LFG samples from the flare for CH<sub>4</sub>, C<sub>2</sub>-C<sub>6+</sub> hydrocarbons, NMOC, CO<sub>2</sub>, O<sub>2</sub>, CO, and N<sub>2</sub> analysis. The samples were collected in 6-liter Silco canisters and analyzed by Atmospheric Analysis and Consulting, Inc. in Ventura, California. Results were used to determine fuel BTU and Fd-factor and calculate destruction/removal efficiencies. The samples were also analyzed to for total reduced sulfur (TRS) compounds by ASTM D5504 and EPA TO-15 volatile organic compounds.

The LFG methane concentration was added to the NMOC results to determine the inlet total hydrocarbons (THC). The THC value was used to calculate the THC destruction efficiency. The LFG flowrate, BTU and F-Factor were used with the flare exhaust %O<sub>2</sub> concentration to determine the emission flowrate using EPA Method 19.

The TRS/H<sub>2</sub>S analysis of the landfill gas was used to calculate the stack SO<sub>2</sub> concentration and emissions rate.

**Sampling and Analysis Methods:** The following U.S. Environmental Protection Agency (EPA) and ASTM sampling and analytical methods were used:

EPA Method 1	Sample and Traverse Point Determination
EPA Method 3A	O <sub>2</sub> and CO <sub>2</sub> , Stack Gas Molecular Weight
EPA Method 7E	NO <sub>x</sub> Emissions and NO <sub>2</sub> Converter Efficiency
EPA Method 10	CO Emissions
EPA Method 25A/ALT-097	CH <sub>4</sub> and NMOC Emissions
EPA Method 19	Calculation of Stack Gas Flow Rate
EPA Method 4	Moisture
EPA Method 25C	NMOC in landfill gas
ASTM D1945/3588	Fuel analysis for BTU and F-Factor
ASTM D5504	Fuel analysis for TRS and H <sub>2</sub> S by GC
EPA Method TO-15	Fuel analysis for VOC Species by GCMS

The sampling and analysis methods are summarized below:

#### **EPA Method 1 – Sample and Velocity Traverses for Stationary Sources**

This method is used to determine the duct or stack area and appropriate traverse points that represent equal areas of the duct for sampling and velocity measurements.

#### **EPA Method 3A – Determination of Oxygen and Carbon Dioxide Concentrations in Emissions from Stationary Sources (Instrumental Analyzer Procedure)**

This method is used to measure oxygen and carbon dioxide in stationary source emissions using a continuous instrumental analyzer to determine the molecular weight of the stack gas. A continuous representative gas sample is extracted from the sampling point and conditioned to remove water and particulate material. A small portion of the sample is passed through a fuel cell type paramagnetic oxygen analyzer which measures the electrical current generated by the oxidation reaction at the gas/fuel cell interface. Carbon dioxide is determined by passing the sample through a non-dispersive infrared analyzer (NDIR) tuned to a frequency at which carbon dioxide absorbs infrared radiation.



### **EPA Method 7E – Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure)**

This method is used to measure nitrogen oxides in stationary source emissions using a continuous instrumental analyzer. A continuous representative gas sample is extracted from the sampling point and conditioned to remove water and particulate material. Nitric oxide is determined by passing the sample through a chemiluminescent analyzer. The chemiluminescent process is based on the light given off when nitric oxide and ozone react. Nitrogen dioxide (NO<sub>2</sub>) concentrations are determined by passing the sample through a catalyst which reduces the NO<sub>2</sub> to NO. The total oxides of nitrogen concentration (NO<sub>2</sub> + NO) is then determined by chemiluminescence.

Section 16.2.2 of the method is used to determine the NO<sub>x</sub> analyzer NO<sub>2</sub> to NO conversion efficiency.

### **EPA Method 10 – Determination of Carbon Monoxide Emissions from Stationary Sources**

This method is used to measure carbon monoxide from integrated or continuous gas samples extracted from a sampling point. A continuous representative gas sample is extracted from the sampling point and conditioned to remove water and particulate material. Carbon monoxide is determined by passing the sample through a non-dispersive infrared analyzer (NDIR) tuned to a frequency at which carbon monoxide absorbs infrared radiation.

EPA Methods 3A, 7E and 10 are all continuous monitoring techniques using instrumental analyzers. Sampling is performed by extracting exhaust flue gas from the stack, conditioning the sample, and analyzing it by continuous monitoring gas analyzers in a continuing emissions monitoring (CEM) test van. The sampling system consists of a stainless steel sample probe, Teflon sample line, glass-fiber particulate filter, and glass moisture-knockout condensers in ice, followed by thermoelectric coolers (optional), Teflon sample transfer tubing, a diaphragm pump, and a stainless steel/Teflon manifold and flow control/delivery system. A constant sample and calibration gas supply pressure of 5 PSI is provided to each analyzer to avoid pressure variable response differences. The entire sampling system is leak checked prior to and at the end of the sampling program.

The sampling and analytical system is checked for linearity with zero, mid (40-60%) and high span (80-100%) calibrations and is checked for system bias at the beginning and end of each run. System bias is determined by introducing calibration gas to the probe and pulling it through the entire sampling system. Individual test run calibrations use the calibration gas that most closely matches the stack gas effluent. All calibrations during testing are performed externally to incorporate any system bias that may exist. Sampling system bias, zero and calibration drift values are determined for each test. EPA Methods 3A, 7E and 10 all defer to EPA Method 7E for the calculations of effluent concentration, span, calibration gas, analyzer calibration error (linearity), sampling system bias, zero drift, calibration drift and response time.

All calibration gases are EPA Protocol #1. The analyzer data recording system consists of a Honeywell DPR3000 strip chart recorder supported by a Data Acquisition System (DAS).

### **EPA Method 4 – Determination of Moisture Content in Stack Gas**

This method is used to determine the moisture content of stack gas. The sample is extracted and condensed in Greenburg-Smith impingers immersed in an ice bath and in a final impinger silica gel trap. The moisture is condensed in a solution of de-ionized water, or solutions of another type of sampling train if the moisture is being determined as part of another sampling method, such as EPA Method 5, SCAQMD Method 201.7 or BAAQMD ST-32. The moisture gain in the impinger solutions and silica gel is determined volumetrically and gravimetrically respectively. QA/QC procedures require that a minimum of 21 cubic feet of sample is pulled using a leak tight pump. The



sample volume is measured with a calibrated dry gas meter. The impingers are immersed in an ice bath to maintain a gas outlet temperature of less than 68°F. Pre-test leak checks are performed for each run using a minimum 15 inches of mercury vacuum. Post-test leak checks are performed at the highest sample vacuum or greater. The leak test is acceptable if the leak rate is less than 0.02 cubic feet per minute or 4% of the average sampling rate, whichever is less. If the final leak check exceeds the criteria, either the volume is corrected based on the leak rate or the run is voided and repeated.

#### **EPA Method 25A/ALT-097 – Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer**

This method is used to measure total hydrocarbons, methane, and non-methane hydrocarbons in stationary source emissions using a gas chromatograph with a flame ionization detector (GC/FID). Heated Teflon sample gas transfer lines are used to provide a continuous sample to the heated GC/FID hydrocarbon analyzer. Heated lines are used to avoid moisture or hydrocarbon condensation.

The sampling and analytical system is checked for linearity with zero, low (25-35%), mid (45-55%), and high (80-90%) span calibrations. All calibrations during testing are performed externally to incorporate any system bias that may exist. Sampling system bias, zero and calibration drift values are determined for each test. All data is corrected according to the method.

#### **EPA Method 25C – Determination of Nonmethane Organic Compounds (NMOC) in Landfill Gas**

This method is used to sample and measure NMOC in landfill gases. The method is written for evacuated tank sampling but is adaptable to Tedlar bag sampling procedures. The sampling equipment consists of a stainless steel or glass lined probe with a short stainless-steel or Teflon transfer line to a Tedlar bag housed in a sealed chamber. The chamber is evacuated by pump at a prescribed rate for the test duration and the Tedlar bag capacity, so the sample is integrated over the test period. The sample is injected into a GC column where the methane and CO<sub>2</sub> are flushed through and removed then the NMOC (ROC) fraction is oxidized to form CO<sub>2</sub> then reduced to methane and analyzed.

#### **EPA Method 19 – Determination of Sulfur Dioxide Removal Efficiency and Particulate Matter, Sulfur Dioxide, and Nitrogen Oxide Emission Rates**

This method is used to determine stack gas volumetric flow rates using oxygen-based F-factors. F-factors are ratios of combustion gas volumes to heat inputs. The heating value of the fuel in Btu per cubic foot is determined from analysis of fuel gas samples using ASTM D1946/1945 gas chromatography analytical procedures. The total cubic feet per hour of fuel multiplied times the Btu/cf provides million Btu per hour (MMBtu) heat input. The heat input in MMBtu/hr is multiplied by the F-factor (DSCF/MMBtu) and adjusted for the measured oxygen content of the source to determine volumetric flow rate. The flow rates are used to determine emission rates.

#### **ASTM D1945 – Analysis of Natural Gas by Gas Chromatography**

This method is used to measure fixed gases (such as oxygen, nitrogen, carbon monoxide, and carbon dioxide) and methane by gas chromatography (GC/TCD). Light hydrocarbons, including C1-C7, are analyzed by GC/FID.



**ASTM D3588 – Standard Practice for Calculating Heat Value, Compressibility Factor, and Relative Density of Gaseous Fuels**

This method uses the molar composition of gaseous fuel determined from Method ASTM D-1945 to calculate the heating value and F-factor.

**ASTM D5504 – Determination of Sulfur Compounds in Natural Gas and Gaseous Fuels by Gas Chromatography and Chemiluminescence**

This method is used for the determination of speciated volatile sulfur-containing compounds in high methane content gaseous fuels by gas chromatography. Sulfur compounds are processed using a flame ionization detector (GC/FID). The products are then analyzed with a sulfur chemiluminescence detector (GC/SCD). Samples may be collected in Tedlar bags and analyzed within 24 hours or in Silco SUMMA canisters and analyzed within 7 days.

**EPA Compendium Method TO-15 – Determination of Toxic Organic Compounds in Ambient Air**

This method is used to measure volatile organic compounds that are included in the hazardous air pollutants (HAPs) listed in Title III of the Clean Air Act Amendments of 1990 by GC/MS (gas chromatography/mass spectroscopy). Samples are collected in pre-evacuated 6-Liter SUMMA canisters with pre-set flow controllers set to integrate over the desired test duration. The SUMMA® passivated canisters allow holding times up to 14 days for the TO-15 Method list of volatile organics. The sample gas is drawn by the canister vacuum through a micro-filter, pre-set orifice flow controller and on/off valve into the canister. The canister vacuum is monitored with a vacuum gauge to verify sample collection. The flow controller consisted of capillary orifice tubing designed to sample for a pre-set duration of 0.75hrs.

**Instrumentation:** The following continuous emissions analyzers were used:

Instrument	Analyte	Principle
TECO Model 42C	NO <sub>x</sub>	Chemiluminescence
TECO Model 48C	CO	GFC/IR
TECO Model 55C	CH <sub>4</sub> /NMOC	Flame Ionization (FID)
Servomex Model 1400	CO <sub>2</sub>	Infrared (IR)
Servomex Model 1400	O <sub>2</sub>	Paramagnetic



**Test Results:** The compliance summary is presented below. Detailed source test emission results are provided in Tables 1-4. All measured test parameters complied with permit limits.

**Compliance Summary – Flare A-7**

Emission Parameter	Average Results	Permit Limits	Compliance Status
NO <sub>x</sub> , ppmvd @ 3% O <sub>2</sub>	26.9	39	In Compliance
NO <sub>x</sub> , lb/MMBtu	0.035	0.052	In Compliance
CO, ppmvd @ 3% O <sub>2</sub>	<4.5	184	In Compliance
CO, lb/MMBtu	<0.004	0.15	In Compliance
NMOC, ppmvd @ 3% O <sub>2</sub> as CH <sub>4</sub>	<2.4	30*	In Compliance
NMOC Destruction Efficiency, %	98.632	>98%*	In Compliance
THC Destruction Efficiency, %	99.9999	>98%	In Compliance
CH <sub>4</sub> Destruction Efficiency, %	99.973	>99%	In Compliance

*\*>98% NMOC destruction efficiency or <30 ppm NMOC @ 3% O<sub>2</sub>*

The appendices are organized as follows:

Calculations

All calculations performed using the continuous emissions monitoring (CEM) data and flow rate calculations.

Laboratory Reports

All laboratory reports and chain of custody documents.

Field Data Sheets

All CEMS data transcribed from the strip charts or computer-generated process data.

Process Data

Flare temperature and landfill gas fuel flow.

Gas Certificates

Certifications for the calibration gas standards.

Equipment Calibrations

Calibration records for equipment used (e.g., S-type pitot tubes, dry gas meters, rotameters).

Stack Diagram

Sketch or photographs of the sampling location and stack configuration.

Sample System Diagram

Schematic of the sampling system configuration.

Permit/Authority to Construct

Facility permits to operate or authority to construct.

Source Test Plan

Sampling protocols submitted to the AQMD/APCD prior to testing.



**Comments:** This source test was performed in accordance with the protocol submitted to BAAQMD. No deviations from the protocol or anomalies were observed during testing. No process interruptions were encountered, and no operational changes were required during the test program. The measured emissions met permit-required limits. Also, as required, a landfill gas sample was analyzed for TAC concentrations using EPA Method TO-15. All constituents were found to be within the limits listed in permit Condition 10164, Part 23.b.

The work performed herein was conducted under my supervision, and I certify that:

- a) the details and results contained within this report are to the best of my knowledge an authentic and accurate representation of the test program,
- b) that the sampling and analytical procedures and data presented in the report is authentic and accurate,
- c) that all testing details and conclusions are accurate and valid, and
- d) that the production rate and/or heat input rate during the source test are reported accurately.

If this report is submitted for compliance purposes, it should only be reproduced in its entirety. If there are any questions concerning this report, please contact Jeramie Richardson at (810) 923-3181.

Prepared by,

Jessica Morris

Reviewed by,

Gabe Lazar

Table #1

Ox Mountain (Los Trancos Canyon Landfill)  
Landfill Gas Flare A-7

Parameter	Run 1	Run 2	Run 3	Average Results	Permit Limits
Test Date	7/16/24	7/16/24	7/16/24		
Test Time	0846-0922	0947-1022	1037-1114		
Standard Temperature, °F	70	70	70		
<b>Process Parameters:</b>					
Flare Temperature, °F	1,624	1,625	1,623	1,624	
<b>Fuel Gas:</b>					
LFG Fuel Flow Rate, SCFM	1,395	1,390	1,409	1,398	
Total Fuel Heat Input, MMBtu/hr	35.4	38.4	35.6	36.5	
Total Reduced Sulfur Compounds as H <sub>2</sub> S, ppm	161	144	163	156	265
Inlet CH <sub>4</sub> , ppmvd	419,000	456,000	417,000	430,667	
Inlet CH <sub>4</sub> , lb/hr	1,451	1,573	1,459	1,494	
Inlet NMOC, ppmvd as CH <sub>4</sub> (EPA Method 25C)	849	893	813	852	
Inlet NMOC, lb/hr as CH <sub>4</sub>	2.94	3.08	2.84	2.96	
Inlet THC, ppm as CH <sub>4</sub>	419,849	456,893	417,813	431,518	
Inlet THC, lb/hr as CH <sub>4</sub>	1,454	1,577	1,461	1,497	
<b>Stack Gas:</b>					
Exhaust Flow Rate, DSCFM (EPA Method 19)	14,690	15,720	14,613	15,007	
Oxygen (O <sub>2</sub> ), % volume dry	13.0	12.9	12.9	12.9	
Carbon Dioxide (CO <sub>2</sub> ), % volume dry	7.1	7.3	7.3	7.2	
Moisture (H <sub>2</sub> O), % volume dry	10.2	7.6	5.7	7.8	
<b>NO<sub>x</sub> Emissions (reported as NO<sub>2</sub>):</b>					
NO <sub>x</sub> , ppmvd	12.0	11.8	12.1	12.0	
NO <sub>x</sub> , ppmvd @ 3% O <sub>2</sub>	27.2	26.3	27.2	26.9	39
NO <sub>x</sub> , lb/hr	1.26	1.32	1.26	1.28	
NO <sub>x</sub> , lb/MMBtu	0.036	0.034	0.036	0.035	0.052
<b>CO Emissions:</b>					
CO, ppmvd	<2.0	<2.0	<2.0	<2.0	
CO, ppmvd @ 3% O <sub>2</sub>	<4.5	<4.5	<4.5	<4.5	184
CO, lb/hr	<0.13	<0.14	<0.13	<0.13	
CO, lb/MMBtu	<0.004	<0.004	<0.004	<0.004	0.15
<b>Sulfur Dioxide (SO<sub>2</sub>) Emissions:</b>					
SO <sub>2</sub> , ppmvd (calculated)	15.29	12.73	15.72	14.58	
SO <sub>2</sub> , lb/hr	2.23	1.99	2.28	2.17	
<b>THC Emissions (reported as CH<sub>4</sub>):</b>					
THC, ppmvd (sum CH <sub>4</sub> + NMOC)	<12.2	<11.9	<11.7	<11.9	
THC, lb/hr	<0.447	<0.465	<0.423	<0.445	
THC Destruction Efficiency, %	99.9999%	99.9999%	99.9999%	99.9999%	98
<b>Methane (CH<sub>4</sub>) Emissions:</b>					
CH <sub>4</sub> , ppm wet (EPA Method 25A)	<10.0	<10.0	<10.0	<10.0	
CH <sub>4</sub> , ppmvd	<11.1	<10.8	<10.6	<10.9	
CH <sub>4</sub> , lb/hr	<0.41	<0.423	<0.385	<0.404	
CH <sub>4</sub> Destruction Efficiency, %	99.972%	99.973%	99.974%	99.973%	> 99%
<b>NMOC Emissions (reported as CH<sub>4</sub>):</b>					
NMOC, ppm wet (EPA Method 25A)	<1.0	<1.0	<1.0	<1.0	
NMOC, ppmvd	<1.1	<1.1	<1.1	<1.1	
NMOC, lb/hr as CH <sub>4</sub>	<0.041	<0.042	<0.038	<0.040	
NMOC, ppm @ 3% O <sub>2</sub>	<2.5	<2.4	<2.4	<2.4	30*
NMOC Destruction Efficiency, %	98.619%	98.629%	98.647%	98.632%	>98%*

\* >98% NMOC destruction efficiency or <30 ppm NMOC @ 3% O<sub>2</sub>

**WHERE,**

ppm = parts per million concentration by volume expressed on a dry gas basis  
 lb/hr = pound per hour emission rate  
 Tstd. = standard temperature (°R = °F+460)  
 MW = molecular weight  
 DSCFM = dry standard cubic foot per minute  
 NO<sub>x</sub> = oxides of nitrogen, reported as NO<sub>2</sub> (MW = 46)  
 CO = carbon monoxide (MW = 28)  
 THC = total hydrocarbons reported as methane (MW = 16)  
 NMOC = non-methane organic compounds, reported as methane  
 SO<sub>2</sub> = sulfur dioxide (MW = 64.1)

**CALCULATIONS,**

PPM @ 15% O<sub>2</sub> = ppm · 5.9 / (20.9 - %O<sub>2</sub>)  
 PPM @ 3% O<sub>2</sub> = ppm · 17.9 / (20.9 - %O<sub>2</sub>)  
 lb/hr = ppm · 8.223 E-05 · DSCFM · MW / Tstd. °R  
 lb/MMBtu = (lb/hr)/(MMBtu/hr)  
 lb/day = lb/hr · 24  
 Destruction Efficiency = (inlet lb/hr- outlet lb/hr) / inlet lb/hr  
 <Value = <2% of Analyzer Range  
 ppm dry = ppm wet · 100 / (100 - %H<sub>2</sub>O)  
 SO<sub>2</sub> emission ppm = H<sub>2</sub>S in fuel \* fuel flow rate / stack gas flow rate  
 NMOC, ppm as hexane = NMOC, ppm as CH<sub>4</sub> / 6

**TABLE #2**

Permit TACs - Conditon 10164 Part 23

**Ox Mountain (Los Trancos Canyon Landfill)  
Landfill Gas Flare A-7**

Compound	Method	Units	Landfill Gas Samples			Average Results	Permit Limits (ppbv)
			1-LFG-Flare (A-7)	2-LFG-Flare (A-7)	3-LFG-Flare (A-7)		
1,1,1-Trichloroethane	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	500
1,1,2,2-Tetrachloroethane	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	50
1,1-Dichloroethane (Ethylidene Dichloride)	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	50
1,1-Dichloroethene (Vinylidene Chloride)	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	500
1,2-Dichloroethane (Ethylene Dichloride)	EPA TO-15	ppb	58.7	74.6	64.0	65.8	400
2-Propanol (IPA)	EPA TO-15	ppb	920	1,130	1,010	1,020	60,000
Acrylonitrile	EPA TO-15	ppb	<45.9	<41.9	<40	<43	100
Carbon Disulfide	EPA TO-15	ppb	<183	<168	<160	<170	500
Carbon Tetrachloride	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	50
Chlorobenzene	EPA TO-15	ppb	45.9	41.9	40.0	42.6	500
Chloroethane (Ethyl Chloride)	EPA TO-15	ppb	79.8	83.0	102.0	88.3	1,000
Chloroform	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	50
1,4-Dichlorobenzene	EPA TO-15	ppb	413	542	435	463	900
Dichloromethane (Methylene Chloride)	EPA TO-15	ppb	<91.7	<83.8	<80.0	<85.2	1,000
Ethyl Benzene	EPA TO-15	ppb	2,550	3,000	2,710	2,753	7,000
1,2 Dibromoethane (Ethylene Dibromide)	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	50
Hexane	EPA TO-15	ppb	254	271	270	265	5,000
2-Butanone (MEK)	EPA TO-15	ppb	3,330	3,950	3,720	3,667	40,000
Tetrachloroethylene (Perchloroethylene)	EPA TO-15	ppb	<45.9	43.6	<40.0	<43.2	600
Trichloroethylene (TCE)	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	400
Toluene	EPA TO-15	ppb	3,260	3,880	3,530	3,557	30,000
Benzene	EPA TO-15	ppb	840	1,060	962	954	3,000
m,p-Xylene	EPA TO-15	ppb	3,390	4,170	3,750	3,770	
o-Xylene	EPA TO-15	ppb	1,320	1,620	1,450	1,463	
Xylenes	EPA TO-15	ppb	4,710	5,790	5,200	5,233	30,000
Vinyl Chloride	EPA TO-15	ppb	<45.9	<41.9	<40.0	<42.6	300

## **APPENDICES**

**Calculations**

**Laboratory Reports**

**Field Data Sheets**

**Process Information**

**Gas Certificates**

**Equipment Calibrations**

**Stack Diagram**

**Sample System Diagram**

**Permit/Authority to Construct**

**Source Test Plan**

## Calculations

Preliminary CEM System QA/QC Summary Sheet

Facility: Ox Mountain (Los Trancos Canyon Landfill)

7/21/23

Location: Landfill Gas Flare A-7

JS/TJE

Parameter	O2	CO2	NOx	CO		Comments
Analyzer	1400	1400	42C	48C		
Instrument Range	25	20	50	150		
Units	%	%	ppm	ppm		
EPA Range (high span)	20.43	18.49	45.07	124.2		
<b>Low Cal Value</b>	0	0	0	0		EPA 20 & 25A only
Cylinder #	-	-	-	-		
<b>Mid Cal Value</b>	10.55	9.48	23.07	85.44		
Cylinder #	EB0166857	EB0166857	EB0155049	EB0067534		
<b>High Cal Value</b>	20.43	18.49	45.07	124.2		
Cylinder #	CC462055	CC462055	EB0048303	CC222156		

LINEARITY

<b>Low Cal (internal)</b>	0.01	-0.03	-0.07	-0.04		zero gas
Abs. Difference	0.01	-0.03	-0.07	-0.04		
% Linearity	<b>0.04</b>	<b>-0.15</b>	<b>-0.14</b>	<b>-0.03</b>		<2%
<b>Mid Cal (internal)</b>	10.47	9.55	23.07	84.39		set at mid
Abs. Difference	-0.08	0.07	0.00	-1.05		
% Linearity	<b>-0.32</b>	<b>0.35</b>	<b>0.00</b>	<b>-0.70</b>		<2%
<b>High Cal (internal)</b>	20.46	18.37	45.15	125.6		
Abs. Difference	0.03	-0.12	0.08	1.36		
% Linearity	<b>0.12</b>	<b>-0.60</b>	<b>0.16</b>	<b>0.91</b>		<2%

Initial SYSTEM BIAS Check

<b>Zero (internal)</b>	0.01	-0.03	-0.07	-0.04		
<b>Zero (external)</b>	-0.11	0.05	-0.09	-0.05		
Abs. Difference	-0.12	0.08	-0.02	-0.01		
Bias, % range	<b>-0.48</b>	<b>0.40</b>	<b>-0.04</b>	<b>-0.01</b>		EPA 20/6C/7E (±5%)
<b>Cal (internal)</b>	10.44	9.55	23.07	84.39		
<b>Cal (external)</b>	10.49	9.47	23.13	84.73		
Abs. Difference	0.05	-0.08	0.06	0.34		
Bias, % range	<b>0.20</b>	<b>-0.40</b>	<b>0.12</b>	<b>0.23</b>		EPA 20/6C/7E (±5%)

System Response Time (secs)

*time from ext. zero to ext. cal, or ext. cal to ext. zero (95% response)*

Zero to Cal	60	60	60	60		
Cal to Zero	60	60	60	60		

NO<sub>2</sub> Converter Test

System Cal. Bias (Limit ± 5%) = 100 · (external cal - internal cal) / span range

% Linearity (Limit ± 2%) = 100 · (cal gas value - internal cal) / span range

% Efficiency (Limit >90%) = 100 · (NO<sub>2</sub> response) / NO<sub>2</sub> cal gas value

NO<sub>2</sub> cal gas value, ppm =

Analyzer NO<sub>x</sub> Response, ppm =

NO<sub>2</sub> Converter Efficiency, % =

NO <sub>2</sub> cal gas value, ppm =	4.053
Analyzer NO <sub>x</sub> Response, ppm =	>3.87
NO <sub>2</sub> Converter Efficiency, % =	>95.5

**BLUE SKY ENVIRONMENTAL, INC**

**CEM Bias Correction Summary**

Facility:	<u>Ox Mountain (Los Trancos Canyon Landfill)</u>	<u>30.01</u>
Unit:	<u>Landfill Gas Flare A-7</u>	<u>OK</u>
Condition:	<u>1,624°F</u>	<u>OK</u>
Date:	<u>7/21/23</u>	<u>JS/TJE</u>

Parameter	O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO		
Analyzer	1400	1400	42C	48C		
Instrument Range	25	20	50	150		r
EPA Span	20.43	18.49	45.07	124.20		
Units	%	%	ppm	ppm		
<b>Span Gas Value</b>	<b>10.44</b>	<b>9.61</b>	<b>23.07</b>	<b>45.01</b>		<b>Ccal Primary</b>
Span Gas Value	20.43	18.49	45.07	124.2		Ccal Secondary

Initial Zero (internal)	0.01	-0.03	-0.07	-0.04		Analyzer Response, Ca
Initial High Cal (internal)	20.46	18.37	45.15	125.56		Analyzer Response, Ca
Initial Mid Cal (internal)	10.47	9.55	23.07	84.39		Analyzer Response, Ca
Initial Cal Run (internal)	10.44	9.55	23.07	84.39		Analyzer Response, Ca

<b>Run 1</b>		-0.11	0.05	-0.09	-0.05		zero (initial), Cib
Test Time:		10.49	9.47	23.13	84.73		cal (initial), Cib
0846-0922		<b>13.08</b>	<b>6.95</b>	<b>12.04</b>	<b>0.27</b>		TEST AVG, Cavg
		-0.09	0.12	0.08	-0.06		zero (final), Cfb
		10.49	9.36	23.16	85.67		cal (final), Cfb
EPA	3%	0.1%	0.4%	0.4%	0.0%		zero drift, % of Span
EPA	3%	0.0%	-0.6%	0.1%	0.8%		cal drift % of Span
EPA	5%	-0.5%	0.8%	0.3%	0.0%		% zero bias
EPA	5%	0.2%	-1.0%	0.2%	1.0%		% cal bias
		<b>13.00</b>	<b>7.07</b>	<b>12.00</b>	<b>0.17</b>		<b>Cgas</b>

<b>Run 2</b>		-0.09	0.12	0.08	-0.06		zero (initial), Cib
Test Time:		10.49	9.36	23.16	85.67		cal (initial), Cib
0947-1022		<b>12.96</b>	<b>7.14</b>	<b>11.84</b>	<b>-0.47</b>		TEST AVG, Cavg
		-0.10	0.04	0.03	-0.63		zero (final), Cfb
		10.50	9.47	23.07	84.55		cal (final), Cfb
EPA	3%	0.0%	-0.4%	-0.1%	-0.5%		zero drift, % of Span
EPA	3%	0.0%	0.6%	-0.2%	-0.9%		cal drift % of Span
EPA	5%	-0.5%	0.4%	0.2%	-0.5%		% zero bias
EPA	5%	0.3%	-0.4%	0.0%	0.1%		% cal bias
		<b>12.87</b>	<b>7.27</b>	<b>11.79</b>	<b>-0.06</b>		<b>Cgas</b>

<b>Run 3</b>		-0.10	0.04	0.03	-0.63		zero (initial), Cib
Test Time:		10.50	9.47	23.07	84.55		cal (initial), Cib
1037-1114		<b>12.98</b>	<b>7.17</b>	<b>12.14</b>	<b>-0.48</b>		TEST AVG, Cavg
		-0.13	0.10	0.00	-0.55		zero (final), Cfb
		10.44	9.45	23.11	84.35		cal (final), Cfb
EPA	3%	-0.1%	0.3%	-0.1%	0.1%		% zero drift
EPA	3%	-0.3%	-0.1%	0.1%	-0.2%		% cal drift
EPA	5%	-0.7%	0.7%	0.2%	-0.4%		% zero bias
EPA	5%	0.0%	-0.5%	0.1%	0.0%		% cal bias
		<b>12.92</b>	<b>7.27</b>	<b>12.12</b>	<b>0.06</b>		<b>Cgas</b>

Pollutant Concentration (Cgas) = (Cavg - Co) · Ccal / (Ccal - Co)

Zero and Calibration Drift = 100 · (Cfb - Cib) / r

Bias = 100 · (Cfb - Ca) / r

Co = (Cib + Cfb) / 2 for zero gas

Cbcal = (Cib + Cfb) / 2 for cal gas

Cib (CARB=Pre-first run) (EPA=Pre-run)

**BLUE SKY ENVIRONMENTAL**

**CEM Correction Summary**

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Condition: 1,624°F  
 Date: 7/21/23

Barometric: 30.01  
 Leak Check: OK  
 Strat. Check: OK  
 Personnel: JS/TJE

Parameter	CH <sub>4</sub>	Linearity	Error	NMOC	Linearity	Error	Comments
Analyzer	55C	55C	55C	55C	55C	55C	
Range	500	500		50	50		
Units	ppm	ppm	%	ppm	ppm	%	
<b>Span High Value</b>	<b>449.6</b>	450.77	0.26	<b>44.28</b>	45.37	2.46	< 5%
Cylinder #	<b>CC245200</b>	-	-	<b>CC245200</b>	-	-	
<b>Span Mid Value</b>	248.0	253.12	2.06	24.735	25.14	1.64	< 5%
Cylinder #	CC21757	-	-	CC21757	-	-	
<b>Span Low Value</b>	150.7	148.16	-1.69	15.303	15.93	4.10	< 5%
Cylinder #	CC734840	-	-	CC734840	-	-	

<b>Run 1</b>		-0.48			0.19		zero (initial), Zi
Test Time:		450.77			45.37		mid cal (initial), Si
0846-0922		<b>-0.51</b>			<b>0.08</b>		TEST AVG
		-0.58			0.20		zero (final), Zf
		448.57			44.51		mid cal (final), Sf
EPA	3%	0.0%			0.0%		zero drift
EPA	3%	-0.5%			-1.9%		cal drift

**CORRECTED AVG**

<b>Run 2</b>		-0.58			0.20		zero (initial), Zi
Test Time:		448.57			44.51		mid cal (initial), Si
0947-1022		<b>-0.55</b>			<b>0.20</b>		TEST AVG
		-0.58			0.20		zero (final), Zf
		446.85			44.59		mid cal (final), Sf
EPA	3%	0.0%			0.0%		zero drift
EPA	3%	-0.4%			0.2%		cal drift

**CORRECTED AVG**

<b>Run 3</b>		-0.58			0.20		zero (initial), Zi
Test Time:		446.85			44.59		mid cal (initial), Si
1037-1114		<b>-0.51</b>			<b>0.20</b>		TEST AVG
		-0.57			0.30		zero (final), Zf
		455.06			45.02		mid cal (final), Sf
EPA	3%	0.0%			0.2%		zero drift
EPA	3%	1.8%			1.0%		cal drift

**CORRECTED AVG**

Zero Drift, % = 100 · (Zf - Zi) / Instrument Range - LIMIT 3%

Span Drift, % = 100 · (Sf - Si) / Instrument Range LIMIT 3%

**Stack Moisture Determination**

**EPA Method 4**

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Condition: 1,624°F  
 Date: 7/21/23

	<b>Run 1</b>	<b>Run 2</b>	<b>Run 3</b>	
Test Time	0845-0915	0945-1015	1037-1107	
Uncorrected Meter Volume (Vm)	21.288	23.552	21.706	ft <sup>3</sup>
Meter Factor (Yd)	0.9583	0.9583	0.9583	
Barometric Pressure (Pb)	30.01	30.01	30.01	"Hg
Meter Pressure (ΔH)	1.7	1.7	1.7	"H <sub>2</sub> O
Meter Temperature (Tm)	95.3	100.7	102.0	°F
Standard Temperature (Tstd)	70	70	70	°F
Impinger H <sub>2</sub> O Gain (Vw imp)	43.9	35.7	17.3	g
Silica Gel Wt. Gain (Vw sg)	3.1	1.9	7.9	g
Total H <sub>2</sub> O Gain (Vw)	47.0	37.6	25.2	g
Moisture Vapor (Vw std)	2.223	1.778	1.192	ft <sup>3</sup>
<b>Standard Meter Volume (Vm std)</b>	<b>19.610</b>	<b>21.489</b>	<b>19.757</b>	<b>dscf</b>
<b>Percent of H<sub>2</sub>O in Stack</b>	<b>10.2</b>	<b>7.6</b>	<b>5.7</b>	<b>%</b>

**WHERE:**

ft<sup>3</sup> = cubic foot  
 H<sub>2</sub>O = water  
 Hg = mercury  
 °F = Fahrenheit  
 ml = milliliter  
 g = gram  
 % = percent

**CALCULATIONS:**

$$Vw\ std = 0.00267 \cdot Vw \cdot (Tstd + 460) / 29.92$$

$$Vm\ std = Vm \cdot Yd \cdot (Tstd + 460) \cdot (Pb + (\Delta H/13.6)) / (Tm + 460) / 29.92$$

$$Stack\ moisture\ H_2O\ \% = 100 \cdot Vw\ std / (Vw\ std + Vm\ std)$$

## Stack Gas Flow Rate Determination

### EPA Method 19

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Condition: 1,624°F  
 Date: 7/21/2023

	Run 1	Run 2	Run 3	
Test Time	0846-0922	0947-1022	1037-1114	
# cubic feet/rev	1,395	1,390	1,409	ft <sup>3</sup>
# of seconds/rev	60	60	60	seconds
Gas Line Pressure	0.0	0.0	0.0	PSI Gauge
Gas Line Pressure	14.7	14.7	14.7	PSI Absolute
Gross Calorific Value @ 60°F	431.5	469.2	429.0	Btu / ft <sup>3</sup>
Stack Oxygen	13.0	12.9	12.9	%
Gas Fd-Factor @ 60°F	9,227	9,257	9,237	DSCF/MMBtu
Gas Temperature	70	70	70	°F
Standard Temperature (Tstd)	70	70	70	°F
Realtime Fuel Rate	1,395	1,390	1,409	CFM
Corrected Fuel Rate @ Tstd	1,395	1,390	1,409	SCFM
Fuel Flow Rate	83,700	83,400	84,540	SCFH
Million Btu per minute	0.591	0.640	0.593	MMBtu/min
Heat Input	35.4	38.4	35.6	MMBtu/hr
<b>Stack Gas Flow Rate @ Tstd</b>	<b>14,690</b>	<b>15,720</b>	<b>14,613</b>	<b>DSCFM</b>

**WHERE:**

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)  
 MMBtu = Million Btu

**CALCULATIONS:**

$$\text{SCFM} = \text{CFM} \cdot 528 \cdot (\text{PSIA}) / 14.7 / (\text{gas}^\circ\text{F} + 460)$$

$$\text{SCFH} = \text{SCFM} \cdot 60$$

$$\text{MMBtu/min} = (\text{SCFM} \cdot \text{Btu/ft}^3) / 1,000,000$$

$$\text{MMBtu/hr heat input} = \text{MMBtu/min} \cdot 60$$

$$\text{DSCFM} = \text{Gas Fd-Factor} \cdot \text{MMBtu/min} \cdot 20.9 / (20.9 - \text{O}_2\%)$$

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Sample ID: 1-LFG-Flare (A-7)  
 Date: 7/16/24

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, $\sum b_i$	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, s <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, s <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, s <sub>i</sub> b <sub>i</sub>	s <sub>i</sub> MW	Weight Fraction, $\frac{s_i MW}{\sum s_i MW}$	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb
Helium‡	4.00	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000							
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.8	0.0180	0.0013	5.8	0.0000	0.0363							0.0000	
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	23.0	0.2300	0.2225	0.0	0.0038	6.4423	0.2286				0.2286		0.2286	3.0736
Oxygen	32.00	1.1053	0.0		11.819	4.5	0.0450	0.0497	0.0	0.0000	1.4400	0.0511			0.0511			0.0511	0.6040
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011			0.0020	0.0269
Carbon Dioxide‡	44.01	1.5194	0.0	0.0640	8.548	30.6	0.3060	0.4649	0.0	0.0196	13.4671	0.4779	0.1304	0.0000	0.3475			0.4779	4.0855
Methane	16.04	0.5539	1012.0	0.0436	23.565	41.9	0.4190	0.2321	424.0	0.0183	6.7208	0.2385	0.1786	0.0600				0.2385	5.6207
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	<4.6	0.000005	0.0000	0.0	0.0000	0.0001	0.0000	0.0000	0.0000				0.0000	0.0001
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	15.9	0.0000159	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000				0.0000	0.0002
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	6.1	0.0000061	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0001
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	3.1	0.0000031	0.0000	0.0	0.0000	0.0002	0.0000	0.0000	0.0000				0.0000	0.0000
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	7.0	0.0000070	0.0000	0.0	0.0000	0.0006	0.0000	0.0000	0.0000				0.0000	0.0001
C <sub>6</sub> +	86.17	2.9753	4758.0	0.2830	4.398	144.8	0.0001448	0.0004	0.7	0.0000	0.0125	0.0004	0.0005	0.0001				0.0006	0.0019
							1.0202	0.973 SG	431.3 Btu/ft <sup>3</sup>	0.0221 $\sum x_i \sqrt{b_i}$	28.1769 $\sum x_i MW$	0.9987	0.3104	0.0601	0.3998	0.2286	0.0000	0.9989	13.41 ft <sup>3</sup> /lb

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14) 1.744 31.08% 6.01% 40.02% 22.89% 0.00%

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F) 0.973

Compressibility Factor (Z) 0.9995

$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2 \sum x_i x_{i1} b_{i1}^2) (0.0005)]$

Specific Gravity (corrected) 0.973

Specific Volume, (SV) ft<sup>3</sup>/lb 13.41 ft<sup>3</sup>/lb

Gross Calorific Value (GCV) 431.5 Btu/ft<sup>3</sup> Gross @ 60°F

425.0 Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV) 5,788 Btu/lb @ 68°F

$Btu/lb = Btu/ft^3 * ft^3/lb$

Gross Calorific Value, wet (GCVw) 5,687 Btu/lb @ 68°F

$GCV' * (1-H_2O)$  (ASTM D-3588, eqn 14)

Gas Fd-Factor (EPA Method 19, eqn 19-13) 9,369 DSCF/MMBtu @ 68°F

$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$  9,227 DSCF/MMBtu @ 60°F

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Sample ID: 2-LFG-Flare (A-7)  
 Date: 7/16/24

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, A <sub>bi</sub>	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, s <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, s <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, s <sub>i</sub> A <sub>bi</sub>	s <sub>i</sub> MW	Weight Fraction, s <sub>i</sub> MW / Σs <sub>i</sub> MW	CARBON Weight Fraction	HYDROGE N Weight Fraction	OXYGE N Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb	
Helium‡	4.00	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000								
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.7	0.0170	0.0012	5.5	0.0000	0.0343							0.0000		
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	18.1	0.1810	0.1751	0.0	0.0030	5.0698	0.1803				0.1803		0.1803	0.1803	2.4233
Oxygen	32.00	1.1053	0.0		11.819	2.9	0.0290	0.0321	0.0	0.0000	0.9280	0.0330			0.0330			0.0330	0.0330	0.3900
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011			0.0020	0.0020	0.0269
Carbon Dioxide‡	44.01	1.5194	0.0	0.0640	8.548	33.4	0.3340	0.5075	0.0	0.0214	14.6993	0.5227	0.1426	0.0000	0.3800			0.5227	0.5227	4.4676
Methane	16.04	0.5539	1012.0	0.0436	23.565	45.6	0.4560	0.2526	461.5	0.0199	7.3142	0.2601	0.1947	0.0654				0.2601	0.2601	6.1285
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	<4.2	0.000004	0.0000	0.0	0.0000	0.0001	0.0000	0.0000	0.0000				0.0000	0.0000	0.0001
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	18.7	0.0000187	0.0000	0.0	0.0000	0.0008	0.0000	0.0000	0.0000				0.0000	0.0000	0.0002
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	7.1	0.0000071	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0000	0.0001
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000	0.0000
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	5.5	0.0000055	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0000	0.0001
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000	0.0000
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	6.9	0.0000069	0.0000	0.0	0.0000	0.0006	0.0000	0.0000	0.0000				0.0000	0.0000	0.0001
C <sub>6</sub> +	86.17	2.9753	4758.0	0.2830	4.398	237.1	0.0002371	0.0007	1.1	0.0001	0.0204	0.0007	0.0008	0.0002				0.0010	0.0010	0.0032
							1.0193	0.971 SG	468.9 Btu/ft <sup>3</sup>	0.0229 Σx <sub>i</sub> √b <sub>i</sub>	28.1245 ΣxiMW	0.9988	33.94%	6.56%	41.46%	18.04%	0.00%	0.9991	13.44 ft <sup>3</sup> /lb	

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14)

1.744

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F)

0.971

Compressibility Factor (Z)

0.9995

$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2x_{H_2O} \cdot x_{H_2O}^2) (0.0005)]$

Specific Gravity (corrected)

0.972

Specific Volume, (SV) ft<sup>3</sup>/lb

13.44 ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

469.2 Btu/ft<sup>3</sup> Gross @ 60°F

462.0 Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV)

$Btu/lb = Btu/ft^3 * ft^3/lb$

6,305 Btu/lb @ 68°F

Gross Calorific Value, wet (GCVw)

$GCV * (1-H_2O)$  (ASTM D-3588, eqn 14)

6,195 Btu/lb @ 68°F

Gas Fd-Factor (EPA Method 19, eqn 19-13)

9,399 DSCF/MMBtu @ 68°F

$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$

9,257 DSCF/MMBtu @ 60°F

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-7  
 Sample ID: 3-LFG-Flare (A-7)  
 Date: 7/16/24

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, A <sub>bi</sub>	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, s <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, s <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, s <sub>i</sub> A <sub>bi</sub>	x <sub>i</sub> MW	Weight Fraction, s <sub>i</sub> MW / Σs <sub>i</sub> MW	CARBON Weight Fraction	HYDROGE N Weight Fraction	OXYGE N Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb	
Helium‡	4.00	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000								
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.6	0.0160	0.0011	5.2	0.0000	0.0323							0.0000		
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	23.2	0.2320	0.2244	0.0	0.0038	6.4983	0.2305				0.2305			0.2305	3.0992
Oxygen	32.00	1.1053	0.0		11.819	4.6	0.0460	0.0508	0.0	0.0000	1.4720	0.0522			0.0522				0.0522	0.6172
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011				0.0020	0.0268
Carbon Dioxide‡	44.01	1.5194	0.0	0.0640	8.548	30.5	0.3050	0.4634	0.0	0.0195	13.4231	0.4762	0.1300	0.0000	0.3463				0.4762	4.0707
Methane	16.04	0.5539	1012.0	0.0436	23.565	41.7	0.4170	0.2310	422.0	0.0182	6.6887	0.2373	0.1777	0.0597					0.2373	5.5919
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	<4.0	0.000004	0.0000	0.0	0.0000	0.0001	0.0000	0.0000	0.0000					0.0000	0.0001
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	15.9	0.0000159	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000					0.0000	0.0002
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	6.1	0.0000061	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000					0.0000	0.0001
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	3.3	0.0000033	0.0000	0.0	0.0000	0.0002	0.0000	0.0000	0.0000					0.0000	0.0000
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	6.7	0.0000067	0.0000	0.0	0.0000	0.0006	0.0000	0.0000	0.0000					0.0000	0.0001
C <sub>6</sub> +	86.17	2.9753	4758.0	0.2830	4.398	167.2	0.0001672	0.0005	0.8	0.0000	0.0144	0.0005	0.0006	0.0001					0.0007	0.0022
							1.0182	0.973 SG	428.8 Btu/ft <sup>3</sup>	0.0220	28.1867	0.9989	0.3091	0.0598	0.399%	0.2305	0.0000	0.9991	13.41 ft <sup>3</sup> /lb	
										Σx <sub>i</sub> √b <sub>i</sub>	ΣxiMW		30.94%	5.98%	40.00%	23.08%	0.00%			

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14)

1.744

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F)

0.973

Compressibility Factor (Z)

0.9995

$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2x_{H_2O} \cdot x_{H_2O}^2) (0.0005)]$

Specific Gravity (corrected)

0.974

Specific Volume, (SV) ft<sup>3</sup>/lb

13.41 ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

429.0 Btu/ft<sup>3</sup> Gross @ 60°F

422.5 Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV)

$Btu/lb = Btu/ft^3 * ft^3 / lb$

5,752 Btu/lb @ 68°F

Gross Calorific Value, wet (GCVw)

$GCV * (1-H_2O)$  (ASTM D-3588, eqn 14)

5,652 Btu/lb @ 68°F

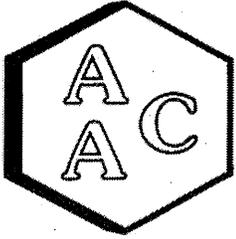
Gas Fd-Factor (EPA Method 19, eqn 19-13)

9,379 DSCF/MMBtu @ 68°F

$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$

9,237 DSCF/MMBtu @ 60°F

## Laboratory Reports



## Atmospheric Analysis & Consulting, Inc.

---

CLIENT : Blue Sky Environmental, Inc.  
PROJECT NAME : OX Mountain Flare (A-7)  
AAC PROJECT NO. : 231460  
REPORT DATE : 08/ 11/2023

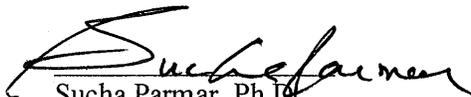
On July 25<sup>th</sup> 2023, Atmospheric Analysis & Consulting, Inc. received three (3) Six-Liter Silonite Canisters for TNMOC analysis by EPA 25C, Total Reduced Sulfur analysis by ASTM D-5504, and ASTM D-1945 analysis. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
1-LFG-Flare ( A-7)	231460-47085	556.3
2-LFG-Flare ( A-7)	231460-47086	609.3
3-LFG-Flare ( A-7)	231460-47087	639.5

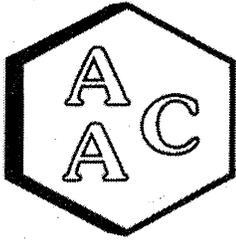
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at [www.aacalab.com](http://www.aacalab.com).

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

  
Sucha Parmar, Ph.D.  
Technical Director

This report consists of 9 pages.



# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

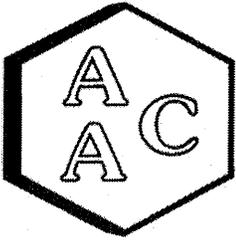
CLIENT : Blue Sky Environmental, Inc.  
 PROJECT NO. : 231460  
 MATRIX : Air

SAMPLING DATE : 07/21/2023  
 RECEIVING DATE : 07/25/2023  
 ANALYSIS DATE : 08/07-11/2023  
 REPORT DATE : 08/11/2023

### ASTM D-1945

Client ID	1-LFG-Flare ( A-7)	2-LFG-Flare ( A-7)	3-LFG-Flare ( A-7)
AAC ID	231460-47085	231460-47086	231460-47087
Can Dilution Factor	1.83	1.68	1.60
Analyte	Result	Result	Result
H <sub>2</sub>	< 1.8 %	< 1.7 %	< 1.6 %
O <sub>2</sub>	4.5 %	2.9 %	4.6 %
N <sub>2</sub>	23.0 %	18.1 %	23.2 %
CO	< 0.2 %	< 0.2 %	< 0.2 %
CO <sub>2</sub>	30.6 %	33.4 %	30.5 %
CH <sub>4</sub>	41.9 %	45.6 %	41.7 %
C <sub>2</sub> (as Ethane)	< 4.6 ppmV	< 4.2 ppmV	< 4.0 ppmV
C <sub>3</sub> (as Propane)	15.9 ppmV	18.7 ppmV	15.9 ppmV
C <sub>4</sub> (as Butane)	6.1 ppmV	7.1 ppmV	6.1 ppmV
C <sub>5</sub> (as Pentane)	3.1 ppmV	5.5 ppmV	3.3 ppmV
C <sub>6</sub> (as Hexane)	7.0 ppmV	6.9 ppmV	6.7 ppmV
C <sub>6</sub> + (as Hexane)	144.8 ppmV	237.1 ppmV	167.2 ppmV
THC (as Methane)	419,636 ppmC	457,233 ppmC	417,747 ppmC
TNMHC (as Methane)	993 ppmC	1,576 ppmC	1,126 ppmC
TNMNEHC (as Methane)	993 ppmC	1,568 ppmC	1,126 ppmC

*All fixed gases have been normalized to 100% on a dry basis  
 Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac x Canister Dil. Fac (if applicable)*



# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

Client : Blue Sky Environmental, Inc.  
Project No. : 231460  
Matrix : AIR  
Units : ppmC

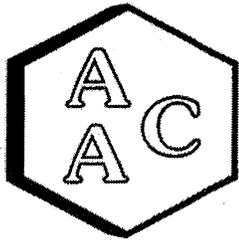
Sampling Date : 07/21/2023  
Receiving Date : 07/25/2023  
Analysis Date : 08/07/2023  
Report Date : 08/11/2023

### EPA 25C

Reporting Limit: 3.0 ppmC		Canister Dilution Factor	Analysis Dilution Factor	TNMOC*	SRL (RL x DF's)
Client Sample ID	AAC ID				
1-LFG-Flare (A-7)	231460-47085	1.8	1.0	849	5.5
2-LFG-Flare (A-7)	231460-47086	1.7	1.0	893	5.0
3-LFG-Flare (A-7)	231460-47087	1.6	1.0	813	4.8

Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac x Canister Dil. Fac.

\*Total Non-Methane Organic Carbon



# Atmospheric Analysis & Consulting, Inc.

## LABORATORY ANALYSIS REPORT

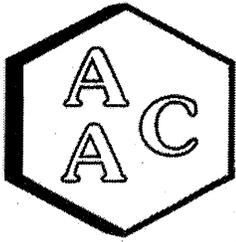
**CLIENT :** Blue Sky Environmental  
**PROJECT NO. :** 231460  
**MATRIX :** AIR  
**UNITS :** ppmv

**SAMPLING DATE :** 07/21/2023  
**RECEIVING DATE :** 07/25/2023  
**ANALYSIS DATE :** 07/27-28/2023  
**REPORT DATE :** 08/11/2023

### Total Reduced Sulfur Compounds by ASTM D-5504

Client ID	1-LFG-Flare (A-7)	2-LFG-Flare (A-7)	3-LFG-Flare (A-7)
AAC ID	231460-47085	231460-47086	231460-47087
Canister Dil. Fac.	1.8	1.7	1.6
Analyte	Result	Result	Result
Hydrogen Sulfide	156	139	159
COS / SO2	< 0.092	< 0.084	< 0.080
Methyl Mercaptan	0.968	1.22	0.845
Ethyl Mercaptan	< 0.092	< 0.084	< 0.080
Dimethyl Sulfide	0.537	0.750	0.869
Carbon Disulfide	0.214	0.155	0.263
Isopropyl Mercaptan	0.753	0.902	0.289
tert-Butyl Mercaptan	< 0.092	< 0.084	< 0.080
n-Propyl Mercaptan	< 0.092	< 0.084	< 0.080
Methylethylsulfide	< 0.092	< 0.084	< 0.080
sec-Butyl Mercaptan / Thiophene	1.01	1.23	1.02
iso-Butyl Mercaptan	< 0.092	< 0.084	< 0.080
Diethyl Sulfide	< 0.092	< 0.084	< 0.080
n-Butyl Mercaptan	< 0.092	< 0.084	< 0.080
Dimethyl Disulfide	< 0.092	< 0.084	< 0.080
2-Methylthiophene	0.496	0.472	0.427
3-Methylthiophene	0.253	< 0.084	< 0.080
Tetrahydrothiophene	< 0.092	< 0.084	< 0.080
Bromothiophene	< 0.092	< 0.084	< 0.080
Thiophenol	< 0.092	< 0.084	< 0.080
Diethyl Disulfide	< 0.092	< 0.084	< 0.080
Total Unidentified Sulfur	< 0.092	< 0.084	< 0.080
<b>Total Reduced Sulfurs</b>	<b>161</b>	<b>144</b>	<b>163</b>

All unidentified compound's concentrations expressed in terms of H<sub>2</sub>S  
 Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



# Atmospheric Analysis & Consulting, Inc

## Quality Control/Quality Assurance Report

Date Analyzed : 08/07/2023  
 Analyst : KM/RW  
 Units : %

Instrument ID : GC-TCA #2  
 Calb Date : 03/22/2023  
 Reporting Limit : 0.1%

### I - Opening Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
CCV	Spike Conc	10.0	10.2	20.5	10.0	10.0	10.0
	Result	10.8	10.8	21.2	9.9	9.4	9.8
	% Rec *	107.6	106.0	103.5	99.3	94.5	97.3

### II - Method Blank - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
MB	Concentration	ND	ND	ND	ND	ND	ND

### III - Laboratory Control Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	9.8	11.0	21.1	9.5	9.5	9.6
	LCS Result	10.3	10.8	20.9	9.8	9.5	9.9
	LCSD Result	10.3	10.8	20.8	9.8	9.5	9.8
	LCS % Rec *	105.9	98.4	99.1	103.4	100.7	103.0
	LCSD % Rec *	105.8	98.9	98.4	102.9	100.3	102.4
	% RPD ***	0.1	0.5	0.7	0.5	0.4	0.6

### IV - Sample & Sample Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
220954-30872	Sample	0.0	3.0	14.6	32.4	0.0	26.1
	Sample Dup	0.0	3.0	14.4	32.1	0.0	25.9
	Mean	0.0	3.0	14.5	32.3	0.0	26.0
	% RPD ***	0.0	0.7	0.9	1.0	0.0	1.0

### V - Matrix Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	H2	N2	CH4	CO	CO2
220954-30872	Sample Conc	0.0	7.3	16.1	0.0	13.0
	Spike Conc	10.0	10.0	10.0	10.0	10.0
	MS Result	10.3	18.2	25.9	9.5	22.7
	MSD Result	10.8	17.7	25.9	9.7	22.7
	MS % Rec **	103.1	109.3	97.5	95.1	96.3
	MSD % Rec **	108.1	104.8	98.0	97.1	97.2
	% RPD ***	4.7	4.2	0.5	2.1	0.9

### VI - Closing Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
CCV	Spike Conc	10.0	10.2	20.5	10.0	10.0	10.0
	Result	10.2	10.6	21.1	9.6	9.2	9.5
	% Rec *	102.2	103.7	103.4	96.1	92.2	95.1

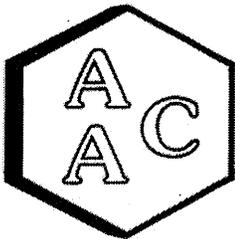
\* Must be 85-115%

\*\* Must be 75-125%

\*\*\* Must be < 25%

ND = Not Detected

<RL = less than Reporting Limit



# Atmospheric Analysis & Consulting, Inc

---

## Quality Control/Quality Assurance Report

Analysis Date : 08/07/2023  
 Analyst : KM/RW  
 Units : ppmv

Instrument ID: : GCTCA#2-FID  
 Calibration Date: : 03/29/2023

### I - Opening Calibration Verification Standard - Method 25C

Analyte	xRF	DRF	%RPD*
Propane	312922	288215	8.2

### II - TNMOC Response Factor - Method 25C

Analyte	xRF	CV RF	CV dp RF	CV tp RF	Average RF	% RPD***
Propane	312922	288215	294225	289717	290719	7.4

### III - Method Blank - Method 25C

AAC ID	Analyte	Sample Result
MB	TNMOC	0.00

### IV - Laboratory Control Spike & Duplicate - Method 25C

AAC ID	Analyte	Spike Added	LCS	LCSD	LCS % Rec **	LCSD % Rec **	% RPD***
LCS/LCSD	Propane	50.6	47.53	46.80	94.0	92.6	1.5

### V - Closing Calibration Verification Standard - Method 25C

Analyte	xCF	dCF	%RPD*
Propane	312922	299399	4.4

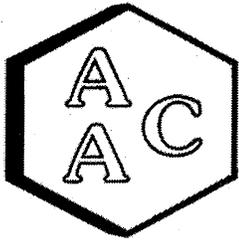
*xCF - Average Calibration Factor from Initial Calibration Curve*

*dCF - Daily Calibration Factor*

\* Must be <15%

\*\* Must be 90-110 %

\*\*\* Must be <20%



# Atmospheric Analysis & Consulting, Inc

## Quality Control/Quality Assurance Report ASTM D-5504

Date Analyzed: 7/27/2023  
Analyst: ZD  
Units: ppbV

Instrument ID: SCD#10  
Calb. Date: : 07/11/2022

### Opening Calibration Verification Standard 499.8 ppbV H<sub>2</sub>S (SSI 289)

H <sub>2</sub> S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1824	495	99.0	0.4
Duplicate	1837	498	99.7	1.2
Triplicate	1787	485	97.0	1.6

### 547.5 ppbV H<sub>2</sub>S (SSI 289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2302	534	97.5	2.0
Duplicate	2417	561	102.4	2.9
Triplicate	2327	540	98.6	0.9

### 479.0 ppbV H<sub>2</sub>S (SSI 289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2556	483	100.9	0.1
Duplicate	2596	491	102.5	1.7
Triplicate	2509	474	99.0	1.7

### Method Blank

Analyte	Result
H <sub>2</sub> S	<PQL
MeSH	<PQL
DMS	<PQL

### Duplicate Analysis Sample ID 220521-28941

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H <sub>2</sub> S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

### Matrix Spike & Duplicate Sample ID 220521-28941

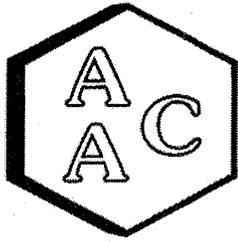
Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H <sub>2</sub> S	<PQL	249.9	230.3	229.1	92.2	91.7	0.6
MeSH	<PQL	273.8	258.3	284.6	94.4	104.0	9.7
DMS	<PQL	239.5	236.8	253.7	98.9	105.9	6.9

### Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H <sub>2</sub> S	499.8	502.7	100.6
MeSH	547.5	559.7	102.2
DMS	479.0	515.3	107.6

\* Must be 95-105%, \*\* Must be 90-110%, \*\*\* Must be < 10%, \*\*\*\* Must be < 5% RPD from Mean result.

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV  
DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV



# Atmospheric Analysis & Consulting, Inc.

## Quality Control/Quality Assurance Report ASTM D-5504

Date Analyzed: 7/28/2023  
 Analyst: ZD  
 Units: ppbV

Instrument ID: SCD#10  
 Calb. Date: : 07/11/2022

### Opening Calibration Verification Standard

499.8 ppbV H<sub>2</sub>S (SSI289)

H <sub>2</sub> S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1784	484	96.8	0.4
Duplicate	1776	482	96.4	0.1
Triplicate	1772	481	96.2	0.3

547.5 ppbV MeSH (SSI289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2321	538	98.3	0.3
Duplicate	2335	541	98.9	0.9
Triplicate	2284	530	96.7	1.3

479.0 ppbV DMS (SSI289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	2636	498	104.0	3.3
Duplicate	2547	482	100.5	0.2
Triplicate	2474	468	97.6	3.1

### Method Blank

Analyte	Result
H <sub>2</sub> S	<PQL
MeSH	<PQL
DMS	<PQL

### Duplicate Analysis

Sample ID 220521-28941

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H <sub>2</sub> S	<PQL	<PQL	0.0	0.0
MeSH	<PQL	<PQL	0.0	0.0
DMS	<PQL	<PQL	0.0	0.0

### Matrix Spike & Duplicate

Sample ID 220521-28941

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H <sub>2</sub> S	<PQL	249.9	235.3	228.6	94.2	91.5	2.9
MeSH	<PQL	273.8	260.9	254.4	95.3	92.9	2.5
DMS	<PQL	239.5	240.7	246.9	100.5	103.1	2.5

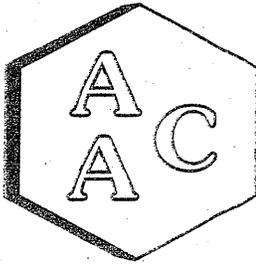
### Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H <sub>2</sub> S	499.8	485.4	97.1
MeSH	547.5	585.2	106.9
DMS	479.0	513.6	107.2

\* Must be 95-105%, \*\* Must be 90-110%, \*\*\* Must be < 10%, \*\*\*\* Must be < 5% RPD from Mean result.

MeSH: PQL = 10.5 ppbV, MDL = 1.12 ppbV  
 DMS: PQL = 11.0 ppbV, MDL = 1.12 ppbV





# Atmospheric Analysis & Consulting, Inc.

---

CLIENT : Blue Sky Environmental  
PROJECT NAME : OX Mountain Flare (A-7)  
AAC PROJECT NO. : 231460  
REPORT DATE : 07/31/2023

On July 25, 2023, Atmospheric Analysis & Consulting, Inc. received three (3) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

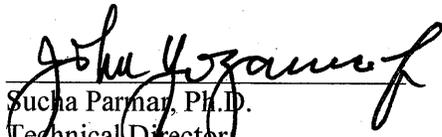
Client ID	Lab ID	Return Pressure (mmHg)
1-LFG-Flare (A-7)	231460-47085	556.3
2-LFG-Flare (A-7)	231460-47086	609.3
3-LFG-Flare (A-7)	231460-47087	639.5

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at [www.aacalab.com](http://www.aacalab.com).

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

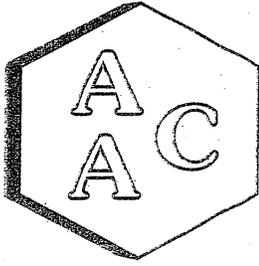
If you have any questions or require further explanation of data results, please contact the undersigned.

  
Sucha Parmar, Ph.D.  
Technical Director

This report consists of 10 pages.

Page 1





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

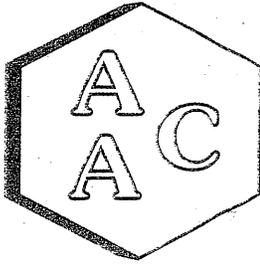
CLIENT : Blue Sky Environmental  
 PROJECT NO : 231460  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2023  
 DATE REPORTED : 07/31/2023  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID	1-LFG-Flare (A-7)			Sample Reporting Limit (SRL) (MRLxDF's)	2-LFG-Flare (A-7)			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
231460-47085	231460-47085			231460-47086	231460-47086				
07/21/2023	07/21/2023			07/21/2023	07/21/2023				
07/28/2023	07/28/2023			07/28/2023	07/28/2023				
1.83	1.83			1.68	1.68				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	59.6		50	45.9	74.6		50	41.9	0.50
Propene	5720		50	91.7	6500		50	83.8	1.00
Dichlorodifluoromethane	51.4		50	45.9	66.2		50	41.9	0.50
Chloromethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Dichlorotetrafluoroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Vinyl Chloride	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Methanol	610		50	459	686		50	419	5.00
1,3-Butadiene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Bromomethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Chloroethane	79.8		50	45.9	83.0		50	41.9	0.50
Dichlorofluoromethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Ethanol	1720		50	183	2090		50	168	2.00
Vinyl Bromide	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Acetone	3180		50	183	3840		50	168	2.00
Trichlorofluoromethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
2-Propanol (IPA)	920		50	183	1130		50	168	2.00
Acrylonitrile	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,1-Dichloroethene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Methylene Chloride (DCM)	<SRL	U	50	91.7	<SRL	U	50	83.8	1.00
Allyl Chloride	<SRL	U	50	91.7	<SRL	U	50	83.8	1.00
Carbon Disulfide	<SRL	U	50	183	<SRL	U	50	168	2.00
Trichlorotrifluoroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
trans-1,2-Dichloroethene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,1-Dichloroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Vinyl Acetate	<SRL	U	50	91.7	<SRL	U	50	83.8	1.00
2-Butanone (MEK)	3330		50	91.7	3950		50	83.8	1.00
cis-1,2-Dichloroethene	64.2		50	45.9	79.6		50	41.9	0.50
Hexane	254		50	45.9	271		50	41.9	0.50
Chloroform	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Ethyl Acetate	253		50	45.9	315		50	41.9	0.50
Tetrahydrofuran	889		50	45.9	1110		50	41.9	0.50
1,2-Dichloroethane	58.7		50	45.9	74.6		50	41.9	0.50
1,1,1-Trichloroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Benzene	840		50	45.9	1060		50	41.9	0.50





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : Blue Sky Environmental  
 PROJECT NO : 231460  
 MATRIX : AIR  
 UNITS : PPB (v/v)

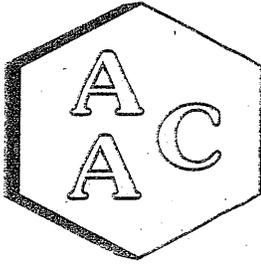
DATE RECEIVED : 07/25/2023  
 DATE REPORTED : 07/31/2023  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	1-LFG-Flare (A-7)			Sample Reporting Limit (SRL) (MRLxDF's)	2-LFG-Flare (A-7)			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
	AAC ID	Result	Qualifier		Analysis DF	AAC ID	Result		
Date Sampled	231460-47085				231460-47086				
Date Analyzed	07/21/2023				07/21/2023				
Can Dilution Factor	07/28/2023				07/28/2023				
Compound	1.83				1.68				
Carbon Tetrachloride	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Cyclohexane	228		50	45.9	299		50	41.9	0.50
1,2-Dichloropropane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Bromodichloromethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,4-Dioxane	<SRL	U	50	91.7	<SRL	U	50	83.8	1.00
Trichloroethene (TCE)	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
2,2,4-Trimethylpentane	96.3		50	45.9	113		50	41.9	0.50
Heptane	492		50	45.9	627		50	41.9	0.50
cis-1,3-Dichloropropene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
4-Methyl-2-pentanone (MiBK)	212		50	45.9	268		50	41.9	0.50
trans-1,3-Dichloropropene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,1,2-Trichloroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Toluene	3260		50	45.9	3880		50	41.9	0.50
2-Hexanone (MBK)	<SRL	U	50	91.7	<SRL	U	50	83.8	1.00
Dibromochloromethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,2-Dibromoethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Tetrachloroethene (PCE)	<SRL	U	50	45.9	43.6		50	41.9	0.50
Chlorobenzene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Ethylbenzene	2550		50	45.9	3000		50	41.9	0.50
m & p-Xylene	3390		50	91.7	4170		50	83.8	1.00
Bromoform	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Styrene	207		50	45.9	262		50	41.9	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
o-Xylene	1320		50	45.9	1620		50	41.9	0.50
4-Ethyltoluene	632		50	45.9	850		50	41.9	0.50
1,3,5-Trimethylbenzene	372		50	45.9	479		50	41.9	0.50
1,2,4-Trimethylbenzene	841		50	45.9	1010		50	41.9	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,3-Dichlorobenzene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,4-Dichlorobenzene	413		50	45.9	542		50	41.9	0.50
1,2-Dichlorobenzene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
1,2,4-Trichlorobenzene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
Hexachlorobutadiene	<SRL	U	50	45.9	<SRL	U	50	41.9	0.50
BFB-Surrogate Std. % Recovery		101%				102%			70-130%

U - Compound was not detected at or above the SRL.





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

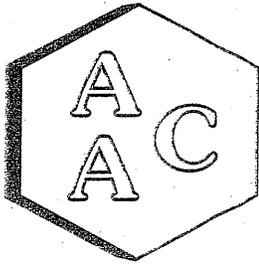
**CLIENT :** Blue Sky Environmental  
**PROJECT NO :** 231460  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

**DATE RECEIVED :** 07/25/2023  
**DATE REPORTED :** 07/31/2023  
**ANALYST :** DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>	3-LFG-Flare (A-7)			Sample Reporting Limit (SRL) (MRL <sub>x</sub> DF's)	Method Reporting Limit (MRL)
<i>AAC ID</i>	231460-47087				
<i>Date Sampled</i>	07/21/2023				
<i>Date Analyzed</i>	07/28/2023				
<i>Can Dilution Factor</i>	1.60				
<i>Compound</i>	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	66.4		50	40.0	0.50
Propene	6380		50	80.0	1.00
Dichlorodifluoromethane	57.6		50	40.0	0.50
Chloromethane	<SRL	U	50	40.0	0.50
Dichlorotetrafluoroethane	<SRL	U	50	40.0	0.50
Vinyl Chloride	<SRL	U	50	40.0	0.50
Methanol	590		50	400	5.00
1,3-Butadiene	<SRL	U	50	40.0	0.50
Bromomethane	<SRL	U	50	40.0	0.50
Chloroethane	102		50	40.0	0.50
Dichlorofluoromethane	<SRL	U	50	40.0	0.50
Ethanol	1750		50	160	2.00
Vinyl Bromide	<SRL	U	50	40.0	0.50
Acetone	3390		50	160	2.00
Trichlorofluoromethane	<SRL	U	50	40.0	0.50
2-Propanol (IPA)	1010		50	160	2.00
Acrylonitrile	<SRL	U	50	40.0	0.50
1,1-Dichloroethene	<SRL	U	50	40.0	0.50
Methylene Chloride (DCM)	<SRL	U	50	80.0	1.00
Allyl Chloride	<SRL	U	50	80.0	1.00
Carbon Disulfide	<SRL	U	50	160	2.00
Trichlorotrifluoroethane	<SRL	U	50	40.0	0.50
trans-1,2-Dichloroethene	<SRL	U	50	40.0	0.50
1,1-Dichloroethane	<SRL	U	50	40.0	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	40.0	0.50
Vinyl Acetate	<SRL	U	50	80.0	1.00
2-Butanone (MEK)	3720		50	80.0	1.00
cis-1,2-Dichloroethene	71.2		50	40.0	0.50
Hexane	270		50	40.0	0.50
Chloroform	<SRL	U	50	40.0	0.50
Ethyl Acetate	284		50	40.0	0.50
Tetrahydrofuran	996		50	40.0	0.50
1,2-Dichloroethane	64.0		50	40.0	0.50
1,1,1-Trichloroethane	<SRL	U	50	40.0	0.50
Benzene	962		50	40.0	0.50





# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

**CLIENT :** Blue Sky Environmental  
**PROJECT NO :** 231460  
**MATRIX :** AIR  
**UNITS :** PPB (v/v)

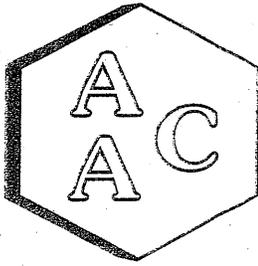
**DATE RECEIVED :** 07/25/2023  
**DATE REPORTED :** 07/31/2023  
**ANALYST :** DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>	3-LFG-Flare (A-7)			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
<i>AAC ID</i>	231460-47087				
<i>Date Sampled</i>	07/21/2023				
<i>Date Analyzed</i>	07/28/2023				
<i>Can Dilution Factor</i>	1.60			(MRLxDF's)	(MRL)
<i>Compound</i>	Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	50	40.0	0.50
Cyclohexane	262		50	40.0	0.50
1,2-Dichloropropane	<SRL	U	50	40.0	0.50
Bromodichloromethane	<SRL	U	50	40.0	0.50
1,4-Dioxane	<SRL	U	50	80.0	1.00
Trichloroethene (TCE)	<SRL	U	50	40.0	0.50
2,2,4-Trimethylpentane	110		50	40.0	0.50
Heptane	562		50	40.0	0.50
cis-1,3-Dichloropropene	<SRL	U	50	40.0	0.50
4-Methyl-2-pentanone (MiBK)	250		50	40.0	0.50
trans-1,3-Dichloropropene	<SRL	U	50	40.0	0.50
1,1,2-Trichloroethane	<SRL	U	50	40.0	0.50
Toluene	3530		50	40.0	0.50
2-Hexanone (MBK)	<SRL	U	50	80.0	1.00
Dibromochloromethane	<SRL	U	50	40.0	0.50
1,2-Dibromoethane	<SRL	U	50	40.0	0.50
Tetrachloroethene (PCE)	<SRL	U	50	40.0	0.50
Chlorobenzene	<SRL	U	50	40.0	0.50
Ethylbenzene	2710		50	40.0	0.50
m & p-Xylene	3750		50	80.0	1.00
Bromoform	<SRL	U	50	40.0	0.50
Styrene	224		50	40.0	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	50	40.0	0.50
o-Xylene	1450		50	40.0	0.50
4-Ethyltoluene	738		50	40.0	0.50
1,3,5-Trimethylbenzene	417		50	40.0	0.50
1,2,4-Trimethylbenzene	887		50	40.0	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	40.0	0.50
1,3-Dichlorobenzene	<SRL	U	50	40.0	0.50
1,4-Dichlorobenzene	435		50	40.0	0.50
1,2-Dichlorobenzene	<SRL	U	50	40.0	0.50
1,2,4-Trichlorobenzene	<SRL	U	50	40.0	0.50
Hexachlorobutadiene	<SRL	U	50	40.0	0.50
BFB-Surrogate Std. % Recovery		101%			70-130%

U - Compound was not detected at or above the SRL.





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/28/2023

MATRIX : High Purity N<sub>2</sub>

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02

CALIBRATION STD ID : MSI-042023-02

ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 06/19/2023 Calibration

Analyte Compounds	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
4-BFB (surrogate standard)	9.60	9.48	99
Chlorodifluoromethane	10.40	10.75	103
Propene	10.60	10.25	97
Dichlorodifluoromethane	10.40	11.76	113
Dimethyl Ether	10.20	10.42	102
Chloromethane	10.40	10.29	99
Dichlorotetrafluoroethane	10.30	10.93	106
Vinyl Chloride	10.50	10.55	100
Acetaldehyde	21.10	25.29	120
Methanol	18.80	18.81	100
1,3-Butadiene	10.60	10.96	103
Bromomethane	10.40	10.81	104
Chloroethane	10.30	10.38	101
Dichlorofluoromethane	10.20	10.98	108
Ethanol	11.20	10.93	98
Vinyl Bromide	10.10	10.32	102
Acrolein	11.10	10.12	91
Acetone	10.60	10.78	102
Trichlorofluoromethane	10.50	11.35	108
2-Propanol (IPA)	11.00	11.25	102
Acrylonitrile	11.20	10.83	97
1,1-Dichloroethene	10.40	10.57	102
Methylene Chloride (DCM)	10.50	10.40	99
TertButanol (TBA)	11.10	11.18	101
Allyl Chloride	10.20	10.12	99
Carbon Disulfide	10.50	9.31	89
Trichlorotrifluoroethane	10.40	10.99	106
trans-1,2-Dichloroethene	10.60	9.72	92
1,1-Dichloroethane	10.50	10.04	96
Methyl Tert Butyl Ether (MTBE)	10.50	9.41	90
Vinyl Acetate	11.00	10.63	97
2-Butanone (MEK)	10.60	10.55	100
cis-1,2-Dichloroethene	10.50	9.88	94
Hexane	10.70	10.31	96
Chloroform	10.60	10.27	97
Ethyl Acetate	10.60	10.30	97
Tetrahydrofuran	10.20	9.26	91
1,2-Dichloroethane	10.50	9.98	95
1,1,1-Trichloroethane	10.40	9.87	95
Benzene	10.60	10.09	95
Carbon Tetrachloride	10.20	9.90	97
Cyclohexane	10.50	10.02	95

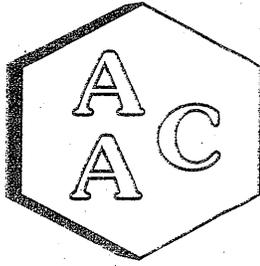
Analyte Compounds (Continued)	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
1,2-Dichloropropane	10.50	10.28	98
Bromodichloromethane	10.40	10.48	101
1,4-Dioxane	10.40	10.25	99
Trichloroethene (TCE)	10.40	9.66	93
2,2,4-Trimethylpentane	10.00	9.74	97
Methyl Methacrylate	11.00	10.49	95
Heptane	10.50	10.14	97
cis-1,3-Dichloropropene	10.40	9.86	95
4-Methyl-2-pentanone (MiBK)	10.40	10.17	98
trans-1,3-Dichloropropene	10.50	10.04	96
1,1,2-Trichloroethane	10.50	10.19	97
Toluene	10.60	10.51	99
2-Hexanone (MBK)	10.50	10.29	98
Dibromochloromethane	10.30	10.17	99
1,2-Dibromoethane	10.60	10.27	97
Tetrachloroethene (PCE)	10.40	10.50	101
Chlorobenzene	10.60	10.66	101
Ethylbenzene	10.50	11.18	106
m & p-Xylene	21.00	21.97	105
Bromoform	10.50	11.56	110
Styrene	10.50	10.89	104
1,1,2,2-Tetrachloroethane	10.50	12.07	115
o-Xylene	10.50	11.30	108
1,2,3-Trichloropropane	11.00	10.94	99
Isopropylbenzene (Cumene)	10.30	11.05	107
α-Pinene	10.70	9.68	90
2-Chlorotoluene	10.30	10.51	102
n-Propylbenzene	10.10	11.69	116
4-Ethyltoluene	10.30	11.42	111
1,3,5-Trimethylbenzene	10.30	11.14	108
β-Pinene	11.00	10.27	93
1,2,4-Trimethylbenzene	10.30	11.14	108
Benzyl Chloride (a-Chlorotoluene)	10.40	10.06	97
1,3-Dichlorobenzene	10.40	11.38	109
1,4-Dichlorobenzene	10.30	11.17	108
Sec-ButylBenzene	10.10	11.12	110
1,2-Dichlorobenzene	10.60	11.26	106
n-ButylBenzene	10.20	11.16	109
1,2-Dibromo-3-Chloropropane	10.10	10.34	102
1,2,4-Trichlorobenzene	11.00	11.49	104
Naphthalene	11.50	11.35	99
Hexachlorobutadiene	11.00	11.93	108

<sup>1</sup> Concentration of analyte compound in certified source standard.

<sup>2</sup> Measured result from daily Continuing Calibration Verification (CCV).

<sup>3</sup> The acceptable range for analyte recovery is 100±30%.





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/28/2023

MATRIX : High Purity N<sub>2</sub>

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02

CALIBRATION STD ID : MS1-042023-02

ANALYST : DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

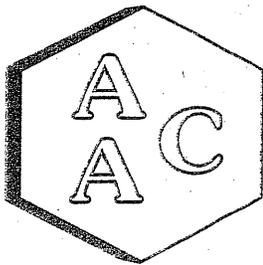
<i>System Monitoring Compounds</i>	<i>Sample Concentration</i>	<i>Spike Added</i>	<i>LCS<sup>1</sup> Recovery</i>	<i>LCSD<sup>1</sup> Recovery</i>	<i>LCS<sup>1</sup> % Recovery<sup>2</sup></i>	<i>LCSD<sup>1</sup> % Recovery<sup>2</sup></i>	<i>RPD<sup>3</sup></i>
4-BFB (surrogate standard)	0.0	9.60	9.48	9.31	99	97	1.8
1,1-Dichloroethene	0.0	10.40	10.57	10.08	102	97	4.7
Methylene Chloride (DCM)	0.0	10.50	10.40	10.23	99	97	1.6
Benzene	0.0	10.60	10.09	9.87	95	93	2.2
Trichloroethene (TCE)	0.0	10.40	9.66	9.64	93	93	0.2
Toluene	0.0	10.60	10.51	10.32	99	97	1.8
Tetrachloroethene (PCE)	0.0	10.40	10.50	10.31	101	99	1.8
Chlorobenzene	0.0	10.60	10.66	10.36	101	98	2.9
Ethylbenzene	0.0	10.50	11.18	10.75	106	102	3.9
m & p-Xylene	0.0	21.00	21.97	21.19	105	101	3.6
o-Xylene	0.0	10.50	11.30	10.91	108	104	3.5

<sup>1</sup> Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

<sup>2</sup> The acceptable range for analyte recovery is 100±30%.

<sup>3</sup> Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/28/2023

INSTRUMENT ID : GC/MS-02

MATRIX : High Purity He or N<sub>2</sub>

ANALYST : DL

UNITS : PPB (v/v)

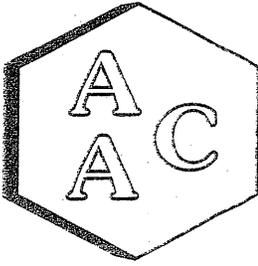
### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 072823	Reporting Limit (RL)
4-BFB (surrogate standard)	87%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	1.0
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	0.5
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	1.0
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	MB 072823	Reporting Limit (RL)
1,2-Dichloropropane	<RL	0.5
Bromodichloromethane	<RL	0.5
1,4-Dioxane	<RL	1.0
Trichloroethene (TCE)	<RL	0.5
2,2,4-Trimethylpentane	<RL	0.5
Methyl Methacrylate	<RL	0.5
Heptane	<RL	0.5
cis-1,3-Dichloropropene	<RL	0.5
4-Methyl-2-pentanone (MiBK)	<RL	0.5
trans-1,3-Dichloropropene	<RL	0.5
1,1,2-Trichloroethane	<RL	0.5
Toluene	<RL	0.5
2-Hexanone (MBK)	<RL	1.0
Dibromochloromethane	<RL	0.5
1,2-Dibromoethane	<RL	0.5
Tetrachloroethene (PCE)	<RL	0.5
Chlorobenzene	<RL	0.5
Ethylbenzene	<RL	0.5
m & p-Xylene	<RL	1.0
Bromoform	<RL	0.5
Styrene	<RL	0.5
1,1,2,2-Tetrachloroethane	<RL	0.5
o-Xylene	<RL	0.5
1,2,3-Trichloropropane	<RL	0.5
Isopropylbenzene (Cumene)	<RL	0.5
α-Pinene	<RL	1.0
2-Chlorotoluene	<RL	0.5
n-Propylbenzene	<RL	0.5
4-Ethyltoluene	<RL	0.5
1,3,5-Trimethylbenzene	<RL	0.5
β-Pinene	<RL	2.0
1,2,4-Trimethylbenzene	<RL	0.5
Benzyl Chloride (a-Chlorotoluene)	<RL	0.5
1,3-Dichlorobenzene	<RL	0.5
1,4-Dichlorobenzene	<RL	0.5
Sec-ButylBenzene	<RL	0.5
1,2-Dichlorobenzene	<RL	0.5
n-ButylBenzene	<RL	0.5
1,2-Dibromo-3-Chloropropane	<RL	0.5
1,2,4-Trichlorobenzene	<RL	0.5
Naphthalene	<RL	0.5
Hexachlorobutadiene	<RL	0.5





# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/28/2023  
 MATRIX : Air  
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02  
 ANALYST : DL  
 DILUTION FACTOR<sup>1</sup> : x10.91

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 231434-46968

Analyte Compounds	Sample	Duplicate	RPD <sup>2</sup>
4-BFB (surrogate standard)	8.82	8.98	1.8
Chlorodifluoromethane	<SRL	<SRL	NA
Propene	13.9	13.0	6.5
Dichlorodifluoromethane	<SRL	<SRL	NA
Dimethyl Ether	<SRL	<SRL	NA
Chloromethane	<SRL	<SRL	NA
Dichlorotetrafluoroethane	<SRL	<SRL	NA
Vinyl Chloride	<SRL	<SRL	NA
Acetaldehyde	<SRL	<SRL	NA
Methanol	75.8	72.6	4.4
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	139	136	2.1
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	26.4	30.6	14.6
Trichlorofluoromethane	<SRL	<SRL	NA
2-Propanol (IPA)	<SRL	<SRL	NA
Acrylonitrile	<SRL	<SRL	NA
1,1-Dichloroethene	<SRL	<SRL	NA
Methylene Chloride (DCM)	<SRL	<SRL	NA
TertButanol (TBA)	<SRL	<SRL	NA
Allyl Chloride	<SRL	<SRL	NA
Carbon Disulfide	23.4	22.7	2.8
Trichlorotrifluoroethane	<SRL	<SRL	NA
trans-1,2-Dichloroethene	<SRL	<SRL	NA
1,1-Dichloroethane	<SRL	<SRL	NA
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	NA
Vinyl Acetate	<SRL	<SRL	NA
2-Butanone (MEK)	<SRL	<SRL	NA
cis-1,2-Dichloroethene	<SRL	<SRL	NA
Hexane	<SRL	<SRL	NA
Chloroform	<SRL	<SRL	NA
Ethyl Acetate	<SRL	<SRL	NA
Tetrahydrofuran	<SRL	<SRL	NA
1,2-Dichloroethane	<SRL	<SRL	NA
1,1,1-Trichloroethane	<SRL	<SRL	NA
Benzene	<SRL	<SRL	NA
Carbon Tetrachloride	<SRL	<SRL	NA
Cyclohexane	<SRL	<SRL	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD <sup>2</sup>
1,2-Dichloropropane	<SRL	<SRL	NA
Bromodichloromethane	<SRL	<SRL	NA
1,4-Dioxane	<SRL	<SRL	NA
Trichloroethene (TCE)	<SRL	<SRL	NA
2,2,4-Trimethylpentane	<SRL	<SRL	NA
Methyl Methacrylate	<SRL	<SRL	NA
Heptane	<SRL	<SRL	NA
cis-1,3-Dichloropropene	<SRL	<SRL	NA
4-Methyl-2-pentanone (MiBK)	<SRL	<SRL	NA
trans-1,3-Dichloropropene	<SRL	<SRL	NA
1,1,2-Trichloroethane	<SRL	<SRL	NA
Toluene	<SRL	<SRL	NA
2-Hexanone (MBK)	<SRL	<SRL	NA
Dibromochloromethane	<SRL	<SRL	NA
1,2-Dibromoethane	<SRL	<SRL	NA
Tetrachloroethene (PCE)	<SRL	<SRL	NA
Chlorobenzene	<SRL	<SRL	NA
Ethylbenzene	<SRL	<SRL	NA
m & p-Xylene	<SRL	<SRL	NA
Bromoform	<SRL	<SRL	NA
Styrene	<SRL	<SRL	NA
1,1,2,2-Tetrachloroethane	<SRL	<SRL	NA
o-Xylene	<SRL	<SRL	NA
1,2,3-Trichloropropane	<SRL	<SRL	NA
Isopropylbenzene (Cumene)	<SRL	<SRL	NA
α-Pinene	<SRL	<SRL	NA
2-Chlorotoluene	<SRL	<SRL	NA
n-Propylbenzene	<SRL	<SRL	NA
4-Ethyltoluene	<SRL	<SRL	NA
1,3,5-Trimethylbenzene	<SRL	<SRL	NA
β-Pinene	<SRL	<SRL	NA
1,2,4-Trimethylbenzene	<SRL	<SRL	NA
Benzyl Chloride (a-Chlorotoluene)	<SRL	<SRL	NA
1,3-Dichlorobenzene	<SRL	<SRL	NA
1,4-Dichlorobenzene	<SRL	<SRL	NA
Sec-ButylBenzene	<SRL	<SRL	NA
1,2-Dichlorobenzene	<SRL	<SRL	NA
n-ButylBenzene	<SRL	<SRL	NA
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	NA
1,2,4-Trichlorobenzene	<SRL	<SRL	NA
Naphthalene	<SRL	<SRL	NA
Hexachlorobutadiene	<SRL	<SRL	NA

<sup>1</sup> Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

<sup>2</sup> Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)





## Field Data Sheets

		O <sub>2</sub>	CO <sub>2</sub>	NOx	CO	CH <sub>4</sub>	NMOC	ZERO
DATE	TIME	%	%	PPM	PPM	PPM	PPM	SPAN
7/16/2024	7:45:07	0.01	-0.03	-0.07	-0.04			
7/16/2024	7:48:07					450.77	45.37	
7/16/2024	7:51:08					253.12	25.14	
7/16/2024	7:52:08	20.46	18.37	45.15	125.56			
7/16/2024	7:54:08					148.16	15.93	
7/16/2024	7:57:09	10.47	9.55	23.07	84.39			
7/16/2024	8:09:11					-0.48	0.19	
7/16/2024	8:10:11			-0.01				
7/16/2024	8:11:11			2.55				
7/16/2024	8:12:12			3.00				
7/16/2024	8:13:12			3.34				
7/16/2024	8:14:12			3.45				
7/16/2024	8:15:12			3.46				
7/16/2024	8:16:12			3.55				
7/16/2024	8:17:12			3.67				
7/16/2024	8:18:13			3.68				
7/16/2024	8:19:13			3.68				
7/16/2024	8:20:13			3.70				
7/16/2024	8:21:13			3.71				
7/16/2024	8:22:13			3.72				
7/16/2024	8:23:13			3.87				
7/16/2024	8:01:10				84.73			
7/16/2024	8:05:10	-0.11	0.05	23.13				
7/16/2024	8:09:11	10.49	9.47	-0.09	-0.05			

# Ox Mountain (Los Trancos Canyon Landfill)

## Landfill Gas Flare A-7

RUN 1		O <sub>2</sub>	CO <sub>2</sub>	NOx	CO	CH <sub>4</sub>	NMOC
DATE	TIME	%	%	PPM	PPM	PPM	PPM
7/16/2024	8:46:17	12.72	7.17	11.84	-0.06	-0.56	0.01
7/16/2024	8:47:18	12.79	7.30	11.68	-0.08	-0.59	0.05
7/16/2024	8:48:18	12.41	7.49	12.29	-0.15	-0.52	0.15
7/16/2024	8:49:18	12.60	7.41	12.07	-0.21	-0.59	0.07
7/16/2024	8:50:18	13.06	7.04	11.26	-0.26	-0.66	0.09
7/16/2024	8:51:18	12.47	7.62	12.69	-0.31	-0.64	0.08
7/16/2024	8:52:18	12.75	7.38	13.09	-0.37	-0.51	0.09
7/16/2024	8:53:19	13.39	6.66	10.58	-0.16	-0.49	0.17
7/16/2024	8:54:19	13.08	6.99	10.61	-0.02	-0.50	0.14
7/16/2024	8:55:19	12.77	7.27	12.19	-0.34	-0.49	0.01
7/16/2024	8:56:19	12.79	7.21	11.78	-0.31	-0.60	0.01
7/16/2024	8:57:19	12.96	7.03	12.03	-0.37	-0.65	0.05
7/16/2024	8:58:19	13.11	6.79	11.41	-0.33	-0.58	0.09
7/16/2024	8:59:20	12.94	7.07	11.82	-0.04	-0.56	0.13
7/16/2024	9:00:20	12.11	7.85	14.14	-0.40	-0.52	0.12
7/16/2024	9:01:20	12.76	7.33	13.81	-0.37	-0.60	0.04
7/16/2024	9:02:20	12.65	7.27	12.26	-0.42	-0.53	-0.05
PORT CHANGE							
7/16/2024	9:06:21	13.75	6.01	10.27	0.39	0.55	0.03
7/16/2024	9:07:21	13.34	6.72	12.40	0.42	-0.55	0.10
7/16/2024	9:08:21	13.29	6.80	12.44	0.60	-0.47	0.29
7/16/2024	9:09:21	13.45	6.63	12.07	2.20	-0.59	0.29
7/16/2024	9:10:22	13.37	6.68	11.80	3.74	-0.51	0.26
7/16/2024	9:11:22	13.40	6.64	11.68	-0.02	-0.63	0.05
7/16/2024	9:12:22	13.05	6.96	12.35	-0.27	-0.46	0.04
7/16/2024	9:13:22	12.96	7.15	12.09	-0.47	-0.49	0.04
7/16/2024	9:14:22	12.99	7.18	12.16	-0.50	-0.62	0.03
7/16/2024	9:15:22	13.74	6.54	11.45	0.22	-0.56	-0.01
7/16/2024	9:16:23	14.19	5.83	10.39	1.41	-0.43	-0.04
7/16/2024	9:17:23	13.37	6.65	12.09	0.85	-0.45	-0.01
7/16/2024	9:18:23	13.16	6.88	12.18	-0.09	-0.61	0.00
7/16/2024	9:19:23	13.06	6.96	14.10	-0.49	-0.50	0.05
7/16/2024	9:20:23	13.22	6.84	11.90	-0.46	-0.50	0.01
7/16/2024	9:21:23	13.53	6.57	12.10	0.42	-0.47	0.15
7/16/2024	9:22:24	13.62	6.38	12.32	5.58	-0.45	0.10
AVERAGE		13.08	6.95	12.04	0.27	-0.51	0.08

7/16/2024	9:35:26					448.57	44.51
7/16/2024	9:37:26				85.67		
7/16/2024	9:40:27	-0.09	0.12	23.16			
7/16/2024	9:42:27	10.49	9.36	0.08	-0.06	-0.58	0.20

RUN 2		O <sub>2</sub>	CO <sub>2</sub>	NOx	CO	CH <sub>4</sub>	NMOC
TIME	%	%	PPM	PPM	PPM	PPM	PPM
9:47:28	13.19	6.86	11.86	-0.49	-0.63	0.30	
9:48:28	12.88	7.17	13.00	-0.61	-0.57	0.26	
9:49:28	12.97	7.13	12.80	-0.65	-0.54	0.31	
9:50:29	13.33	6.81	11.90	-0.52	-0.44	0.06	
9:51:29	13.47	6.66	11.60	-0.38	-0.66	0.11	
9:52:29	13.17	6.87	11.67	-0.39	-0.71	0.27	
9:53:29	13.15	6.92	12.11	-0.57	-0.61	0.27	
9:54:29	12.99	7.07	13.12	-0.60	-0.60	0.13	
9:55:29	13.26	6.91	12.97	-0.60	-0.50	0.04	
9:56:30	13.34	6.79	11.49	-0.54	-0.44	0.00	
9:57:30	13.10	7.02	11.06	-0.58	-0.59	0.00	
9:58:30	12.68	7.45	12.21	-0.64	-0.63	0.00	
9:59:30	13.35	6.80	11.25	-0.64	-0.40	0.03	
10:00:30	13.00	7.10	11.49	-0.57	-0.49	0.08	
10:01:30	13.35	6.84	11.46	-0.54	-0.50	0.19	
10:02:31	13.16	6.96	11.64	-0.47	-0.65	0.29	
10:03:31	13.31	6.82	11.69	-0.51	-0.60	0.26	
PORT CHANGE							
10:06:31	13.13	6.96	11.51	-0.63	-0.50	0.31	
10:07:31	13.22	7.02	11.59	-0.66	-0.59	0.30	
10:08:32	13.22	7.02	11.59	-0.66	-0.59	0.30	
10:09:32	13.10	6.99	10.54	0.89	-0.44	0.37	
10:10:32	12.25	7.75	12.67	-0.42	-0.50	0.29	
10:11:32	12.53	7.57	12.47	-0.19	-0.46	0.29	
10:12:32	12.90	7.24	11.31	0.15	-0.54	0.89	
10:13:33	12.79	7.29	11.39	-0.19	-0.56	0.41	
10:14:33	12.90	7.22	11.46	-0.44	-0.51	0.28	
10:15:33	12.54	7.56	11.52	-0.49	-0.47	0.29	
10:16:33	12.46	7.68	11.90	-0.53	-0.57	0.22	
10:17:33	12.57	7.49	11.78	-0.55	-0.55	0.19	
10:18:33	12.79	7.25	11.26	-0.59	-0.45	0.20	
10:19:34	12.60	7.40	11.24	-0.47	-0.54	0.00	
10:20:34	12.49	7.60	13.38	-0.62	-0.66	-0.05	
10:21:34	12.25	7.75	12.67	-0.53	-0.56	-0.05	
10:22:34	13.34	6.79	11.06	-0.58	-0.59	0.00	
AVERAGE		12.96	7.14	11.84	-0.47	-0.55	0.20

10:25:35					446.85	44.59
10:27:35				84.55		
10:31:36	-0.10	0.04	23.07			
10:34:36	10.50	9.47	0.03	-0.63	-0.41	0.50

RUN 3		O <sub>2</sub>	CO <sub>2</sub>	NOx	CO	CH <sub>4</sub>	NMOC
TIME	%	%	PPM	PPM	PPM	PPM	PPM
10:37:37	12.42	7.63	12.86	-0.62	-0.53	0.11	
10:38:37	12.87	7.27	12.37	-0.67	-0.56	0.15	
10:39:37	13.16	7.00	11.94	-0.56	-0.46	0.15	
10:40:37	12.97	7.17	11.92	-0.58	-0.47	0.15	
10:41:37	12.58	7.56	13.04	-0.65	-0.46	0.20	
10:42:38	12.90	7.34	12.66	-0.66	-0.58	0.27	
10:43:38	13.14	7.11	12.10	-0.65	-0.46	0.09	
10:44:38	13.15	7.17	11.85	-0.56	-0.52	0.29	
10:45:38	12.93	7.42	12.08	-0.64	-0.59	0.19	
10:46:38	12.36	7.73	14.19	-0.69	-0.50	0.28	
10:47:38	13.44	6.74	11.46	-0.29	-0.57	0.37	
10:48:39	12.81	7.23	11.35	-0.27	-0.67	0.22	
10:49:39	12.50	7.57	12.64	-0.64	-0.47	0.03	
10:50:39	12.67	7.35	12.63	-0.63	-0.63	0.31	
10:51:39	12.87	7.18	11.47	-0.27	-0.53	0.24	
10:52:39	12.46	7.80	12.49	-0.66	-0.49	0.06	
10:53:39	12.13	7.96	13.27	-0.70	-0.53	-0.03	
PORT CHANGE							
10:58:40	13.15	6.97	11.94	-0.36	-0.24	0.17	
10:59:41	13.41	6.68	11.87	0.06	-0.51	0.40	
11:00:41	13.30	6.82	11.72	0.51	-0.56	0.53	
11:01:41	12.91	7.19	12.30	-0.43	-0.46	0.35	
11:02:41	13.17	7.05	12.61	-0.56	-0.56	0.27	
11:03:41	13.38	6.69	11.19	0.21	-0.51	0.21	
11:04:41	12.83	7.25	12.51	0.05	-0.46	0.16	
11:05:42	12.87	7.25	12.18	-0.64	-0.40	0.16	
11:06:42	13.26	6.89	12.67	-0.58	-0.56	0.16	
11:07:42	13.27	6.88	12.10	-0.48	-0.51	0.21	
11:08:42	13.14	7.05	11.77	-0.60	-0.56	0.16	
11:09:42	13.35	7.04	11.49	-0.65	-0.44	0.22	
11:10:42	13.26	6.81	11.40	-0.60	-0.50	0.18	
11:11:43	13.45	6.75	11.34	-0.50	-0.51	0.14	
11:12:43	13.29	6.81	11.39	-0.53	-0.50	0.13	
11:13:43	12.68	7.48	12.21	-0.69	-0.63	0.09	
11:14:43	13.22	7.00	11.79	-0.67	-0.37	0.30	
AVERAGE		12.98	7.17	12.14	-0.48	-0.51	0.20

11:18:44					455.06	45.02
11:22:45				84.35		
11:24:45	-0.13	0.10	23.11			
11:26:45	10.44	9.45	0.00	-0.55	-0.57	0.30

Method \_\_\_\_\_ Sampling Data Sheet

Facility: OK MNT Meter #: YMH-12 Pbar: 30.01  
 Location: LOWER FLOOR Yd: 0.953 % O<sub>2</sub>: \_\_\_\_\_  
 Date: 7-16-24 Pyrometer #: KPC-12 % CO<sub>2</sub>: \_\_\_\_\_  
 Personnel: JRS % H<sub>2</sub>O: \_\_\_\_\_

Point	Time	Meter Vol, l <sup>r</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
6	0845	100.600	93	46	3	1.7
5	5	103.24	95	48	3	1.7
4	10	106.94	95	49	3	1.7
3	15	110.761	98	50	3	1.7
2	20	114.76	96	50	3	1.7
1	25	118.16	97	50	3	1.7
ENV	30	121.888				
TOTAL/AVG		21.288	953			

Initial Leak Check 0.002 CFM 13 Hg  
 Final Leak Check 0.001 CFM 10 Hg

	Initial	Final	Net
Impinger #1	143.6	286.2	33.3
Impinger #2	805.8	805.8	3.7
Impinger #3	541.7	541.7	4.9
Silica Gel	847.2	907.8	3.1
Total Net:			47.0
% Moisture			

10.02

Point	Time	Meter Vol, l <sup>r</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
6	0945	121.000	99	44	3	1.7
5	5	128.84	100	49	3	1.7
4	10	132.81	101	50	3	1.7
3	15	136.343	100	49	3	1.7
2	20	140.10	102	50	3	1.7
1	25	143.16	102	51	3	1.7
ENV	30	147.552				
TOTAL/AVG		23.552	100.7			

Initial Leak Check 0.002 CFM 12 Hg  
 Final Leak Check 0.001 CFM 10 Hg

	Initial	Final	Net
Impinger #1	286.7	819.7	33.5
Impinger #2	805.8	808.6	2.8
Impinger #3	762.1	761.5	-0.6
Silica Gel	907.8	909.7	1.9
Total Net:			37.6
% Moisture			

Point	Time	Meter Vol, l <sup>r</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
6	1037	149.000	101	44	3	1.7
5	5	148.000	101	49	3	1.7
4	10	156.3	102	50	3	1.7
3	15	159.853	102	50	3	1.7
2	20	163.5	103	51	3	1.7
1	25	167.1	103	51	3	1.7
ENV	30	170.706				
TOTAL/AVG		21.706	102.0			

Initial Leak Check 0.003 CFM 14 Hg  
 Final Leak Check 0.001 CFM 8 Hg

	Initial	Final	Net
Impinger #1	819.7	838.6	18.9
Impinger #2	808.6	809.0	0.4
Impinger #3	761.5	761.5	-2.0
Silica Gel	909.7	917.6	7.9
Total Net:			25.2
% Moisture			

Vw std = (0.00267 \* Vw \* (Tstd + 460)) / 29.92

Vm std = Vm \* Yd \* (Tstd + 460) \* (Pb + (ΔH / 13.6)) / (Tm + 460) / 29.92

Stack Moisture H<sub>2</sub>O % = BRP Vw std / (Vw std + Vm std)

Comments:

## **Process Information**

**Ox Mountain Landfill**  
**Half-Moon Bay, CA**  
**A-7**

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F		Temperature average
			MIN	MAX	MIN	MAX	
<b>Run #1</b>							
2024/07/16	08:46:00	0.000	1,373	1,413	1,589	1,629	1,609
2024/07/16	08:48:00	0.000	1,376	1,410	1,584	1,664	1,624
2024/07/16	08:50:00	0.000	1,378	1,412	1,599	1,646	1,623
2024/07/16	08:52:00	0.000	1,387	1,420	1,622	1,654	1,638
2024/07/16	08:54:00	0.000	1,389	1,422	1,593	1,625	1,609
2024/07/16	08:56:00	0.000	1,389	1,424	1,624	1,636	1,630
2024/07/16	08:58:00	0.000	1,376	1,407	1,601	1,637	1,619
2024/07/16	09:00:00	0.000	1,372	1,404	1,593	1,658	1,626
2024/07/16	09:02:00	0.000	1,360	1,402	1,597	1,655	1,626
2024/07/16	09:04:00	0.000	1,370	1,406	1,609	1,650	1,630
2024/07/16	09:06:00	0.000	1,384	1,417	1,616	1,631	1,624
2024/07/16	09:08:00	0.000	1,388	1,427	1,631	1,638	1,635
2024/07/16	09:10:00	0.000	1,397	1,421	1,601	1,631	1,616
2024/07/16	09:12:00	0.000	1,388	1,418	1,612	1,626	1,619
2024/07/16	09:14:00	0.000	1,376	1,415	1,626	1,648	1,637
2024/07/16	09:16:00	0.000	1,368	1,400	1,615	1,636	1,626
2024/07/16	09:18:00	0.000	1,361	1,394	1,601	1,625	1,613
2024/07/16	09:20:00	0.000	1,369	1,408	1,625	1,648	1,637
2024/07/16	09:22:00	0.000	1,381	1,410	1,599	1,631	1,615
<b>Average</b>		<b>0.000</b>	<b>1,395</b>		<b>1,624</b>		<b>--</b>
<b>Run #2</b>							
2024/07/16	09:48:00	0.000	1,372	1,397	1,597	1,650	1,624
2024/07/16	09:50:00	0.000	1,368	1,400	1,617	1,650	1,634
2024/07/16	09:52:00	0.000	1,358	1,398	1,601	1,621	1,611
2024/07/16	09:54:00	0.000	1,358	1,393	1,620	1,655	1,638
2024/07/16	09:56:00	0.000	1,354	1,391	1,600	1,655	1,628
2024/07/16	09:58:00	0.000	1,363	1,413	1,600	1,655	1,628
2024/07/16	10:00:00	0.000	1,390	1,421	1,624	1,655	1,640
2024/07/16	10:02:00	0.000	1,388	1,425	1,607	1,625	1,616
2024/07/16	10:04:00	0.000	1,378	1,416	1,617	1,624	1,621
2024/07/16	10:06:00	0.000	1,390	1,416	1,609	1,646	1,628
2024/07/16	10:08:00	0.000	1,383	1,421	1,604	1,658	1,631
2024/07/16	10:10:00	0.000	1,381	1,418	1,591	1,646	1,619
2024/07/16	10:12:00	0.000	1,379	1,408	1,605	1,647	1,626
2024/07/16	10:14:00	0.000	1,363	1,406	1,603	1,621	1,612
2024/07/16	10:16:00	0.000	1,371	1,405	1,612	1,650	1,631
2024/07/16	10:18:00	0.000	1,367	1,401	1,600	1,651	1,626
2024/07/16	10:20:00	0.000	1,369	1,400	1,596	1,657	1,627
2024/07/16	10:22:00	0.000	1,366	1,403	1,588	1,650	1,619
<b>Average</b>		<b>0.000</b>	<b>1,390</b>		<b>1,625</b>		<b>--</b>
<b>Run #3</b>							
2024/07/16	10:38:00	0.000	1,378	1,417	1,613	1,651	1,632
2024/07/16	10:40:00	0.000	1,364	1,411	1,604	1,626	1,615
2024/07/16	10:42:00	0.000	1,382	1,409	1,612	1,650	1,631
2024/07/16	10:44:00	0.000	1,381	1,411	1,598	1,638	1,618
2024/07/16	10:46:00	0.000	1,387	1,420	1,589	1,673	1,631
2024/07/16	10:48:00	0.000	1,392	1,424	1,588	1,658	1,623
2024/07/16	10:50:00	0.000	1,396	1,424	1,613	1,663	1,638
2024/07/16	10:52:00	0.000	1,396	1,429	1,582	1,636	1,609
2024/07/16	10:54:00	0.000	1,402	1,429	1,599	1,657	1,628
2024/07/16	10:56:00	0.000	1,413	1,451	1,599	1,632	1,616
2024/07/16	10:58:00	0.000	1,402	1,441	1,629	1,634	1,632
2024/07/16	11:00:00	0.000	1,394	1,431	1,599	1,631	1,615
2024/07/16	11:02:00	0.000	1,388	1,421	1,599	1,658	1,629
2024/07/16	11:04:00	0.000	1,368	1,415	1,586	1,632	1,609
2024/07/16	11:06:00	0.000	1,380	1,414	1,623	1,642	1,633
2024/07/16	11:08:00	0.000	1,392	1,428	1,611	1,623	1,617
2024/07/16	11:10:00	0.000	1,404	1,437	1,615	1,644	1,630
2024/07/16	11:12:00	0.000	1,411	1,440	1,594	1,633	1,614
2024/07/16	11:14:00	0.000	1,411	1,442	1,604	1,650	1,627
<b>Average</b>		<b>0.000</b>	<b>1,409</b>		<b>1,623</b>		<b>--</b>

## **Gas Certificates**



WestAir Gases & Equipment, Inc.  
 3001 E. Miraloma Avenue  
 Anaheim, CA 92806  
 Telephone: (714) 860-4830  
 ISO 17025:2017 Accredited Company  
 EPA PGVP ID# W12023

# EPA PROTOCOL

## CERTIFICATE OF ANALYSIS

**CUSTOMER NAME:** Blue Sky Environmental  
**ADDRESS:** 2312 American Ave  
 Hayward, CA 95219

**DATE ISSUED:** 7/25/2023  
**ORDER NUMBER:** 2254201  
**CYLINDER SIZE:** DA  
**VALVE CONNECTION:** CGA 590  
**VOLUME:** 140 scf  
**LOT NUMBER:** 00071323B50  
**FILL PRESSURE:** 2000 psig at 70° F.  
**PART NUMBER:** NI 15E11-DA  
**BARCODE:** WGE000176857

**PURCHASE ORDER #:**  
**CERTIFIED DATE:** 7/19/2023  
**EXPIRATION DATE:** 7/20/2031  
**SHELF LIFE (YEARS):** 8

ANALYSIS RESULTS					
ANALYZED CYLINDER SERIAL NUMBER	COMPONENT	REQUESTED CONCENTRATION	CERTIFIED CONCENTRATION	EXPANDED UNCERTAINTY	ASSAY DATES
EB0166857	Carbon Dioxide	9.5 %	9.48 %	±0.06 % Abs.	07/19/2023
	Oxygen	10.5 %	10.55 %	±0.05 % Abs.	07/19/2023
	Nitrogen	BALANCE	BALANCE	—	—

**Method:** This standard was analyzed according to EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards, EPA 600/R-12/531, May 2012, Procedure G1.

**DO NOT USE THIS STANDARD WHEN CYLINDER PRESSURE IS BELOW 100 PSIG.**

**REFERENCE STANDARDS**

TYPE / SRM, GMIS, PRM	STANDARD	SERIAL NO.	CONCENTRATION	LOT NO.	EXPIRATION
GMIS	Carbon Dioxide	CC720807	18.08 % ±0.08 % Abs.	00050319C50	12/2/2030
GMIS	Oxygen	CC720741	20.99 % ±0.05 % Abs.	00050719C50	11/20/2030

**GMIS TRACEABLE TO:**

PRM	STANDARD	SERIAL NO.	CONCENTRATION	LOT NO.	EXPIRATION
PRM	Carbon Dioxide	D791384	18.023 % ±0.018 % Abs.	C1688310.04	5/29/2024
SRM 2659a	Oxygen	FF60997	20.753 % ±0.021 % Abs.	71-F-38	2/27/2026

**INSTRUMENTATION INFORMATION**

INSTRUMENT / MODEL	SERIAL NUMBER	CALIBRATION DATE	ANALYTICAL PRINCIPLE
Horiba VA-5001	ECLG4BAU	7/19/2023	NDIR
Horiba VA-5006	NU3PVL2	7/10/2023	Paramagnetic

**PRINCIPAL ANALYST:** Miguel Calvillo  
  
 \_\_\_\_\_  
**SIGNATURE** **DATE** 7/25/2023

*The product furnished under the stated reference lot number has been tested and found to contain the component concentrations listed above. All values are reported in mol/mol basis gas phase. WestAir Gases & Equipment, Inc. warrants that the above product conforms, at the time of shipment, to the above description. WestAir Gases & Equipment, Inc. liability does not exceed the value of the product purchased. Specifications are reviewed annually and are subject to change without notice.*

*This certificate of analysis applies only to the item described and shall not be reproduced, other than in full, without written approval from WestAir Gases & Equipment, Inc. Please do not use cylinder below 100 psig. Note: ppm = µmol/mol*



WestAir Gases & Equipment, Inc.  
 3001 E. Miraloma Avenue  
 Anaheim, CA 92806  
 Telephone: (714) 860-4830  
 ISO 17025:2017 Accredited Company  
 EPA PGVP ID# W12023

# EPA PROTOCOL

## CERTIFICATE OF ANALYSIS

**CUSTOMER NAME:** Blue Sky  
**ADDRESS:** 2312 American Ave  
 Hayward, CA 94545

**DATE ISSUED:** 12/23/2023  
**ORDER NUMBER:**  
**CYLINDER SIZE:** DA  
**VALVE CONNECTION:** CGA 590  
**VOLUME:** 140 scf  
**LOT NUMBER:** 00121423A50  
**FILL PRESSURE :** 2000 psig at 70° F.  
**PART NUMBER:** NI 15E10-DA  
**BARCODE:** WGE000201371

**PURCHASE ORDER #:**  
**CERTIFIED DATE:** 12/21/2023  
**EXPIRATION DATE:** 12/22/2031  
**SHELF LIFE (YEARS):** 8

ANALYSIS RESULTS					
ANALYZED CYLINDER SERIAL NUMBER	COMPONENT	REQUESTED CONCENTRATION	CERTIFIED CONCENTRATION	EXPANDED UNCERTAINTY	ASSAY DATES
CC462055	Carbon Dioxide	18.5 %	18.49 %	±0.20 % Abs.	12/21/2023
	Oxygen	20.5 %	20.43 %	±0.03 % Abs.	12/21/2023
	Nitrogen	BALANCE	BALANCE	—	—

**Method:**

This standard was analyzed according to EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards, EPA 600/R-12/531, May 2012, Procedure G1.

**DO NOT USE THIS STANDARD WHEN CYLINDER PRESSURE IS BELOW 100 PSIG.**

**REFERENCE STANDARDS**

TYPE / SRM, GMIS, PRM	STANDARD	SERIAL NO.	CONCENTRATION	LOT NO.	EXPIRATION
GMIS	Carbon Dioxide	CC720807	18.08 % ±0.08 % Abs.	00050319C50	12/2/2030
GMIS	Oxygen	CC762950	25.12 % ±0.03 % Abs.	00092523A50	12/16/2031
<b>GMIS TRACEABLE TO:</b>					
PRM	Carbon Dioxide	D791384	18.023 % ±0.018 % Abs.	C1688310.04	5/29/2024
PRM C2287501	Oxygen	D044065	25.057 % ±0.025 % Abs.	C2287501	10/20/2027

**INSTRUMENTATION INFORMATION**

INSTRUMENT / MODEL	SERIAL NUMBER	CALIBRATION DATE	ANALYTICAL PRINCIPLE
Horiba VA-5001	ECLG4BAU	12/21/2023	NDIR
Horiba VA-5006	NU3PUVL2	12/15/2023	Paramagnetic

**PRINCIPAL ANALYST:**

Miguel Calvillo



**SIGNATURE**

**DATE**

The product furnished under the stated reference lot number has been tested and found to contain the component concentrations listed above. All values are reported in mol/mol basis gas phase. WestAir Gases & Equipment, Inc. warrants that the above product conforms, at the time of shipment, to the above description. WestAir Gases & Equipment, Inc. liability does not exceed the value of the product purchased. Specifications are reviewed annually and are subject to change without notice. This certificate of analysis applies only to the item described and shall not be reproduced, other than in full, without written approval from WestAir Gases & Equipment, Inc. Please do not use cylinder below 100 psig. Note: ppm = µmol/mol.

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI99E15AC356	Reference Number: 153-402750885-1
Cylinder Number: EB0155049	Cylinder Volume: 144.0 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72023	Valve Outlet: 660
Gas Code: CO,NO,NOX,BALN	Certification Date: May 31, 2023

**Expiration Date: May 31, 2026**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	22.50 PPM	23.07 PPM	G1	+/- 1.2% NIST Traceable	05/23/2023, 05/31/2023
CARBON MONOXIDE	22.50 PPM	22.41 PPM	G1	+/- 0.6% NIST Traceable	05/23/2023
NITRIC OXIDE	22.50 PPM	22.90 PPM	G1	+/- 1.1% NIST Traceable	05/23/2023, 05/31/2023
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	20060920	CC714889	26.54 PPM CARBON MONOXIDE/NITROGEN	0.4%	Jun 28, 2027
NTRM	190605	19060528	495.2 PPM SULFUR DIOXIDE/NITROGEN	0.5%	Aug 02, 2025
NTRM	12010507	KAL004854	20.00 PPM NITRIC OXIDE/NITROGEN	1.1%	Feb 13, 2024
NTRM	12010507	KAL004854-NOX	20.00 PPM NOx/NITROGEN	1.1%	Feb 13, 2024

The SRM, NTRM, PRM, or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Thermo 48i-TLE 1163640031 CO	CO NDIR (Mason)	Apr 26, 2023
Thermo 42i-LS 1123749327 NO	Chemiluminescence (Mason)	May 03, 2023
Thermo 42i-LS 1123749327 NOx	Chemiluminescence (Mason)	May 03, 2023

Triad Data Available Upon Request



\_\_\_\_\_  
Signature on file

Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI99E15A0259	Reference Number:	153-402686860-1
Cylinder Number:	EB0048303	Cylinder Volume:	144.3 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72023	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	Mar 21, 2023

**Expiration Date: Mar 21, 2026**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	45.00 PPM	45.07 PPM	G1	+/- 1.4% NIST Traceable	03/14/2023, 03/21/2023
CARBON MONOXIDE	45.00 PPM	45.25 PPM	G1	+/- 0.8% NIST Traceable	03/14/2023
NITRIC OXIDE	45.00 PPM	45.05 PPM	G1	+/- 1.4% NIST Traceable	03/14/2023, 03/21/2023
NITROGEN	Balance				

### CALIBRATION STANDARDS

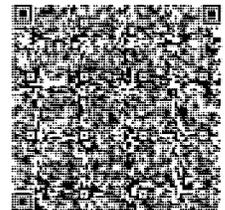
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12011221	KAL004127	49.24 PPM CARBON MONOXIDE/NITROGEN	0.6%	Aug 31, 2024
PRM	12409	D913660	15.01 PPM NITROGEN DIOXIDE/AIR	1.5%	Feb 17, 2023
NTRM	21060713	CC708049	48.41 PPM NITRIC OXIDE/NITROGEN	1.2%	Sep 24, 2025
GMIS	1534012021103	ND73012	4.956 PPM NITROGEN DIOXIDE/NITROGEN	1.6%	Jun 15, 2025

The SRM, NTRM, PRM, or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet iS50 AUP2110269 CO LCO	FTIR	Feb 15, 2023
Nicolet iS50 AUP2110269 NO LNO	FTIR	Feb 23, 2023
Nicolet iS50 AUP2110269 NO2 impurity	FTIR NO2 impurity	Mar 09, 2023

Triad Data Available Upon Request



**Approved for Release**

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number:	E03NI99E15A0457	Reference Number:	153-401259910-1
Cylinder Number:	EB0067534	Cylinder Volume:	144.3 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72018	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	Aug 06, 2018

**Expiration Date: Aug 06, 2026**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	85.00 PPM	84.45 PPM	G1	+/- 1.4% NIST Traceable	07/30/2018, 08/06/2018
CARBON MONOXIDE	85.00 PPM	85.44 PPM	G1	+/- 0.9% NIST Traceable	07/30/2018
NITRIC OXIDE	85.00 PPM	84.41 PPM	G1	+/- 1.4% NIST Traceable	07/30/2018, 08/06/2018
NITROGEN	Balance			-	

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	09010221	KAL004821	98.48 PPM CARBON MONOXIDE/NITROGEN	0.5%	Jan 14, 2019
PRM	12376	D562879	10.01 PPM NITROGEN DIOXIDE/NITROGEN	2.0%	Aug 17, 2018
NTRM	13010413	KAL004013	97.6 PPM NITRIC OXIDE/NITROGEN	0.8%	May 09, 2019
GMIS	7301017103	CC506597	4.451 PPM NITROGEN DIOXIDE/NITROGEN	2.0%	Dec 18, 2020

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801550 CO MCO	FTIR	Jul 12, 2018
Nicolet 6700 AHR0801550 NO MNO	FTIR	Jul 25, 2018
Nicolet 6700 AHR0801550 NO2 impurity	FTIR NO2 impurity	Jul 26, 2018

Triad Data Available Upon Request



Signature on file

Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI99E15A0362	Reference Number: 153-401853952-1
Cylinder Number: CC222156	Cylinder Volume: 144.4 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72020	Valve Outlet: 660
Gas Code: CO,NO,NOX,BALN	Certification Date: Jul 20, 2020

**Expiration Date: Jul 20, 2028**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	125.0 PPM	126.9 PPM	G1	+/- 0.9% NIST Traceable	07/13/2020, 07/20/2020
CARBON MONOXIDE	125.0 PPM	124.2 PPM	G1	+/- 0.7% NIST Traceable	07/13/2020
NITRIC OXIDE	125.0 PPM	126.6 PPM	G1	+/- 0.9% NIST Traceable	07/13/2020, 07/20/2020
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	09010219	KAL004817	98.48 PPM CARBON MONOXIDE/NITROGEN	0.5%	Oct 16, 2024
PRM	12376	D562879	10.01 PPM NITROGEN DIOXIDE/NITROGEN	2.0%	Aug 17, 2018
NTRM	13010403	KAL003411	97.6 PPM NITRIC OXIDE/NITROGEN	0.8%	Jul 23, 2025
PRM	12386	D685025	9.91 PPM NITROGEN DIOXIDE/AIR	2.0%	Feb 20, 2020
GMIS	7302017111	CC511391	4.634 PPM NITROGEN DIOXIDE/NITROGEN	2.0%	Aug 15, 2021
GMIS	401203436105	CC513880	4.732 PPM NITROGEN DIOXIDE/NITROGEN	2.1%	May 02, 2022

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801550 CO LCO	FTIR	Jul 01, 2020
Nicolet 6700 AHR0801550 NO LNO	FTIR	Jul 15, 2020
Nicolet 6700 AHR0801550 NO2 impurity	FTIR NO2 impurity	Jul 16, 2020

Triad Data Available Upon Request



Signature on file

Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03AI99E15A0080	Reference Number: 153-402016119-1
Cylinder Number: CC734840	Cylinder Volume: 146.2 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72021	Valve Outlet: 590
Gas Code: CH4,PPN,BALA	Certification Date: Feb 02, 2021

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	5.000 PPM	5.101 PPM	G1	+/- 1.4% NIST Traceable	02/02/2021
METHANE	150.0 PPM	150.7 PPM	G1	+/- 0.7% NIST Traceable	02/01/2021
AIR	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	17060910	ND61548	9.800 PPM PROPANE/AIR	0.5%	Jul 24, 2023
NTRM	16060812	CC471305	98.84 PPM METHANE/AIR	0.6%	Mar 28, 2022

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AMP0900119 CH4 M1CH4	FTIR	Jan 21, 2021
MKS FTIR C3H8 018143349	FTIR	Jan 21, 2021

Triad Data Available Upon Request



\_\_\_\_\_  
Signature on file

Approved for Release

## CERTIFICATE OF ANALYSIS

### Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03AI99E15A0081	Reference Number:	153-402691796-1
Cylinder Number:	CC217257	Cylinder Volume:	146.0 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72023	Valve Outlet:	590
Gas Code:	CH4,PPN,BALA	Certification Date:	Mar 21, 2023

**Expiration Date: Mar 21, 2031**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS					
Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	8,500 PPM	8,245 PPM	G1	+/- 1.4% NIST Traceable	03/21/2023
METHANE	250.0 PPM	248.0 PPM	G1	+/- 1.4% NIST Traceable	03/21/2023
AIR	Balance				

CALIBRATION STANDARDS					
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	17060917	ND61581	9,800 PPM PROPANE/AIR	0.5%	Jul 24, 2023
NTRM	08011609	K020818	496.5 PPM METHANE/NITROGEN	0.6%	Aug 08, 2024

ANALYTICAL EQUIPMENT		
Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet iS50 AUP2110269 CH4 M1CH4	FTIR	Mar 07, 2023
MKS FTIR C3H8 018143349	FTIR	Mar 01, 2023

Triad Data Available Upon Request



*[Signature]*  
Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03AI99E15A0082	Reference Number:	153-403004001-1
Cylinder Number:	CC245200	Cylinder Volume:	146.0 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72024	Valve Outlet:	590
Gas Code:	CH4,PPN,BALA	Certification Date:	Apr 02, 2024

**Expiration Date: Apr 02, 2032**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	15.00 PPM	14.76 PPM	G1	+/- 1.4% NIST Traceable	04/02/2024
METHANE	450.0 PPM	449.6 PPM	G1	+/- 0.7% NIST Traceable	04/01/2024
AIR	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	17060918	ND61583	9.800 PPM PROPANE/AIR	0.5%	Mar 07, 2029
NTRM	16060404	CC471136	500.5 PPM METHANE/AIR	0.6%	Dec 03, 2027

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet iS50 AUP2110269 CH4 M1CH4	FTIR	Mar 12, 2024
MKS FTIR C3H8 018143349	FTIR	Mar 20, 2024

Triad Data Available Upon Request



Signature on file

Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E02NI99E15WC008	Reference Number:	54-402246618-1
Cylinder Number:	CC513916	Cylinder Volume:	144.0 CF
Laboratory:	124 - Chicago (SAP) - IL	Cylinder Pressure:	2014 PSIG
PGVP Number:	B12021	Valve Outlet:	660
Gas Code:	NO2,BALN	Certification Date:	Oct 26, 2021

**Expiration Date: Oct 26, 2024**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NITROGEN DIOXIDE	4.000 PPM	4.053 PPM	G1	+/- 1.9% NIST Traceable	10/19/2021, 10/26/2021
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
GMIS	1534002020103	EB0130041	4.923 PPM NITROGEN DIOXIDE/AIR	+/- 2.0%	Apr 30, 2024
PRM	12395	D887660	9.91 PPM NITROGEN DIOXIDE/AIR	+/- 2.0%	Feb 02, 2022

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
MKS FTIR NO2 017707558	FTIR	Oct 14, 2021

Triad Data Available Upon Request

PERMANENT NOTES: Oxygen added for stability



\_\_\_\_\_  
Signature on file

Approved for Release

## **Equipment Calibrations**

## METHOD 5 DRY GAS METER CALIBRATION USING CRITICAL ORIFICES

- 1) Select three critical orifices to calibrate the dry gas meter which bracket the expected operating range.
- 2) Record barometric pressure before and after calibration procedure.
- 3) Run at tested vacuum (from Orifice Calibration Report), for a period of time necessary to achieve a minimum total volume of 5 cubic feet.
- 4) Record readings in outlined boxes below, other columns are automatically calculated.

DATE:		1/10/24		METER SERIAL #:		234702		BAROMETRIC PRESSURE (in Hg):		INITIAL	FINAL	AVG (P <sub>bar</sub> )		IF Y VARIATION EXCEEDS 2.00%, ORIFICE SHOULD BE RECALIBRATED ↓				
TIME:		12:30		CRITICAL ORIFICE SET SERIAL #:		1380S		PERSONNEL:		ZS								
METER PART #:		XCM-12																
ORIFICE #	RUN #	K' FACTOR (AVG)	TESTED VACUUM (in Hg)	DGM READINGS (FT <sup>3</sup> )			TEMPERATURES °F			ELAPSED TIME (MIN) θ	DGM ΔH (in H <sub>2</sub> O)	(1) V <sub>m</sub> (STD)	(2) V <sub>cr</sub> (STD)	(3) Y	Y VARIATION (%)	ΔH <sub>@</sub>		
				INITIAL	FINAL	NET (V <sub>m</sub> )	AMBIENT	DGM INLET INITIAL FINAL	DGM AVG									
16	1	0.4258	24	280.955	286.569	5.614	54	48	48	48.0	10.00	0.97	5.9067	5.6755	0.9609	1.7822		
	2	0.4258	24	286.569	292.172	5.603	54	48	48	48.0	10.00	0.97	5.8952	5.6755	0.9627	1.7822		
	3	0.4258	24	292.172	297.782	5.610	54	48	48	48.0	10.00	0.97	5.9025	5.6755	0.9615	1.7822		
														AVG =	0.9617	0.36		
22	1	0.5856	21	297.782	303.949	6.167	54	48	48	48.0	8.00	1.80	6.5016	6.2444	0.9604	1.7520		
	2	0.5856	21	303.949	310.118	6.169	54	48	48	48.0	8.00	1.80	6.5038	6.2444	0.9601	1.7520		
	3	0.5856	21	310.118	316.395	6.277	54	48	48	48.0	8.00	1.80	6.6176	6.2444	0.9436	1.7520		
														AVG =	0.9547	-0.37		
25	1	0.6767	20	316.395	322.569	6.174	54	48	49	48.5	7.00	2.40	6.5121	6.3139	0.9696	1.7502		
	2	0.6767	20	322.569	328.849	6.280	56	49	50	49.5	7.00	2.40	6.6109	6.3016	0.9532	1.7536		
	3	0.6767	20	328.849	335.142	6.293	56	50	50	50.0	7.00	2.40	6.6181	6.3016	0.9522	1.7519		
														AVG =	0.9583	0.01		

**USING THE CRITICAL ORIFICES AS CALIBRATION STANDARDS:**

The following equations are used to calculate the standard volumes of air passed through the DGM, V<sub>m</sub> (std), and the critical orifice, V<sub>cr</sub> (std), and the DGM calibration factor, Y. These equations are automatically calculated in the spreadsheet above.

**AVERAGE DRY GAS METER CALIBRATION FACTOR, Y = 0.9583**

**PREVIOUS AVERAGE DRY GAS METER CALIBRATION FACTOR, Y = 0.9710**  
**AVERAGE ΔH<sub>@</sub> = 1.7620**

**1.33 PASS**

(1)  $V_{m(std)} = K_1 * V_m * \frac{P_{bar} + (\Delta H / 13.6)}{T_m}$  = Net volume of gas sample passed through DGM, corrected to standard conditions  
 K<sub>1</sub> = 17.64 °R/in. Hg (English), 0.3858 °K/mm Hg (Metric)  
 T<sub>m</sub> = Absolute DGM avg. temperature (°R - English, °K - Metric)

(2)  $V_{cr(std)} = K * \frac{P_{bar} * \Theta}{\sqrt{T_{amb}}}$  = Volume of gas sample passed through the critical orifice, corrected to standard conditions  
 T<sub>amb</sub> = Absolute ambient temperature (°R - English, °K - Metric)  
 K = Average K' factor from Critical Orifice Calibration

(3)  $Y = \frac{V_{cr(std)}}{V_{m(std)}}$  = DGM calibration factor

$$\Delta H_{@} = \left( \frac{0.75 \theta}{V_{cr(std)}} \right)^2 \Delta H \left( \frac{V_{m(std)}}{V_m} \right)$$

**BLUE SKY ENVIRONMENTAL, INC**

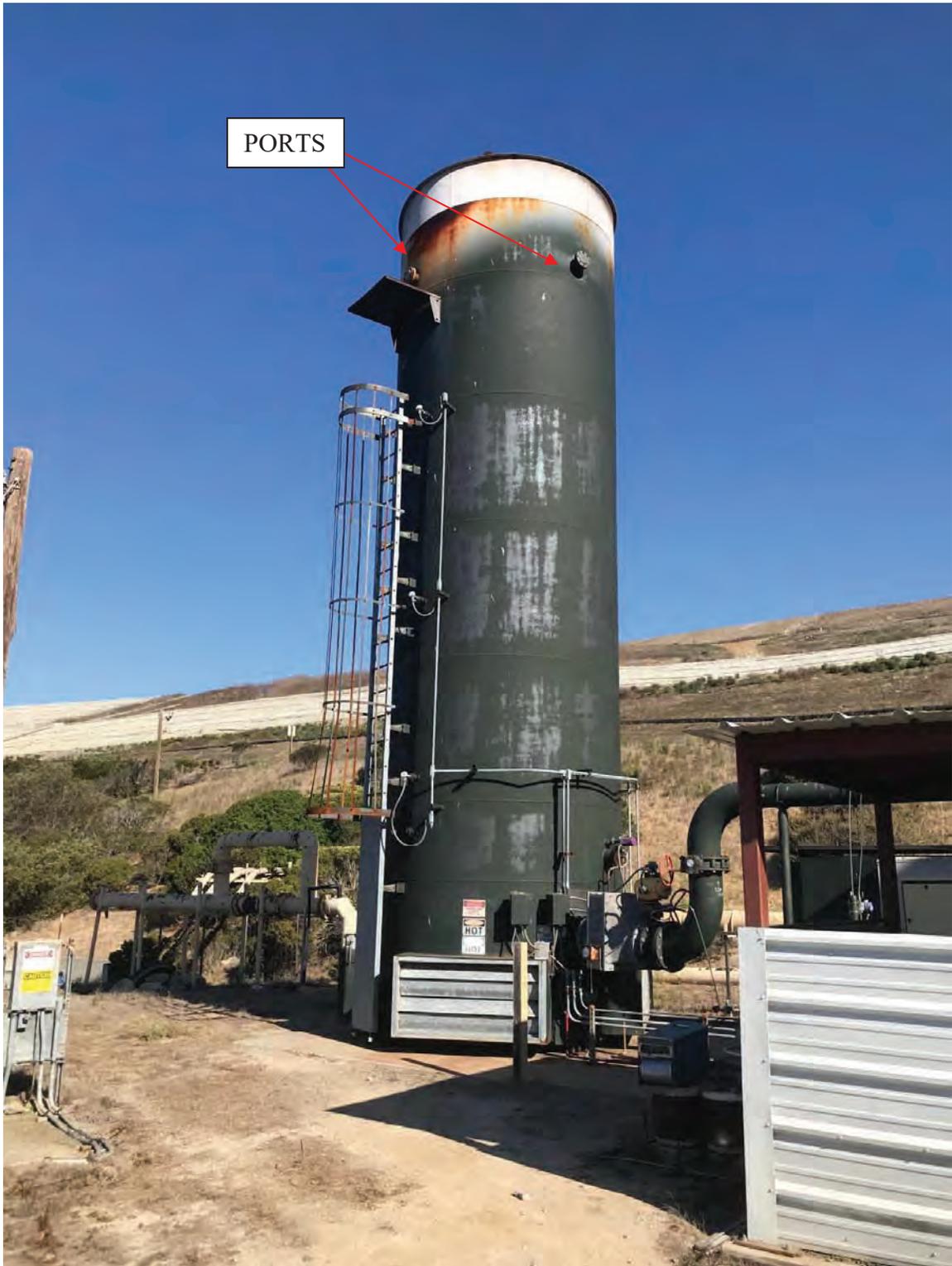
**Thermometer/Thermocouple Calibration**

Item **XCM-12 DGM TC & Digital Thermocouple Display**  
 Units **°F**  
 Reference Devices **NIST Standards: Mercury -30 - 120 °F 304937**  
**Mercury 0 - 230 °F T2022-1**  
**Mercury 14 - 590 °F T315C**  
 TC Simulator: **FLUKE 724 TEMPERATURE CALIBRATOR**  
 Pyrometer: **FLUKE 724 TEMPERATURE CALIBRATOR**  
 Reference Values Ice Water 32 Ambient 52  
 Boiling Water 212

CALIBRATION DATE	T/C IDENTIFICATION	REFERENCE READING	DEVICE READING	°F DIFFERENCE <400°F	% DIFFERENCE >400°F	CALIBRATED BY
1/10/2024	AUX	32	30	2		ZS
		212	212	0		
		932	932	0	0.00	
		1832	1832	0	0.00	
1/10/2024	STACK	32	32	0		ZS
		212	213	-1		
		932	934	-2	-0.21	
		1832	1833	-1	-0.05	
1/10/2024	PROBE	32	33	-1		ZS
		212	214	-2		
		932	935	-3	-0.32	
		1832	1834	-2	-0.11	
1/10/2024	OVEN	32	33	-1		ZS
		212	214	-2		
		932	934	-2	-0.21	
		1832	1835	-3	-0.16	
1/10/2024	FILTER	32	33	-1		ZS
		212	214	-2		
		932	934	-2	-0.21	
		1832	1833	-1	-0.05	
1/10/2024	EXIT	32	34	-2		ZS
		212	215	-3		
		932	935	-3	-0.32	
		1832	1833	-1	-0.05	
1/10/2024	TC OUT	Ice Water 32	33	-1		ZS
		Ambient 52	51	1		
		Boiling Water 212	212	0		

40CFR60, Appendix, Method 2  
 Tolerance Limits: +/- 4 °F for <400°F  
 Tolerance Limits: +/- 1.5% for >400°F  
 Calibration Frequency: 6 mo.

## Stack Diagram

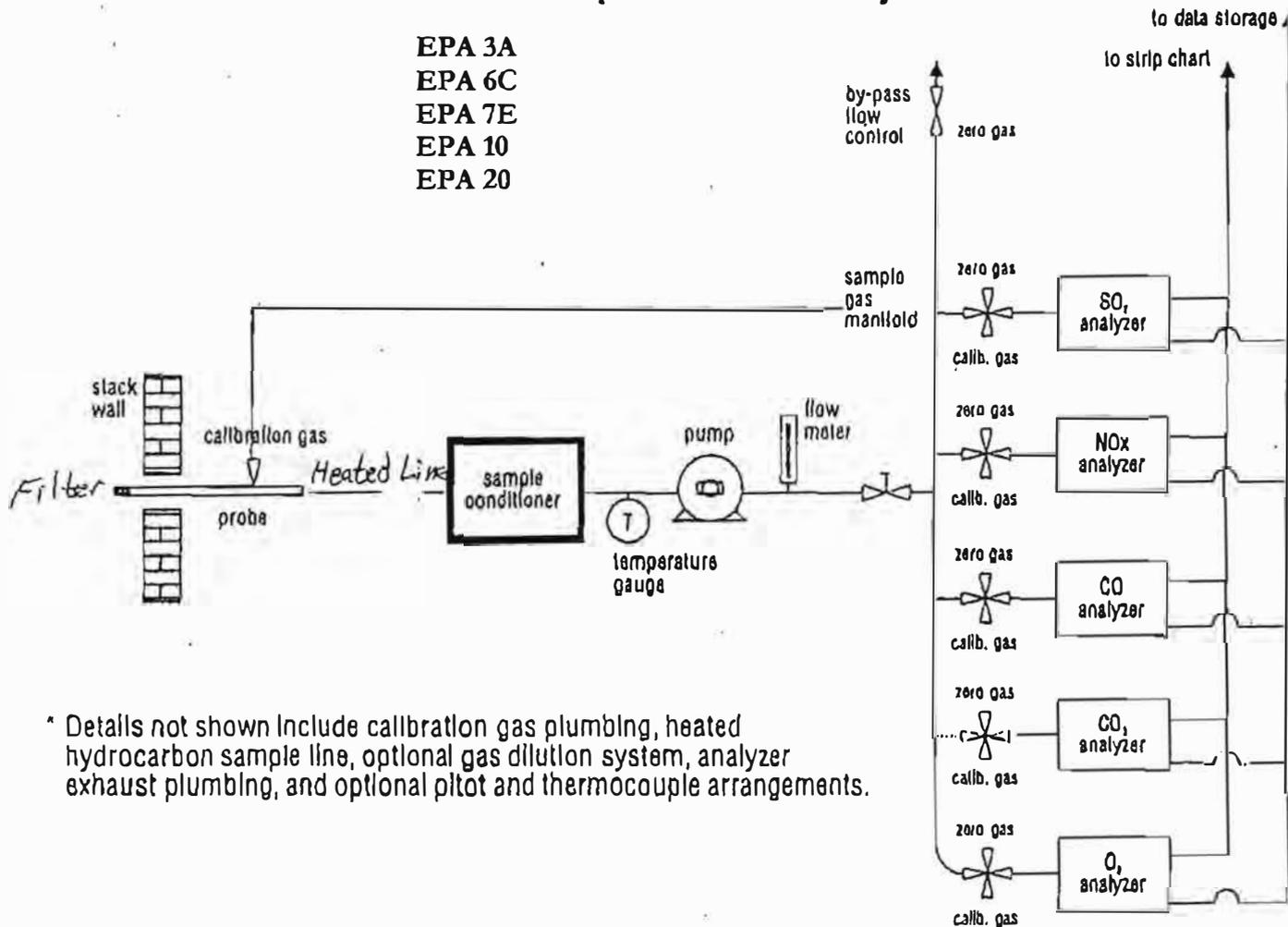


BFI Ox Mtn Flare A-7

## Sample System Diagram

## Method 100 Sample Train Assembly

EPA 3A  
EPA 6C  
EPA 7E  
EPA 10  
EPA 20



\* Details not shown Include calibration gas plumbing, heated hydrocarbon sample line, optional gas dilution system, analyzer exhaust plumbing, and optional pitot and thermocouple arrangements.

## **Source Test Plan**



**Blue Sky Environmental, Inc**

**2273 Lobert Street**

**Castro Valley, California 94546**

Office (510) 525-1261

Mobile (810) 923-3181

bluesky@blueskyenvironmental.com

June 21, 2024 (Revised July 8, 2024)

Attn.: Gloria Espena/Marco Hernandez  
 Bay Area Air Quality Management District  
 Technical Services Division, Source Test Section  
 375 Beale St #600  
 San Francisco, CA 94105

Source Test Plan  
 Plant # 2266 Condition 10164  
 Source A-7  
 Test Dates: July 16, 2024

Re: Source Test Plan (STP) for compliance emissions testing of the gas flare (A-7) at Ox Mountain (Los Trancos Canyon Landfill), located at 12310 San Mateo Drive, Half-Moon Bay, CA.

BAAQMD Source	Test Parameters/Limits
Flare (A-7) Compliance Test	Exhaust, THC, CH <sub>4</sub> , NMOC, NO <sub>x</sub> , CO, CO <sub>2</sub> , O <sub>2</sub> ≤39 ppmvd NO <sub>x</sub> @ 3% O <sub>2</sub> or <0.052 lb/MMBtu NO <sub>x</sub> (Part 29)
Condition 10164 & Reg 8 Rule 34	≤184 ppm CO @ 3% O <sub>2</sub> and <0.15 lb/MMBtu CO (Part 30) ≤30 ppmvd NMOC as Methane @ 3% O <sub>2</sub> (Reg. 8 Rule 34) >98 % NMOC Destruction (Reg. 8 Rule 34) >99% CH <sub>4</sub> Destruction (Reg. 8 Rule 34) LFG- NMOC, CH <sub>4</sub> , Fixed Gases, VOC species & TRS as H <sub>2</sub> S

Blue Sky Environmental is pleased to present this Source Test Plan for the above referenced sampling project. Testing will include the following:

1. At the flare exhaust, triplicate 30+-minute tests will be performed to determine compliance with the BAAQMD Permit and Reg 8 Rule 34 conditions listed in the Table above, and according to 40 CFR 60.8 and 60.752(b)(2)(iii)(B) using methods identified in 40 CFR 60.754(d).
2. Testing will use EPA methods to measure NO<sub>x</sub> (EPA 7E), CO (EPA 10), TSP (EPA 5/202), TNMHC (NMOC, POC) by (ALT 097 with at least 30 readings per test) or (EPA 25A, with or without M18 for Methane & Ethane), CO<sub>2</sub> (EPA 3A) and O<sub>2</sub> (EPA 3A). Tests will be 30+ minutes in duration. If the THC reading is above the detection limit (~2% of scale, or above 20% of the NMOC Permit Limit adjusted to 3% O<sub>2</sub>) Methane may be determined by EPA Method 18 analysis from integrated Tedlar bag samples collected from the THC analyzer bypass.
3. Moisture will be determined by EPA Method 4. These will be used to correct wet THC to dry THC.

4. Integrated samples of the Landfill Gas (LFG) will be collected during each test run, and will be analyzed for %CH<sub>4</sub>, %CO<sub>2</sub>, %N<sub>2</sub>, %O<sub>2</sub>, BTU and F-factor by ASTM D-1945 and D-3588, and by ASTM-D5504 or Modified EPA 15 for Sulfur Species. Samples collected in Tedlar bags will be analyzed within 24 hours. Samples collected in SILCO SUMMA canisters will be analyzed within 7 days.
5. The landfill gas analysis will be used to determine CH<sub>4</sub>, THC and NMOC Destruction/Removal Efficiency (DRE)
6. During each run an integrated SILCO SUMMA sample of the LFG will be collected and analyzed by EPA 25C for non-methane hydrocarbons and for Organics (Toxic Air Contaminants) by TO-15 as listed in the Permit.
7. Emission Flowrates will be determined by EPA Method 19 calculation and measurement using the Facility fuel flow data, fuel analysis and exhaust oxygen content. In order to get an accurate exhaust flow by Method 19 calculations the accuracy of the fuel meter is a requirement. The BAAQMD is requesting current fuel flow meter calibrations to be included in the source test report.
8. Facility Fuel Flow and Flare temperature records will be provided by the facility and documented in the report. Current fuel meter calibration records will be provided by the facility.
9. The status of the flare will be determined on-site and conveyed to TetraTech or Republic personnel engaged in the project the same day.
10. A digital copy (pdf) of the compliance test report will be submitted to the client within four weeks of completion of the test program and due to the BAAQMD within 45 days of test completion. The report will include a test description and tables presenting concentrations (ppm), emission rates (lbs/hr) for all sampling parameters. All supporting documents (e.g., strip charts, process data, field data sheets, calibrations, calculations, etc.) will also be included.

The facility contact is Ben Wade who may be reached at (650) 713-3632. If you have any questions, please contact Anne Richardson at (810) 923-1198, Jessica Morris at (510) 566-3271 or Jeramie Richardson (810) 923-3181.



**Brown-Ferris Industries of California, Inc.**  
**BAAQMD Plant # 2266**

**Compliance Emissions Test Report #24260**  
**Landfill Gas Flare A-9**

Located at:  
**Ox Mountain (Los Trancos Canyon) Landfill**  
12310 San Mateo Road  
Half Moon Bay, CA 94019

Prepared for:  
**Republic Services**  
3260 Blume Drive, Suite 200  
Richmond, CA 94806  
Attn: Kelly McDonnell  
KMcdonnell@republicservices.com

For Submittal to:  
**Bay Area Air Quality Management District**  
375 Beale Street, Suite 600  
San Francisco, CA 94105  
Attn: Marco Hernandez and Gloria Espena  
mhernandez@baaqmd.gov / gespena@baaqmd.gov  
sourcetest@baaqmd.gov

Testing Performed on:  
**July 9, 2024**

Final Report Submitted on:  
**August 16, 2024**

Performed and Reported by:  
**Blue Sky Environmental, Inc.**  
2273 Lobert Street  
Castro Valley, CA 94546  
bluesky@blueskyenvironmental.com  
Office (510) 525-1261 / Mobile (810) 923-3181



**Blue Sky Environmental, Inc.**

2273 Lobert Street

Castro Valley, CA 94546

Phone (510) 525 1261

Cell (810) 923 3181

*bluesky@blueskyenvironmental.com*

August 16, 2024

Republic Services

3260 Blume Drive, Suite 200

Richmond, CA 94806

Attn: Kelly McDonnell

**Subject:** Source emission test report for Landfill Gas Flare A-9 located at Ox Mountain (Los Trancos Canyon) Landfill in Half Moon Bay, California, to determine compliance with Condition 10164 of the Bay Area Air Quality Management District (BAAQMD) Title V Permit for Plant #2266, and BAAQMD Regulation 8, Rule 34.

Flare A-9 – 126 MMBtu/hr industrial landfill gas flare

**Test Date(s):** Testing was performed on July 9, 2024.

**Sampling Location:** Sampling was conducted at the exhaust stack the 40-60' flare through 4-inch flange ports that were accessible using a boom lift provided by the facility. Ports were available that met EPA Method 1 minimum criteria of two stack diameters downstream from the nearest disturbance and 0.5 stack diameters from the nearest disturbance or exhaust.

**Sampling Personnel:** Sampling was performed by Jamie Rios and Timothy Eandi representing Blue Sky Environmental, Inc. Matt Bowman of Tetra Tech, Inc. was onsite to operate the flare and ensure that the flare controls and charts were functioning properly.

**Observing Personnel:** BAAQMD was notified of the scheduled testing in a source test plan submitted on June 21, 2024, revised on July 8, 2024. (NST #9468). No agency observers from BAAQMD were present during the test program.

**Process Description:** Ox Mountain (Los Trancos Canyon) Landfill is an active multi-material landfill with a gas collection system (S-1) that is abated by two landfill gas flares (A-7 and A-9). The flares are maintained above the permitted minimum temperature of 1,400°F. Landfill gas may also be delivered off-site to the Ameresco Half Moon Bay LLC facility's flare of IC engines.

The flare temperature and landfill gas fuel flows are continuously recorded by the facility at two minute intervals, and the data for the test period was downloaded and used in this report.

**Test Program:** The test program objective was to demonstrate compliance with emission limits specified in the BAAQMD Title V Permit for Plant #2266. This testing also satisfies requirements of BAAQMD Regulation 8, Rule 34 limits that came into effect on July 1, 2002, and the 99% Destruction Efficiency of Landfill Methane requirement that was finalized in 2010.

Three consecutive 30-minute gaseous emissions tests were performed for nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), oxygen (O<sub>2</sub>), carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>) and non-methane hydrocarbons (NMOC) at the exhaust stack of the flare. The sampling system was checked for leaks before the start of the testing, by plugging the sample probe and observing the sample rotameter



flow drop to zero. Analyzer external calibrations were performed before and after each run using EPA protocol certified gas standards. A NO<sub>x</sub> analyzer converter efficiency check was performed before the first test run and found to be greater than 90%.

Concurrent with the exhaust sampling, Blue Sky Environmental collected a total of three LFG samples from the flare for CH<sub>4</sub>, C<sub>2</sub>-C<sub>6+</sub> hydrocarbons, NMOC, CO<sub>2</sub>, O<sub>2</sub>, CO, and N<sub>2</sub> analysis. The samples were collected in 6-liter Silco canisters and analyzed by Atmospheric Analysis and Consulting, Inc. in Ventura, California. Results were used to determine fuel BTU and Fd-factor and calculate destruction/removal efficiencies. The samples were also analyzed to for total reduced sulfur (TRS) compounds by ASTM D5504 and EPA TO-15 volatile organic compounds.

The LFG methane concentration was added to the NMOC results to determine the inlet total hydrocarbons (THC). The THC value was used to calculate the THC destruction efficiency. The LFG flowrate, BTU and F-Factor were used with the flare exhaust %O<sub>2</sub> concentration to determine the emission flowrate using EPA Method 19.

The TRS/H<sub>2</sub>S analysis of the landfill gas was used to calculate the stack SO<sub>2</sub> concentration and emissions rate.

**Sampling and Analysis Methods:** The following U.S. Environmental Protection Agency (EPA) and ASTM sampling and analytical methods were used:

EPA Method 1	Sample and Traverse Point Determination
EPA Method 3A	O <sub>2</sub> and CO <sub>2</sub> , Stack Gas Molecular Weight
EPA Method 7E	NO <sub>x</sub> Emissions and NO <sub>2</sub> Converter Efficiency
EPA Method 10	CO Emissions
EPA Method 25A/ALT-097	CH <sub>4</sub> and NMOC Emissions
EPA Method 19	Calculation of Stack Gas Flow Rate
EPA Method 4	Moisture
EPA Method 25C	NMOC in landfill gas
ASTM D1945/3588	Fuel analysis for BTU and F-Factor
ASTM D5504	Fuel analysis for TRS and H <sub>2</sub> S by GC
EPA Method TO-15	Fuel analysis for VOC Species by GCMS

The sampling and analysis methods are summarized below:

#### **EPA Method 1 – Sample and Velocity Traverses for Stationary Sources**

This method is used to determine the duct or stack area and appropriate traverse points that represent equal areas of the duct for sampling and velocity measurements.

#### **EPA Method 3A – Determination of Oxygen and Carbon Dioxide Concentrations in Emissions from Stationary Sources (Instrumental Analyzer Procedure)**

This method is used to measure oxygen and carbon dioxide in stationary source emissions using a continuous instrumental analyzer to determine the molecular weight of the stack gas. A continuous representative gas sample is extracted from the sampling point and conditioned to remove water and particulate material. A small portion of the sample is passed through a fuel cell type paramagnetic oxygen analyzer which measures the electrical current generated by the oxidation reaction at the gas/fuel cell interface. Carbon dioxide is determined by passing the sample through a non-dispersive infrared analyzer (NDIR) tuned to a frequency at which carbon dioxide absorbs infrared radiation.



### **EPA Method 7E – Determination of Nitrogen Oxides Emissions from Stationary Sources (Instrumental Analyzer Procedure)**

This method is used to measure nitrogen oxides in stationary source emissions using a continuous instrumental analyzer. A continuous representative gas sample is extracted from the sampling point and conditioned to remove water and particulate material. Nitric oxide is determined by passing the sample through a chemiluminescent analyzer. The chemiluminescent process is based on the light given off when nitric oxide and ozone react. Nitrogen dioxide (NO<sub>2</sub>) concentrations are determined by passing the sample through a catalyst which reduces the NO<sub>2</sub> to NO. The total oxides of nitrogen concentration (NO<sub>2</sub> + NO) is then determined by chemiluminescence.

Section 16.2.2 of the method is used to determine the NO<sub>x</sub> analyzer NO<sub>2</sub> to NO conversion efficiency.

### **EPA Method 10 – Determination of Carbon Monoxide Emissions from Stationary Sources**

This method is used to measure carbon monoxide from integrated or continuous gas samples extracted from a sampling point. A continuous representative gas sample is extracted from the sampling point and conditioned to remove water and particulate material. Carbon monoxide is determined by passing the sample through a non-dispersive infrared analyzer (NDIR) tuned to a frequency at which carbon monoxide absorbs infrared radiation.

EPA Methods 3A, 7E and 10 are all continuous monitoring techniques using instrumental analyzers. Sampling is performed by extracting exhaust flue gas from the stack, conditioning the sample, and analyzing it by continuous monitoring gas analyzers in a continuing emissions monitoring (CEM) test van. The sampling system consists of a stainless steel sample probe, Teflon sample line, glass-fiber particulate filter, and glass moisture-knockout condensers in ice, followed by thermoelectric coolers (optional), Teflon sample transfer tubing, a diaphragm pump, and a stainless steel/Teflon manifold and flow control/delivery system. A constant sample and calibration gas supply pressure of 5 PSI is provided to each analyzer to avoid pressure variable response differences. The entire sampling system is leak checked prior to and at the end of the sampling program.

The sampling and analytical system is checked for linearity with zero, mid (40-60%) and high span (80-100%) calibrations and is checked for system bias at the beginning and end of each run. System bias is determined by introducing calibration gas to the probe and pulling it through the entire sampling system. Individual test run calibrations use the calibration gas that most closely matches the stack gas effluent. All calibrations during testing are performed externally to incorporate any system bias that may exist. Sampling system bias, zero and calibration drift values are determined for each test. EPA Methods 3A, 7E and 10 all defer to EPA Method 7E for the calculations of effluent concentration, span, calibration gas, analyzer calibration error (linearity), sampling system bias, zero drift, calibration drift and response time.

All calibration gases are EPA Protocol #1. The analyzer data recording system consists of a Honeywell DPR3000 strip chart recorder supported by a Data Acquisition System (DAS).

### **EPA Method 4 – Determination of Moisture Content in Stack Gas**

This method is used to determine the moisture content of stack gas. The sample is extracted and condensed in Greenburg-Smith impingers immersed in an ice bath and in a final impinger silica gel trap. The moisture is condensed in a solution of de-ionized water, or solutions of another type of sampling train if the moisture is being determined as part of another sampling method, such as EPA Method 5, SCAQMD Method 201.7 or BAAQMD ST-32. The moisture gain in the impinger solutions and silica gel is determined volumetrically and gravimetrically respectively. QA/QC procedures require that a minimum of 21 cubic feet of sample is pulled using a leak tight pump. The



sample volume is measured with a calibrated dry gas meter. The impingers are immersed in an ice bath to maintain a gas outlet temperature of less than 68°F. Pre-test leak checks are performed for each run using a minimum 15 inches of mercury vacuum. Post-test leak checks are performed at the highest sample vacuum or greater. The leak test is acceptable if the leak rate is less than 0.02 cubic feet per minute or 4% of the average sampling rate, whichever is less. If the final leak check exceeds the criteria, either the volume is corrected based on the leak rate or the run is voided and repeated.

#### **EPA Method 25A/ALT-097 – Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer**

This method is used to measure total hydrocarbons, methane, and non-methane hydrocarbons in stationary source emissions using a gas chromatograph with a flame ionization detector (GC/FID). Heated Teflon sample gas transfer lines are used to provide a continuous sample to the heated GC/FID hydrocarbon analyzer. Heated lines are used to avoid moisture or hydrocarbon condensation.

The sampling and analytical system is checked for linearity with zero, low (25-35%), mid (45-55%), and high (80-90%) span calibrations. All calibrations during testing are performed externally to incorporate any system bias that may exist. Sampling system bias, zero and calibration drift values are determined for each test. All data is corrected according to the method.

#### **EPA Method 25C – Determination of Nonmethane Organic Compounds (NMOC) in Landfill Gas**

This method is used to sample and measure NMOC in landfill gases. The method is written for evacuated tank sampling but is adaptable to Tedlar bag sampling procedures. The sampling equipment consists of a stainless steel or glass lined probe with a short stainless-steel or Teflon transfer line to a Tedlar bag housed in a sealed chamber. The chamber is evacuated by pump at a prescribed rate for the test duration and the Tedlar bag capacity, so the sample is integrated over the test period. The sample is injected into a GC column where the methane and CO<sub>2</sub> are flushed through and removed then the NMOC (ROC) fraction is oxidized to form CO<sub>2</sub> then reduced to methane and analyzed.

#### **EPA Method 19 – Determination of Sulfur Dioxide Removal Efficiency and Particulate Matter, Sulfur Dioxide, and Nitrogen Oxide Emission Rates**

This method is used to determine stack gas volumetric flow rates using oxygen-based F-factors. F-factors are ratios of combustion gas volumes to heat inputs. The heating value of the fuel in Btu per cubic foot is determined from analysis of fuel gas samples using ASTM D1946/1945 gas chromatography analytical procedures. The total cubic feet per hour of fuel multiplied times the Btu/cf provides million Btu per hour (MMBtu) heat input. The heat input in MMBtu/hr is multiplied by the F-factor (DSCF/MMBtu) and adjusted for the measured oxygen content of the source to determine volumetric flow rate. The flow rates are used to determine emission rates.

#### **ASTM D1945 – Analysis of Natural Gas by Gas Chromatography**

This method is used to measure fixed gases (such as oxygen, nitrogen, carbon monoxide, and carbon dioxide) and methane by gas chromatography (GC/TCD). Light hydrocarbons, including C1-C7, are analyzed by GC/FID.



**ASTM D3588 – Standard Practice for Calculating Heat Value, Compressibility Factor, and Relative Density of Gaseous Fuels**

This method uses the molar composition of gaseous fuel determined from Method ASTM D-1945 to calculate the heating value and F-factor.

**ASTM D5504 – Determination of Sulfur Compounds in Natural Gas and Gaseous Fuels by Gas Chromatography and Chemiluminescence**

This method is used for the determination of speciated volatile sulfur-containing compounds in high methane content gaseous fuels by gas chromatography. Sulfur compounds are processed using a flame ionization detector (GC/FID). The products are then analyzed with a sulfur chemiluminescence detector (GC/SCD). Samples may be collected in Tedlar bags and analyzed within 24 hours or in Silco SUMMA canisters and analyzed within 7 days.

**EPA Compendium Method TO-15 – Determination of Toxic Organic Compounds in Ambient Air**

This method is used to measure volatile organic compounds that are included in the hazardous air pollutants (HAPs) listed in Title III of the Clean Air Act Amendments of 1990 by GC/MS (gas chromatography/mass spectroscopy). Samples are collected in pre-evacuated 6-Liter SUMMA canisters with pre-set flow controllers set to integrate over the desired test duration. The SUMMA® passivated canisters allow holding times up to 14 days for the TO-15 Method list of volatile organics. The sample gas is drawn by the canister vacuum through a micro-filter, pre-set orifice flow controller and on/off valve into the canister. The canister vacuum is monitored with a vacuum gauge to verify sample collection. The flow controller consisted of capillary orifice tubing designed to sample for a pre-set duration of 0.75hrs.

**Instrumentation:** The following continuous emissions analyzers were used:

<b>Instrument</b>	<b>Analyte</b>	<b>Principle</b>
TECO Model 42C	NO <sub>x</sub>	Chemiluminescence
TECO Model 48C	CO	GFC/IR
TECO Model 55C	CH <sub>4</sub> /NMOC	Flame Ionization (FID)
Servomex Model 1400	CO <sub>2</sub>	Infrared (IR)
Servomex Model 1400	O <sub>2</sub>	Paramagnetic



**Test Results:** The compliance summary is presented below. Detailed source test emission results are provided in Tables 1-2. All measured test parameters complied with permit limits.

### Compliance Summary

Emission Parameter	Average Results Flare A-9	Permit Limits	Compliance Status
NO <sub>x</sub> , ppmvd @ 3% O <sub>2</sub>	37.7	39	In Compliance
NO <sub>x</sub> , lb/MMBtu	0.049	0.052	In Compliance
CO, ppmvd @ 3% O <sub>2</sub>	70.4	184	In Compliance
CO, lb/MMBtu	0.056	0.15	In Compliance
NMOC, ppmvd @ 3% O <sub>2</sub> as CH <sub>4</sub>	0.8	30*	In Compliance
NMOC Destruction Efficiency, %	99.442	>98%*	--
THC Destruction Efficiency, %	99.9649	>98%	In Compliance
CH <sub>4</sub> Destruction Efficiency, %	99.970	>99%	In Compliance

\*>98% NMOC destruction efficiency or <30 ppm NMOC @ 3% O<sub>2</sub>

The appendices are organized as follows:

Calculations

All calculations performed using the continuous emissions monitoring (CEM) data and flow rate calculations.

Laboratory Reports

All laboratory reports and chain of custody documents.

Field Data Sheets

All CEMS data transcribed from the strip charts or computer-generated process data.

Process Data

Flare temperature and landfill gas fuel flow.

Gas Certificates

Certifications for the calibration gas standards.

Equipment Calibrations

Calibration records for equipment used (e.g., S-type pitot tubes, dry gas meters, rotameters).

Stack Diagram

Sketch or photographs of the sampling location and stack configuration.

Sample System Diagram

Schematic of the sampling system configuration.

Permit/Authority to Construct

Facility permits to operate or authority to construct.

Source Test Plan

Sampling protocols submitted to the AQMD/APCD prior to testing.

**Comments:** This source test was performed in accordance with the protocol submitted to BAAQMD. No deviations from the protocol or anomalies were observed during testing. No process interruptions were encountered, and no operational changes were required during the test program. The measured emissions met permit-required limits. Also, as required, a landfill gas



sample was analyzed for TAC concentrations using EPA Method TO-15. All constituents were found to be within the limits listed in permit Condition 10164, Part 23.b.

The work performed herein was conducted under my supervision, and I certify that:

- a) the details and results contained within this report are to the best of my knowledge an authentic and accurate representation of the test program,
- b) that the sampling and analytical procedures and data presented in the report is authentic and accurate,
- c) that all testing details and conclusions are accurate and valid, and
- d) that the production rate and/or heat input rate during the source test are reported accurately.

If this report is submitted for compliance purposes, it should only be reproduced in its entirety. If there are any questions concerning this report, please contact Jeramie Richardson at (810) 923-3181.

Prepared by,

Jessica Morris

Reviewed by,

Gabe Lazar

Table #1

Ox Mountain (Los Trancos Canyon Landfill)  
Landfill Gas Flare A-9

Parameter	Run 1	Run 2	Run 3	Average Results	Permit Limits
Test Date	7/9/24	7/9/24	7/9/24	--	
Test Time	0925-1005	1033-1113	1133-1213	--	
Standard Temperature, °F	70	70	70	--	
<b>Process Parameters:</b>					
Flare Temperature, °F	1,586	1,599	1,533	1,573	
<b>Fuel Gas:</b>					
LFG Fuel Flow Rate, SCFM	1,318	1,312	1,312	1,314	
Total Fuel Heat Input, MMBtu/hr	32.5	35.7	35.9	34.7	
Total Reduced Sulfur Compounds as H <sub>2</sub> S, ppm	90.9	116.0	81.8	96.2	265
Inlet CH <sub>4</sub> , ppmvd	407,000	450,000	453,000	436,667	
Inlet CH <sub>4</sub> , lb/hr	1,332	1,466	1,475	1,424	
Inlet NMOC, ppmvd as CH <sub>4</sub> (EPA Method 25C)	593	714	792	700	
Inlet NMOC, lb/hr as CH <sub>4</sub>	1.94	2.33	2.58	2.28	
Inlet THC, ppm as CH <sub>4</sub>	407,593	450,714	453,792	437,366	
Inlet THC, lb/hr as CH <sub>4</sub>	1,334	1,468	1,478	1,426	
<b>Stack Gas:</b>					
Exhaust Flow Rate, DSCFM (EPA Method 19)	14,987	16,421	16,188	15,865	
Oxygen (O <sub>2</sub> ), % volume dry	13.9	13.8	13.7	13.8	
Carbon Dioxide (CO <sub>2</sub> ), % volume dry	5.9	6.0	6.2	6.0	
Moisture (H <sub>2</sub> O), % volume dry	7.6	7.0	7.3	7.3	
<b>NO<sub>x</sub> Emissions (reported as NO<sub>2</sub>):</b>					
NO <sub>x</sub> , ppm	14.3	14.7	16.0	15.0	
NO <sub>x</sub> , ppm @ 3% O <sub>2</sub>	36.4	37.1	39.5	37.7	39
NO <sub>x</sub> , lb/hr	1.53	1.72	1.84	1.70	
NO <sub>x</sub> , lb/MMBtu	0.047	0.048	0.051	0.049	0.052
<b>CO Emissions:</b>					
CO, ppm	29.6	32.2	22.0	27.9	
CO, ppm @ 3% O <sub>2</sub>	75.4	81.3	54.5	70.4	184
CO, lb/hr	1.93	2.29	1.55	1.92	
CO, lb/MMBtu	0.059	0.064	0.043	0.056	0.15
<b>Sulfur Dioxide (SO<sub>2</sub>) Emissions:</b>					
SO <sub>2</sub> , ppm (calculated)	7.99	9.27	6.63	7.96	
SO <sub>2</sub> , lb/hr	1.191	1.514	1.067	1.257	
<b>THC Emissions (reported as CH<sub>4</sub>):</b>					
THC, ppm (EPA Method 25A)	<13.0	<12.6	<12.5	<12.7	
THC, lb/hr	0.482	<0.515	<0.503	<0.500	
THC Destruction Efficiency, %	99.9639%	99.9649%	99.9660%	99.9649%	98
<b>Methane (CH<sub>4</sub>) Emissions:</b>					
CH <sub>4</sub> , ppm wet (EPA Method 25A)	<10.0	<10.0	<10.0	<10.0	
CH <sub>4</sub> , ppmvd	<10.8	<10.8	<10.8	<10.8	
CH <sub>4</sub> , lb/hr	<0.403	<0.438	<0.433	<0.425	
CH <sub>4</sub> Destruction Efficiency, %	99.970%	99.970%	99.971%	99.970%	> 99%
<b>NMOC Emissions (reported as CH<sub>4</sub>):</b>					
NMOC, ppm wet (EPA Method 25A)	2.0	1.8	1.6	1.8	
NMOC, ppmvd	2.1	1.9	1.7	1.9	
NMOC, ppmvd @ 3% O <sub>2</sub> as hexane (C <sub>6</sub> H <sub>14</sub> )	0.4	0.3	0.3	0.3	
NMOC, lb/hr as CH <sub>4</sub>	0.013	0.013	0.012	0.012	
NMOC, ppm @ 3% O <sub>2</sub>	0.9	0.8	0.7	0.8	30*
NMOC Destruction Efficiency, %	99.321%	99.452%	99.552%	99.442%	>98%*

\* >98% NMOC destruction efficiency or <30 ppm NMOC @ 3% O<sub>2</sub>

**WHERE,**

ppm = parts per million concentration by volume expressed on a dry gas basis  
 lb/hr = pound per hour emission rate  
 Tstd. = standard temperature (°R = °F+460)  
 MW = molecular weight  
 DSCFM = dry standard cubic foot per minute  
 NO<sub>x</sub> = oxides of nitrogen, reported as NO<sub>2</sub> (MW = 46)  
 CO = carbon monoxide (MW = 28)  
 THC = total hydrocarbons reported as methane (MW = 16)  
 NMOC = non-methane organic compounds, reported as methane  
 SO<sub>2</sub> = sulfur dioxide (MW = 64.1)

**CALCULATIONS,**

PPM @ 15% O<sub>2</sub> = ppm · 5.9 / (20.9 - %O<sub>2</sub>)  
 PPM @ 3% O<sub>2</sub> = ppm · 17.9 / (20.9 - %O<sub>2</sub>)  
 lb/hr = ppm · 8.223 E-05 · DSCFM · MW / Tstd. °R  
 lb/MMBtu = (lb/hr)/(MMBtu/hr)  
 lb/day = lb/hr · 24  
 Destruction Efficiency = (inlet lb/hr - outlet lb/hr) / inlet lb/hr  
 <Value = <2% of Analyzer Range  
 ppm dry = ppm wet · 100 / (100 - %H<sub>2</sub>O)  
 SO<sub>2</sub> emission ppm = H<sub>2</sub>S in fuel \* fuel flow rate / stack gas flow rate  
 NMOC, ppm as hexane = NMOC, ppm as CH<sub>4</sub> / 6

Table #2

Permit TACs - Conditon 10164 Part 23

Ox Mountain (Los Trancos Canyon Landfill)  
Landfill Gas Flare A-9

Compound	Method	Units	Landfill Gas Samples			Average Results	Permit Limits (ppbv)
			1-LFG-A9-Flare	2-LFG-A9-Flare	3-LFG-A9-Flare		
1,1,1-Trichloroethane	EPA TO-15	ppb	<47.0	<47.1	<44.1	<46.1	500
1,1,2,2-Tetrachloroethane	EPA TO-15	ppb	<47.0	<47.1	<44.1	<46.1	50
1,1-Dichloroethane (Ethylidene Dichloride)	EPA TO-15	ppb	<47.0	<47.1	<44.1	<46.1	50
1,1-Dichloroethene (Vinylidene Chloride)	EPA TO-15	ppb	<47.0	<47.1	<44.1	<46.1	500
1,2-Dichloroethane (Ethylene Dichloride)	EPA TO-15	ppb	<47.0	56.5	54.6	53	400
2-Propanol (IPA)	EPA TO-15	ppb	<188	1,770	1,920	1,293	60,000
Acrylonitrile	EPA TO-15	ppb	<47.0	<47.1	<44.1	<46.1	100
Carbon Disulfide	EPA TO-15	ppb	<188	<188	<176	<184	500
Carbon Tetrachloride	EPA TO-15	ppb	<47.0	<47.1	<44.1	<46.1	50
Chlorobenzene	EPA TO-15	ppb	<47.0	49.0	49.3	48.4	500
Chloroethane (Ethyl Chloride)	EPA TO-15	ppb	<47.0	86.7	69.6	67.8	1,000
Chloroform	EPA TO-15	ppb	<47.0	<47.1	<44.1	<46.1	50
1,4-Dichlorobenzene	EPA TO-15	ppb	<47.0	178	188	138	900
Dichloromethane (Methylene Chloride)	EPA TO-15	ppb	<94.1	<94.2	<88.1	<92.1	1,000
Ethyl Benzene	EPA TO-15	ppb	<47.0	1,410	1,370	942	7,000
1,2 Dibromoethane (Ethylene Dibromide)	EPA TO-15	ppb	<47.0	<47.1	<44.1	<46.1	50
Hexane	EPA TO-15	ppb	759	488	264	504	5,000
2-Butanone (MEK)	EPA TO-15	ppb	5,270	3,410	3,510	4,063	40,000
Tetrachloroethylene (Perchloroethylene)	EPA TO-15	ppb	<47.0	<47.1	<44.1	<46.1	600
Trichloroethylene (TCE)	EPA TO-15	ppb	<47.0	<47.1	<44.1	<46.1	400
Toluene	EPA TO-15	ppb	<47.0	1,850	1,810	1,236	30,000
Benzene	EPA TO-15	ppb	<47.0	484	492	341	3,000
m,p-Xylene	EPA TO-15	ppb	<94.1	1,850	1,790	1,245	
o-Xylene	EPA TO-15	ppb	<47.0	646	631	441	
Xylenes	EPA TO-15	ppb	141	2,496	2,421	1,686	30,000
Vinyl Chloride	EPA TO-15	ppb	<47.0	<47.1	<44.1	<46.1	300

## **APPENDICES**

**Calculations**

**Laboratory Reports**

**Field Data Sheets**

**Process Information**

**Gas Certificates**

**Equipment Calibrations**

**Stack Diagram**

**Sample System Diagram**

**Permit/Authority to Construct**

**Source Test Plan**

## Calculations

Preliminary CEM System QA/QC Summary Sheet

Facility: Ox Mountain (Los Trancos Canyon Landfill)

7/20/23

Location: Landfill Gas Flare A-9

JS/TJE

Parameter	O2	CO2	NOx	CO		Comments
Analyzer	1400	1400	42C	48C		
Instrument Range	25	20	50	150		
Units	%	%	ppm	ppm		
EPA Range (high span)	20.59	18.24	23.06	125.4		
<b>Low Cal Value</b>	0	0	0	0		EPA 20 & 25A only
Cylinder #	-	-	-	-		
<b>Mid Cal Value</b>	10.55	9.48	23.07	85.44		
Cylinder #	EB0166857	EB0166857	EB0155049	EB0067534		
<b>High Cal Value</b>	20.43	18.49	45.07	125.4		
Cylinder #	CC462055	CC462055	EB0048303	CC284700		

LINEARITY

<b>Low Cal (internal)</b>	0.06	0.03	-0.09	-0.16		zero gas
Abs. Difference	0.06	0.03	-0.09	-0.16		
% Linearity	<b>0.24</b>	<b>0.15</b>	<b>-0.18</b>	<b>-0.11</b>		<2%
<b>Mid Cal (internal)</b>	10.56	9.46	23.04	84.84		set at mid
Abs. Difference	0.01	-0.02	-0.03	-0.60		
% Linearity	<b>0.04</b>	<b>-0.10</b>	<b>-0.06</b>	<b>-0.40</b>		<2%
<b>High Cal (internal)</b>	20.54	18.38	45.17	126.2		
Abs. Difference	0.11	-0.11	0.10	0.81		
% Linearity	<b>0.44</b>	<b>-0.55</b>	<b>0.20</b>	<b>0.54</b>		<2%

Initial SYSTEM BIAS Check

<b>Zero (internal)</b>	0.06	0.03	-0.09	-0.16		
<b>Zero (external)</b>	0.09	0.11	0.01	-0.01		
Abs. Difference	0.03	0.08	0.10	0.15		
Bias, % range	<b>0.12</b>	<b>0.40</b>	<b>0.20</b>	<b>0.10</b>		EPA 20/6C/7E (±5%)
<b>Cal (internal)</b>	10.56	9.46	23.04	84.84		
<b>Cal (external)</b>	10.58	9.38	23.08	85.16		
Abs. Difference	0.02	-0.08	0.04	0.32		
Bias, % range	<b>0.08</b>	<b>-0.40</b>	<b>0.08</b>	<b>0.21</b>		EPA 20/6C/7E (±5%)

System Response Time (secs)

*time from ext. zero to ext. cal, or ext. cal to ext. zero (95% response)*

Zero to Cal	60	60	60	60		
Cal to Zero	60	60	60	60		

System Cal. Bias (Limit ± 5%) =  $100 \cdot (\text{external cal} - \text{internal cal}) / \text{span range}$

% Linearity (Limit ± 2%) =  $100 \cdot (\text{cal gas value} - \text{internal cal}) / \text{span range}$

% Efficiency (Limit >90%) =  $100 \cdot (\text{NO}_2 \text{ response}) / \text{NO}_2 \text{ cal gas value}$

NO<sub>2</sub> Converter Test

NO<sub>2</sub> cal gas value, ppm =

12.59

Analyzer NOx Response, ppm =

>12.12

NO<sub>2</sub> Converter Efficiency, % =

>96.3

**BLUE SKY ENVIRONMENTAL, INC**

**CEM Bias Correction Summary**

Facility:	Ox Mountain (Los Trancos Canyon Landfill)	29.90
Unit:	Landfill Gas Flare A-9	Ok
Condition:	1,573°F	Statified
Date:	7/9/24	JS/TJE

Parameter	O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO		
Analyzer	1400	1400	42C	48C		
Instrument Range	25	20	50	150		r
EPA Span	20.43	18.49	45.07	125.4		
Units	%	%	ppm	ppm		
<b>Span Gas Value</b>	<b>10.55</b>	<b>9.48</b>	<b>23.07</b>	<b>85.44</b>		<b>Ccal Primary</b>
Span Gas Value	20.43	18.49	45.07	125.4		Ccal Secondary

Initial Zero (internal)	0.06	0.03	-0.09	-0.16		Analyzer Response, Ca
Initial High Cal (internal)	20.54	18.38	45.17	126.21		Analyzer Response, Ca
Initial Mid Cal (internal)	10.56	9.46	23.04	84.84		Analyzer Response, Ca
Initial Cal Run (internal)	10.56	9.46	23.04	84.84		Analyzer Response, Ca

<b>Run 1</b>		0.09	0.11	0.01	-0.01		zero (initial), Cib
Test Time:		10.58	9.38	23.08	85.16		cal (initial), Cib
0925-1005		<b>13.84</b>	<b>5.91</b>	<b>14.30</b>	<b>29.43</b>		TEST AVG, Cavg
		0.04	0.13	-0.22	-0.06		zero (final), Cfb
		10.52	9.45	23.22	84.71		cal (final), Cfb
EPA	3%	-0.2%	0.1%	-0.5%	0.0%		zero drift, % of Span
EPA	3%	-0.3%	0.4%	0.3%	-0.4%		cal drift % of Span
EPA	5%	-0.1%	0.5%	-0.3%	0.1%		% zero bias
EPA	5%	-0.2%	-0.1%	0.4%	-0.1%		% cal bias
		<b>13.86</b>	<b>5.90</b>	<b>14.29</b>	<b>29.63</b>		<b>Cgas</b>

<b>Run 2</b>		0.04	0.13	-0.22	-0.06		zero (initial), Cib
Test Time:		10.52	9.45	23.22	84.71		cal (initial), Cib
1033-1113		<b>13.76</b>	<b>5.99</b>	<b>14.68</b>	<b>31.86</b>		TEST AVG, Cavg
		0.06	0.14	-0.13	0.23		zero (final), Cfb
		10.51	9.45	23.18	84.31		cal (final), Cfb
EPA	3%	0.1%	0.1%	0.2%	0.2%		zero drift, % of Span
EPA	3%	0.0%	0.0%	-0.1%	-0.3%		cal drift % of Span
EPA	5%	0.0%	0.6%	-0.1%	0.3%		% zero bias
EPA	5%	-0.2%	-0.1%	0.3%	-0.4%		% cal bias
		<b>13.82</b>	<b>5.95</b>	<b>14.66</b>	<b>32.16</b>		<b>Cgas</b>

<b>Run 3</b>		0.06	0.14	-0.13	0.23		zero (initial), Cib
Test Time:		10.51	9.45	23.18	84.31		cal (initial), Cib
1133-1213		<b>13.61</b>	<b>6.23</b>	<b>16.00</b>	<b>21.83</b>		TEST AVG, Cavg
		0.05	0.06	-0.17	-0.05		zero (final), Cfb
		10.51	9.43	23.22	84.75		cal (final), Cfb
EPA	3%	0.0%	-0.4%	-0.1%	-0.2%		% zero drift
EPA	3%	0.0%	-0.1%	0.1%	0.4%		% cal drift
EPA	5%	0.0%	0.2%	-0.2%	0.1%		% zero bias
EPA	5%	-0.2%	-0.2%	0.4%	-0.1%		% cal bias
		<b>13.68</b>	<b>6.23</b>	<b>15.96</b>	<b>21.99</b>		<b>Cgas</b>

Pollutant Concentration (Cgas) = (Cavg - Co) · Ccal / (Ccal - Co)

Zero and Calibration Drift = 100 · (Cfb - Cib) / r

Bias = 100 · (Cfb - Ca) / r

Co = (Cib + Cfb) / 2 for zero gas

Cbcal = (Cib + Cfb) / 2 for cal gas

Cib (CARB=Pre-first run) (EPA=Pre-run)

**BLUE SKY ENVIRONMENTAL**

**CEM Correction Summary**

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Condition: 1,573°F  
 Date: 7/9/24

Barometric: 29.90  
 Leak Check: Ok  
 Strat. Check: Statified  
 Personnel: JS/TJE

Parameter	CH <sub>4</sub>	Linearity	Error	NMOC	Linearity	Error	Comments
Analyzer	55C	55C	55C	55C	55C	55C	
Range	500	500		50	50		
Units	ppm	ppm	%	ppm	ppm	%	
<b>Span High Value</b>	<b>449.6</b>	449.14	-0.10	<b>44.28</b>	45.45	2.64	< 5%
Cylinder #	<b>CC245200</b>	-	-	<b>CC245200</b>	-	-	
<b>Span Mid Value</b>	248.0	244.12	-1.56	24.735	25.66	3.74	< 5%
Cylinder #	CC217257	-	-	CC217257	-	-	
<b>Span Low Value</b>	150.7	150.45	-0.17	15.303	15.42	0.76	< 5%
Cylinder #	CC734840	-	-	CC734840	-	-	

<b>Run 1</b>		0.76			0.72		zero (initial), Zi
Test Time:		449.14			45.45		mid cal (initial), Si
0925-1005		<b>8.03</b>			<b>2.00</b>		TEST AVG
		0.43			0.15		zero (final), Zf
		446.15			45.11		mid cal (final), Sf
EPA	3%	-0.1%			-1.3%		zero drift
EPA	3%	-0.7%			-0.8%		cal drift

**CORRECTED AVG**

<b>Run 2</b>		0.43			0.15		zero (initial), Zi
Test Time:		446.15			45.11		mid cal (initial), Si
1033-1113		<b>7.90</b>			<b>1.77</b>		TEST AVG
		0.53			0.15		zero (final), Zf
		449.42			45.49		mid cal (final), Sf
EPA	3%	0.0%			0.0%		zero drift
EPA	3%	0.7%			0.9%		cal drift

**CORRECTED AVG**

<b>Run 3</b>		0.53			0.15		zero (initial), Zi
Test Time:		449.42			45.49		mid cal (initial), Si
1133-1213		<b>4.28</b>			<b>1.62</b>		TEST AVG
		0.83			0.77		zero (final), Zf
		446.45			45.10		mid cal (final), Sf
EPA	3%	0.1%			1.4%		zero drift
EPA	3%	-0.7%			-0.9%		cal drift

**CORRECTED AVG**

Calibration Error (Linearity), % = 100 · (Measured Response - Span Gas Value) / Span Gas Value - LIMIT 5%

Zero Drift, % = 100 · (Zf - Zi) / Instrument Range - LIMIT 3%

Span Drift, % = 100 · (Sf - Si) / Instrument Range - LIMIT 3%

Corrected Value = [Test Avg. - ((Zi+Zf) / 2)] · Span Gas Value / [(Si+Sf) / 2] - ((Zi+Zf) / 2)]

**Stack Moisture Determination**

**EPA Method 4**

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Condition: 1,573°F  
 Date: 7/9/24

	<b>Run 1</b>	<b>Run 2</b>	<b>Run 3</b>	
Test Time	0925-0955	1032-1102	1133-1203	
Uncorrected Meter Volume (Vm)	21.241	22.083	22.013	ft <sup>3</sup>
Meter Factor (Yd)	0.9583	0.9583	0.9583	
Barometric Pressure (Pb)	29.90	29.90	29.90	"Hg
Meter Pressure (ΔH)	1.7	1.7	1.7	"H <sub>2</sub> O
Meter Temperature (Tm)	57.7	64.2	67.7	°F
Standard Temperature (Tstd)	70	70	70	°F
Impinger H <sub>2</sub> O Gain (Vw imp)	32.6	30.6	29.7	g
Silica Gel Wt. Gain (Vw sg)	4.0	3.7	5.5	g
Total H <sub>2</sub> O Gain (Vw)	36.6	34.3	35.2	g
Moisture Vapor (Vw std)	1.731	1.622	1.665	ft <sup>3</sup>
<b>Standard Meter Volume (Vm std)</b>	<b>20.913</b>	<b>21.473</b>	<b>21.263</b>	<b>dscf</b>
<b>Percent of H<sub>2</sub>O in Stack</b>	<b>7.6</b>	<b>7.0</b>	<b>7.3</b>	<b>%</b>

**WHERE:**

ft<sup>3</sup> = cubic foot  
 H<sub>2</sub>O = water  
 Hg = mercury  
 °F = Fahrenheit  
 ml = milliliter  
 g = gram  
 % = percent

**CALCULATIONS:**

$$Vw\ std = 0.00267 \cdot Vw \cdot (Tstd + 460) / 29.92$$

$$Vm\ std = Vm \cdot Yd \cdot (Tstd + 460) \cdot (Pb + (\Delta H/13.6)) / (Tm + 460) / 29.92$$

$$\text{Stack moisture H}_2\text{O \%} = 100 \cdot Vw\ std / (Vw\ std + Vm\ std)$$

**Stack Gas Flow Rate Determination**

**EPA Method 19**

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Condition: 1,573°F  
 Date: 7/9/2024

	<b>Run 1</b>	<b>Run 2</b>	<b>Run 3</b>	
Test Time	0925-1005	1033-1113	1133-1213	
# cubic feet/rev	1,318	1,312	1,312	ft <sup>3</sup>
# of seconds/rev	60	60	60	seconds
Gas Line Pressure	0.0	0.0	0.0	PSI Gauge
Gas Line Pressure	14.7	14.7	14.7	PSI Absolute
Gross Calorific Value @ 60°F	419.2	462.8	465.4	Btu / ft <sup>3</sup>
Stack Oxygen	13.9	13.8	13.7	%
Gas Fd-Factor @ 60°F	9,132	9,160	9,162	DSCF/MMBtu
Gas Temperature	70	70	70	°F
Standard Temperature (Tstd)	70	70	70	°F
Realtime Fuel Rate	1,318	1,312	1,312	CFM
Corrected Fuel Rate @ Tstd	1,318	1,312	1,312	SCFM
Fuel Flow Rate	79,080	78,720	78,720	SCFH
Million Btu per minute	0.542	0.596	0.599	MMBtu/min
Heat Input	32.5	35.7	35.9	MMBtu/hr
<b>Stack Gas Flow Rate @ Tstd</b>	<b>14,987</b>	<b>16,421</b>	<b>16,188</b>	<b>DSCFM</b>

**WHERE:**

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)  
 MMBtu = Million Btu

**CALCULATIONS:**

$$\text{SCFM} = \text{CFM} \cdot 528 \cdot (\text{PSIA}) / 14.7 / (\text{gas}^\circ\text{F} + 460)$$

$$\text{SCFH} = \text{SCFM} \cdot 60$$

$$\text{MMBtu/min} = (\text{SCFM} \cdot \text{Btu/ft}^3) / 1,000,000$$

$$\text{MMBtu/hr heat input} = \text{MMBtu/min} \cdot 60$$

$$\text{DSCFM} = \text{Gas Fd-Factor} \cdot \text{MMBtu/min} \cdot 20.9 / (20.9 - \text{O}_2\%)$$

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Sample ID: 1-LFG-A9-Flare  
 Date: 7/9/24

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, $\sum b_i$	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, s <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, s <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, s <sub>i</sub> b <sub>i</sub>	s <sub>i</sub> MW	Weight Fraction, $\frac{s_i MW}{\sum s_i MW}$	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb
Helium ‡	4.00	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000							
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.9	0.0190	0.0013	6.2	0.0000	0.0383							0.0000	
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	24.7	0.2470	0.2389	0.0	0.0041	6.9185	0.2466				0.2466		0.2466	3.3148
Oxygen	32.00	1.1053	0.0		11.819	5.74	0.0574	0.0634	0.0	0.0000	1.8368	0.0655			0.0655			0.0655	0.7737
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011			0.0020	0.0270
Carbon Dioxide ‡	44.01	1.5194	0.0	0.0640	8.548	28.8	0.2880	0.4376	0.0	0.0184	12.6749	0.4517	0.1233	0.0000	0.3285			0.4517	3.8615
Methane	16.04	0.5539	1012.0	0.0436	23.565	40.7	0.4070	0.2254	411.9	0.0177	6.5283	0.2327	0.1742	0.0585				0.2327	5.4829
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	5.18	0.000005	0.0000	0.0	0.0000	0.0002	0.0000	0.0000	0.0000				0.0000	0.0001
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	18.1	0.0000181	0.0000	0.0	0.0000	0.0008	0.0000	0.0000	0.0000				0.0000	0.0002
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	4.67	0.0000047	0.0000	0.0	0.0000	0.0003	0.0000	0.0000	0.0000				0.0000	0.0001
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	4.51	0.0000045	0.0000	0.0	0.0000	0.0003	0.0000	0.0000	0.0000				0.0000	0.0001
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	5.07	0.0000051	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0001
C <sub>6</sub> +	86.17	2.9753	4758.0	0.2830	4.398	36.1	0.0000361	0.0001	0.2	0.0000	0.0031	0.0001	0.0001	0.0000				0.0001	0.0005
							1.0205	0.969 SG	419.0 Btu/ft <sup>3</sup>	0.0218 $\sum x_i \sqrt{b_i}$	28.0579 $\sum x_i MW$	0.9986	0.2985	0.0585	0.3951	0.2466	0.0000	0.9987	13.46 ft <sup>3</sup> /lb
													29.89%	5.86%	39.56%	24.69%	0.00%		

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14)

1.744

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F)

0.969

Compressibility Factor (Z)

0.9995

$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2 \sum x_{H_2} x_{H_2}^2) (0.0005)]$

Specific Gravity (corrected)

0.969

Specific Volume, (SV) ft<sup>3</sup>/lb

13.46 ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

419.2 Btu/ft<sup>3</sup> Gross @ 60°F  
 412.8 Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV) Btu/lb = Btu/ft<sup>3</sup> \* ft<sup>3</sup> / lb

5,643 Btu/lb @ 68°F

Gross Calorific Value, wet (GCVw) GCV \* (1-H<sub>2</sub>O) (ASTM D-3588, eqn 14)

5,544 Btu/lb @ 68°F

Gas Fd-Factor (EPA Method 19, eqn 19-13)

9,273 DSCF/MMBtu @ 68°F

$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$

9,132 DSCF/MMBtu @ 60°F

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Sample ID: 2-LFG-A9-Flare  
 Date: 7/9/24

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, A <sub>bi</sub>	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, s <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, s <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, s <sub>i</sub> A <sub>bi</sub>	s <sub>i</sub> MW	Weight Fraction, s <sub>i</sub> MW / Σs <sub>i</sub> MW	CARBON Weight Fraction	HYDROGE N Weight Fraction	OXYGE N Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb	
Helium‡	4.00	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000								
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.9	0.0190	0.0013	6.2	0.0000	0.0383							0.0000		
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	19.2	0.1920	0.1857	0.0	0.0031	5.3779	0.1924				0.1924		0.1924	2.5858	
Oxygen	32.00	1.1053	0.0		11.819	3.96	0.0396	0.0438	0.0	0.0000	1.2672	0.0453			0.0453			0.0453	0.5357	
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011			0.0020	0.0271	
Carbon Dioxide‡	44.01	1.5194	0.0	0.0640	8.548	31.8	0.3180	0.4832	0.0	0.0204	13.9952	0.5006	0.1366	0.0000	0.3640			0.5006	4.2789	
Methane	16.04	0.5539	1012.0	0.0436	23.565	45.0	0.4500	0.2493	455.4	0.0196	7.2180	0.2582	0.1933	0.0649				0.2582	6.0838	
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	6.33	0.000006	0.0000	0.0	0.0000	0.0002	0.0000	0.0000	0.0000				0.0000	0.0001	
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	19.7	0.0000197	0.0000	0.0	0.0000	0.0009	0.0000	0.0000	0.0000				0.0000	0.0003	
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	3.26	0.0000033	0.0000	0.0	0.0000	0.0002	0.0000	0.0000	0.0000				0.0000	0.0000	
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000	
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	3.74	0.0000037	0.0000	0.0	0.0000	0.0003	0.0000	0.0000	0.0000				0.0000	0.0001	
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000	
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	5.73	0.0000057	0.0000	0.0	0.0000	0.0005	0.0000	0.0000	0.0000				0.0000	0.0001	
C <sub>6</sub> +	86.17	2.9753	4758.0	0.2830	4.398	42.6	0.0000426	0.0001	0.2	0.0000	0.0037	0.0001	0.0001	0.0000				0.0002	0.0006	
							1.0207	0.965 SG	462.5 Btu/ft <sup>3</sup>	0.0228	27.9583	0.9986	33.14%	6.50%	41.10%	19.26%	0.00%	0.9987	13.51 ft <sup>3</sup> /lb	

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14)

1.744

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F)

0.965

Compressibility Factor (Z)

0.9995

$$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2x_{H_2O} \cdot x_{H_2O}^2) (0.0005)]$$

Specific Gravity (corrected)

0.966

Specific Volume, (SV) ft<sup>3</sup>/lb

13.51 ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

462.8 Btu/ft<sup>3</sup> Gross @ 60°F

455.8 Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV)

$$Btu/lb = Btu/ft^3 * ft^3 / lb$$

6,253 Btu/lb @ 68°F

Gross Calorific Value, wet (GCVw)

$$G.C.V' * (1-H_2O) (ASTM D-3588, eqn 14)$$

6,144 Btu/lb @ 68°F

Gas Fd-Factor (EPA Method 19, eqn 19-13)

9,301 DSCF/MMBtu @ 68°F

$$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$$

9,160 DSCF/MMBtu @ 60°F

Fd-Factor Calculation

Landfill Gas

Facility: Ox Mountain (Los Trancos Canyon Landfill)  
 Unit: Landfill Gas Flare A-9  
 Sample ID: 3-LFG-A9-Flare  
 Date: 7/9/24

	Molecular Weight	Ideal Gas Specific Gravity, G <sub>i</sub>	Ideal Gas Total Calorific Value, H <sub>i</sub>	Compressibility Summation Factor, Z <sub>bi</sub>	Specific Volume, ft <sup>3</sup> /lb	% PPM	Composition Mole Fraction, x <sub>i</sub>	Specific Gravity Fraction, s <sub>i</sub> G <sub>i</sub>	Calorific Value Fraction, s <sub>i</sub> H <sub>i</sub>	Compressibility Fraction, s <sub>i</sub> Z <sub>bi</sub>	s <sub>i</sub> MW	Weight Fraction, s <sub>i</sub> MW / Σs <sub>i</sub> MW	CARBON Weight Fraction	HYDROGE N Weight Fraction	OXYGE N Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft <sup>3</sup> /lb	
Helium‡	4.00	0.1382	0.0	-0.0170			0.0000	0.0000	0.0	0.0000	0.0000	0.0000								
Hydrogen (H <sub>2</sub> ) ‡	2.02	0.0696	324.9		187.723	<1.8	0.0180	0.0013	5.8	0.0000	0.0363							0.0000		
Nitrogen	28.01	0.9672	0.0	0.0164	13.443	18.8	0.1880	0.1818	0.0	0.0031	5.2659	0.1884				0.1884		0.1884	2.5324	
Oxygen	32.00	1.1053	0.0		11.819	3.88	0.0388	0.0429	0.0	0.0000	1.2416	0.0444			0.0444			0.0444	0.5250	
Carbon Monoxide	28.01	0.9671	321.3	0.0217	13.506	<0.2	0.0020	0.0019	0.6	0.0000	0.0560	0.0020	0.0009	0.0000	0.0011			0.0020	0.0271	
Carbon Dioxide‡	44.01	1.5194	0.0	0.0640	8.548	32.0	0.3200	0.4862	0.0	0.0205	14.0832	0.5038	0.1375	0.0000	0.3663			0.5038	4.3065	
Methane	16.04	0.5539	1012.0	0.0436	23.565	45.3	0.4530	0.2509	458.4	0.0198	7.2661	0.2599	0.1946	0.0653				0.2600	6.1253	
Ethane (C <sub>2</sub> )	30.01	1.0382	1772.9	0.0917	12.455	5.58	0.000006	0.0000	0.0	0.0000	0.0002	0.0000	0.0000	0.0000				0.0000	0.0001	
Propane (C <sub>3</sub> )	44.09	1.5224	2523.0	0.1342	8.365	19.1	0.0000191	0.0000	0.0	0.0000	0.0008	0.0000	0.0000	0.0000				0.0000	0.0003	
Isobutane (C <sub>4</sub> )	58.12	2.0067	3260.1	0.1744	6.321	4.87	0.0000049	0.0000	0.0	0.0000	0.0003	0.0000	0.0000	0.0000				0.0000	0.0001	
n-Butane	58.12	2.0067	3269.6	0.1825	6.321		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000	
Isopentane (C <sub>5</sub> )	72.14	2.4910	4009.4	0.2276	5.252	3.54	0.0000035	0.0000	0.0	0.0000	0.0003	0.0000	0.0000	0.0000				0.0000	0.0000	
n-Pentane	72.14	2.4910	4018.5	0.2377	5.252		0.000000	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000	
Hexanes (C <sub>6</sub> )	86.17	2.9753	4758.0	0.2830	4.398	4.39	0.0000044	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0001	
C <sub>6</sub> +	86.17	2.9753	4758.0	0.2830	4.398	33.3	0.0000333	0.0001	0.2	0.0000	0.0029	0.0001	0.0001	0.0000				0.0001	0.0005	
							1.0199	0.965 SG	465.2 Btu/ft <sup>3</sup>	0.0229	27.9539	0.9987	0.3331	0.0654	0.4119	0.1884	0.0000	0.9988	13.52 ft <sup>3</sup> /lb	
										Σx <sub>i</sub> √b <sub>i</sub>	ΣxiMW		33.35%	6.55%	41.24%	18.86%	0.00%			

%H<sub>2</sub>Osat @60°F (ASTM 3588, eqn 14)

1.744

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) (Air = 1.000 @ 760mm Hg, 60°F)

0.965

Compressibility Factor (Z)

0.9995

$$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2x_{H_2O} \cdot x_{H_2O}^2) (0.0005)]$$

Specific Gravity (corrected)

0.966

Specific Volume, (SV) ft<sup>3</sup>/lb

13.52 ft<sup>3</sup>/lb

Gross Calorific Value (GCV)

465.4 Btu/ft<sup>3</sup> Gross @ 60°F

458.4 Btu/ft<sup>3</sup> Gross @ 68°F

Gross Calorific Value (GCV)

$$Btu/lb = Btu/ft^3 * ft^3 / lb$$

6,291 Btu/lb @ 68°F

Gross Calorific Value, wet (GCVw)

$$G.C.V * (1-H_2O) (ASTM D-3588, eqn 14)$$

6,182 Btu/lb @ 68°F

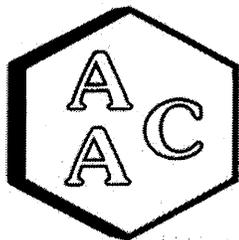
Gas Fd-Factor (EPA Method 19, eqn 19-13)

9,303 DSCF/MMBtu @ 68°F

$$DSCF/MMBtu = 10^6 * ((3.64 * \%H_2) + (1.53 * \%C) + (0.57 * \%S) + (0.14 * \%N_2) - (0.46 * \%O_2)) / Btu/lb$$

9,162 DSCF/MMBtu @ 60°F

## Laboratory Reports



## Atmospheric Analysis & Consulting, Inc.

---

CLIENT : Blue Sky Environmental  
PROJECT NAME : Ox Mountain Flare A-9  
AAC PROJECT NO. : 241614  
REPORT DATE : 07/24/2024

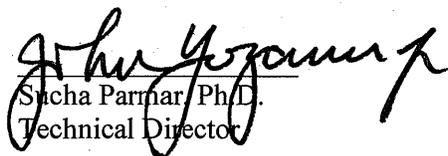
On July 11<sup>th</sup> 2024, Atmospheric Analysis & Consulting, Inc. received three (3) Six-Liter Silonite Canisters for ASTM D-1945 analysis, TNMOC analysis by EPA 25C, and Total Reduced Sulfur analysis by ASTM D-5504. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
1-LFG-A9 Flare	241614-60965	539.3
2-LFG-A9 Flare	241614-60966	546.3
3-LFG-A9 Flare	241614-60967	576.5

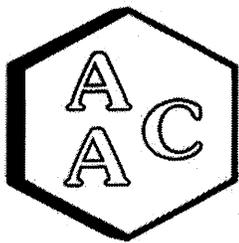
This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at [www.aaclab.com](http://www.aaclab.com).

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples. The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data.

If you have any questions or require further explanation of data results, please contact the undersigned.

  
Sucha Parmar, Ph.D.  
Technical Director

This report consists of 9 pages.



# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

CLIENT : Blue Sky Environmental, Inc  
PROJECT NO. : 241614  
MATRIX : Air

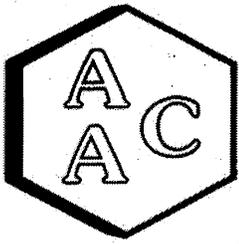
SAMPLING DATE : 07/09/2024  
RECEIVING DATE : 07/11/2024  
ANALYSIS DATE : 07/16/2024  
REPORT DATE : 07/24/2024

### ASTM D-1945

Client ID	1-LFG-A9-Flare	2-LFG-A9-Flare	3-LFG-A9-Flare
AAC ID	241614-60965	241614-60966	241614-60967
Can Dilution Factor	1.88	1.88	1.76
Analyte	Result	Result	Result
H <sub>2</sub>	< 1.9 %	< 1.9 %	< 1.8 %
O <sub>2</sub>	5.74 %	3.96 %	3.88 %
N <sub>2</sub>	24.7 %	19.2 %	18.8 %
CO	< 0.2 %	< 0.2 %	< 0.2 %
CO <sub>2</sub>	28.8 %	31.8 %	32.0 %
CH <sub>4</sub>	40.7 %	45.0 %	45.3 %
C <sub>2</sub> (as Ethane)	5.18 ppmV	6.33 ppmV	5.58 ppmV
C <sub>3</sub> (as Propane)	18.1 ppmV	19.7 ppmV	19.1 ppmV
C <sub>4</sub> (as Butane)	4.67 ppmV	3.26 ppmV	4.87 ppmV
C <sub>5</sub> (as Pentane)	4.51 ppmV	3.74 ppmV	3.54 ppmV
C <sub>6</sub> (as Hexane)	5.07 ppmV	5.73 ppmV	4.39 ppmV
C <sub>6+</sub> (as Hexane)	36.1 ppmV	42.6 ppmV	33.3 ppmV
THC (as Methane)	407,355 ppmC	449,912 ppmC	453,094 ppmC
TNMHC (as Methane)	325 ppmC	362 ppmC	306 ppmC
TNMNEHC (as Methane)	315 ppmC	349 ppmC	295 ppmC

*All fixed gases have been normalized to 100% on a dry basis*

*Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac x Canister Dil. Fac (if applicable)*



# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

Client : Blue Sky Environmental  
Project No. : 241614  
Matrix : AIR  
Units : ppmC

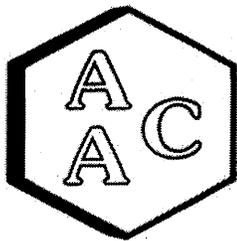
Sampling Date : 07/09/2024  
Receiving Date : 07/11/2024  
Analysis Date : 07/16/2024  
Report Date : 07/23/2024

### EPA 25C

Reporting Limit: 3.0 ppmC		Canister Dilution Factor	Analysis Dilution Factor	TNMOC*	SRL (RL x DF's)
Client Sample ID	AAC ID				
1-LFG-A9-Flare	241614-60965	1.9	1.0	593	5.6
2-LFG-A9-Flare	241614-60966	1.9	1.0	714	5.7
3-LFG-A9-Flare	241614-60967	1.8	1.0	792	5.3

Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac x Canister Dil. Fac.

\*Total Non-Methane Organic Carbon



# Atmospheric Analysis & Consulting, Inc

## LABORATORY ANALYSIS REPORT

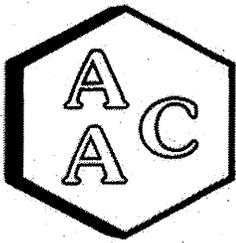
CLIENT : Blue Sky Environmental, Inc  
 PROJECT NO. : 241614  
 MATRIX : AIR  
 UNITS : ppmv

SAMPLING DATE : 07/09/2024  
 RECEIVING DATE : 07/11/2024  
 ANALYSIS DATE : 07/12/2024  
 REPORT DATE : 07/24/2024

### Total Reduced Sulfur Compounds by ASTM D-5504

Client ID	1-LFG-A9-Flare	2-LFG-A9-Flare	3-LFG-A9-Flare
AAC ID	241614-60965	241614-60966	241614-60967
Canister Dil. Fac.	1.9	1.9	1.8
Analyte	Result	Result	Result
Hydrogen Sulfide	87.9	113	77.4
COS / SO2	< 0.094	< 0.094	< 0.088
Methyl Mercaptan	0.792	0.648	0.828
Ethyl Mercaptan	0.141	0.123	0.162
Dimethyl Sulfide	0.286	0.268	0.381
Carbon Disulfide	< 0.094	< 0.094	< 0.088
Isopropyl Mercaptan	0.640	0.618	0.793
tert-Butyl Mercaptan	0.119	< 0.094	0.106
n-Propyl Mercaptan	0.119	0.219	0.116
Methylethylsulfide	< 0.094	< 0.094	0.137
sec-Butyl Mercaptan / Thiophene	0.717	0.707	0.832
iso-Butyl Mercaptan	0.109	< 0.094	< 0.088
Diethyl Sulfide	< 0.094	< 0.094	< 0.088
n-Butyl Mercaptan	< 0.094	< 0.094	< 0.088
Dimethyl Disulfide	< 0.094	< 0.094	< 0.088
2-Methylthiophene	0.119	0.109	0.148
3-Methylthiophene	< 0.094	< 0.094	< 0.088
Tetrahydrothiophene	< 0.094	< 0.094	< 0.088
Bromothiophene	< 0.094	< 0.094	< 0.088
Thiophenol	< 0.094	< 0.094	< 0.088
Diethyl Disulfide	< 0.094	< 0.094	< 0.088
Total Unidentified Sulfur	< 0.094	< 0.094	0.863
<b>Total Reduced Sulfurs</b>	<b>90.9</b>	<b>116</b>	<b>81.8</b>

All unidentified compound's concentrations expressed in terms of H<sub>2</sub>S  
 Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.



# Atmospheric Analysis & Consulting, Inc.

## Quality Control/Quality Assurance Report

Date Analyzed : 07/16/2024  
 Analyst : NR  
 Units : %

Instrument ID : GC-TCA #2  
 Calb Date : 01/24/2024  
 Reporting Limit : 0.1%

### I - Opening Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
CCV	Spike Conc	10.0	9.9	19.9	10.0	10.0	10.0
	Result	10.3	10.8	21.8	9.9	9.6	9.5
	% Rec *	102.5	108.4	109.6	99.5	96.3	95.2

### II - Method Blank - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
MB	Concentration	ND	ND	ND	ND	ND	ND

### III - Laboratory Control Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	10.0	9.9	19.9	10.0	10.0	10.0
	LCS Result	9.9	10.7	21.7	10.0	9.8	9.6
	LCSD Result	9.2	10.5	21.4	9.7	9.5	9.3
	LCS % Rec *	98.2	107.2	108.8	100.6	97.7	96.6
	LCSD % Rec *	92.2	106.1	107.3	97.4	94.7	93.8
	% RPD ***	6.3	1.1	1.4	3.2	3.1	2.9

### IV - Sample & Sample Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
241614-60965	Sample	0.0	3.0	13.1	21.3	0.0	15.1
	Sample Dup	0.0	2.9	12.5	20.7	0.0	14.7
	Mean	0.0	3.0	12.8	21.0	0.0	14.9
	% RPD ***	0.0	4.6	4.7	2.8	0.0	2.7

### V - Matrix Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	H2	N2	CH4	CO	CO2
241614-60965	Sample Conc	0.0	6.4	10.5	0.0	7.4
	Spike Conc	10.0	10.1	10.0	10.0	10.0
	MS Result	9.6	17.4	20.2	9.1	16.7
	MSD Result	10.9	16.9	20.5	9.6	17.0
	MS % Rec **	95.3	109.7	97.5	91.2	92.6
	MSD % Rec **	108.6	104.6	100.8	95.5	96.2
	% RPD ***	13.1	4.8	3.3	4.6	3.8

### VI - Closing Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	H2	O2	N2	CH4	CO	CO2
CCV	Spike Conc	10.0	9.9	19.9	10.0	10.0	10.0
	Result	10.1	10.5	21.6	10.1	9.7	9.6
	% Rec *	100.7	105.9	108.3	101.1	96.8	96.2

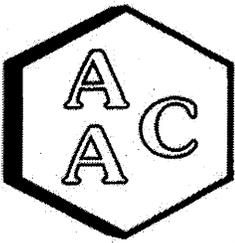
\* Must be 85-115%

\*\* Must be 75-125%

\*\*\* Must be < 25%

ND = Not Detected

<RL = less than Reporting Limit



# Atmospheric Analysis & Consulting, Inc.

## Quality Control/Quality Assurance Report

**Analysis Date** : 07/16/2024  
**Analyst** : NR  
**Units** : ppmv

**Instrument ID:** : GCTCA#2-FID  
**Calibration Date:** : 08/31/2023

### I - Opening Calibration Verification Standard - Method 25C

Analyte	xRF	DRF	%RPD*
Propane	549886	563310	2.4

### II - TNMOC Response Factor - Method 25C

Analyte	xRF	CV RF	CV dp RF	CV tp RF	Average RF	% RPD***
Propane	549886	563310	564849	548879	559013	1.6

### III - Ethene & Ethane - Method 25C

AAC ID	Analyte	Result
10ppm Ethane	Ethene	10.85
	Ethane	10.89

### IV - Method Blank - Method 25C

AAC ID	Analyte	Sample Result
MB	TNMOC	0.00

### V - Laboratory Control Spike & Duplicate - Method 25C

AAC ID	Analyte	Spike Added	LCS	LCSD	LCS % Rec **	LCSD % Rec **	% RPD***
LCS/LCSD	Propane	52.1	53.5	52.0	102.7	99.8	2.9

### VI - Closing Calibration Verification Standard - Method 25C

Analyte	xCF	dCF	%RPD*
Propane	549886	551833	0.4

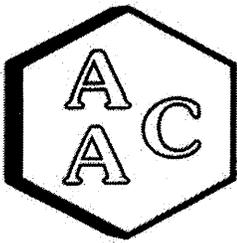
xCF - Average Calibration Factor from Initial Calibration Curve

dCF - Daily Calibration Factor

\* Must be <15%

\*\* Must be 90-110 %

\*\*\* Must be <20%



# Atmospheric Analysis & Consulting, Inc.

## Quality Control/Quality Assurance Report

Date Analyzed : 07/16/2024  
 Analyst : DM/NR  
 Units : ppmv

Instrument ID : FID #3  
 Calb Date : 11/28/23  
 Reporting Limit : 0.5 ppmv

### I - Opening Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	99.7	98.2	100.0	99.6	99.9	100.1
	Result	94.6	92.8	95.7	96.3	101.0	97.9
	% Rec *	94.9	94.5	95.7	96.7	101.1	97.8

### II - Method Blank - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
MB	Concentration	ND	ND	ND	ND	ND	ND

### III - Laboratory Control Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	99.7	98.2	100.0	99.6	99.9	100.1
	LCS Result	97.2	95.6	98.2	97.5	102.7	98.8
	LCSD Result	98.3	96.2	98.9	101.3	104.0	102.4
	LCS % Rec *	97.6	97.3	98.3	98.0	102.8	98.7
	LCSD % Rec *	98.6	97.9	98.9	101.7	104.2	102.4
	% RPD ***	1.0	0.6	0.7	3.8	1.3	3.7

### IV - Sample & Sample Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
232090-49920	Sample	2.3	0.0	0.0	0.0	0.0	0.0
	Sample Dup	2.1	0.0	0.0	0.0	0.0	0.0
	Mean	2.2	0.0	0.0	0.0	0.0	0.0
	% RPD ***	11.8	0.0	0.0	0.0	0.0	0.0

### V - Matrix Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
232090-49920	Sample Conc	1.1	0.0	0.0	0.0	0.0	0.0
	Spike Conc	49.8	49.1	50.0	49.8	49.9	50.0
	MS Result	55.6	52.9	53.1	54.0	56.4	54.8
	MSD Result	55.8	52.2	53.4	53.8	56.0	55.0
	MS % Rec **	109.3	107.8	106.2	108.5	113.0	109.6
	MSD % Rec **	109.7	106.3	106.8	108.0	112.2	110.0
	% RPD ***	0.3	1.4	0.6	0.4	0.7	0.3

### VI - Closing Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	99.7	98.2	100.0	99.6	99.9	100.1
	Result	95.3	92.9	95.0	97.1	101.5	99.1
	% Rec *	95.6	94.6	95.0	97.5	101.6	99.1

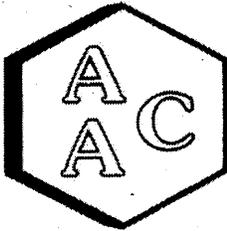
\* Must be 85-115%

\*\* Must be 75-125%

\*\*\* Must be < 25%

ND = Not Detected

<RL = less than Reporting Limit



# Atmospheric Analysis & Consulting, Inc.

## Quality Control/Quality Assurance Report ASTM D-5504

Date Analyzed: 7/12/2024  
Analyst: CM/KM  
Units: ppmV

Instrument ID : SCD-BTU  
Calb. Date : 01/25/2024

### Opening Calibration Verification Standard

0.511 ppbV H<sub>2</sub>S (GC-110223-01)

H <sub>2</sub> S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	10760	0.499	97.6	3.6
Duplicate	11178	0.518	101.4	0.1
Triplicate	11554	0.536	104.8	3.5

0.502 ppbV MeSH (GC-110223-01)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	9143	0.493	98.2	1.8
Duplicate	9342	0.504	100.4	0.3
Triplicate	9453	0.510	101.6	1.5

0.497 ppbV DMS (GC-110223-01)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	12521	0.520	104.5	0.1
Duplicate	12563	0.521	104.9	0.3
Triplicate	12501	0.519	104.4	0.2

### Method Blank

Analyte	Result
H <sub>2</sub> S	<PQL
MeSH	<PQL
DMS	<PQL

### Duplicate Analysis

Sample ID 231800-48643

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H <sub>2</sub> S	<PQL	<PQL	0.000	0.0
MeSH	<PQL	<PQL	0.000	0.0
DMS	<PQL	<PQL	0.000	0.0

### Matrix Spike & Duplicate

Sample ID x2

Analyte	Sample Conc.	Spike Added	MS Result	MSD Result	MS % Rec **	MSD % Rec **	% RPD ***
H <sub>2</sub> S	<PQL	0.256	0.261	0.265	102.2	103.7	1.5
MeSH	<PQL	0.251	0.261	0.257	104.0	102.4	1.5
DMS	<PQL	0.249	0.267	0.267	107.4	107.4	0.0

### Closing Calibration Verification Standard

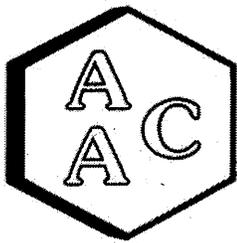
Analyte	Std. Conc.	Result	% Rec **
H <sub>2</sub> S	0.511	0.519	101.6
MeSH	0.502	0.499	99.4
DMS	0.497	0.530	106.6

\* Must be 95-105%, \*\* Must be 90-110%, \*\*\* Must be < 10%, \*\*\*\* Must be < 5% RPD from Mean result.

PQL 50.0 ppbV

MDL 1.1 ppbV





## Atmospheric Analysis & Consulting, Inc.

---

CLIENT : Blue Sky Environmental  
PROJECT NAME : Ox Mountain flare A-9  
AAC PROJECT NO. : 241614  
REPORT DATE : 07/15/2024

On July 11, 2024, Atmospheric Analysis & Consulting, Inc. received three (3) 6.0-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

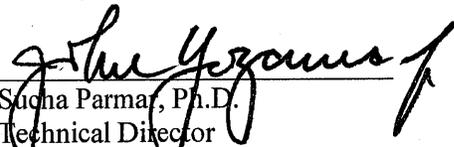
Client ID	Lab ID	Return Pressure (mmHga)
1-LFG-A9 Flare	241614-60965	539.3
2-LFG-A9 Flare	241614-60966	546.3
3-LFG-A9 Flare	241614-60967	576.5

**This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908.** Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at [www.aaclab.com](http://www.aaclab.com).

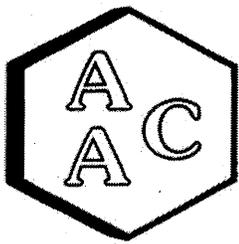
I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

  
Sucha Parmar, Ph.D.  
Technical Director

This report consists of 10 pages.



# Atmospheric Analysis & Consulting, Inc.

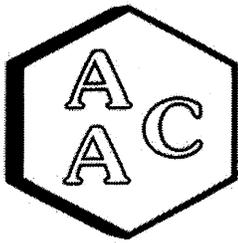
## Laboratory Analysis Report

CLIENT : Blue Sky Environmental  
 PROJECT NO : 241614  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 07/11/2024  
 DATE REPORTED : 07/15/2024  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	1-LFG-A9 Flare			Sample Reporting Limit (SRL)	2-LFG-A9 Flare			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
	AAC ID	Result	Qualifier		Analysis DF	Result	Qualifier		
	241614-60965				241614-60966				
Date Sampled	07/09/2024				07/09/2024				
Date Analyzed	07/12/2024				07/12/2024				
Can Dilution Factor	1.88				1.88				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	(MRL)
Chlorodifluoromethane	<SRL	U	50	47.0	67.8		50	47.1	0.50
Propene	1200		50	94.1	4570		50	94.2	1.00
Dichlorodifluoromethane	<SRL	U	50	47.0	47.1		50	47.1	0.50
Chloromethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Dichlorotetrafluoroethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Vinyl Chloride	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Methanol	<SRL	U	50	470	1150		50	471	5.00
1,3-Butadiene	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Bromomethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Chloroethane	<SRL	U	50	47.0	86.7		50	47.1	0.50
Dichlorofluoromethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Ethanol	1140		50	188	7190		50	188	2.00
Vinyl Bromide	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Acetone	4210		50	188	5270		50	188	2.00
Trichlorofluoromethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
2-Propanol (IPA)	<SRL	U	50	188	1770		50	188	2.00
Acrylonitrile	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
1,1-Dichloroethene	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Methylene Chloride (DCM)	<SRL	U	50	94.1	<SRL	U	50	94.2	1.00
Allyl Chloride	<SRL	U	50	94.1	<SRL	U	50	94.2	1.00
Carbon Disulfide	<SRL	U	50	188	<SRL	U	50	188	2.00
Trichlorotrifluoroethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
trans-1,2-Dichloroethene	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
1,1-Dichloroethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Vinyl Acetate	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
2-Butanone (MEK)	5270		50	94.1	3410		50	94.2	1.00
cis-1,2-Dichloroethene	<SRL	U	50	47.0	74.4		50	47.1	0.50
Hexane	759		50	47.0	488		50	47.1	0.50
Chloroform	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Ethyl Acetate	<SRL	U	50	47.0	483		50	47.1	0.50
Tetrahydrofuran	<SRL	U	50	47.0	779		50	47.1	0.50
1,2-Dichloroethane	<SRL	U	50	47.0	56.5		50	47.1	0.50
1,1,1-Trichloroethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Benzene	<SRL	U	50	47.0	484		50	47.1	0.50



# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

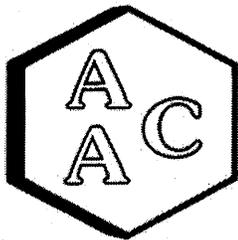
CLIENT : Blue Sky Environmental  
 PROJECT NO : 241614  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 07/11/2024  
 DATE REPORTED : 07/15/2024  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID AAC ID	1-LFG-A9 Flare 241614-60965			Sample Reporting Limit (SRL) (MRLxDF's)	2-LFG-A9 Flare 241614-60966			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
	Date Sampled	Date Analyzed	Can Dilution Factor		Date Sampled	Date Analyzed	Can Dilution Factor		
Compound	Result	Qualifier	Analysis DF	Result	Qualifier	Analysis DF	Result	Qualifier	Analysis DF
Carbon Tetrachloride	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Cyclohexane	1030		50	47.0	189		50	47.1	0.50
1,2-Dichloropropane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Bromodichloromethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
1,4-Dioxane	<SRL	U	50	94.1	<SRL	U	50	94.2	1.00
Trichloroethene (TCE)	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
2,2,4-Trimethylpentane	<SRL	U	50	47.0	56.5		50	47.1	0.50
Heptane	<SRL	U	50	47.0	342		50	47.1	0.50
cis-1,3-Dichloropropene	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
4-Methyl-2-pentanone (MIBK)	<SRL	U	50	47.0	145		50	47.1	0.50
trans-1,3-Dichloropropene	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
1,1,2-Trichloroethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Toluene	<SRL	U	50	47.0	1850		50	47.1	0.50
2-Hexanone (MBK)	<SRL	U	50	94.1	<SRL	U	50	94.2	1.00
Dibromochloromethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
1,2-Dibromoethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Tetrachloroethene (PCE)	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Chlorobenzene	<SRL	U	50	47.0	49.0		50	47.1	0.50
Ethylbenzene	<SRL	U	50	47.0	1410		50	47.1	0.50
m & p-Xylene	<SRL	U	50	94.1	1850		50	94.2	1.00
Bromoform	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
Styrene	<SRL	U	50	47.0	121		50	47.1	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
o-Xylene	<SRL	U	50	47.0	646		50	47.1	0.50
4-Ethyltoluene	<SRL	U	50	47.0	294		50	47.1	0.50
1,3,5-Trimethylbenzene	<SRL	U	50	47.0	163		50	47.1	0.50
1,2,4-Trimethylbenzene	<SRL	U	50	47.0	364		50	47.1	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
1,3-Dichlorobenzene	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
1,4-Dichlorobenzene	<SRL	U	50	47.0	178		50	47.1	0.50
1,2-Dichlorobenzene	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
1,2,4-Trichlorobenzene	<SRL	U	50	188	<SRL	U	50	188	2.00
Hexachlorobutadiene	<SRL	U	50	47.0	<SRL	U	50	47.1	0.50
BFB-Surrogate Std. % Recovery		89%				95%			70-130%

U - Compound was not detected at or above the SRL.



# Atmospheric Analysis & Consulting, Inc.

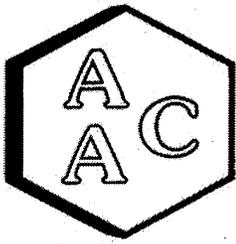
## Laboratory Analysis Report

CLIENT : Blue Sky Environmental  
 PROJECT NO : 241614  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 07/11/2024  
 DATE REPORTED : 07/15/2024  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>	3-LFG-A9 Flare			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
<i>AAC ID</i>	241614-60967				
<i>Date Sampled</i>	07/09/2024				
<i>Date Analyzed</i>	07/12/2024				
<i>Can Dilution Factor</i>	1.76			(MRLxDF's)	(MRL)
<i>Compound</i>	Result	Qualifier	Analysis DF		
Chlorodifluoromethane	65.2		50	44.1	0.50
Propene	4760		50	88.1	1.00
Dichlorodifluoromethane	<SRL	U	50	44.1	0.50
Chloromethane	<SRL	U	50	44.1	0.50
Dichlorotetrafluoroethane	<SRL	U	50	44.1	0.50
Vinyl Chloride	<SRL	U	50	44.1	0.50
Methanol	1090		50	44.1	5.00
1,3-Butadiene	<SRL	U	50	44.1	0.50
Bromomethane	<SRL	U	50	44.1	0.50
Chloroethane	69.6		50	44.1	0.50
Dichlorofluoromethane	<SRL	U	50	44.1	0.50
Ethanol	6610		50	176	2.00
Vinyl Bromide	<SRL	U	50	44.1	0.50
Acetone	3940		50	176	2.00
Trichlorofluoromethane	<SRL	U	50	44.1	0.50
2-Propanol (IPA)	1920		50	176	2.00
Acrylonitrile	<SRL	U	50	44.1	0.50
1,1-Dichloroethene	<SRL	U	50	44.1	0.50
Methylene Chloride (DCM)	<SRL	U	50	88.1	1.00
Allyl Chloride	<SRL	U	50	88.1	1.00
Carbon Disulfide	<SRL	U	50	176	2.00
Trichlorotrifluoroethane	<SRL	U	50	44.1	0.50
trans-1,2-Dichloroethene	<SRL	U	50	44.1	0.50
1,1-Dichloroethane	<SRL	U	50	44.1	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	44.1	0.50
Vinyl Acetate	<SRL	U	50	44.1	0.50
2-Butanone (MEK)	3510		50	88.1	1.00
cis-1,2-Dichloroethene	70.5		50	44.1	0.50
Hexane	264		50	44.1	0.50
Chloroform	<SRL	U	50	44.1	0.50
Ethyl Acetate	436		50	44.1	0.50
Tetrahydrofuran	805		50	44.1	0.50
1,2-Dichloroethane	54.6		50	44.1	0.50
1,1,1-Trichloroethane	<SRL	U	50	44.1	0.50
Benzene	492		50	44.1	0.50



# Atmospheric Analysis & Consulting, Inc.

## Laboratory Analysis Report

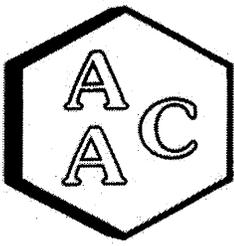
CLIENT : Blue Sky Environmental  
 PROJECT NO : 241614  
 MATRIX : AIR  
 UNITS : PPB (v/v)

DATE RECEIVED : 07/11/2024  
 DATE REPORTED : 07/15/2024  
 ANALYST : DL/CH

### VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

<i>Client ID</i>		3-LFG-A9 Flare		Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
<i>AAC ID</i>		241614-60967			
<i>Date Sampled</i>		07/09/2024			
<i>Date Analyzed</i>		07/12/2024			
<i>Can Dilution Factor</i>		1.76			
<i>Compound</i>	<b>Result</b>	<b>Qualifier</b>	<b>Analysis DF</b>		
Carbon Tetrachloride	<SRL	U	50	44.1	0.50
Cyclohexane	191		50	44.1	0.50
1,2-Dichloropropane	<SRL	U	50	44.1	0.50
Bromodichloromethane	<SRL	U	50	44.1	0.50
1,4-Dioxane	<SRL	U	50	88.1	1.00
Trichloroethene (TCE)	<SRL	U	50	44.1	0.50
2,2,4-Trimethylpentane	69.6		50	44.1	0.50
Heptane	348		50	44.1	0.50
cis-1,3-Dichloropropene	<SRL	U	50	44.1	0.50
4-Methyl-2-pentanone (MIBK)	152		50	44.1	0.50
trans-1,3-Dichloropropene	<SRL	U	50	44.1	0.50
1,1,2-Trichloroethane	<SRL	U	50	44.1	0.50
Toluene	1810		50	44.1	0.50
2-Hexanone (MBK)	<SRL	U	50	88.1	1.00
Dibromochloromethane	<SRL	U	50	44.1	0.50
1,2-Dibromoethane	<SRL	U	50	44.1	0.50
Tetrachloroethene (PCE)	<SRL	U	50	44.1	0.50
Chlorobenzene	49.3		50	44.1	0.50
Ethylbenzene	1370		50	44.1	0.50
m & p-Xylene	1790		50	88.1	1.00
Bromoform	<SRL	U	50	44.1	0.50
Styrene	120		50	44.1	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	50	44.1	0.50
o-Xylene	631		50	44.1	0.50
4-Ethyltoluene	308		50	44.1	0.50
1,3,5-Trimethylbenzene	164		50	44.1	0.50
1,2,4-Trimethylbenzene	381		50	44.1	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	44.1	0.50
1,3-Dichlorobenzene	<SRL	U	50	44.1	0.50
1,4-Dichlorobenzene	188		50	44.1	0.50
1,2-Dichlorobenzene	<SRL	U	50	44.1	0.50
1,2,4-Trichlorobenzene	<SRL	U	50	176	2.00
Hexachlorobutadiene	<SRL	U	50	44.1	0.50
BFB-Surrogate Std. % Recovery		94%			70-130%

U - Compound was not detected at or above the SRL.



# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/12/2024  
 MATRIX : High Purity N<sub>2</sub>  
 UNITS : PPB (v/v)

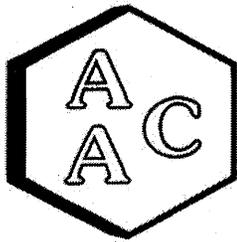
INSTRUMENT ID : GC/MS-02  
 CALIBRATION STD ID : MS1-050824-01  
 ANALYST : CH/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15 Continuing Calibration Verification of the 05/08/2024 Calibration

Analyte Compounds	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
4-BFB (surrogate standard)	9.60	9.19	96
Chlorodifluoromethane	10.20	11.48	113
Propene	10.70	10.24	96
Dichlorodifluoromethane	10.40	12.20	117
Dimethyl Ether	10.40	11.87	114
Chloromethane	10.50	11.45	109
Dichlorotetrafluoroethane	10.20	11.99	118
Vinyl Chloride	10.60	12.11	114
Acetaldehyde	20.40	23.53	115
Methanol	22.30	19.59	88
1,3-Butadiene	10.70	11.95	112
Bromomethane	10.40	11.63	112
Chloroethane	10.40	11.28	108
Dichlorofluoromethane	10.30	12.14	118
Ethanol	11.40	12.58	110
Vinyl Bromide	10.60	11.33	107
Acrolein	10.90	12.11	111
Acetone	10.60	11.34	107
Trichlorofluoromethane	10.50	11.62	111
2-Propanol (IPA)	11.00	12.48	113
Acrylonitrile	10.90	12.54	115
1,1-Dichloroethene	10.50	11.54	110
Methylene Chloride (DCM)	10.40	11.46	110
TertButanol (TBA)	11.20	13.15	117
Allyl Chloride	10.70	11.27	105
Carbon Disulfide	10.50	11.68	111
Trichlorotrifluoroethane	10.30	11.40	111
trans-1,2-Dichloroethene	10.80	10.88	101
1,1-Dichloroethane	10.70	10.74	100
Methyl Tert Butyl Ether (MTBE)	10.70	11.07	103
Vinyl Acetate	11.00	10.40	95
2-Butanone (MEK)	10.70	10.35	97
cis-1,2-Dichloroethene	10.70	11.04	103
Hexane	10.80	10.47	97
Chloroform	10.70	11.49	107
Ethyl Acetate	10.70	10.15	95
Tetrahydrofuran	10.40	9.79	94
1,2-Dichloroethane	10.60	11.35	107
1,1,1-Trichloroethane	10.50	10.87	104
Benzene	10.70	9.70	91
Carbon Tetrachloride	10.30	9.42	91
Cyclohexane	10.50	9.58	91

Analyte Compounds (Continued)	Source <sup>1</sup>	CCV <sup>2</sup>	% Recovery <sup>3</sup>
1,2-Dichloropropane	10.70	9.08	85
Bromodichloromethane	10.50	9.57	91
1,4-Dioxane	10.50	10.07	96
Trichloroethene (TCE)	10.50	9.42	90
2,2,4-Trimethylpentane	10.60	8.95	84
Methyl Methacrylate	11.00	9.79	89
Heptane	10.50	9.19	88
cis-1,3-Dichloropropene	10.50	9.53	91
4-Methyl-2-pentanone (MIBK)	10.50	9.38	89
trans-1,3-Dichloropropene	10.60	9.94	94
1,1,2-Trichloroethane	10.60	9.88	93
Toluene	10.80	10.43	97
2-Hexanone (MBK)	10.50	9.84	94
Dibromochloromethane	10.60	9.43	89
1,2-Dibromoethane	10.60	10.34	98
Tetrachloroethene (PCE)	10.50	9.58	91
Chlorobenzene	10.80	10.77	100
Ethylbenzene	10.60	10.99	104
m & p-Xylene	21.20	21.15	100
Bromoform	10.60	9.62	91
Styrene	10.60	10.94	103
1,1,2,2-Tetrachloroethane	10.60	10.06	95
o-Xylene	10.60	9.41	89
1,2,3-Trichloropropane	10.60	10.63	100
Isopropylbenzene (Cumene)	10.60	10.85	102
α-Pinene	10.10	11.14	110
2-Chlorotoluene	10.70	10.28	96
n-Propylbenzene	10.60	10.72	101
4-Ethyltoluene	10.40	11.13	107
1,3,5-Trimethylbenzene	10.30	10.91	106
β-Pinene	LR	7.52	69
1,2,4-Trimethylbenzene	10.30	11.15	108
Benzyl Chloride (a-Chlorotoluene)	10.30	11.97	116
1,3-Dichlorobenzene	10.30	11.03	107
1,4-Dichlorobenzene	10.20	11.16	109
Sec-ButylBenzene	10.70	9.94	93
1,2-Dichlorobenzene	10.40	11.16	107
n-ButylBenzene	10.60	11.90	112
1,2-Dibromo-3-Chloropropane	10.30	10.72	104
1,2,4-Trichlorobenzene	10.50	11.32	108
Naphthalene	10.90	11.05	101
Hexachlorobutadiene	10.80	12.38	115

<sup>1</sup> Concentration of analyte compound in certified source standard.  
<sup>2</sup> Measured result from daily Continuing Calibration Verification (CCV).  
<sup>3</sup> The acceptable range for analyte recovery is 100±30%.  
 LR - Recovery for this compound was low. Results should be considered estimated.



# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/12/2024  
 MATRIX : High Purity N<sub>2</sub>  
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02  
 CALIBRATION STD ID : MS1-050824-01  
 ANALYST : CH/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

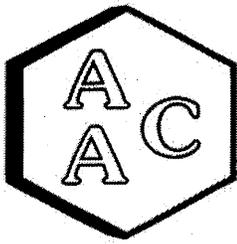
Laboratory Control Spike Analysis

<i>System Monitoring Compounds</i>	<i>Sample Concentration</i>	<i>Spike Added</i>	<i>LCS<sup>1</sup> Recovery</i>	<i>LCSD<sup>1</sup> Recovery</i>	<i>LCS<sup>1</sup> % Recovery<sup>2</sup></i>	<i>LCSD<sup>1</sup> % Recovery<sup>2</sup></i>	<i>RPD<sup>3</sup></i>
4-BFB (surrogate standard)	0.0	9.60	9.19	9.20	96	96	0.1
1,1-Dichloroethene	0.0	10.50	11.54	13.56	110	129	16.1
Methylene Chloride (DCM)	0.0	10.40	11.46	13.41	110	129	15.7
Benzene	0.0	10.70	9.70	9.40	91	88	3.1
Trichloroethene (TCE)	0.0	10.50	9.42	9.26	90	88	1.7
Toluene	0.0	10.80	10.43	10.28	97	95	1.4
Tetrachloroethene (PCE)	0.0	10.50	9.58	9.47	91	90	1.2
Chlorobenzene	0.0	10.80	10.77	10.63	100	98	1.3
Ethylbenzene	0.0	10.60	10.99	10.79	104	102	1.8
m & p-Xylene	0.0	21.20	21.15	21.19	100	100	0.2
o-Xylene	0.0	10.60	9.41	9.39	89	89	0.2

<sup>1</sup> Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

<sup>2</sup> The acceptable range for analyte recovery is 100±30%.

<sup>3</sup> Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).



# Atmospheric Analysis & Consulting, Inc.

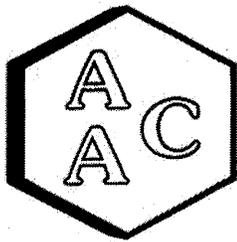
## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/12/2024  
 MATRIX : High Purity He or N<sub>2</sub>  
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02  
 ANALYST : CH/DL

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15 Method Blank Analysis

Analyte Compounds	MB 071224	Reporting Limit (RL)	Analyte Compounds (Continued)	MB 071224	Reporting Limit (RL)
4-BFB (surrogate standard)	81%	100±30%	1,2-Dichloropropane	<RL	0.5
Chlorodifluoromethane	<RL	0.5	Bromodichloromethane	<RL	0.5
Propene	<RL	1.0	1,4-Dioxane	<RL	1.0
Dichlorodifluoromethane	<RL	0.5	Trichloroethene (TCE)	<RL	0.5
Dimethyl Ether	<RL	0.5	2,2,4-Trimethylpentane	<RL	0.5
Chloromethane	<RL	0.5	Methyl Methacrylate	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5	Heptane	<RL	0.5
Vinyl Chloride	<RL	0.5	cis-1,3-Dichloropropene	<RL	0.5
Acetaldehyde	<RL	5.0	4-Methyl-2-pentanone (MiBK)	<RL	0.5
Methanol	<RL	5.0	trans-1,3-Dichloropropene	<RL	0.5
1,3-Butadiene	<RL	0.5	1,1,2-Trichloroethane	<RL	0.5
Bromomethane	<RL	0.5	Toluene	<RL	0.5
Chloroethane	<RL	0.5	2-Hexanone (MBK)	<RL	1.0
Dichlorofluoromethane	<RL	0.5	Dibromochloromethane	<RL	0.5
Ethanol	<RL	2.0	1,2-Dibromoethane	<RL	0.5
Vinyl Bromide	<RL	0.5	Tetrachloroethene (PCE)	<RL	0.5
Acrolein	<RL	1.0	Chlorobenzene	<RL	0.5
Acetone	<RL	2.0	Ethylbenzene	<RL	0.5
Trichlorofluoromethane	<RL	0.5	m & p-Xylene	<RL	1.0
2-Propanol (IPA)	<RL	2.0	Bromoform	<RL	0.5
Acrylonitrile	<RL	0.5	Styrene	<RL	0.5
1,1-Dichloroethene	<RL	0.5	1,1,2,2-Tetrachloroethane	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0	o-Xylene	<RL	0.5
TertButanol (TBA)	<RL	0.5	1,2,3-Trichloropropane	<RL	0.5
Allyl Chloride	<RL	1.0	Isopropylbenzene (Cumene)	<RL	0.5
Carbon Disulfide	<RL	2.0	α-Pinene	<RL	1.0
Trichlorotrifluoroethane	<RL	0.5	2-Chlorotoluene	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5	n-Propylbenzene	<RL	0.5
1,1-Dichloroethane	<RL	0.5	4-Ethyltoluene	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5	1,3,5-Trimethylbenzene	<RL	0.5
Vinyl Acetate	<RL	0.5	β-Pinene	<RL	2.0
2-Butanone (MEK)	<RL	1.0	1,2,4-Trimethylbenzene	<RL	0.5
cis-1,2-Dichloroethene	<RL	0.5	Benzyl Chloride (a-Chlorotoluene)	<RL	0.5
Hexane	<RL	0.5	1,3-Dichlorobenzene	<RL	0.5
Chloroform	<RL	0.5	1,4-Dichlorobenzene	<RL	0.5
Ethyl Acetate	<RL	0.5	Sec-ButylBenzene	<RL	0.5
Tetrahydrofuran	<RL	0.5	1,2-Dichlorobenzene	<RL	0.5
1,2-Dichloroethane	<RL	0.5	n-ButylBenzene	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5	1,2-Dibromo-3-Chloropropane	<RL	0.5
Benzene	<RL	0.5	1,2,4-Trichlorobenzene	<RL	2.0
Carbon Tetrachloride	<RL	0.5	Naphthalene	<RL	2.0
Cyclohexane	<RL	0.5	Hexachlorobutadiene	<RL	0.5



# Atmospheric Analysis & Consulting, Inc.

## QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/12/2024  
 MATRIX : Air  
 UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02  
 ANALYST : CH/DL  
 DILUTION FACTOR<sup>1</sup> : x17366.37

### VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 241608-60944

Analyte Compounds	Sample	Duplicate	RPD <sup>2</sup>
4-BFB (surrogate standard)	8.54	8.51	0.4
Chlorodifluoromethane	<SRL	<SRL	NA
Propene	<SRL	<SRL	NA
Dichlorodifluoromethane	<SRL	<SRL	NA
Dimethyl Ether	<SRL	<SRL	NA
Chloromethane	<SRL	<SRL	NA
Dichlorotetrafluoroethane	<SRL	<SRL	NA
Vinyl Chloride	<SRL	<SRL	NA
Acetaldehyde	<SRL	<SRL	NA
Methanol	<SRL	<SRL	NA
1,3-Butadiene	<SRL	<SRL	NA
Bromomethane	<SRL	<SRL	NA
Chloroethane	<SRL	<SRL	NA
Dichlorofluoromethane	<SRL	<SRL	NA
Ethanol	632000	592000	6.5
Vinyl Bromide	<SRL	<SRL	NA
Acrolein	<SRL	<SRL	NA
Acetone	<SRL	<SRL	NA
Trichlorofluoromethane	<SRL	<SRL	NA
2-Propanol (IPA)	<SRL	<SRL	NA
Acrylonitrile	<SRL	<SRL	NA
1,1-Dichloroethene	<SRL	<SRL	NA
Methylene Chloride (DCM)	<SRL	<SRL	NA
TertButanol (TBA)	<SRL	<SRL	NA
Allyl Chloride	<SRL	<SRL	NA
Carbon Disulfide	<SRL	<SRL	NA
Trichlorotrifluoroethane	<SRL	<SRL	NA
trans-1,2-Dichloroethene	<SRL	<SRL	NA
1,1-Dichloroethane	<SRL	<SRL	NA
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	NA
Vinyl Acetate	<SRL	<SRL	NA
2-Butanone (MEK)	<SRL	<SRL	NA
cis-1,2-Dichloroethene	<SRL	<SRL	NA
Hexane	<SRL	<SRL	NA
Chloroform	<SRL	<SRL	NA
Ethyl Acetate	<SRL	<SRL	NA
Tetrahydrofuran	<SRL	<SRL	NA
1,2-Dichloroethane	<SRL	<SRL	NA
1,1,1-Trichloroethane	<SRL	<SRL	NA
Benzene	<SRL	<SRL	NA
Carbon Tetrachloride	<SRL	<SRL	NA
Cyclohexane	<SRL	<SRL	NA

Analyte Compounds (Continued)	Sample	Duplicate	RPD <sup>2</sup>
1,2-Dichloropropane	<SRL	<SRL	NA
Bromodichloromethane	<SRL	<SRL	NA
1,4-Dioxane	<SRL	<SRL	NA
Trichloroethene (TCE)	<SRL	<SRL	NA
2,2,4-Trimethylpentane	<SRL	<SRL	NA
Methyl Methacrylate	<SRL	<SRL	NA
Heptane	<SRL	<SRL	NA
cis-1,3-Dichloropropene	<SRL	<SRL	NA
4-Methyl-2-pentanone (MIBK)	<SRL	<SRL	NA
trans-1,3-Dichloropropene	<SRL	<SRL	NA
1,1,2-Trichloroethane	<SRL	<SRL	NA
Toluene	<SRL	<SRL	NA
2-Hexanone (MBK)	<SRL	<SRL	NA
Dibromochloromethane	<SRL	<SRL	NA
1,2-Dibromoethane	<SRL	<SRL	NA
Tetrachloroethene (PCE)	<SRL	<SRL	NA
Chlorobenzene	<SRL	<SRL	NA
Ethylbenzene	<SRL	<SRL	NA
m & p-Xylene	<SRL	<SRL	NA
Bromoform	<SRL	<SRL	NA
Styrene	<SRL	<SRL	NA
1,1,2,2-Tetrachloroethane	<SRL	<SRL	NA
o-Xylene	<SRL	<SRL	NA
1,2,3-Trichloropropane	<SRL	<SRL	NA
Isopropylbenzene (Cumene)	<SRL	<SRL	NA
α-Pinene	<SRL	<SRL	NA
2-Chlorotoluene	<SRL	<SRL	NA
n-Propylbenzene	<SRL	<SRL	NA
4-Ethyltoluene	<SRL	<SRL	NA
1,3,5-Trimethylbenzene	<SRL	<SRL	NA
β-Pinene	<SRL	<SRL	NA
1,2,4-Trimethylbenzene	<SRL	<SRL	NA
Benzyl Chloride (a-Chlorotoluene)	<SRL	<SRL	NA
1,3-Dichlorobenzene	<SRL	<SRL	NA
1,4-Dichlorobenzene	<SRL	<SRL	NA
Sec-ButylBenzene	<SRL	<SRL	NA
1,2-Dichlorobenzene	<SRL	<SRL	NA
n-ButylBenzene	<SRL	<SRL	NA
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	NA
1,2,4-Trichlorobenzene	<SRL	<SRL	NA
Naphthalene	<SRL	<SRL	NA
Hexachlorobutadiene	<SRL	<SRL	NA

<sup>1</sup> Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

<sup>2</sup> Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)



## Field Data Sheets

# Ox Mountain (Los Trancos Canyon Landfill)

## Landfill Gas Flare A-9

		O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC	ZERO
DATE	TIME	%	%	PPM	PPM	PPM	PPM	SPAN
7/9/2024	7:34:07	0.06	0.03	-0.09	-0.16			
7/9/2024	7:41:08					244.12	25.66	INTERNAL LINEARITY
7/9/2024	7:43:08	20.54	18.38	45.17	126.21			
7/9/2024	7:50:09	10.56	9.46	23.04	84.84			
7/9/2024	8:00:11					449.14	45.45	
7/9/2024	8:28:21					150.45	15.42	
7/9/2024	8:23:20					0.76	0.72	
7/9/2024	7:52:10			4.54				NO <sub>2</sub> CHECK
7/9/2024	7:53:10			10.45				
7/9/2024	7:54:10			11.64				
7/9/2024	7:55:10			11.77				
7/9/2024	7:56:10			11.78				
7/9/2024	7:57:11			11.98				
7/9/2024	7:58:11			12.12				EXTERNAL BIAS
7/9/2024	8:11:18				85.16			
7/9/2024	8:16:19	0.09	0.11	23.08				
7/9/2024	8:23:20	10.58	9.38	0.01	-0.01			

RUN 1		O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC
DATE	TIME	%	%	PPM	PPM	PPM	PPM
7/9/2024	9:25:31	12.88	6.88	16.92	8.66	15.25	1.41
7/9/2024	9:26:31	13.09	6.70	17.13	9.43	15.04	1.10
7/9/2024	9:27:31	13.04	6.72	17.20	8.96	2.40	0.97
7/9/2024	9:28:32	13.20	6.57	16.78	10.94	1.48	0.80
7/9/2024	9:29:32	13.19	6.54	16.25	12.33	9.71	1.00
7/9/2024	9:30:32	13.15	6.66	16.40	12.28	5.40	1.24
7/9/2024	9:31:32	13.38	6.41	15.69	15.90	5.88	1.46
7/9/2024	9:32:32	13.59	6.22	15.10	20.59	8.03	1.89
7/9/2024	9:33:33	13.79	5.98	14.21	33.26	12.14	2.11
7/9/2024	9:34:33	13.74	6.03	14.20	31.09	11.41	2.34
7/9/2024	9:35:33	13.84	5.89	14.26	26.27	8.43	2.68
7/9/2024	9:36:33	14.09	5.66	13.37	34.45	5.91	2.81
7/9/2024	9:37:33	14.06	5.58	13.07	35.58	4.42	2.80
7/9/2024	9:38:33	14.21	5.51	12.80	37.02	4.42	2.75
7/9/2024	9:39:34	14.56	5.20	11.63	51.42	5.98	2.64
7/9/2024	9:40:34	14.82	4.89	10.85	58.41	6.28	2.60
7/9/2024	9:41:34	14.96	4.72	10.33	66.13	6.30	2.61
7/9/2024	9:42:34	14.98	4.71	10.07	58.47	6.82	2.41
Port Change							
7/9/2024	9:48:35	13.54	6.22	14.84	17.09	5.27	2.11
7/9/2024	9:49:35	13.51	6.28	15.32	14.50	4.38	2.36
7/9/2024	9:50:35	13.47	6.26	15.81	15.85	4.99	2.26
7/9/2024	9:51:36	13.63	6.10	15.31	18.68	7.91	2.28
7/9/2024	9:52:36	13.55	6.14	15.58	17.13	11.23	2.23
7/9/2024	9:53:36	13.65	6.10	15.69	18.98	8.98	2.19
7/9/2024	9:54:36	13.76	5.97	15.13	23.09	10.99	2.16
7/9/2024	9:55:36	13.68	6.09	15.16	24.10	11.02	2.06
7/9/2024	9:56:37	13.69	6.05	15.11	23.78	8.60	2.01
7/9/2024	9:57:37	13.75	6.00	14.96	25.50	8.40	2.06
7/9/2024	9:58:37	13.93	5.89	14.57	29.82	8.06	2.01
7/9/2024	9:59:37	13.92	5.88	14.37	33.16	7.84	1.88
7/9/2024	10:00:37	13.97	5.75	13.80	36.12	8.88	1.88
7/9/2024	10:01:37	14.01	5.76	13.67	37.07	9.43	1.83
7/9/2024	10:02:38	14.24	5.54	13.29	38.69	8.04	1.75
7/9/2024	10:03:38	14.36	5.35	12.43	46.14	8.79	1.79
7/9/2024	10:04:38	14.52	5.24	11.98	52.85	10.66	1.70
7/9/2024	10:05:38	14.60	5.13	11.55	55.78	10.19	1.77
<b>AVERAGE</b>		<b>13.84</b>	<b>5.91</b>	<b>14.30</b>	<b>29.43</b>	<b>8.03</b>	<b>2.00</b>

7/9/2024	10:18:40					446.15	45.11
7/9/2024	10:20:41				84.71		
7/9/2024	10:24:41	0.04	0.13	23.22			
7/9/2024	10:28:42	10.52	9.45	-0.22	-0.06	0.43	0.80

RUN 2		O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC
TIME		%	%	PPM	PPM	PPM	PPM
10:33:43		13.92	5.87	14.71	22.75	9.10	0.28
10:34:43		14.32	5.48	13.17	31.41	6.59	1.12
10:35:43		14.37	5.37	12.12	31.23	4.32	1.75
10:36:43		14.54	5.21	11.16	31.18	3.49	1.81
10:37:44		14.68	5.03	10.41	37.47	2.65	1.81
10:38:44		14.71	5.10	10.85	35.11	5.88	1.79
10:39:44		14.95	4.83	10.20	38.22	8.96	1.69
10:40:44		15.05	4.59	9.68	58.63	9.67	1.70
10:41:44		15.05	4.66	10.03	65.84	8.87	1.71
10:42:45		15.12	4.60	10.13	41.07	7.55	1.77
10:43:45		15.11	4.51	9.57	41.87	6.43	1.81
10:44:45		12.06	7.55	17.82	27.81	6.54	1.76
10:45:45		11.71	8.03	22.12	0.93	5.43	1.74
10:46:45		11.79	7.99	21.32	0.45	0.24	0.40
10:47:45		12.35	7.45	20.55	0.64	0.03	0.10
10:48:46		12.74	7.04	19.01	1.67	0.72	0.20
10:49:46		13.08	6.77	17.70	3.59	6.89	1.86
10:50:46		13.32	6.46	16.79	4.76	6.69	1.72
Port Change							
10:56:47		13.93	5.84	10.69	31.03	5.14	1.72
10:57:47		13.22	6.42	15.04	35.40	4.68	1.79
10:58:47		12.35	7.44	21.06	3.83	4.55	1.90
10:59:47		12.46	7.29	20.22	1.35	0.47	0.80
11:00:48		12.78	7.00	19.07	1.92	0.37	0.89
11:01:48		12.95	6.80	17.97	2.64	0.11	0.72
11:02:48		13.06	6.70	17.65	3.77	0.92	0.85
11:03:48		13.08	6.68	17.38	5.57	2.42	0.87
11:04:48		13.19	6.62	17.16	6.14	3.12	0.87
11:05:49		13.51	6.33	16.48	10.40	3.90	0.80
11:06:49		13.94	5.83	14.83	24.61	3.83	0.80
11:07:49		14.08	5.71	14.00	37.07	3.02	0.77
11:08:49		14.26	5.51	13.53	40.72	10.09	4.54
11:09:49		14.34	5.31	12.91	46.27	10.00	1.90
11:10:49		14.58	5.13	11.64	66.17	3.13	1.91
11:11:50		14.71	4.97	10.98	113.67	42.77	10.20
11:12:50		15.00	4.71	10.10	122.07	45.12	4.54
11:13:50		15.03	4.67	10.36	119.72	40.54	2.66
<b>AVERAGE</b>		<b>13.76</b>	<b>5.99</b>	<b>14.68</b>	<b>31.86</b>	<b>7.90</b>	<b>1.77</b>

11:20:51						449.42	45.49
11:23:52					84.31		
11:27:52		0.06	0.14	23.18			
11:29:53		10.51	9.45	-0.13	0.23	0.53	0.15

RUN 3		O <sub>2</sub>	CO <sub>2</sub>	NO <sub>x</sub>	CO	CH <sub>4</sub>	NMOC
TIME		%	%	PPM	PPM	PPM	PPM
11:33:53		14.59	5.22	11.64	44.31	2.69	1.71
11:34:54		14.94	4.98	10.76	58.31	2.50	1.69
11:35:54		15.42	5.05	11.10	67.13	2.85	-0.10
11:36:54		15.22	4.98	11.19	79.26	3.30	1.49
11:37:54		15.57	4.55	10.48	105.56	20.45	4.69
11:38:54		15.72	4.58	10.21	122.98	22.69	8.98
11:39:54		12.65	7.30	16.79	80.32	3.01	1.66
11:40:55		10.96	8.76	24.74	1.05	2.47	1.72
11:41:55		11.71	8.08	23.04	-0.06	1.97	1.67
11:42:55		12.25	7.58	21.12	-0.08	2.01	1.69
11:43:55		13.07	7.13	20.22	0.04	0.98	0.74
11:44:55		13.37	6.89	19.11	0.31	0.07	0.71
11:45:55		13.16	6.60	18.20	1.89	2.46	1.53
11:46:56		13.40	6.34	17.26	5.92	2.40	0.60
11:47:56		13.60	6.17	16.48	8.93	2.42	0.66
11:48:56		13.67	6.06	15.87	13.29	2.87	1.77
11:49:56		14.04	5.65	14.16	20.30	2.51	1.65
11:50:56		14.13	5.56	13.61	28.72	2.13	1.64
Port Change							
11:55:57		12.91	6.82	15.96	2.73	3.43	1.69
11:56:57		12.94	6.80	17.51	3.55	2.93	1.60
11:57:58		13.28	6.50	17.10	4.86	3.36	1.45
11:58:58		13.51	6.62	17.47	5.41	3.88	1.60
11:59:58		14.12	6.43	17.15	6.67	3.46	1.64
12:00:58		13.40	6.57	16.82	7.25	3.28	1.60
12:01:58		13.47	6.35	16.04	12.50	3.92	1.70
12:02:58		12.78	6.92	18.35	3.15	3.82	1.72
12:03:59		13.00	6.97	18.30	0.55	2.92	1.67
12:04:59		13.70	6.68	17.67	1.72	2.47	0.68
12:05:59		13.21	6.69	17.23	3.34	2.54	0.66
12:06:59		13.01	6.76	17.89	2.90	3.98	0.69
12:07:59		13.17	6.62	17.28	3.82	4.68	1.69
12:08:59		13.45	6.24	16.41	5.35	4.06	1.69
12:10:00		14.00	5.69	14.30	13.32	3.10	0.67
12:11:00		14.01	5.70	13.53	18.41	5.96	0.67
12:12:00		14.37	5.34	12.23	26.16	13.29	0.69
12:13:00		14.11	3.27	8.89	25.91	3.36	1.64
<b>AVERAGE</b>		<b>13.61</b>	<b>6.23</b>	<b>16.00</b>	<b>21.83</b>	<b>4.28</b>	<b>1.62</b>

12:16:01						446.45	45.10
12:18:01					84.75		
12:22:02		0.05	0.06	23.22			
12:24:02		10.51	9.43	-0.17	-0.05		

Facility: ox Motacid Meter #: XCM-12 Pbar: 29.90  
 Location: top flare Yd: 0.9583 % O<sub>2</sub>: /  
 Date: 7-9-2024 Pyrometer #: XCM-12 % CO<sub>2</sub>: /  
 Personnel: JGC ΔH: 1.7620 % H<sub>2</sub>O: /

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
6	9:25	030.600	56	42	3	1.7
5	5	031.6	56	46	3	1.7
4	10	032.3	56	49	3	1.7
3	15	041.156	57	49	3	1.7
2	20	044.76	60	47	3	1.7
1	25	048.39	61	50	3	1.7
END	30	051.841				
TOTAL/AVG		<u>21.241</u>	<u>57.7</u>			

Initial Leak Check 0.001 CFM 15 "Hg  
 Final Leak Check 0.001 CFM 9 "Hg

	Initial	Final	Net
Impinger #1	757.0	786.7	30.7
Impinger #2	800	802.5	2.5
Impinger #3	759.0	758.9	-0.1
Silica Gel	900.0	896.0	4.0
Total Net:			<u>36.6</u>
% Moisture			

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
6	10:32	053.202	62	46	3	1.7
5	5	056.88	63	48	3	1.7
4	10	060.56	64	50	3	1.7
3	15	064.913	65	50	3	1.7
2	20	067.87	66	51	3	1.7
1	25	071.52	65	51	4	1.7
END	30	075.285				
TOTAL/AVG		<u>22.083</u>	<u>64.2</u>			

Initial Leak Check 0.002 CFM 13 "Hg  
 Final Leak Check 0.001 CFM 8 "Hg

	Initial	Final	Net
Impinger #1	887.7	814.2	26.5
Impinger #2	808.5	804.9	2.4
Impinger #3	758.3	760.0	1.7
Silica Gel	904.0	907.7	3.7
Total Net:			<u>34.3</u>
% Moisture			

Point	Time	Meter Vol, Ft <sup>3</sup>	Temperature, °F		Vacuum, "Hg	Meter ΔH
			Meter In	Imp.		
6	11:33	076.000	67	47	3	1.7
5	5	079.8	67	49	3	1.7
4	10	083.31	68	50	3	1.7
3	15	086.926	67	52	4	1.7
2	20	090.60	68	53	4	1.7
1	25	094.8	69	53	4	1.7
END	30	098.013				
TOTAL/AVG		<u>22.013</u>	<u>67.7</u>			

Initial Leak Check 0.002 CFM 14 "Hg  
 Final Leak Check 0.001 CFM 10 "Hg

	Initial	Final	Net
Impinger #1	814.2	840.1	25.9
Impinger #2	804.9	806.6	1.7
Impinger #3	760.0	762.1	2.1
Silica Gel	907.7	913.2	5.5
Total Net:			<u>35.2</u>
% Moisture			

Vw std = 0.00267 \* Vw \* (Tstd + 460) / 29.92  
 Vm std = Vm \* Yd \* (Tstd + 460) \* (Pb + (ΔH / 13.6)) / (Im + 460) /  
 Stack Moisture H<sub>2</sub>O % = 100 \* Vw std / (Vw std + Vm std)

## **Process Information**

**Ox Mountain Landfill  
Half-Moon Bay, CA  
Flare A-9**

Date	Time	Ch. Tag Unit sec	CH02 1 SCFM		CH05 1 Deg. F		Temperature average
			MIN	MAX	MIN	MAX	
<b>Run #1</b>							
2024/07/09	09:26:00	0.000	1,286	1,348	1,603	1,624	1,614
2024/07/09	09:28:00	0.000	1,285	1,374	1,609	1,625	1,617
2024/07/09	09:30:00	0.000	1,290	1,356	1,597	1,609	1,603
2024/07/09	09:32:00	0.000	1,300	1,352	1,572	1,601	1,587
2024/07/09	09:34:00	0.000	1,295	1,351	1,570	1,578	1,574
2024/07/09	09:36:00	0.000	1,295	1,373	1,566	1,579	1,573
2024/07/09	09:38:00	0.000	1,323	1,387	1,564	1,569	1,567
2024/07/09	09:40:00	0.000	1,308	1,380	1,566	1,572	1,569
2024/07/09	09:42:00	0.000	1,283	1,361	1,565	1,576	1,571
2024/07/09	09:44:00	0.000	1,264	1,345	1,559	1,565	1,562
2024/07/09	09:46:00	0.000	1,281	1,346	1,557	1,565	1,561
2024/07/09	09:48:00	0.000	1,274	1,339	1,564	1,605	1,585
2024/07/09	09:50:00	0.000	1,277	1,347	1,605	1,633	1,619
2024/07/09	09:52:00	0.000	1,274	1,332	1,621	1,634	1,628
2024/07/09	09:54:00	0.000	1,279	1,336	1,605	1,621	1,613
2024/07/09	09:56:00	0.000	1,283	1,342	1,589	1,606	1,598
2024/07/09	09:58:00	0.000	1,271	1,328	1,572	1,589	1,581
2024/07/09	10:00:00	0.000	1,278	1,341	1,572	1,576	1,574
2024/07/09	10:02:00	0.000	1,283	1,340	1,562	1,574	1,568
2024/07/09	10:04:00	0.000	1,280	1,338	1,562	1,569	1,566
<b>Average</b>		<b>0.000</b>	<b>1,318</b>		<b>1,586</b>		<b>1,586</b>
<b>Run #2</b>							
2024/07/09	10:34:00	0.000	1,274	1,345	1,585	1,597	1,591
2024/07/09	10:36:00	0.000	1,269	1,345	1,575	1,585	1,580
2024/07/09	10:38:00	0.000	1,279	1,342	1,569	1,577	1,573
2024/07/09	10:40:00	0.000	1,285	1,337	1,567	1,575	1,571
2024/07/09	10:42:00	0.000	1,273	1,345	1,562	1,576	1,569
2024/07/09	10:44:00	0.000	1,273	1,341	1,561	1,567	1,564
2024/07/09	10:46:00	0.000	1,278	1,339	1,561	1,593	1,577
2024/07/09	10:48:00	0.000	1,279	1,335	1,593	1,643	1,618
2024/07/09	10:50:00	0.000	1,272	1,339	1,628	1,645	1,637
2024/07/09	10:52:00	0.000	1,273	1,337	1,595	1,628	1,612
2024/07/09	10:54:00	0.000	1,283	1,344	1,587	1,595	1,591
2024/07/09	10:56:00	0.000	1,290	1,341	1,584	1,589	1,587
2024/07/09	10:58:00	0.000	1,278	1,349	1,579	1,590	1,585
2024/07/09	11:00:00	0.000	1,277	1,353	1,578	1,649	1,614
2024/07/09	11:02:00	0.000	1,289	1,350	1,649	1,664	1,657
2024/07/09	11:04:00	0.000	1,293	1,350	1,620	1,657	1,639
2024/07/09	11:06:00	0.000	1,291	1,357	1,606	1,620	1,613
2024/07/09	11:08:00	0.000	1,291	1,349	1,605	1,612	1,609
2024/07/09	11:10:00	0.000	1,276	1,345	1,594	1,605	1,600
2024/07/09	11:12:00	0.000	1,288	1,344	1,584	1,594	1,589
<b>Average</b>		<b>0.000</b>	<b>1,312</b>		<b>1,599</b>		<b>1,599</b>

Run #3							
2024/07/09	11:34:00	0.000	1,281	1,351	1,597	1,603	1,600
2024/07/09	11:36:00	0.000	1,289	1,347	1,585	1,597	1,591
2024/07/09	11:38:00	0.000	1,285	1,353	1,578	1,585	1,582
2024/07/09	11:40:00	0.000	1,262	1,337	1,561	1,578	1,570
2024/07/09	11:42:00	0.000	1,282	1,338	1,554	1,666	1,610
2024/07/09	11:44:00	0.000	1,277	1,356	1,666	1,694	1,680
2024/07/09	11:46:00	0.000	1,283	1,347	1,640	1,685	1,663
2024/07/09	11:48:00	0.000	1,281	1,334	1,616	1,640	1,628
2024/07/09	11:50:00	0.000	1,285	1,335	1,605	1,616	1,611
2024/07/09	11:52:00	0.000	1,254	1,335	1,596	1,605	1,601
2024/07/09	11:54:00	0.000	1,253	1,316	1,582	1,596	1,589
2024/07/09	11:56:00	0.000	1,251	1,325	1,588	1,666	1,627
2024/07/09	11:58:00	0.000	1,267	1,335	1,651	1,675	1,663
2024/07/09	12:00:00	0.000	1,265	1,338	1,627	1,651	1,639
2024/07/09	12:02:00	0.000	1,288	1,354	1,612	1,627	1,620
2024/07/09	12:04:00	0.000	1,301	1,359	347	1,836	1,092
2024/07/09	12:06:00	0.000	1,285	1,368	113	1,958	1,036
2024/07/09	12:08:00	0.000	1,294	1,364	96	1,936	1,016
2024/07/09	12:10:00	0.000	1,291	1,355	1,620	1,629	1,625
2024/07/09	12:12:00	0.000	1,292	1,354	1,607	1,621	1,614
<b>Average</b>		<b>0.000</b>	<b>1,312</b>		<b>1,533</b>		<b>1,533</b>

## **Gas Certificates**



WestAir Gases & Equipment, Inc.  
 3001 E. Miraloma Avenue  
 Anaheim, CA 92806  
 Telephone: (714) 860-4830  
 ISO 17025:2017 Accredited Company  
 EPA PGVP ID# W12023

# EPA PROTOCOL

## CERTIFICATE OF ANALYSIS

**CUSTOMER NAME:** Blue Sky Environmental  
**ADDRESS:** 2312 American Ave  
 Hayward, CA 95219  
**PURCHASE ORDER #:**  
**CERTIFIED DATE:** 7/19/2023  
**EXPIRATION DATE:** 7/20/2031  
**SHELF LIFE (YEARS):** 8

**DATE ISSUED:** 7/25/2023  
**ORDER NUMBER:** 2254201  
**CYLINDER SIZE:** DA  
**VALVE CONNECTION:** CGA 590  
**VOLUME:** 140 scf  
**LOT NUMBER:** 00071323B50  
**FILL PRESSURE:** 2000 psig at 70° F.  
**PART NUMBER:** NI 15E11-DA  
**BARCODE:** WGE000176857

ANALYSIS RESULTS					
ANALYZED CYLINDER SERIAL NUMBER	COMPONENT	REQUESTED CONCENTRATION	CERTIFIED CONCENTRATION	EXPANDED UNCERTAINTY	ASSAY DATES
EB0166857	Carbon Dioxide	9.5 %	9.48 %	±0.06 % Abs.	07/19/2023
	Oxygen	10.5 %	10.55 %	±0.05 % Abs.	07/19/2023
	Nitrogen	BALANCE	BALANCE	—	—

**Method:** This standard was analyzed according to EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards, EPA 600/R-12/531, May 2012, Procedure G1.

**DO NOT USE THIS STANDARD WHEN CYLINDER PRESSURE IS BELOW 100 PSIG.**

**REFERENCE STANDARDS**

TYPE / SRM, GMIS, PRM	STANDARD	SERIAL NO.	CONCENTRATION	LOT NO.	EXPIRATION
GMIS	Carbon Dioxide	CC720807	18.08 % ±0.08 % Abs.	00050319C50	12/2/2030
GMIS	Oxygen	CC720741	20.99 % ±0.05 % Abs.	00050719C50	11/20/2030

**GMIS TRACEABLE TO:**

PRM	Carbon Dioxide	D791384	18.023 % ±0.018 % Abs.	C1688310.04	5/29/2024
SRM 2659a	Oxygen	FF60997	20.753 % ±0.021 % Abs.	71-F-38	2/27/2026

**INSTRUMENTATION INFORMATION**

INSTRUMENT / MODEL	SERIAL NUMBER	CALIBRATION DATE	ANALYTICAL PRINCIPLE
Horiba VA-5001	ECLG4BAU	7/19/2023	NDIR
Horiba VA-5006	NU3PVL2	7/10/2023	Paramagnetic

**PRINCIPAL ANALYST:** Miguel Calvillo

  
 \_\_\_\_\_  
**SIGNATURE** **DATE** 7/25/2023

*The product furnished under the stated reference lot number has been tested and found to contain the component concentrations listed above. All values are reported in mol/mol basis gas phase. WestAir Gases & Equipment, Inc. warrants that the above product conforms, at the time of shipment, to the above description. WestAir Gases & Equipment, Inc. liability does not exceed the value of the product purchased. Specifications are reviewed annually and are subject to change without notice.*

*This certificate of analysis applies only to the item described and shall not be reproduced, other than in full, without written approval from WestAir Gases & Equipment, Inc. Please do not use cylinder below 100 psig. Note: ppm = µmol/mol*



WestAir Gases & Equipment, Inc.  
 3001 E. Miraloma Avenue  
 Anaheim, CA 92806  
 Telephone: (714) 860-4830  
 ISO 17025:2017 Accredited Company  
 EPA PGVP ID# W12023

# EPA PROTOCOL

## CERTIFICATE OF ANALYSIS

**CUSTOMER NAME:** Blue Sky  
**ADDRESS:** 2312 American Ave  
 Hayward, CA 94545

**DATE ISSUED:** 12/23/2023  
**ORDER NUMBER:**  
**CYLINDER SIZE:** DA  
**VALVE CONNECTION:** CGA 590  
**VOLUME:** 140 scf  
**LOT NUMBER:** 00121423A50  
**FILL PRESSURE :** 2000 psig at 70° F.  
**PART NUMBER:** NI 15E10-DA  
**BARCODE:** WGE000201371

**PURCHASE ORDER #:**  
**CERTIFIED DATE:** 12/21/2023  
**EXPIRATION DATE:** 12/22/2031  
**SHELF LIFE (YEARS):** 8

ANALYSIS RESULTS					
ANALYZED CYLINDER SERIAL NUMBER	COMPONENT	REQUESTED CONCENTRATION	CERTIFIED CONCENTRATION	EXPANDED UNCERTAINTY	ASSAY DATES
CC462055	Carbon Dioxide	18.5 %	18.49 %	±0.20 % Abs.	12/21/2023
	Oxygen	20.5 %	20.43 %	±0.03 % Abs.	12/21/2023
	Nitrogen	BALANCE	BALANCE	—	—

**Method:**

This standard was analyzed according to EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards, EPA 600/R-12/531, May 2012, Procedure G1.

**DO NOT USE THIS STANDARD WHEN CYLINDER PRESSURE IS BELOW 100 PSIG.**

**REFERENCE STANDARDS**

TYPE / SRM, GMIS, PRM	STANDARD	SERIAL NO.	CONCENTRATION	LOT NO.	EXPIRATION
GMIS	Carbon Dioxide	CC720807	18.08 % ±0.08 % Abs.	00050319C50	12/2/2030
GMIS	Oxygen	CC762950	25.12 % ±0.03 % Abs.	00092523A50	12/16/2031
<b>GMIS TRACEABLE TO:</b>					
PRM	Carbon Dioxide	D791384	18.023 % ±0.018 % Abs.	C1688310.04	5/29/2024
PRM C2287501	Oxygen	D044065	25.057 % ±0.025 % Abs.	C2287501	10/20/2027

**INSTRUMENTATION INFORMATION**

INSTRUMENT / MODEL	SERIAL NUMBER	CALIBRATION DATE	ANALYTICAL PRINCIPLE
Horiba VA-5001	ECLG4BAU	12/21/2023	NDIR
Horiba VA-5006	NU3PUVL2	12/15/2023	Paramagnetic

**PRINCIPAL ANALYST:**

Miguel Calvillo



**SIGNATURE**

**DATE**

The product furnished under the stated reference lot number has been tested and found to contain the component concentrations listed above. All values are reported in mol/mol basis gas phase. WestAir Gases & Equipment, Inc. warrants that the above product conforms, at the time of shipment, to the above description. WestAir Gases & Equipment, Inc. liability does not exceed the value of the product purchased. Specifications are reviewed annually and are subject to change without notice. This certificate of analysis applies only to the item described and shall not be reproduced, other than in full, without written approval from WestAir Gases & Equipment, Inc. Please do not use cylinder below 100 psig. Note: ppm = µmol/mol.

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI99E15AC356	Reference Number: 153-402750885-1
Cylinder Number: EB0155049	Cylinder Volume: 144.0 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72023	Valve Outlet: 660
Gas Code: CO,NO,NOX,BALN	Certification Date: May 31, 2023

**Expiration Date: May 31, 2026**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	22.50 PPM	23.07 PPM	G1	+/- 1.2% NIST Traceable	05/23/2023, 05/31/2023
CARBON MONOXIDE	22.50 PPM	22.41 PPM	G1	+/- 0.6% NIST Traceable	05/23/2023
NITRIC OXIDE	22.50 PPM	22.90 PPM	G1	+/- 1.1% NIST Traceable	05/23/2023, 05/31/2023
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	20060920	CC714889	26.54 PPM CARBON MONOXIDE/NITROGEN	0.4%	Jun 28, 2027
NTRM	190605	19060528	495.2 PPM SULFUR DIOXIDE/NITROGEN	0.5%	Aug 02, 2025
NTRM	12010507	KAL004854	20.00 PPM NITRIC OXIDE/NITROGEN	1.1%	Feb 13, 2024
NTRM	12010507	KAL004854-NOX	20.00 PPM NOx/NITROGEN	1.1%	Feb 13, 2024

The SRM, NTRM, PRM, or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Thermo 48i-TLE 1163640031 CO	CO NDIR (Mason)	Apr 26, 2023
Thermo 42i-LS 1123749327 NO	Chemiluminescence (Mason)	May 03, 2023
Thermo 42i-LS 1123749327 NOx	Chemiluminescence (Mason)	May 03, 2023

Triad Data Available Upon Request



\_\_\_\_\_  
Signature on file  
Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI99E15A0259	Reference Number:	153-402686860-1
Cylinder Number:	EB0048303	Cylinder Volume:	144.3 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72023	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	Mar 21, 2023

**Expiration Date: Mar 21, 2026**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	45.00 PPM	45.07 PPM	G1	+/- 1.4% NIST Traceable	03/14/2023, 03/21/2023
CARBON MONOXIDE	45.00 PPM	45.25 PPM	G1	+/- 0.8% NIST Traceable	03/14/2023
NITRIC OXIDE	45.00 PPM	45.05 PPM	G1	+/- 1.4% NIST Traceable	03/14/2023, 03/21/2023
NITROGEN	Balance				

### CALIBRATION STANDARDS

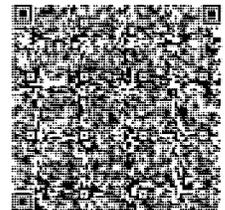
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12011221	KAL004127	49.24 PPM CARBON MONOXIDE/NITROGEN	0.6%	Aug 31, 2024
PRM	12409	D913660	15.01 PPM NITROGEN DIOXIDE/AIR	1.5%	Feb 17, 2023
NTRM	21060713	CC708049	48.41 PPM NITRIC OXIDE/NITROGEN	1.2%	Sep 24, 2025
GMIS	1534012021103	ND73012	4.956 PPM NITROGEN DIOXIDE/NITROGEN	1.6%	Jun 15, 2025

The SRM, NTRM, PRM, or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet iS50 AUP2110269 CO LCO	FTIR	Feb 15, 2023
Nicolet iS50 AUP2110269 NO LNO	FTIR	Feb 23, 2023
Nicolet iS50 AUP2110269 NO2 impurity	FTIR NO2 impurity	Mar 09, 2023

Triad Data Available Upon Request



Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number: E03NI99E15A0457	Reference Number: 153-401259910-1
Cylinder Number: EB0067534	Cylinder Volume: 144.3 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72018	Valve Outlet: 660
Gas Code: CO,NO,NOX,BALN	Certification Date: Aug 06, 2018

**Expiration Date: Aug 06, 2026**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a volume/volume basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS					
Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	85.00 PPM	84.45 PPM	G1	+/- 1.4% NIST Traceable	07/30/2018, 08/06/2018
CARBON MONOXIDE	85.00 PPM	85.44 PPM	G1	+/- 0.9% NIST Traceable	07/30/2018
NITRIC OXIDE	85.00 PPM	84.41 PPM	G1	+/- 1.4% NIST Traceable	07/30/2018, 08/06/2018
NITROGEN	Balance			-	

CALIBRATION STANDARDS					
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	09010221	KAL004821	98.48 PPM CARBON MONOXIDE/NITROGEN	0.5%	Jan 14, 2019
PRM	12376	D562879	10.01 PPM NITROGEN DIOXIDE/NITROGEN	2.0%	Aug 17, 2018
NTRM	13010413	KAL004013	97.6 PPM NITRIC OXIDE/NITROGEN	0.8%	May 09, 2019
GMIS	7301017103	CC506597	4.451 PPM NITROGEN DIOXIDE/NITROGEN	2.0%	Dec 18, 2020

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

ANALYTICAL EQUIPMENT		
Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801550 CO MCO	FTIR	Jul 12, 2018
Nicolet 6700 AHR0801550 NO MNO	FTIR	Jul 25, 2018
Nicolet 6700 AHR0801550 NO2 impurity	FTIR NO2 impurity	Jul 26, 2018

Triad Data Available Upon Request



\_\_\_\_\_  
Signature on file  
Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03NI99E15A0362	Reference Number: 153-401964461-1
Cylinder Number: CC284700	Cylinder Volume: 144.4 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72020	Valve Outlet: 660
Gas Code: CO,NO,NOX,BALN	Certification Date: Nov 30, 2020

**Expiration Date: Nov 30, 2028**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	125.0 PPM	126.1 PPM	G1	+/- 0.9% NIST Traceable	11/23/2020, 11/30/2020
CARBON MONOXIDE	125.0 PPM	125.4 PPM	G1	+/- 0.7% NIST Traceable	11/23/2020
NITRIC OXIDE	125.0 PPM	125.8 PPM	G1	+/- 0.9% NIST Traceable	11/23/2020, 11/30/2020
NITROGEN	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	09010219	KAL004817	98.48 PPM CARBON MONOXIDE/NITROGEN	0.5%	Oct 16, 2024
PRM	12386	D685025	9.91 PPM NITROGEN DIOXIDE/AIR	2.0%	Feb 20, 2020
NTRM	13010403	KAL003411	97.6 PPM NITRIC OXIDE/NITROGEN	0.8%	Jul 23, 2025
GMIS	401203436105	CC513880	4.732 PPM NITROGEN DIOXIDE/NITROGEN	2.1%	May 02, 2022

The SRM, NTRM, PRM, or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801550 CO LCO	FTIR	Nov 06, 2020
Nicolet 6700 AHR0801550 NO LNO	FTIR	Nov 04, 2020
Nicolet 6700 AHR0801550 NO2 impurity	FTIR NO2 impurity	Nov 04, 2020

Triad Data Available Upon Request



\_\_\_\_\_  
Signature on file  
Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number: E03AI99E15A0080	Reference Number: 153-402016119-1
Cylinder Number: CC734840	Cylinder Volume: 146.2 CF
Laboratory: 124 - Tooele (SAP) - UT	Cylinder Pressure: 2015 PSIG
PGVP Number: B72021	Valve Outlet: 590
Gas Code: CH4,PPN,BALA	Certification Date: Feb 02, 2021

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	5.000 PPM	5.101 PPM	G1	+/- 1.4% NIST Traceable	02/02/2021
METHANE	150.0 PPM	150.7 PPM	G1	+/- 0.7% NIST Traceable	02/01/2021
AIR	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	17060910	ND61548	9.800 PPM PROPANE/AIR	0.5%	Jul 24, 2023
NTRM	16060812	CC471305	98.84 PPM METHANE/AIR	0.6%	Mar 28, 2022

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AMP0900119 CH4 M1CH4	FTIR	Jan 21, 2021
MKS FTIR C3H8 018143349	FTIR	Jan 21, 2021

Triad Data Available Upon Request



Signature on file

Approved for Release

## CERTIFICATE OF ANALYSIS

### Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03AI99E15A0081	Reference Number:	153-402691796-1
Cylinder Number:	CC217257	Cylinder Volume:	146.0 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72023	Valve Outlet:	590
Gas Code:	CH4,PPN,BALA	Certification Date:	Mar 21, 2023

**Expiration Date: Mar 21, 2031**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS					
Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	8,500 PPM	8,245 PPM	G1	+/- 1.4% NIST Traceable	03/21/2023
METHANE	250.0 PPM	248.0 PPM	G1	+/- 1.4% NIST Traceable	03/21/2023
AIR	Balance				

CALIBRATION STANDARDS					
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	17060917	ND61581	9,800 PPM PROPANE/AIR	0.5%	Jul 24, 2023
NTRM	08011609	K020818	496.5 PPM METHANE/NITROGEN	0.6%	Aug 08, 2024

ANALYTICAL EQUIPMENT		
Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet iS50 AUP2110269 CH4 M1CH4	FTIR	Mar 07, 2023
MKS FTIR C3H8 018143349	FTIR	Mar 01, 2023

Triad Data Available Upon Request



*[Signature]*  
Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03AI99E15A0082	Reference Number:	153-403004001-1
Cylinder Number:	CC245200	Cylinder Volume:	146.0 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72024	Valve Outlet:	590
Gas Code:	CH4,PPN,BALA	Certification Date:	Apr 02, 2024

**Expiration Date: Apr 02, 2032**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted. The results relate only to the items tested. The report shall not be reproduced except in full without approval of the laboratory. Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

### ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	15.00 PPM	14.76 PPM	G1	+/- 1.4% NIST Traceable	04/02/2024
METHANE	450.0 PPM	449.6 PPM	G1	+/- 0.7% NIST Traceable	04/01/2024
AIR	Balance				

### CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	17060918	ND61583	9.800 PPM PROPANE/AIR	0.5%	Mar 07, 2029
NTRM	16060404	CC471136	500.5 PPM METHANE/AIR	0.6%	Dec 03, 2027

### ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet iS50 AUP2110269 CH4 M1CH4	FTIR	Mar 12, 2024
MKS FTIR C3H8 018143349	FTIR	Mar 20, 2024

Triad Data Available Upon Request



Signature on file

Approved for Release

# CERTIFICATE OF ANALYSIS

## Grade of Product: EPA Protocol

Part Number: E03NI99E15W0021	Reference Number: 54-401874351-1
Cylinder Number: CC513361	Cylinder Volume: 144.4 CF
Laboratory: 124 - Chicago (SAP) - IL	Cylinder Pressure: 2015 PSIG
PGVP Number: B12020	Valve Outlet: 660
Gas Code: NO2,O2,BALN	Certification Date: Aug 19, 2020

**Expiration Date: Aug 19, 2023**

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS					
Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NITROGEN DIOXIDE	12.00 PPM	12.59 PPM	G1	+/- 2.1% NIST Traceable	08/03/2020, 08/19/2020
NITROGEN	Balance			-	

CALIBRATION STANDARDS					
Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
GMIS	7042010104	CC500333	15 PPM NITROGEN DIOXIDE/NITROGEN	+/- 2.1%	Jul 03, 2022
PRM	12386	D685025	9.91 PPM NITROGEN DIOXIDE/AIR	+/- 2.0%	Feb 20, 2020

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

ANALYTICAL EQUIPMENT		
Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
MKS FTIR NO2 017707558	FTIR	Aug 14, 2020

Triad Data Available Upon Request



\_\_\_\_\_  
Signature on file  
Approved for Release

## **Equipment Calibrations**

## METHOD 5 DRY GAS METER CALIBRATION USING CRITICAL ORIFICES

- 1) Select three critical orifices to calibrate the dry gas meter which bracket the expected operating range.
- 2) Record barometric pressure before and after calibration procedure.
- 3) Run at tested vacuum (from Orifice Calibration Report), for a period of time necessary to achieve a minimum total volume of 5 cubic feet.
- 4) Record readings in outlined boxes below, other columns are automatically calculated.

DATE: 1/10/24		METER SERIAL #: 234702		BAROMETRIC PRESSURE (in Hg):		INITIAL: 30.29	FINAL: 30.13	AVG (P <sub>bar</sub> ): 30.21	IF Y VARIATION EXCEEDS 2.00%, ORIFICE SHOULD BE RECALIBRATED ↓							
TIME: 12:30		CRITICAL ORIFICE SET SERIAL #: 1380S		PERSONNEL: ZS												
METER PART #: XCM-12																
ORIFICE #	RUN #	K' FACTOR (AVG)	TESTED VACUUM (in Hg)	DGM READINGS (FT <sup>3</sup> )			TEMPERATURES °F			ELAPSED TIME (MIN) θ	DGM ΔH (in H <sub>2</sub> O)	(1) V <sub>m</sub> (STD)	(2) V <sub>cr</sub> (STD)	(3) Y	Y VARIATION (%)	ΔH <sub>@</sub>
				INITIAL	FINAL	NET (V <sub>m</sub> )	AMBIENT	DGM INLET INITIAL FINAL	DGM AVG							
16	1	0.4258	24	280.955	286.569	5.614	54	48	48	48.0	10.00	0.97	5.9067	5.6755	0.9609	1.7822
	2	0.4258	24	286.569	292.172	5.603	54	48	48	48.0	10.00	0.97	5.8952	5.6755	0.9627	1.7822
	3	0.4258	24	292.172	297.782	5.610	54	48	48	48.0	10.00	0.97	5.9025	5.6755	0.9615	1.7822
												AVG =	0.9617	0.36		
22	1	0.5856	21	297.782	303.949	6.167	54	48	48	48.0	8.00	1.80	6.5016	6.2444	0.9604	1.7520
	2	0.5856	21	303.949	310.118	6.169	54	48	48	48.0	8.00	1.80	6.5038	6.2444	0.9601	1.7520
	3	0.5856	21	310.118	316.395	6.277	54	48	48	48.0	8.00	1.80	6.6176	6.2444	0.9436	1.7520
												AVG =	0.9547	-0.37		
25	1	0.6767	20	316.395	322.569	6.174	54	48	49	48.5	7.00	2.40	6.5121	6.3139	0.9696	1.7502
	2	0.6767	20	322.569	328.849	6.280	56	49	50	49.5	7.00	2.40	6.6109	6.3016	0.9532	1.7536
	3	0.6767	20	328.849	335.142	6.293	56	50	50	50.0	7.00	2.40	6.6181	6.3016	0.9522	1.7519
												AVG =	0.9583	0.01		

**USING THE CRITICAL ORIFICES AS CALIBRATION STANDARDS:**

The following equations are used to calculate the standard volumes of air passed through the DGM, V<sub>m</sub> (std), and the critical orifice, V<sub>cr</sub> (std), and the DGM calibration factor, Y. These equations are automatically calculated in the spreadsheet above.

<b>AVERAGE DRY GAS METER CALIBRATION FACTOR, Y =</b>	<b>0.9583</b>	
<b>PREVIOUS AVERAGE DRY GAS METER CALIBRATION FACTOR, Y =</b>	<b>0.9710</b>	<b>1.33</b>
<b>AVERAGE ΔH<sub>@</sub> =</b>	<b>1.7620</b>	<b>PASS</b>

(1)  $V_{m(std)} = K_1 * V_m * \frac{P_{bar} + (\Delta H / 13.6)}{T_m}$  = Net volume of gas sample passed through DGM, corrected to standard conditions  
 K<sub>1</sub> = 17.64 °R/in. Hg (English), 0.3858 °K/mm Hg (Metric)  
 T<sub>m</sub> = Absolute DGM avg. temperature (°R - English, °K - Metric)

(2)  $V_{cr(std)} = K * \frac{P_{bar} * \Theta}{\sqrt{T_{amb}}}$  = Volume of gas sample passed through the critical orifice, corrected to standard conditions  
 T<sub>amb</sub> = Absolute ambient temperature (°R - English, °K - Metric)  
 K = Average K' factor from Critical Orifice Calibration

(3)  $Y = \frac{V_{cr(std)}}{V_{m(std)}}$  = DGM calibration factor

$$\Delta H_{@} = \left( \frac{0.75 \theta}{V_{cr(std)}} \right)^2 \Delta H \left( \frac{V_{m(std)}}{V_m} \right)$$

**BLUE SKY ENVIRONMENTAL, INC**

**Thermometer/Thermocouple Calibration**

Item **XCM-12 DGM TC & Digital Thermocouple Display**  
 Units **°F**  
 Reference Devices **NIST Standards: Mercury -30 - 120 °F 304937**  
                                   **Mercury 0 - 230 °F T2022-1**  
                                   **Mercury 14 - 590 °F T315C**  
 TC Simulator: **FLUKE 724 TEMPERATURE CALIBRATOR**  
 Pyrometer: **FLUKE 724 TEMPERATURE CALIBRATOR**  
 Reference Values Ice Water 32 Ambient 52  
                           Boiling Water 212

CALIBRATION DATE	T/C IDENTIFICATION	REFERENCE READING	DEVICE READING	°F DIFFERENCE <400°F	% DIFFERENCE >400°F	CALIBRATED BY
1/10/2024	AUX	32	30	2		ZS
		212	212	0		
		932	932	0	0.00	
		1832	1832	0	0.00	
1/10/2024	STACK	32	32	0		ZS
		212	213	-1		
		932	934	-2	-0.21	
		1832	1833	-1	-0.05	
1/10/2024	PROBE	32	33	-1		ZS
		212	214	-2		
		932	935	-3	-0.32	
		1832	1834	-2	-0.11	
1/10/2024	OVEN	32	33	-1		ZS
		212	214	-2		
		932	934	-2	-0.21	
		1832	1835	-3	-0.16	
1/10/2024	FILTER	32	33	-1		ZS
		212	214	-2		
		932	934	-2	-0.21	
		1832	1833	-1	-0.05	
1/10/2024	EXIT	32	34	-2		ZS
		212	215	-3		
		932	935	-3	-0.32	
		1832	1833	-1	-0.05	
1/10/2024	TC OUT	Ice Water 32	33	-1		ZS
		Ambient 52	51	1		
		Boiling Water 212	212	0		

40CFR60, Appendix, Method 2  
 Tolerance Limits: +/- 4 °F for <400°F  
 Tolerance Limits: +/- 1.5% for >400°F  
 Calibration Frequency: 6 mo.

## Stack Diagram

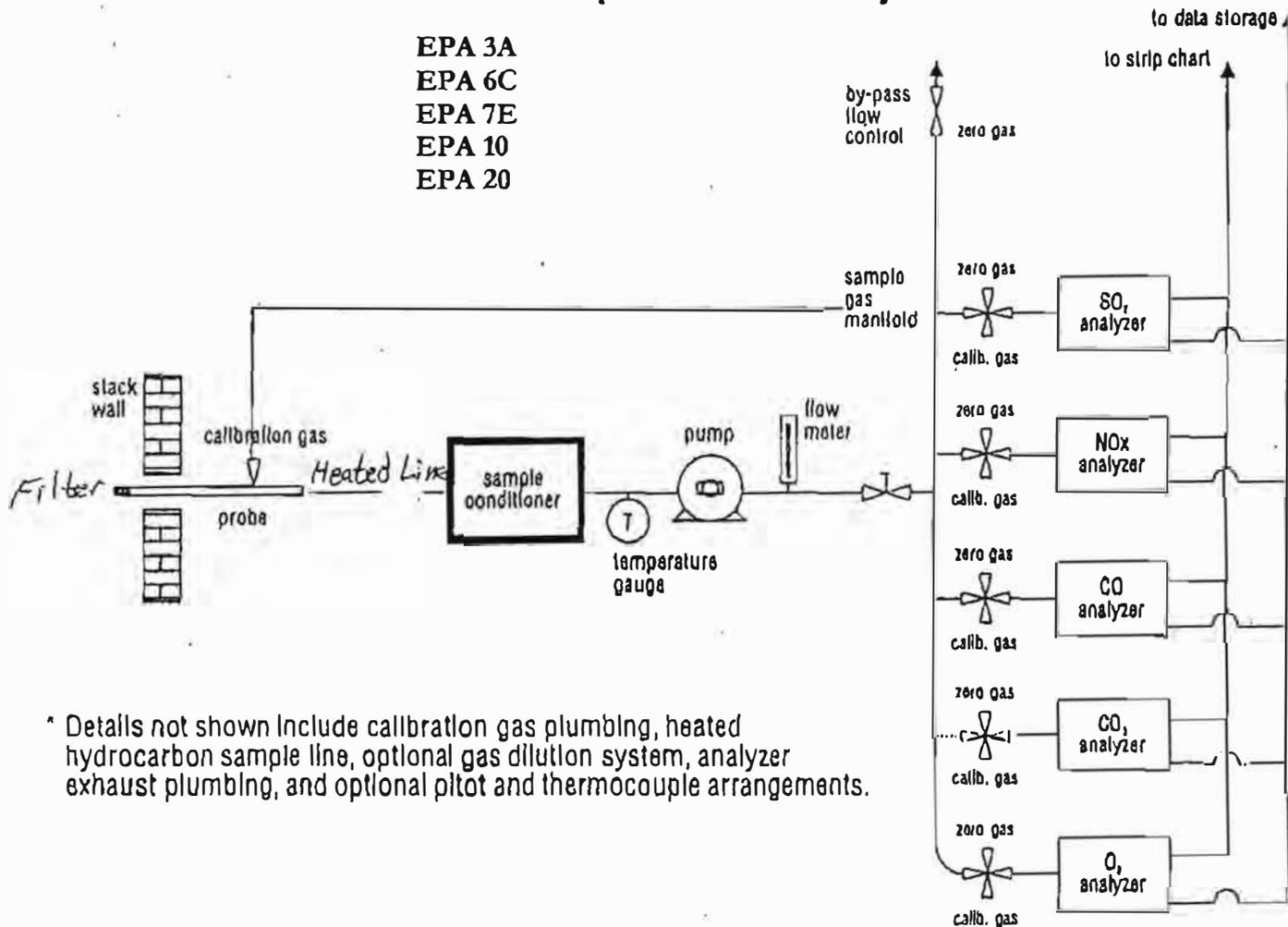


Ox Mtn Flare A-9

## Sample System Diagram

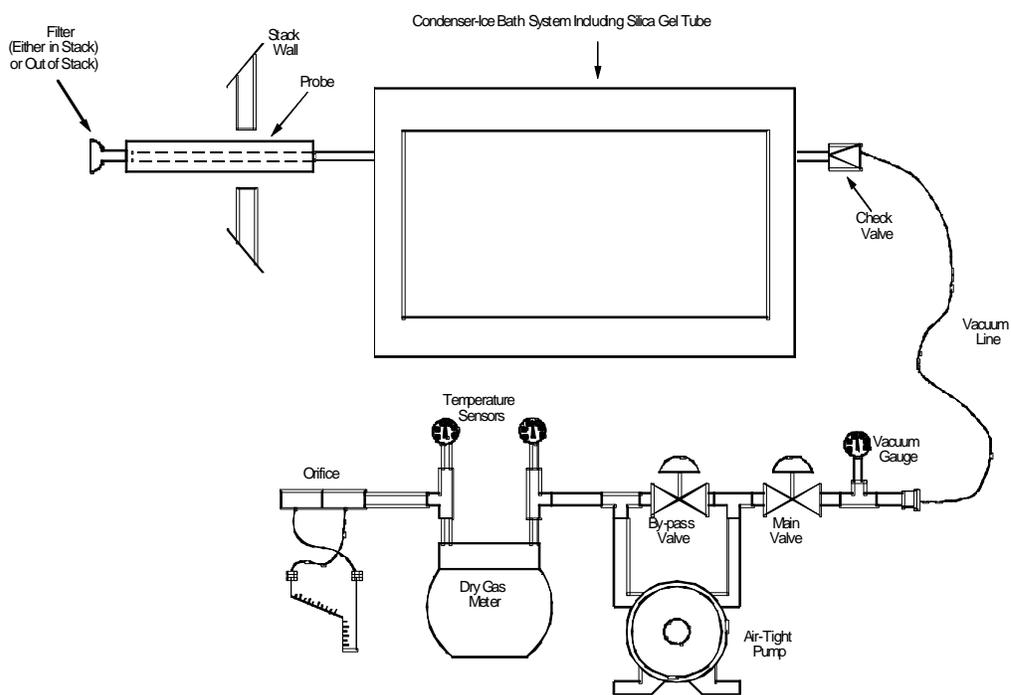
## Method 100 Sample Train Assembly

EPA 3A  
EPA 6C  
EPA 7E  
EPA 10  
EPA 20



\* Details not shown Include calibration gas plumbing, heated hydrocarbon sample line, optional gas dilution system, analyzer exhaust plumbing, and optional pitot and thermocouple arrangements.

**Figure 4-1 Moisture Sampling Train (Reference Method)**



## **Source Test Plan**



**Blue Sky Environmental, Inc**

**2273 Lobert Street**

**Castro Valley, California 94546**

Office (510) 525-1261

Mobile (810) 923-3181

bluesky@blueskyenvironmental.com

June 21, 2024 (Revised July 8, 2024)

Attn.: Gloria Espena/Marco Hernandez  
 Bay Area Air Quality Management District  
 Technical Services Division, Source Test Section  
 375 Beale St #600  
 San Francisco, CA 94105

Source Test Plan  
 Plant # 2266 Condition 10164  
 Source A-9  
 Test Dates: July 9, 2024

Re: Source Test Plan (STP) for compliance emissions testing of the gas flare (A-9) at Ox Mountain (Los Trancos Canyon Landfill), located at 12310 San Mateo Drive, Half-Moon Bay, CA.

BAAQMD Source	Test Parameters/Limits
Flare (A-9) Compliance Test	Exhaust, THC, CH <sub>4</sub> , NMOC, NO <sub>x</sub> , CO, CO <sub>2</sub> , O <sub>2</sub> ≤39 ppmvd NO <sub>x</sub> @ 3% O <sub>2</sub> or <0.052 lb/MMBtu NO <sub>x</sub> (Part 29)
Condition 10164 & Reg 8 Rule 34	≤184 ppm CO @ 3% O <sub>2</sub> and <0.15 lb/MMBtu CO (Part 30) ≤30 ppmvd NMOC as Methane @ 3% O <sub>2</sub> (Reg. 8 Rule 34) >98 % NMOC Destruction (Reg. 8 Rule 34) >99% CH <sub>4</sub> Destruction (Reg. 8 Rule 34) LFG- NMOC, CH <sub>4</sub> , Fixed Gases, VOC species & TRS as H <sub>2</sub> S

Blue Sky Environmental is pleased to present this Source Test Plan for the above referenced sampling project. Testing will include the following:

1. At the flare exhaust, triplicate 30+-minute tests will be performed to determine compliance with the BAAQMD Permit and Reg 8 Rule 34 conditions listed in the Table above, and according to 40 CFR 60.8 and 60.752(b)(2)(iii)(B) using methods identified in 40 CFR 60.754(d).
2. Testing will use EPA methods to measure NO<sub>x</sub> (EPA 7E), CO (EPA 10), TSP (EPA 5/202), TNMHC (NMOC, POC) by (ALT 097 with at least 30 readings per test) or (EPA 25A, with or without M18 for Methane & Ethane), CO<sub>2</sub> (EPA 3A) and O<sub>2</sub> (EPA 3A). Tests will be 30+ minutes in duration. If the THC reading is above the detection limit (~2% of scale, or above 20% of the NMOC Permit Limit adjusted to 3% O<sub>2</sub>) Methane may be determined by EPA Method 18 analysis from integrated Tedlar bag samples collected from the THC analyzer bypass.
3. Moisture will be determined by EPA Method 4. These will used to correct wet THC to dry THC.

4. Integrated samples of the Landfill Gas (LFG) will be collected during each test run, and will be analyzed for %CH<sub>4</sub>, %CO<sub>2</sub>, %N<sub>2</sub>, %O<sub>2</sub>, BTU and F-factor by ASTM D-1945 and D-3588, and by ASTM-D5504 or Modified EPA 15 for Sulfur Species. Samples collected in Tedlar bags will be analyzed within 24 hours. Samples collected in SILCO SUMMA canisters will be analyzed within 7 days.
5. The landfill gas analysis will be used to determine CH<sub>4</sub>, THC and NMOC Destruction/Removal Efficiency (DRE)
6. During each run an integrated SILCO SUMMA sample of the LFG will be collected and analyzed by EPA 25C for non-methane hydrocarbons and for Organics (Toxic Air Contaminants) by TO-15 as listed in the Permit.
7. Emission Flowrates will be determined by EPA Method 19 calculation and measurement using the Facility fuel flow data, fuel analysis and exhaust oxygen content. In order to get an accurate exhaust flow by Method 19 calculations the accuracy of the fuel meter is a requirement. The BAAQMD is requesting current fuel flow meter calibrations to be included in the source test report.
8. Facility Fuel Flow and Flare temperature records will be provided by the facility and documented in the report. Current fuel meter calibration records will be provided by the facility.
9. The status of the flare will be determined on-site and conveyed to TetraTech or Republic personnel engaged in the project the same day.
10. A digital copy (pdf) of the compliance test report will be submitted to the client within four weeks of completion of the test program and due to the BAAQMD within 45 days of test completion. The report will include a test description and tables presenting concentrations (ppm), emission rates (lbs/hr) for all sampling parameters. All supporting documents (e.g., strip charts, process data, field data sheets, calibrations, calculations, etc.) will also be included.

The facility contact is Ben Wade who may be reached at (650) 713-3632. If you have any questions, please contact Anne Richardson at (810) 923-1198, Jessica Morris at (510) 566-3271 or Jeramie Richardson (810) 923-3181.

From: [Gloria Espena](#)  
To: [Lisa Mann](#); [Marco Hernandez](#)  
Cc: [Israel, Nat](#); [Sourcetest](#); [Mcdonnell, Kelly](#); [Kent, Kendra](#); [Blue Sky](#)  
Subject: NST-9467(A7) 9468(A9): STP's for Flares A-7 & A-9 at Ox Mountain  
Date: Wednesday, July 3, 2024 2:07:58 PM  
Attachments: [image001.png](#)  
[TT-B-OX-A7-Flare-2024-stp1.pdf](#)  
[TT-B-OX-A9-Flare-2024-stp1.pdf](#)  
[Contractor ST Supplemental Form.docx](#)

---

**NST-9467(A7) 9468(A9)** has been assigned the pending 7/9-10/24 & 7/16-17/24 work referenced below.

Also, we've introduced a new, supplemental form to be included when reports are submitted. It's just a sheet intended to help us with processing reports and prioritizing report review. The intention of the email is not to request additional testing. Please complete and submit the attached "**Contractor ST Supplemental Form**" with the final test report.

NST number(s) that are assigned for each source test notifications are for inner-office tracking purposes only, not an approval of the test plan. **(For source testing methodologies please review permit conditions, BAAQMD Regulations and CFR, accordingly)**. Future notifications and report submittals should be made to [GEspena@baaqmd.gov](mailto:GEspena@baaqmd.gov) and cc: [MHernandez@baaqmd.gov](mailto:MHernandez@baaqmd.gov), [Sourcetest@baaqmd.gov](mailto:Sourcetest@baaqmd.gov).

If you have other questions, please contact Marco Hernandez at [mhernandez@baaqmd.gov](mailto:mhernandez@baaqmd.gov).

Thank you,

***Gloria M. Espena***

Meteorology & Measurements  
Source Test Section & Performance Evaluation Group  
The Bay Area Air Quality Management District  
375 Beale Street, Ste. 600 | San Francisco, CA 94105  
Ofc (415) 749-4725 | Fax (510) 758-3087  
[gespena@baaqmd.gov](mailto:gespena@baaqmd.gov) | [www.baaqmd.gov](http://www.baaqmd.gov)



---

**From:** Lisa Mann <[lmann@blueskyenvironmental.com](mailto:lmann@blueskyenvironmental.com)>

**Sent:** Friday, June 21, 2024 7:03 PM

**To:** Gloria Espena <[GEspena@baaqmd.gov](mailto:GEspena@baaqmd.gov)>; Marco Hernandez <[MHernandez@baaqmd.gov](mailto:MHernandez@baaqmd.gov)>

**Cc:** Israel, Nat <[Nat.Israel@tetrattech.com](mailto:Nat.Israel@tetrattech.com)>; Mcdonnell, Kelly <[KMcdonnell@republicservices.com](mailto:KMcdonnell@republicservices.com)>;

Kent, Kendra <[Kendra.Kent@tetrattech.com](mailto:Kendra.Kent@tetrattech.com)>; Blue Sky <[bluesky@blueskyenvironmental.com](mailto:bluesky@blueskyenvironmental.com)>

**Subject:** STP's for Flares A-7 & A-9 at Ox Mountain

**CAUTION:** This email originated from outside of the BAAQMD network. Do not click links or open attachments

unless you recognize the sender and know the content is safe.

Good Evening,

Attached please find the Source Test Plans for testing at Ox Mountain (Los Trancos Canyon Landfill), scheduled for July 9-10, 2024 (A-9) and July 16-17, 2024 (A-7), for your review and approval. Should you have any questions or comments, please feel free to contact us.

*Sincerely,*

*Lisa Mann*

*Office Manager*

*We appreciate you choosing Blue Sky Environmental, Inc.*

*BLUE SKY ENVIRONMENTAL, INC*

2273 Lobert St.

Castro Valley, CA 94546

*Direct: (530) 921-1698*

*Office: (510) 525-1261*

*[lman@blueskyenvironmental.com](mailto:lman@blueskyenvironmental.com)*

Visit our website at [www.blueskyenvironmental.com](http://www.blueskyenvironmental.com)



## **APPENDIX O**

### **S-5 NON-RETAIL GASOLINE DISPENSING FACILITY MONTHLY GASOLINE THROUGHPUT**

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

**S-5 Non-Retail Gasoline Dispensing Facility**

<b>Month</b>	<b>Total Gallons</b>	<b>12-Month Consecutive Total (Gallons)</b>
October-23	3,362.20	5,638.8
November-23		
December-23		
January-24		
February-24		
March-24	4,582.50	7,944.7
April-24		
May-24		
June-24		
July-24		
August-24		
September-24		

## APPENDIX P

### MONTHLY TOTAL REDUCED SULFUR (TRS) CONCENTRATIONS

**OX MOUNTAIN LANDFILL**  
**Half Moon Bay, CA**

**Yearly TRS for A-7, A-8, and A-9 Flares**

Month	A-7 Flare Flow Concentration (ppmv)	A-8 Flare Flow Concentration (ppmv)	A-9 Flare Flow Concentration (ppmv)	Consecutive 12-Month Average for A-7 Flare (ppmv)	Consecutive 12-Month Average for A-8 Flare (ppmv)	Consecutive 12-Month Average for A-9 Flare (ppmv)	Combined A-7, A-8 and A-9 Flares 12-Month Average (ppmv) <sup>1</sup>
October-23	126.0	0.0	105.0	114.6	NA	125.1	119.9
November-23	136.5	0.0	126.0	117.3	NA	123.4	120.3
December-23	147.0	0.0	131.3	120.8	NA	122.9	121.8
January-24	147.0	0.0	147.0	122.5	NA	124.7	123.6
February-24	157.5	0.0	157.5	126.9	NA	127.3	127.1
March-24	105.0	0.0	115.5	125.1	NA	125.6	125.3
April-24	147.0	0.0	157.5	130.4	NA	126.4	128.4
May-24	147.0	0.0	136.5	133.9	NA	130.8	132.3
June-24	115.5	0.0	136.5	133.9	NA	132.6	133.2
July-24	110.3	0.0	131.3	132.6	NA	133.0	132.8
August-24	94.5	0.0	105.0	129.9	NA	130.4	130.2
September-24	89.3	0.0	105.0	126.9	NA	129.5	128.2

Notes:

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 22, the TRS concentrations to all Flares (A-7, A-8, and A-9) shall not exceed 265 ppmv during any consecutive 12-month period.

ppmv = parts per million by volume

scfm = standard cubic feet per minute

CH<sub>4</sub> = methane

LFG= landfill gas

%= percent

**April 1, 2024 through September 30, 2024 Monthly Total Reduced Sulfur Compounds to the A-7 Flare  
Ox Mountain Landfill, Half Moon Bay, California**

**A-7 (Flare)**

Month	Hydrogen Sulfide (Draeger) (ppmv)	Carbon Disulfide (ppmv)	Carbonyl Sulfide (ppmv)	Dimethyl Sulfide (ppmv)	Ethyl Mercaptan (ppmv)	Hydrogen Sulfide (ppmv)	Methyl Mercaptan (ppmv)	TRS (Draeger)	TRS (Lab Analysis)
April-24	140	NA	NA	NA	NA	NA	NA	147.0	NA
May-24	140	NA	NA	NA	NA	NA	NA	147.0	NA
June-24	110	NA	NA	NA	NA	NA	NA	115.5	NA
July-24	105	NA	NA	NA	NA	NA	NA	110.3	NA
August-24	90	NA	NA	NA	NA	NA	NA	94.5	NA
September-24	85	NA	NA	NA	NA	NA	NA	89.3	NA

**NOTES:**

- Total Reduced Sulfur (TRS) is determined by monthly analysis of landfill gas at the header of the flare. Analysis for TRS is either by: (1) laboratory methods that analyze for the sulfur compounds: carbon disulfide, carbonyl sulfide, dimethyl sulfide, ethyl mercaptan, hydrogen sulfide, and methyl mercaptan; (2) Draeger tubes that measure for hydrogen sulfide concentration, the value of which is multiplied by 1.05 to calculate TRS concentration.
- TRS analysis was begun in September 2015 per the Draft Permit Conditions for Application 26100.  
ppmv = parts per million by volume  
TRS = total reduced sulfur  
NA = not available

**April 1, 2024 through September 30, 2024 Monthly Total Reduced Sulfur Compounds to the A-8 Flare  
Ox Mountain Landfill, Half Moon Bay, California**

**A-8 (Flare)\***

Month	Hydrogen Sulfide (Draeger) (ppmv)	Carbon Disulfide (ppmv)	Carbonyl Sulfide (ppmv)	Dimethyl Sulfide (ppmv)	Ethyl Mercaptan (ppmv)	Hydrogen Sulfide (ppmv)	Methyl Mercaptan (ppmv)	TRS (Draeger)	TRS (Lab Analysis)
April-24	0.0	NA	NA	NA	NA	NA	NA	0.0	NA
May-24	0.0	NA	NA	NA	NA	NA	NA	0.0	NA
June-24	0.0	NA	NA	NA	NA	NA	NA	0.0	NA
July-24	0.0	NA	NA	NA	NA	NA	NA	0.0	NA
August-24	0.0	NA	NA	NA	NA	NA	NA	0.0	NA
September-24	0.0	NA	NA	NA	NA	NA	NA	0.0	NA

**NOTES:**

\*The A-8 Flare does not operate and is slated for decommissioning. Therefore, no H2S samples are collected, as no landfill gas is diverted to the A-8 Flare.

1. Total Reduced Sulfur (TRS) is determined by monthly analysis of landfill gas at the header of the flare. Analysis for TRS is either by: (1) laboratory methods that analyze for the sulfur compounds: carbon disulfide, carbonyl sulfide, dimethyl sulfide, ethyl mercaptan, hydrogen sulfide, and methyl mercaptan; (2) Draeger tubes that measure for hydrogen sulfide concentration, the value of which is multiplied by 1.05 to calculate TRS concentration.

2. TRS analysis was begun in September 2015 per the Draft Permit Conditions for Application 26100.

ppmv = parts per million by volume

TRS = total reduced sulfur

NA = not available

**April 1, 2024 through September 30, 2024 Monthly Total Reduced Sulfur Compounds to the A-9 Flare  
Ox Mountain Landfill, Half Moon Bay, California**

**A-9 (Flare)**

Month	Hydrogen Sulfide (Draeger) (ppmv)	Carbon Disulfide (ppmv)	Carbonyl Sulfide (ppmv)	Dimethyl Sulfide (ppmv)	Ethyl Mercaptan (ppmv)	Hydrogen Sulfide (ppmv)	Methyl Mercaptan (ppmv)	TRS (Draeger)	TRS (Lab Analysis)
April-24	150	NA	NA	NA	NA	NA	NA	157.5	NA
May-24	130	NA	NA	NA	NA	NA	NA	136.5	NA
June-24	130	NA	NA	NA	NA	NA	NA	136.5	NA
July-24	125	NA	NA	NA	NA	NA	NA	131.3	NA
August-24	100	NA	NA	NA	NA	NA	NA	105.0	NA
September-24	100	NA	NA	NA	NA	NA	NA	105.0	NA

**NOTES:**

1. Total Reduced Sulfur (TRS) is determined by monthly analysis of landfill gas at the header of the flare. Analysis for TRS is either by: (1) laboratory methods that analyze for the sulfur compounds: carbon disulfide, carbonyl sulfide, dimethyl sulfide, ethyl mercaptan, hydrogen sulfide, and methyl mercaptan; (2) Draeger tubes that measure for hydrogen sulfide concentration, the value of which is multiplied by 1.05 to calculate TRS concentration.

2. TRS analysis was begun in September 2015 per the Draft Permit Conditions for Application 26100.

ppmv = parts per million by volume

TRS = total reduced sulfur

NA = not available

## APPENDIX Q

### WASTE-IN-PLACE

**OX MOUNTAIN LANDFILL - HALF MOON BAY, CALIFORNIA**

**Revised Waste Acceptance Records Summary**

Date	Waste Accepted (Tons) <sup>1</sup>	Green Waste Accepted <sup>2</sup>	Fire Waste Accepted	Waste-In-Place (WIP) <sup>3</sup> (Tons)	Waste-In-Place (WIP) <sup>3</sup> (Tons) MINUS FIRE DEBRIS	Comments	Days per Month	Ave. Daily tons (6 days a week)
October-22	36,526.1	0.0	0.0	28,187,401	28,145,952	WIP for Semi-Annual Period of: October 1, 2022 through March 31, 2023.	26.00	1404.85
November-22	37,573.0	0.0	0.0				26.00	1445.12
December-22	36,980.5	0.0	0.0				27.00	1369.65
January-23	43,450.4	0.0	0.0				26.00	1671.17
February-23	34,546.2	0.0	0.0				24.00	1439.43
March-23	43,315.8	0.0	0.0				27.00	1604.29
April-23	39,342.0	0.0	0.0	28,429,565	28,388,116	WIP for Semi-Annual Period of: April 1, 2023 through September 30, 2023.	25.00	1573.68
May-23	39,706.0	0.0	0.0				26.00	1527.15
June-23	41,683.0	0.0	0.0				26.00	1603.19
July-23	38,686.0	0.0	0.0				26.00	1487.92
August-23	43,597.0	0.0	0.0				27.00	1614.70
September-23	39,150.0	0.0	0.0				26.00	1505.77
October-23	52,498.6	0.0	0.0	28,682,453	28,641,004	WIP for Semi-Annual Period of: October 1, 2023 through March 31, 2024.	26.00	2019.18
November-23	43,918.6	0.0	0.0				26.00	1689.18
December-23	42,464.4	0.0	0.0				26.00	1633.25
January-24	42,356.1	0.0	0.0				27.00	1568.74
February-24	39,716.3	0.0	0.0				25.00	1588.65
March-24	31,934.2	0.0	0.0				27.00	1182.75
April-24	42,100.0	0.0	0.0	28,922,082	28,880,633	WIP for Semi-Annual Period of: April 1, 2024 through September 30, 2024.	26.00	1619.23
May-24	42,537.0	0.0	0.0				27.00	1575.44
June-24	37,795.0	0.0	0.0				25.00	1511.80
July-24	40,954.0	0.0	0.0				27.00	1516.81
August-24	39,158.0	0.0	0.0				27.00	1450.30
September-24	37,085.0	0.0	0.0				25.00	1483.40
<b>Total Waste-in-Place April 2024 through September 2024</b>	<b>239,629.0</b>		<b>0.0</b>				Daily Limit: 3,598 tons/day	

Notes:

1 Municipal Solid Waste (MSW) accepted at Ox Mountain, verified using waste acceptance rates from tipping receipts.

2 Green Waste numbers are not captured by CalRecycle and were provided by Ox Mountain personnel based on waste summary reports.

3 WIP is putrescible wastes only.