REPUBLIC SERVICES

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

TV Tracking #: 596

1. ☐ RECEIVED IN ENFORCEMENT: 10/31/2022

October 31, 2022

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

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

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

Dear Sir or Madam:

Browning-Ferris Industries of CA, Inc. Landfill (Ox Mountain Landfill) is pleased to submit the attached Semi-Annual Report (SAR) and Partial 8-34 Annual Report for the period of April 1, 2022 through September 30, 2022 to the Bay Area Air Quality Management District (BAAQMD) and the United States Environmental Protection Agency (USEPA), Region IX. As required by 40 Code of Federal Regulations (CFR) Part 63 Subpart AAAA, the Semi-Annual Startup, Shutdown and Malfunction (SSM) Report is also enclosed. The Combined Title V Semi-Annual and Partial 8-34 Annual Report satisfies the requirements of the Title V Permit listed in Title V Permit Condition Number 10164 Part 33 and Standard Condition I.F.

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

Sincerely,
Browning-Ferris Industries of CA, Inc.

Travis Armstrong
Responsible Official

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

Ox Mountain Landfill

Facility Number A2266

April 1, 2022 through September 30, 2022

OCTOBER 31, 2022

PRESENTED TO

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

SUBMITTED BY

Tetra Tech
7600 Dublin Blvd., Suite 200
Dublin, CA 94568

P +1.877.294.9070
F +1.877.845.1456
tetratech.com

REPORT CERTIFICATION

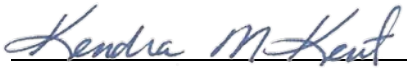
The material and data in this report were prepared under the supervision and direction of the undersigned.



10/31/2022

Nat Israel
Compliance Specialist

Date



10/31/2022

Kendra Kent
Senior Compliance Specialist

Date

TABLE OF CONTENTS

1.0 INTRODUCTION 1-1
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

2.0 COMBINED MONITORING REPORT 2-1
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 2-7
2.15 Title V Permit Condition Number 10164, Part 6 2-7
2.16 Title V Permit Condition Number 10164, Part 7 2-7
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 2-8
2.20 Title V Permit Condition Number 10164, Part 13 2-8
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 2-9

2.25 Title V Permit Condition Number 10164, Part 23 2-9
2.26 Reportable Events During the Reporting Period 2-10

3.0 PERFORMANCE TEST REPORT 3-11
3.1 Flare (A-7, A-8, and A-9) Annual Source Test Results BAAQMD 8-34-501.4) 3-11

4.0 START-UP, SHUTDOWN, MALFUNCTION (SSM) PLAN 4-12
4.1 SSM Log for the GCCS at Ox Mountain 4-12

5.0 LIMITATIONS 5-1

LIST OF TABLES

Table 2-1. Combined Report Requirements. 2-1
Table 2-2. On-Site Vehicle Traffic Volume. 2-8
Table 2-3. Vehicle Traffic. 2-8

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, 2022 through September 30, 2022. 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, 2022 through September 30, 2022. The following table lists the rules and regulations that are required to be included in this Combined Report.

Table 2-1. Combined Report Requirements.

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

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

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

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

2.1.1 Collection System Downtime

Pursuant to BAAQMD 8-34-501.1 and §60.757(f)(4), the GCCS was not shut down for more than five days on any one occasion during the reporting period. There were two instances of a shutdowns greater than one-hour in duration during the reporting period. There were 5.93 hours of GCCS downtime for the reporting period of April 1, 2022 through September 30, 2022. The total downtime for 2022, as of September 30, 2022, is 8.83 hours, out of an allowable 240 hours. Appendix E contains the GCCS Downtime.

Pursuant to §60.38F(h)(4), & 62.16724(h)(4), the GCCS shut down 10 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 27 wellfield SSM events that occurred during the reporting period. A total of four vertical extraction wells were decommissioned and 10 vertical extraction wells were started up pursuant to BAAQMD Regulation 8-34-117. Well Startup and Decommissioning Notification Letters were submitted on behalf of BFIC to the BAAQMD and are included in Appendix B. See Appendix C, Wellfield SSM Log for details.

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

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

Pursuant to §60.38f(h)(3), & 62.16724(h)(3), there were 135 A-7 Flare Startup, Shutdown, and Malfunction (SSM) events and there were 52 A-9 Flare SSM events for the reporting period. The Ameresco Landfill Gas to Energy (LFGTE) Facility reported 249 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, 2022 through September 30, 2022.

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 25, 2022;
- May 31, 2022;
- June 22, 2022;
- July 25, 2022;
- August 18, 2022; and
- September 12, 2022.

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 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.

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 2022 and Third Quarter 2022 Instantaneous and Integrated Surface Emission Monitoring (SEM) events were completed. Third Quarter 2022 Instantaneous and Integrated SEM event was also finished but the Report will be included in the October 1, 2022 through March 31, 2023 SAR. The results for the Second Quarter 2022 and Third Quarter 2022 SEM events are described below.

- Second Quarter 2022 – The Second Quarter 2022 Landfill Methane Rule (LMR) Surface Emissions Monitoring (SEM) initial event was completed on May 2, 3, 4, 9, 10, 12, 16, and 17, 2022. There were 11 locations that exceeded the NSPS and LMR (Grids, Penetrations, and Perimeter) instantaneous level of 500 ppmv. There were no 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 event which was conducted on May 12 and 26, 2022 indicated that all 11 areas with instantaneous exceedances had returned to compliance. Follow-up monitoring to the initial events were conducted within the one-month interval, as required, on May 26 and June 6, 2022 and all locations remained in compliance.
- Third Quarter 2022 – The Third Quarter 2022 Landfill Methane Rule (LMR) Surface Emissions Monitoring (SEM) initial event was completed on August 24, 25, 26, 29, 30, and 31, 2022 and September 2 and 3, 2022. There were 28 locations that exceeded the NSPS and LMR (Grids, Penetrations, and Perimeter) instantaneous level of 500 ppmv. There were seven 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) were performed by site personnel. The subsequent 10-day re-monitoring of the instantaneous event which was conducted on September 2 and 9, 2022 indicated that 22 locations with instantaneous exceedances had returned to compliance. The subsequent 10-day re-monitoring of the integrated event, which was

conducted on September 9, 2022, indicated that only one grid had returned to compliance. The second round of 10-Day follow-up readings for six instantaneous locations and six integrated grids were completed on September 23, 2022. All six instantaneous locations passed and all six integrated grids failed. One month follow-up monitoring to the initial instantaneous events was conducted on September 9, 23, and 28, 2022 and all locations remined in compliance. The 120-day deadline to expand the GCCS due to the six integrated exceedances is December 28, 2022.

Refer to the Second Quarter 2022 SEM Report located in Appendix H, for detailed results. The Third Quarter 2022 SEM Report will be included in the October 1, 2022 through March 31, 2023 SAR as it was not available at the time of this SAR submittal.

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 2022 – May 10, 2022, and June 3, 2022
- Third Quarter 2022 – August 2, 2022.

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 2022 and Third Quarter 2022 as it was not in operation. On October 27, 2017, Tetra Tech submitted an application for a COPC requesting the removal of the A-8 Flare from the Ox Mountain Title V Permit.

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

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

The amount of waste accepted during the reporting period of April 1, 2022 through September 30, 2022 was approximately 270,364.7 tons. The current Waste-In-Place (WIP) as of September 30, 2022 is approximately 27,955,009 tons which includes 41,448.5 tons of 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, 2022 through September 30, 2022.

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, 2022 through September 30, 2022 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 8, 10, 11, 13, 14, 18, 21, 22, 25, and 27, 2022;
- May 3, 6, 7, 9, 11, 12, 16, 17, 18, 19, 20, 23, 24, 25, 26, and 27, 2022;
- June 1, 2, 3, 6, 7, 8, 9, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 27, 28, 29, and 30, 2022;
- July 1, 5, 6, 7, 8, 11, 12, 13, 15, 18, 19, 20, 22, 25, 26, 27, 28, and 29, 2022;
- August 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2022; and
- September 1, 2, 6, 7, 8, 9, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23, 26, 27, 28, and 30, 2022.

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

As of June 21, 2021, Ox Mountain is subject to 40 CFR 62 Subpart F and all the monitoring and reporting requirements associated with the partially approved SIP. During the reporting of April 1, 2022 through September 30, 2022, there were 61 pressure and 16 temperature exceedance readings. Corrective action analysis was completed for three pressure exceedances at wells OXEW1909, OXEW2019, and OXEW2027 and for one temperature exceedance at well OXEW1807. All three pressure exceedances were corrected before the 60-day timeline. The temperature Reportable Compliance Activity (RCA) for well OXEW1807 will be included in the October 1, 2022 through March 31, 2022 SAR.

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, OXMPEW35, provided that the temperature in the LFG at the main header does not exceed 140°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 ºF. Therefore, when the following wells are connected to the vacuum system, they may operate up to 15 percent oxygen. The wells to which these HOV values apply are as follows: LTS-1, LTS-2, LTS-3, LTS-4, LTS-5, LTS-6, LTS-7, LTS-8, LTS-9, LTS-10, LTS-11, LTS-12, LTS-13, LTS-14, LTS-15, LTS-16, LTS-17, LTS-18, LTS-19, and LTS-20.

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

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

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

Appendix L contains a summary of the monthly LFG flow rates for the flares. Appendix F contains the Flare Flow and Temperature Deviation/Inoperative Monitor/Missing Data Report for April 1, 2022 through September 30, 2022. 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 27 wellfield SSM events that occurred during the reporting period. A total of four vertical extraction wells were decommissioned and 10 vertical extraction wells were started up pursuant to BAAQMD Regulation 8-34-117. Well Startup and Decommissioning Notification Letters were submitted on behalf of BFIC to the BAAQMD and are included in Appendix B. See Appendix C, Wellfield SSM Log for details.

At the time of this submittal, Authority to Construct (ATC) 30889, issued on February 10, 2021, allows for the replacement of an unlimited number of vertical wells and horizontal collectors, installation of up to 78 new vertical wells, installation of up to 13 new horizontal collectors, the decommissioning of up to 122 vertical wells, and the decommissioning of up to 14 horizontal collectors.

As of September 30, 2022, Ox Mountain consists of 189 vertical wells, 13 horizontal collectors, 10 LCRSs, and 18 leachate sumps.

2.14 TITLE V PERMIT CONDITION NUMBER 10164, PART 5

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

2.15 TITLE V PERMIT CONDITION NUMBER 10164, PART 6

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

2.16 TITLE V PERMIT CONDITION NUMBER 10164, PART 7

All unpaved roads (excluding limited use access roads) were treated with ten percent magnesium chloride dust suppressant solution at a rate of at least once per calendar month. From April 1, 2022 through September 30,

2022 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. Tetra Tech verified with BFIC personnel that no high VOC soils (soil that contains 50 ppmv or greater of VOCs) were accepted at Ox Mountain 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 but has stopped stockpiling and utilizing green waste as beneficial reuse. These records are maintained at Ox Mountain and are available upon request.

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

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

Pursuant to Title V Permit Condition Number 25107, the Static Pressure Performance Test (Leak Test) for ST-38 was completed for October 14, 2022. A copy will be included in Appendix O of the October 1, 2022, through March 31, 2023 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 L. These records are maintained at Ox Mountain and are available upon request.

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

2.24 TITLE V PERMIT CONDITION NUMBER 10164, PART 22

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_2S) averaged over any consecutive rolling 12-month period. Monthly 12-month rolling averages of TRS as H_2S 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 2022 Source Tests were performed on July 22, 2022 and July 21, 2022, respectively. The LFG characterization results were submitted

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

2.26 REPORTABLE EVENTS DURING THE REPORTING PERIOD

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

April 28, 2022 Notice Of Violation and May 6, 2022 10-Day Response

- On April 28, 2022, Ox Mountain received NOV number A59722 from the BAAQMD for violations under Regulation 2, Rule 1, Sections 301 and 302 for operating the S-25 Tipper without a Permit to Operate (PTO) or Authority to Construct (ATC). A 10-Day Response was submitted to the BAAQMD on May 6, 2022.

May 6, 2022 10-Day Response

- On May 6, 2022, a 10-Day Response was submitted to the BAAQMD as a follow-up to the NOV received on April 28, 2022.

July 14, 2022 Reportable Compliance Activity (RCA) Notification

- On July 14, 2022, an RCA Notification was submitted to the BAAQMD for GCCS downtime over one hour. The RCA was assigned numbers 08K21 for the breakdown and 08K22 for the excursion.

July 22, 2022 Combined 10-Day and 30-Day Title V Breakdown Follow-up Letter

- On July 22, 2022, a combined 10-Day and 30-Day Title V Breakdown Follow-up Letter was submitted to the BAAQMD in response to the RCA Notification numbers 08K21 and 08K22.

3.0 PERFORMANCE TEST REPORT

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

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

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

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

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

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

4.1 SSM LOG FOR THE GCCS AT OX MOUNTAIN

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

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

The SSM events that occurred during the NSPS semi-annual reporting period are reported in this section April 1, 2022 through September 30, 2022). The following information is included as required:

- During the reporting period, there were 135 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, 52 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, 27 SSM events occurred in the wellfield. Details are included in Appendix C, Well SSM Log.
- There were 214 events in total. In all 214 events, automatic systems and operator actions were consistent with the standard operating procedures contained in the SSM Plan. There were no deviations from the SSM plan.
- There were no identified exceedances during the reporting period of any applicable emission limitation in the landfills NESHAP (§63.10(d)(5)(i)).
- Revisions of the SSM Plan to correct deficiencies in the landfill operations or procedures were neither required, nor prepared (§63.6(e)).

5.0 LIMITATIONS

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

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

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

I certify the following:

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

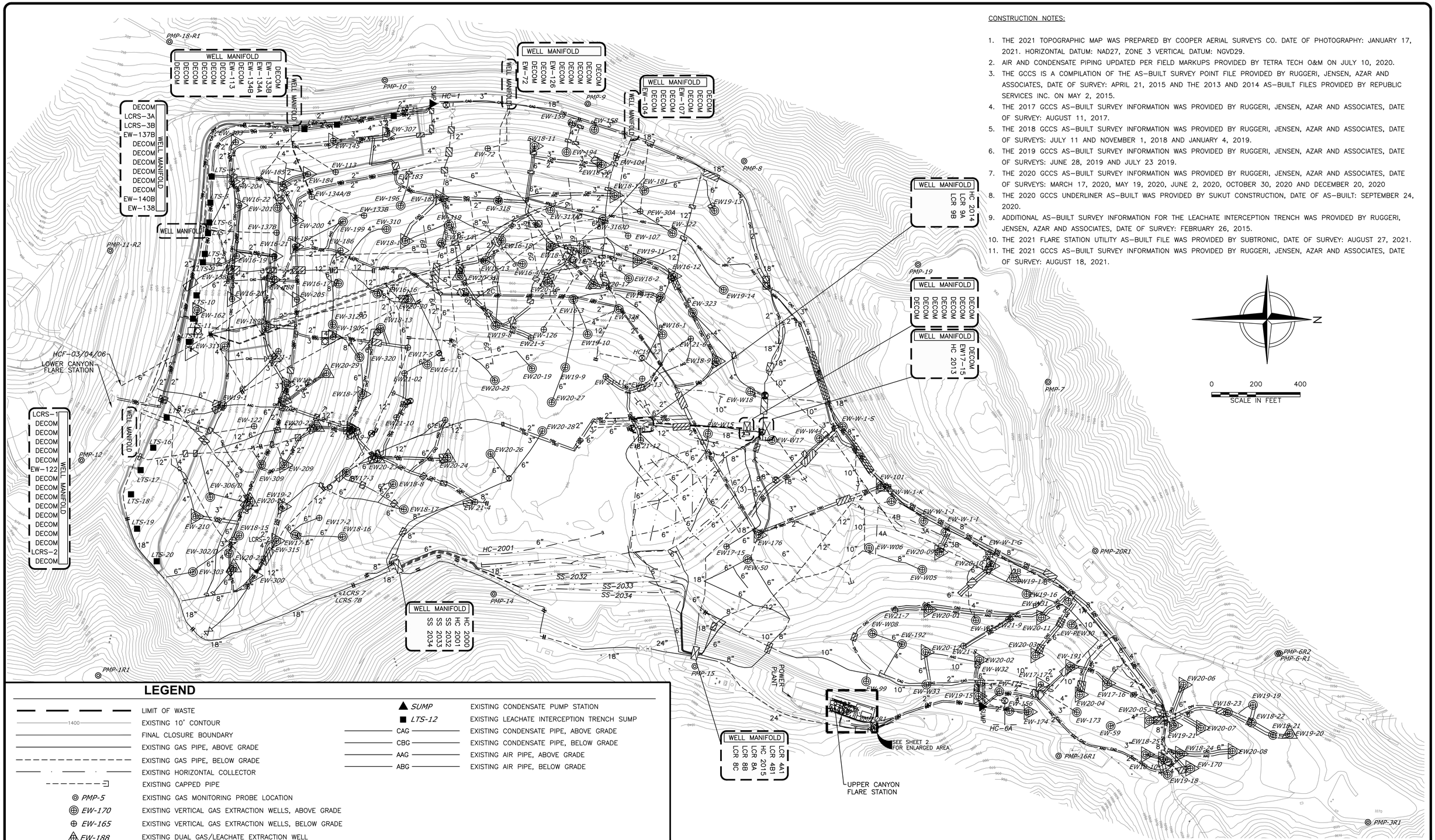
Signature of Responsible Official

10/31/2022
Date

Travis Armstrong
Name of Responsible Official

APPENDIX A

SITE MAP



CONSTRUCTION NOTES:

1. THE 2021 TOPOGRAPHIC MAP WAS PREPARED BY COOPER AERIAL SURVEYS CO. DATE OF PHOTOGRAPHY: JANUARY 17, 2021. HORIZONTAL DATUM: NAD27, ZONE 3 VERTICAL DATUM: NGVD29.
2. AIR AND CONDENSATE PIPING UPDATED PER FIELD MARKUPS PROVIDED BY TETRA TECH O&M ON JULY 10, 2020.
3. THE GCCS IS A COMPILATION OF THE AS-BUILT SURVEY POINT FILE PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: APRIL 21, 2015 AND THE 2013 AND 2014 AS-BUILT FILES PROVIDED BY REPUBLIC SERVICES INC. ON MAY 2, 2015.
4. THE 2017 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 11, 2017.
5. THE 2018 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JULY 11 AND NOVEMBER 1, 2018 AND JANUARY 4, 2019.
6. THE 2019 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JUNE 28, 2019 AND JULY 23 2019.
7. THE 2020 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: MARCH 17, 2020, MAY 19, 2020, JUNE 2, 2020, OCTOBER 30, 2020 AND DECEMBER 20, 2020
8. THE 2020 GCCS UNDERLINER AS-BUILT WAS PROVIDED BY SUKUT CONSTRUCTION, DATE OF AS-BUILT: SEPTEMBER 24, 2020.
9. ADDITIONAL AS-BUILT SURVEY INFORMATION FOR THE LEACHATE INTERCEPTION TRENCH WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: FEBRUARY 26, 2015.
10. THE 2021 FLARE STATION UTILITY AS-BUILT FILE WAS PROVIDED BY SUBTRONIC, DATE OF SURVEY: AUGUST 27, 2021.
11. THE 2021 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 18, 2021.

LEGEND

	LIMIT OF WASTE
1400	EXISTING 10' CONTOUR
	FINAL CLOSURE BOUNDARY
	EXISTING GAS PIPE, ABOVE GRADE
	EXISTING GAS PIPE, BELOW GRADE
	EXISTING HORIZONTAL COLLECTOR
	EXISTING CAPPED PIPE
PMP-5	EXISTING GAS MONITORING PROBE LOCATION
EW-170	EXISTING VERTICAL GAS EXTRACTION WELLS, ABOVE GRADE
EW-165	EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE
EW-188	EXISTING DUAL GAS/LEACHATE EXTRACTION WELL
EW16-22	EXISTING DUAL CASING GAS/LEACHATE EXTRACTION WELL
	EXISTING ROAD CROSSING
	EXISTING REMOTE WELLHEAD
	EXISTING CONTROL VALVE
	EXISTING FLANGE CONNECTION
	EXISTING BLIND FLANGE
	EXISTING REDUCER FITTING
SUMP	EXISTING CONDENSATE PUMP STATION
LTS-12	EXISTING LEACHATE INTERCEPTION TRENCH SUMP
CAG	EXISTING CONDENSATE PIPE, ABOVE GRADE
CBG	EXISTING CONDENSATE PIPE, BELOW GRADE
AAG	EXISTING AIR PIPE, ABOVE GRADE
ABG	EXISTING AIR PIPE, BELOW GRADE

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

FINAL - RECORD DRAWINGS

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY

DATE OF ISSUE 01/27/21
DRAWN BY SEY/GVP/KJA
DESIGNED BY SEY
CHECKED BY AMN
APPROVED BY PJS

TETRA TECH

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

OX MOUNTAIN LANDFILL
SAN MATEO COUNTY, CALIFORNIA

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

SHEET NO. 1
PROJECT NO. 210032

File: C:\Users\kacey.abushaban\AppData\Local\Temp\AcPublish_5228\210032_S_2021 FLARE STATION UTILITY AND GCCS AS-BUILT_RECORD 2022.01.26.dwg Layout: SHT 1 User: kacey.abushaban Jan 27, 2022 - 9:32am

APPENDIX B

BAAQMD CORRESPONDENCE

Israel, Nat

From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Tuesday, April 26, 2022 11:29 AM
To: Wade, Benjamin
Cc: Kent, Kendra
Subject: A2266 Deviation #6857

Hello Ben,
I am writing to schedule a meeting with you to discuss Deviation #6857- the discovery of emission unit S-23 engine being replaced by S-25 on October 2020. Unfortunately, this will result in a Notice of Violation per Air District Regulation 2-1-301/302 for operating the S-25 diesel engine without a permit from 10/2020 through 2/22/22. I have the following dates available to meet with you (I prefer morning meetings (9AM) but am flexible):

Thursday, 4/28
Friday, 4/29
Tuesday, 5/3 (after 1pm)
Wed. 5/4

Regards,

Romelle Guittap
Air Quality Inspector
Compliance & Enforcement Division
375 Beale Street, Suite 600
San Francisco, CA 94105
W: (415) 749-4654 | **C**: (415) 793-1235
www.baaqmd.gov | www.sparetheair.org
BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Israel, Nat

From: Wade, Benjamin <BWade@republicservices.com>
Sent: Tuesday, August 23, 2022 12:18 PM
To: Kent, Kendra; Newbrough, Rob
Cc: Israel, Nat
Subject: FW: A2266 Flare Maintenance

Missed this email when I was out of office. Can you please draft this response?

Ben Wade
Area Environmental Manager
West Area

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



From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Friday, August 19, 2022 12:45 PM
To: Wade, Benjamin <BWade@republicservices.com>
Subject: A2266 Flare Maintenance

This Message Is From an External Sender
This message came from outside your organization.

Hello Ben,
I am finalizing my report for the RCA 08K21, 08K22. I just have a quick question for you:
How often is the flare A-7 inspected and maintained?
What was the date of the last maintenance prior to 7/13/22?

Thank you!

Regards,

Romelle Guittap (she/her/hers)
Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
www.baaqmd.gov | www.sparetheair.org

REPUBLIC SERVICES

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

May 6, 2022

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

Submitted via email to:
jgove@baaqmd.gov
compliance@baaqmd.gov

Re: 10-Day Response to Notice of Violation Number A59722
Ox Mountain Landfill, Half Moon Bay, California
Facility Number A2266

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of Ox Mountain Landfill (Ox Mountain) is submitting this 10-Day Response to Notice of Violation (NOV) Number A59722 to the Bay Area Air Quality Management District (BAAQMD) per the requirements of the NOV.

On March 4, 2022, BFIC reported a potential deviation of Permit to Operate (PTO) Condition 25956 Parts 2 through 5 related to the S-23 Portable Propane Engine Powering Tipper (TPR110209) based on the discovery on February 22, 2022, that the S-23 Portable Propane Engine was no longer operating Tipper TPR110209. On April 28, 2022, NOV number A59722 was received from the BAAQMD for violations under Regulation 2, Rule 1, Sections 301 and 302 for operating the S-25 Tipper without a Permit to Operate (PTO) or Authority to Construct (ATC).

Summary of Event

On February 22, 2022, BFIC personnel discovered that emission unit S-23 engine was no longer operating/powering the Ox Mountain Tipper Unit TPR110209 as previously believed. The engine and tipper were immediately taken out of operation pending the investigation into the issue. As of this report, BFIC has been able to determine that the engine that was in operation on February 22, 2022, was an engine that had been permitted under emission unit S-25 (Portable Diesel Engine) pursuant to the ATC for Application No. (AN) 28767. It appears the S-23 propane engine was replaced in October

2020 after it had a significant mechanical failure that was not repairable. At that time the S-23 propane engine was operating TPR110209 which was the primary tipper for all waste operations at the landfill as the newly permitted S-26 diesel tipper engine was not yet operational. In order to continue operations, Ox Mountain personnel reviewed the engines available onsite to determine if any of them were permitted and had the capacity to operate Tipper TPR110209. Based on their reviews, they decided to replace the S-23 propane engine with the S-25 diesel engine (permitted under Application No. 28767).

Investigation and Findings

Since the potential deviation was discovered and reported, the following information was identified in historical document reviews and documented in email correspondence with the BAAQMD.

Engine Permit History

Ox Mountain generally has two tippers available for operation at all times. Prior to October 2016, these tippers were operated by the S-23 propane engine and the S-24 diesel engine. In October 2016, the S-25 diesel engine was permitted under the ATC for AN28767 issued on May 10, 2018, with an expiration date in May 2020. In December 2019, BFIC purchased a brand new tipper chasse with the intent to replace the S-25 engine and tipper chasse. The ATC for S-26 diesel engine was issued in April 2020. It should be noted the only engines ever listed within the various PTOs or Title V Permits for Ox Mountain were the S-23 and S-24 engines.

S-25 Engine Permit Delay and Subsequent Issues

It appears that the delay in the issuance of the PTO for the S-25 diesel engine may have contributed to the confusion as to which tipper engines were permitted at Ox Mountain. The delay seems to be as a result of two issues. First, the BAAQMD did not have a copy of the Startup Notification dated May 4, 2018 for the S-25 engine under AN28767 in their records that was mailed into the BAAQMD. Second, records indicated that the site permitting engineer at the time had identified that outstanding offsets were required for the S-25 diesel engine PTO issuance during evaluation of the S-26 engine permit application. Note, BFIC has no documentation indicating that the offsets were brought up by the permitting engineer for the S-25 engine application nor any correspondence regarding the S-25 diesel engine since the issuance of the ATC. It appears this issue was not followed up on by the BAAQMD until the apparent PTO absence was discovered during the review of the potential deviation. The offsets for the S-25 diesel engine were assessed and paid by BFIC at the time of the S-26 engine application review to continue with the evaluation and issuance of the S-26 engine ATC. The delay in the issuance of the S-25 PTO also meant that the S-25 was not included in the most recent update to Ox Mountain's Title V permit.

This delay contributed to the confusion as to what engines were permitted since site personnel were aware of the ATC and pending PTO for the S-25 engine. As such,

when the S-23 propane engine started to fail, BFIC Operations replaced it the Tier 4 Final compliant S-25 diesel engine.

Based on the information that current BFIC personnel was able to locate and correlate, there was a miscommunication and misunderstanding of the permit status of the S-25 diesel engine due to the changes in site conditions related to the permitting of the S-26 engine and associated tipper. It appears that landfill personnel were using the "S" emission units to refer to the actual tipper chasses not the engines that operate them. Site personnel mistakenly identified the old tipper chasse designated S-25 as the "tipper" that was being replaced by the new S-26 diesel engine/tipper chasse application instead of the S-23 propane engine.

Resolution

Base on the information discovered during the course of the BAAQMD and BFIC investigation, BFIC submitted a 10-Day Notification to the BAAQMD on March 4, 2022, and a 30-Day Title V Follow-up Report was submitted on March 24, 2022.

BFIC and their compliance team will be tracking all current or future applications more closely so that when applications that appear to have been delayed or not followed up on timely can be brought to the attention of the BAAQMD. Had the S-25 diesel engine PTO not been delayed or stalled in the review/issuance phase, it is possible that some of the confusion regarding these engines may have been avoided.

BFIC has developed and been providing training to Ox Mountain staff to educate them regarding this event and the procedural steps that should be taken in the future prior to removing or replacing engines operating equipment at the site. BFIC believes with this additional training and better due diligence on the part of Ox Mountain and the BAAQMD to process applications timely that this issue can be avoided in the future.

BFIC is committed to operating Ox Mountain's GCCS in compliance with all applicable regulations and will continue to ensure future compliance. If you have any questions or require additional information, please do not hesitate to contact me at (650) 713-3632.

Sincerely,
Ox Mountain

Benjamin Wade
Environmental Manager

Enclosures: Attachment A – Notice of Violation Number A59722

cc: Romelle Guittap, BAAQMD
Travis Armstrong, BFIC
Joshua Mills, BFIC
Kendra Kent, Tetra Tech

Attachment A

Notice of Violation Number A59722

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
(415) 749-5000

NOTICE OF VIOLATION

No. A 59722

ISSUED TO: Browning-Ferris Industr. ☒ P ☐ G ☐ N# A2266
ADDRESS: 12310 San Mateo Rd
CITY: Half Moon Bay STATE: CA ZIP: 94019
PHONE: (650) 291-3582
☐ N# Mailing Address on F61

OCCURRENCE
NAME: Ox Mountain Landfill
ADDRESS: ☒ Same As Above
CITY: ZIP:
SOURCE: S# 25 NAME: (Portable landfill truck tipper) ICE
EMISSION PT: P# NAME:
DATE: 10/2020 TIME: 00:01 HRS

☒ REG 2 RULE 1 SEC 301 No Authority to Construct
☒ REG 2 RULE 1 SEC 302 No Permit to Operate
☐ REG 1 SEC 301 H & S CODE - 41700 Public Nuisance
☐ REG 2 RULE SEC 307 Failure to Meet Permit Condition
☐ REG 5 SEC 301 Prohibited Open Burning
☐ REG 6 RULE 1 SEC 301 Excessive Visible Emissions
☐ REG RULE SECTION CODE
☐ REG RULE SECTION CODE

Details: operating S-25 Internal Combustion Engine without PTO + AC

RECIPIENT NAME: BEN WADE
TITLE: ENVIRONMENTAL MANAGER

SIGNING THIS NOTICE IS NOT AN ADMISSION OF GUILT X Ben Wade

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

ISSUED BY: Danielle Guittap INSP # 884
DATE: 4/25/22 TIME: 0909 HRS ☐ MAILED

PLEASE PRESS HARD

Continued On Reverse

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

July 22, 2022

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

Transmitted via E-mail

Re: Combined 10/30-day Title V Report and 30-day Breakdown Follow-up Letter
Reportable Compliance Activity IDs 08K21 (breakdown) and 08K22 (excursion)
Ox Mountain Landfill, Half Moon Bay, California
Facility Number A2266

Dear Mr. Gove:

Browning-Ferris Industries of California, Inc. (BFIC), the owner and operator of the Ox Mountain Landfill (Ox Mountain) (Facility Number A2266), submits this Combined 10/30-Day Title V Report and 30-Day Breakdown Follow-Up Letter to Breakdown Relief Request to the Bay Area Air Quality Management District (BAAQMD) per the requirements of BAAQMD Compliance and Enforcement Breakdown Guidelines. This letter also satisfies the 10 and 30-day Title V Report requirements and Title V Permit Condition Section I.F (Monitoring Reports). Pursuant to Title V Permit Condition Number 818 Part 3(a), the gas collection and control system (GCCS) shall remain in continuous operation. On July 13, 2022, the GCCS shutdown for more than one hour requiring a breakdown notification. On July 14, 2022, out of an abundance of caution a Reportable Compliance Activity (RCA) notification was submitted to the BAAQMD requesting breakdown relief and to report a parametric excursion for the GCCS downtime event. RCA Notification IDs 08K21 (breakdown) and 08K22 (excursion) have been assigned to this event. BFIC respectfully requests that the BAAQMD grant breakdown relief for this event because: this event is a result of conditions related to the exemption under the 118 Construction Exemption/Plan submitted on June 7, 2022; and there was no breakdown or malfunction of equipment owned and operated by BFIC.

Background

On July 13, 2022, at approximately 11:30 PM, the Ameresco Landfill Gas to Energy (LFGTE) facility shutdown due to a TSA temperature sensor high temp alarm (the TSA serves as a gas cleanup/filter system for LFGTE). At the time of the LFGTE facility shutdown the facility flares were not operating. Currently at Ox Mountain, the A-9 Flare serves as a back-up control device for the LFGTE facility and/or the A-7 Flare; however, it cannot operate when the LFGTE facility is in operation and was therefore offline at the time of the LFGTE facility shutdown. The A-7 Flare was not operating due to impacts on the GCCS because of the on-site construction reported under the June 7, 2022 118 Construction Exemption/plan.

Site technicians were dispatched to Ox Mountain as soon as they became aware of the shutdown. Technicians began the startup procedures at 12:59 AM the A-7 Flare became stable at 1:22 AM. The Ameresco LFGTE facility engines were prepared for startup following a rigorous inspection of the control

equipment for damage and were restarted at 1:36 AM. During shutdowns, landfill gas (LFG) flow to abatement devices is automatically stopped. There were no excess emissions during the downtime event.

Corrective Actions

This event took place after operating hours; therefore, no onsite personnel for Ox Mountain nor the LFGTE facility were present at the time of shutdown to inspect and restart the control devices. Ox Mountain has on-call personnel from Tetra Tech (TT) Operations and Maintenance (O&M) and Ameresco has their own personnel to respond to GCCS shutdown events afterhours for emergencies 24 hours a day, 7 days per week. Upon receiving an automated alert of control device downtime, these designated personnel immediately responded. Once onsite, the on-call TT technician inspected the GCCS, blower flare station components and flares for damage in accordance with their inspection and pre-startup procedures. The A-7 and A-9 Flares require a technician onsite to be restarted due to the nature of how the Flares operate. They rely on several components that frequently need to be manually reset before the flares can resume operation.

Under normal circumstances the A-7 Flare operates 24 hours per day. However, due to onsite construction being performed under the approved 118 Construction Exemption/Plan submitted to the BAAQMD on June 7, 2022, several wells have been temporarily taken offline to limit the potential for oxygen infiltration into the landfill during construction activities. This action resulted in a temporary drop in the available gas flow to the A-7 Flare. System performance will be improved once the current 118 Construction and the upcoming GCCS Construction are complete. Construction activities as are described in the referenced submittal and resulting temporary system impacts during work are necessary at times to ensure lasting system performance. There was no breakdown of equipment owned and operated by Ox Mountain. The Ameresco LFGTE facility shut down due to their TSA Flare high temperature alarm which was beyond Ox Mountain's control. During this period of downtime, applicable inspection and maintenance (I&M) measures were taken pursuant to BAAQMD Regulation 8, Rule 34, Section 113 (8-34-113), which allows for up to 240 hours of GCCS downtime in any calendar year to allow for I&M of the GCCS.

Excess emissions did not occur during this event. The control devices at Ox Mountain have automated features that isolate the GCCS. This prevents emissions from the GCCS when the control devices are not in operation. At the time of this submittal, the GCCS is operating within normal parameters. BFIC respectfully requests that the BAAQMD grant breakdown relief for this event, as the site is currently exempt under the 118 Construction Plan submitted on June 7, 2022.

Conclusion

Although a request for breakdown relief is being submitted per BAAQMD guidelines, there was no "breakdown" of any Ox Mountain-owned control device. There was no parametric excursion from operating limits and no missing operating data. As BFIC has stated in past letters, it believes BAAQMD's Rule 1-523.3 only requires the reporting of parametric monitoring excursions when the monitoring equipment shows an exceedance of a permit condition when the flare is operating, not when it is shutdown.

With the submittal of this combined notification, BFIC has completed all reporting requirements for the event within the required timeframes. The RCA Notification was submitted out of an abundance of caution within 24 hours of the shutdown, as previously instructed by BAAQMD inspectors.

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

If you have any questions or require additional information, please do not hesitate to contact myself at (650) 291-3882 or by email at BWade@republicservices.com or Kendra Kent at (520) 526-7270 or by email at kendra.kent@tetratech.com.

Sincerely,



Ben Wade
Environmental Manager
Ox Mountain Landfill

Attachment: A – RCA Form IDs 08K21 (breakdown) and 08K22 (excursion)
B – A-7 and A-9 Flare Data – July 11, 2022, through July 14, 2022

cc: Travis Armstrong, BFIC
Josh Mills, BFIC
Kelly McDonnell, BFIC
Thomas Bruen, Law Office of Thomas M. Bruen, P.C.
Niki Wuestenberg, BFIC
Kendra Kent, Tetra Tech
Romelle Guittap, BAAQMD

Attachment A
RCA Form IDs 08K21 (breakdown) and 08K22 (excursion)

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

COMPLIANCE & ENFORCEMENT DIVISION

Notification Form

Reportable Compliance Activity (RCA)

See back of form for instructions →

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

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

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

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

SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)			
Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kendra Kent, Tetra Tech	Phone #	(520) 526-7270
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	1 hour 29 minutes
Start Time/Date	7/13/2022 at 23:30 PM	Clear Time	7/14/2022 at 00:59 AM
Monitor/device type(s)	☐ ▶CEM ☐ ▶GLM ☒ ▶Parametric ☐ ▶PRD ☐ ▶Non-monitor		
Monitor description(s)			

Parameter(s) exceeded or not functioning due to inoperation

☐ ▶NO_x ☐ ▶SO_2 ☐ ▶CO ☐ ▶CO_2 ☐ ▶H_2S ☐ ▶TRS ☐ ▶NH_3
☐ ▶O_2 ☐ ▶H_2O ☐ ▶Opacity ☐ ▶Lead ☐ ▶Gauge Pressure ☒ ▶Flow
☐ ▶Hydrocarbon Breakthrough (VOC) ☒ ▶Temperature ☐ ▶Wind Speed
☐ ▶Wind Direction ☐ ▶Steam ☐ ▶Other (describe)

Unit(s) of Measurement

☐ ▶ppm ☐ ▶ppb ☐ ▶min/hr > 20% ☐ ▶inches H_2O ☐ ▶mmHg
☐ ▶psig ☐ ▶pH ☒ ▶^{0}Fahrenheit ☒ ▶Other (describe) scfm

Event Description:

At approximately 11:30 PM on July 13, 2022, site control equipment went offline due to a sensor alarm. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. Technicians restarted site control equipment at 12:59 AM. There were no excess emissions during the downtime event.

District Use Only		
Received by	Date	Time

General Instructions

Attachment B
A-7 and A-9 Flare Data – July 11, 2022, through July 14, 2022

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/11	00:00:00	0.000	3	3	83	84	
2022/07/11	00:02:00	0.000	3	3	82	83	
2022/07/11	00:04:00	0.000	2	3	82	83	
2022/07/11	00:06:00	0.000	3	3	82	82	
2022/07/11	00:08:00	0.000	2	3	81	82	
2022/07/11	00:10:00	0.000	3	3	81	82	
2022/07/11	00:12:00	0.000	3	3	80	81	
2022/07/11	00:14:00	0.000	3	3	79	80	
2022/07/11	00:16:00	0.000	3	3	79	79	
2022/07/11	00:18:00	0.000	2	3	79	79	
2022/07/11	00:20:00	0.000	3	3	79	79	
2022/07/11	00:22:00	0.000	3	3	78	79	
2022/07/11	00:24:00	0.000	3	3	78	79	
2022/07/11	00:26:00	0.000	3	3	78	79	
2022/07/11	00:28:00	0.000	2	3	78	78	
2022/07/11	00:30:00	0.000	3	3	77	78	
2022/07/11	00:32:00	0.000	3	3	77	77	
2022/07/11	00:34:00	0.000	3	3	77	77	
2022/07/11	00:36:00	0.000	2	3	77	77	
2022/07/11	00:38:00	0.000	2	3	76	77	
2022/07/11	00:40:00	0.000	3	3	76	76	
2022/07/11	00:42:00	0.000	3	3	75	76	
2022/07/11	00:44:00	0.000	3	3	75	75	
2022/07/11	00:46:00	0.000	3	3	75	75	
2022/07/11	00:48:00	0.000	3	3	74	75	
2022/07/11	00:50:00	0.000	3	3	74	75	
2022/07/11	00:52:00	0.000	3	3	74	74	
2022/07/11	00:54:00	0.000	2	3	74	74	
2022/07/11	00:56:00	0.000	3	3	74	74	
2022/07/11	00:58:00	0.000	3	3	73	74	
2022/07/11	01:00:00	0.000	3	3	73	73	
2022/07/11	01:02:00	0.000	3	3	73	73	
2022/07/11	01:04:00	0.000	2	3	73	73	
2022/07/11	01:06:00	0.000	3	3	72	73	
2022/07/11	01:08:00	0.000	3	3	72	72	
2022/07/11	01:10:00	0.000	3	3	72	72	
2022/07/11	01:12:00	0.000	3	3	71	72	
2022/07/11	01:14:00	0.000	3	3	71	71	
2022/07/11	01:16:00	0.000	3	3	71	71	
2022/07/11	01:18:00	0.000	2	3	71	71	
2022/07/11	01:20:00	0.000	3	3	71	71	
2022/07/11	01:22:00	0.000	3	3	71	71	
2022/07/11	01:24:00	0.000	3	3	71	71	
2022/07/11	01:26:00	0.000	3	3	70	71	
2022/07/11	01:28:00	0.000	2	3	70	70	
2022/07/11	01:30:00	0.000	3	3	70	70	
2022/07/11	01:32:00	0.000	3	3	70	70	
2022/07/11	01:34:00	0.000	2	3	70	70	
2022/07/11	01:36:00	0.000	3	3	69	70	
2022/07/11	01:38:00	0.000	2	3	69	70	
2022/07/11	01:40:00	0.000	3	3	68	69	
2022/07/11	01:42:00	0.000	3	3	68	69	
2022/07/11	01:44:00	0.000	3	3	68	69	
2022/07/11	01:46:00	0.000	2	3	69	69	
2022/07/11	01:48:00	0.000	3	3	68	69	
2022/07/11	01:50:00	0.000	3	3	68	69	
2022/07/11	01:52:00	0.000	2	3	68	69	
2022/07/11	01:54:00	0.000	3	3	68	69	
2022/07/11	01:56:00	0.000	3	3	68	69	
2022/07/11	01:58:00	0.000	3	3	68	69	
2022/07/11	02:00:00	0.000	3	3	68	69	
2022/07/11	02:02:00	0.000	3	3	68	68	
2022/07/11	02:04:00	0.000	3	3	68	68	
2022/07/11	02:06:00	0.000	3	3	68	68	

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	02:08:00	0.000	3	3	67	68
2022/07/11	02:10:00	0.000	3	3	67	68
2022/07/11	02:12:00	0.000	2	3	67	67
2022/07/11	02:14:00	0.000	3	3	67	67
2022/07/11	02:16:00	0.000	3	3	66	67
2022/07/11	02:18:00	0.000	2	3	66	67
2022/07/11	02:20:00	0.000	2	3	66	67
2022/07/11	02:22:00	0.000	3	3	66	67
2022/07/11	02:24:00	0.000	3	3	66	67
2022/07/11	02:26:00	0.000	3	3	66	66
2022/07/11	02:28:00	0.000	3	3	66	66
2022/07/11	02:30:00	0.000	3	3	66	66
2022/07/11	02:32:00	0.000	3	3	66	66
2022/07/11	02:34:00	0.000	3	3	66	66
2022/07/11	02:36:00	0.000	3	3	66	66
2022/07/11	02:38:00	0.000	2	3	66	66
2022/07/11	02:40:00	0.000	3	3	66	66
2022/07/11	02:42:00	0.000	3	3	66	66
2022/07/11	02:44:00	0.000	3	3	66	66
2022/07/11	02:46:00	0.000	3	3	65	66
2022/07/11	02:48:00	0.000	3	3	65	66
2022/07/11	02:50:00	0.000	2	3	65	66
2022/07/11	02:52:00	0.000	2	3	65	66
2022/07/11	02:54:00	0.000	3	3	65	65
2022/07/11	02:56:00	0.000	3	3	65	65
2022/07/11	02:58:00	0.000	3	3	65	65
2022/07/11	03:00:00	0.000	3	3	65	65
2022/07/11	03:02:00	0.000	3	3	65	65
2022/07/11	03:04:00	0.000	3	3	65	65
2022/07/11	03:06:00	0.000	2	3	65	65
2022/07/11	03:08:00	0.000	3	3	65	65
2022/07/11	03:10:00	0.000	3	3	65	65
2022/07/11	03:12:00	0.000	3	3	65	65
2022/07/11	03:14:00	0.000	3	3	64	65
2022/07/11	03:16:00	0.000	3	3	64	65
2022/07/11	03:18:00	0.000	3	3	64	65
2022/07/11	03:20:00	0.000	3	3	64	65
2022/07/11	03:22:00	0.000	3	3	64	64
2022/07/11	03:24:00	0.000	3	3	64	65
2022/07/11	03:26:00	0.000	3	3	64	65
2022/07/11	03:28:00	0.000	3	3	64	64
2022/07/11	03:30:00	0.000	3	3	64	64
2022/07/11	03:32:00	0.000	2	3	64	64
2022/07/11	03:34:00	0.000	3	3	63	64
2022/07/11	03:36:00	0.000	3	3	63	64
2022/07/11	03:38:00	0.000	3	3	63	63
2022/07/11	03:40:00	0.000	3	3	63	64
2022/07/11	03:42:00	0.000	3	3	63	63
2022/07/11	03:44:00	0.000	3	3	63	63
2022/07/11	03:46:00	0.000	3	3	63	63
2022/07/11	03:48:00	0.000	3	3	63	63
2022/07/11	03:50:00	0.000	3	3	63	63
2022/07/11	03:52:00	0.000	3	3	63	63
2022/07/11	03:54:00	0.000	3	3	63	63
2022/07/11	03:56:00	0.000	3	3	63	63
2022/07/11	03:58:00	0.000	3	3	63	63
2022/07/11	04:00:00	0.000	3	3	63	63
2022/07/11	04:02:00	0.000	3	3	63	63
2022/07/11	04:04:00	0.000	3	3	63	63
2022/07/11	04:06:00	0.000	3	3	63	63
2022/07/11	04:08:00	0.000	2	3	63	63
2022/07/11	04:10:00	0.000	3	3	63	63
2022/07/11	04:12:00	0.000	3	3	63	63
2022/07/11	04:14:00	0.000	3	3	63	63

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	04:16:00	0.000	3	3	63	63
2022/07/11	04:18:00	0.000	3	3	63	63
2022/07/11	04:20:00	0.000	3	3	63	63
2022/07/11	04:22:00	0.000	3	3	63	63
2022/07/11	04:24:00	0.000	3	3	63	63
2022/07/11	04:26:00	0.000	3	3	63	63
2022/07/11	04:28:00	0.000	3	3	63	63
2022/07/11	04:30:00	0.000	3	3	63	63
2022/07/11	04:32:00	0.000	3	3	62	63
2022/07/11	04:34:00	0.000	3	3	62	63
2022/07/11	04:36:00	0.000	3	3	62	63
2022/07/11	04:38:00	0.000	3	3	62	63
2022/07/11	04:40:00	0.000	3	3	62	63
2022/07/11	04:42:00	0.000	3	3	62	63
2022/07/11	04:44:00	0.000	3	3	61	63
2022/07/11	04:46:00	0.000	3	3	62	62
2022/07/11	04:48:00	0.000	3	3	62	62
2022/07/11	04:50:00	0.000	3	3	62	62
2022/07/11	04:52:00	0.000	3	3	61	63
2022/07/11	04:54:00	0.000	3	3	61	62
2022/07/11	04:56:00	0.000	2	3	61	62
2022/07/11	04:58:00	0.000	3	3	61	62
2022/07/11	05:00:00	0.000	3	3	61	62
2022/07/11	05:02:00	0.000	3	3	61	62
2022/07/11	05:04:00	0.000	3	3	61	62
2022/07/11	05:06:00	0.000	3	3	61	62
2022/07/11	05:08:00	0.000	3	3	61	61
2022/07/11	05:10:00	0.000	3	3	61	61
2022/07/11	05:12:00	0.000	3	3	61	61
2022/07/11	05:14:00	0.000	3	3	61	61
2022/07/11	05:16:00	0.000	3	3	61	61
2022/07/11	05:18:00	0.000	3	3	60	61
2022/07/11	05:20:00	0.000	3	3	60	61
2022/07/11	05:22:00	0.000	3	3	60	61
2022/07/11	05:24:00	0.000	3	3	60	61
2022/07/11	05:26:00	0.000	3	3	60	61
2022/07/11	05:28:00	0.000	3	3	60	61
2022/07/11	05:30:00	0.000	3	3	60	61
2022/07/11	05:32:00	0.000	3	3	60	61
2022/07/11	05:34:00	0.000	3	3	60	61
2022/07/11	05:36:00	0.000	3	3	60	61
2022/07/11	05:38:00	0.000	3	3	60	61
2022/07/11	05:40:00	0.000	3	3	60	61
2022/07/11	05:42:00	0.000	3	3	60	61
2022/07/11	05:44:00	0.000	3	3	60	61
2022/07/11	05:46:00	0.000	3	3	60	61
2022/07/11	05:48:00	0.000	3	3	60	61
2022/07/11	05:50:00	0.000	3	3	60	61
2022/07/11	05:52:00	0.000	3	3	60	61
2022/07/11	05:54:00	0.000	3	3	60	61
2022/07/11	05:56:00	0.000	3	3	61	61
2022/07/11	05:58:00	0.000	3	3	61	62
2022/07/11	06:00:00	0.000	3	3	61	62
2022/07/11	06:02:00	0.000	3	3	61	62
2022/07/11	06:04:00	0.000	3	3	61	62
2022/07/11	06:06:00	0.000	3	3	61	62
2022/07/11	06:08:00	0.000	3	3	61	62
2022/07/11	06:10:00	0.000	3	3	61	62
2022/07/11	06:12:00	0.000	3	3	61	62
2022/07/11	06:14:00	0.000	3	3	61	62
2022/07/11	06:16:00	0.000	3	3	61	63
2022/07/11	06:18:00	0.000	3	3	62	63
2022/07/11	06:20:00	0.000	3	3	61	63
2022/07/11	06:22:00	0.000	3	3	62	63

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	06:24:00	0.000	3	3	61	62
2022/07/11	06:26:00	0.000	3	3	60	62
2022/07/11	06:28:00	0.000	3	3	60	61
2022/07/11	06:30:00	0.000	3	3	60	61
2022/07/11	06:32:00	0.000	3	3	60	61
2022/07/11	06:34:00	0.000	3	3	60	61
2022/07/11	06:36:00	0.000	3	3	60	61
2022/07/11	06:38:00	0.000	3	3	60	61
2022/07/11	06:40:00	0.000	3	3	59	61
2022/07/11	06:42:00	0.000	3	3	60	61
2022/07/11	06:44:00	0.000	3	3	60	60
2022/07/11	06:46:00	0.000	3	3	59	60
2022/07/11	06:48:00	0.000	3	3	59	60
2022/07/11	06:50:00	0.000	3	3	59	60
2022/07/11	06:52:00	0.000	2	3	59	59
2022/07/11	06:54:00	0.000	3	3	59	59
2022/07/11	06:56:00	0.000	3	3	58	59
2022/07/11	06:58:00	0.000	3	3	58	59
2022/07/11	07:00:00	0.000	3	3	58	59
2022/07/11	07:02:00	0.000	3	3	58	59
2022/07/11	07:04:00	0.000	3	3	58	59
2022/07/11	07:06:00	0.000	3	3	58	59
2022/07/11	07:08:00	0.000	3	3	58	59
2022/07/11	07:10:00	0.000	3	3	58	59
2022/07/11	07:12:00	0.000	3	3	58	59
2022/07/11	07:14:00	0.000	3	3	58	59
2022/07/11	07:16:00	0.000	3	3	58	59
2022/07/11	07:18:00	0.000	3	3	58	59
2022/07/11	07:20:00	0.000	3	3	58	59
2022/07/11	07:22:00	0.000	3	3	58	59
2022/07/11	07:24:00	0.000	3	3	58	59
2022/07/11	07:26:00	0.000	3	3	58	59
2022/07/11	07:28:00	0.000	3	3	58	59
2022/07/11	07:30:00	0.000	3	3	58	59
2022/07/11	07:32:00	0.000	3	3	58	59
2022/07/11	07:34:00	0.000	3	3	58	59
2022/07/11	07:36:00	0.000	3	3	58	59
2022/07/11	07:38:00	0.000	3	3	58	59
2022/07/11	07:40:00	0.000	3	3	58	59
2022/07/11	07:42:00	0.000	3	3	59	59
2022/07/11	07:44:00	0.000	3	3	59	60
2022/07/11	07:46:00	0.000	3	3	58	60
2022/07/11	07:48:00	0.000	3	3	59	60
2022/07/11	07:50:00	0.000	3	3	60	60
2022/07/11	07:52:00	0.000	3	3	60	60
2022/07/11	07:54:00	0.000	3	3	60	60
2022/07/11	07:56:00	0.000	3	3	60	60
2022/07/11	07:58:00	0.000	3	3	60	60
2022/07/11	08:00:00	0.000	3	3	60	61
2022/07/11	08:02:00	0.000	3	3	60	61
2022/07/11	08:04:00	0.000	2	3	60	61
2022/07/11	08:06:00	0.000	3	3	60	61
2022/07/11	08:08:00	0.000	3	3	60	61
2022/07/11	08:10:00	0.000	3	3	60	61
2022/07/11	08:12:00	0.000	3	3	60	61
2022/07/11	08:14:00	0.000	3	3	60	61
2022/07/11	08:16:00	0.000	3	3	60	61
2022/07/11	08:18:00	0.000	3	3	60	61
2022/07/11	08:20:00	0.000	3	3	60	61
2022/07/11	08:22:00	0.000	3.000	3.000	61.000	61.000
2022/07/11	08:24:00	0.000	3	3	61	61
2022/07/11	08:26:00	0.000	3	3	61	62
2022/07/11	08:28:00	0.000	3	3	61	62
2022/07/11	08:30:00	0.000	3	3	61	62

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	08:32:00	0.000	3	3	62	62
2022/07/11	08:34:00	0.000	3	3	62	63
2022/07/11	08:36:00	0.000	3	3	62	63
2022/07/11	08:38:00	0.000	3	3	62	63
2022/07/11	08:40:00	0.000	3	3	63	63
2022/07/11	08:42:00	0.000	3	2105	63	64
2022/07/11	08:44:00	0.000	3	1993	64	66
2022/07/11	08:46:00	0.000	3	2151	66	66
2022/07/11	08:48:00	0.000	3.000	2109.000	66.000	93.000
2022/07/11	08:50:00	0.000	1541	1917	93	1841
2022/07/11	08:52:00	0.000	1509	1546	1487	1690
2022/07/11	08:54:00	0.000	1519	1571	1520	1564
2022/07/11	08:56:00	0.000	1540	1578	1549	1564
2022/07/11	08:58:00	0.000	1541	1581	1538	1563
2022/07/11	09:00:00	0.000	1530	1578	1563	1601
2022/07/11	09:02:00	0.000	1534	1560	1599	1615
2022/07/11	09:04:00	0.000	1519	1561	1570	1603
2022/07/11	09:06:00	0.000	1519	1555	1545	1577
2022/07/11	09:08:00	0.000	1534	1563	1577	1601
2022/07/11	09:10:00	0.000	1540	1574	1593	1607
2022/07/11	09:12:00	0.000	1505	1556	1601	1614
2022/07/11	09:14:00	0.000	1494	1534	1558	1601
2022/07/11	09:16:00	0.000	1519	1552	1545	1564
2022/07/11	09:18:00	0.000	1508	1552	1564	1583
2022/07/11	09:20:00	0.000	1494	1531	1563	1576
2022/07/11	09:22:00	0.000	1490	1523	1566	1581
2022/07/11	09:24:00	0.000	1476	1516	1564	1589
2022/07/11	09:26:00	0.000	1485	1514	1545	1582
2022/07/11	09:28:00	0.000	1490	1514	1582	1617
2022/07/11	09:30:00	0.000	1486	1516	1583	1614
2022/07/11	09:32:00	0.000	1481	1523	1570	1583
2022/07/11	09:34:00	0.000	1464	1497	1537	1579
2022/07/11	09:36:00	0.000	1454	1493	1534	1561
2022/07/11	09:38:00	0.000	1437	1480	1545	1577
2022/07/11	09:40:00	0.000	1449	1487	1577	1622
2022/07/11	09:42:00	0.000	1460	1491	1600	1623
2022/07/11	09:44:00	0.000	1462	1497	1602	1612
2022/07/11	09:46:00	0.000	1457	1501	1593	1615
2022/07/11	09:48:00	0.000	1474	1508	1582	1599
2022/07/11	09:50:00	0.000	1475	1507	1555	1582
2022/07/11	09:52:00	0.000	1472	1516	1555	1562
2022/07/11	09:54:00	0.000	1464	1518	1549	1569
2022/07/11	09:56:00	0.000	1461	1490	1554	1572
2022/07/11	09:58:00	0.000	1453	1482	1564	1578
2022/07/11	10:00:00	0.000	1441	1473	1572	1587
2022/07/11	10:02:00	0.000	1444	1478	1553	1585
2022/07/11	10:04:00	0.000	1457	1493	1561	1612
2022/07/11	10:06:00	0.000	1466	1493	1611	1621
2022/07/11	10:08:00	0.000	1478	1527	1608	1634
2022/07/11	10:10:00	0.000	1516	1679	1634	1676
2022/07/11	10:12:00	0.000	1567	1729	1570	1683
2022/07/11	10:14:00	0.000	1384	2250	1447	1838
2022/07/11	10:16:00	0.000	2	2438	1415	2031
2022/07/11	10:18:00	0.000	2	2532	907	1820
2022/07/11	10:20:00	0.000	2470	2507	1704	1915
2022/07/11	10:22:00	0.000	2500	2514	1696	1733
2022/07/11	10:24:00	0.000	2476	2509	1657	1696
2022/07/11	10:26:00	0.000	2475	2516	1658	1686
2022/07/11	10:28:00	0.000	2494	2584	1656	1735
2022/07/11	10:30:00	0.000	2496	2535	1714	1750
2022/07/11	10:32:00	0.000	2485	2520	1691	1722
2022/07/11	10:34:00	0.000	2493	2522	1698	1728
2022/07/11	10:36:00	0.000	2493	2519	1685	1717
2022/07/11	10:38:00	0.000	2487	2522	1685	1741

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	10:40:00	0.000	2492	2516	1679	1712
2022/07/11	10:42:00	0.000	2496	2519	1644	1703
2022/07/11	10:44:00	0.000	2483	2516	1668	1720
2022/07/11	10:46:00	0.000	2484	2516	1696	1729
2022/07/11	10:48:00	0.000	2490	2521	1692	1744
2022/07/11	10:50:00	0.000	2496	2515	1717	1747
2022/07/11	10:52:00	0.000	2493	2513	1702	1717
2022/07/11	10:54:00	0.000	2486	2512	1676	1714
2022/07/11	10:56:00	0.000	2483	2515	1684	1731
2022/07/11	10:58:00	0.000	2469	2514	1696	1739
2022/07/11	11:00:00	0.000	2433	2495	1679	1733
2022/07/11	11:02:00	0.000	2397	2438	1663	1696
2022/07/11	11:04:00	0.000	2391	2522	1639	1693
2022/07/11	11:06:00	0.000	2485	2526	1693	1733
2022/07/11	11:08:00	0.000	2379	2494	1684	1732
2022/07/11	11:10:00	0.000	2375	2443	1625	1684
2022/07/11	11:12:00	0.000	2427	2465	1624	1648
2022/07/11	11:14:00	0.000	2415	2460	1632	1675
2022/07/11	11:16:00	0.000	2367	2418	1591	1675
2022/07/11	11:18:00	0.000	2373	2402	1591	1644
2022/07/11	11:20:00	0.000	2388	2414	1603	1623
2022/07/11	11:22:00	0.000	2400	2440	1609	1663
2022/07/11	11:24:00	0.000	2414	2438	1624	1668
2022/07/11	11:26:00	0.000	2380	2431	1627	1655
2022/07/11	11:28:00	0.000	2356	2403	1585	1631
2022/07/11	11:30:00	0.000	2378	2423	1583	1603
2022/07/11	11:32:00	0.000	2409	2431	1597	1649
2022/07/11	11:34:00	0.000	2368	2433	1609	1648
2022/07/11	11:36:00	0.000	2374	2393	1603	1618
2022/07/11	11:38:00	0.000	2371	2402	1581	1617
2022/07/11	11:40:00	0.000	2384	2524	1617	1694
2022/07/11	11:42:00	0.000	2346	2530	1663	1709
2022/07/11	11:44:00	0.000	2263	2480	1560	1663
2022/07/11	11:46:00	0.000	2479	2533	1607	1685
2022/07/11	11:48:00	0.000	2356	2522	1674	1699
2022/07/11	11:50:00	0.000	2218	2363	1556	1674
2022/07/11	11:52:00	0.000	2190	2240	1481	1556
2022/07/11	11:54:00	0.000	2179	2210	1475	1531
2022/07/11	11:56:00	0.000	2177	2212	1531	1588
2022/07/11	11:58:00	0.000	2174	2221	1585	1603
2022/07/11	12:00:00	0.000	2167	2210	1594	1625
2022/07/11	12:02:00	0.000	2136	2194	1558	1617
2022/07/11	12:04:00	0.000	2064	2152	1527	1558
2022/07/11	12:06:00	0.000	2055	2084	1531	1586
2022/07/11	12:08:00	0.000	2023	2081	1566	1600
2022/07/11	12:10:00	0.000	1034	2048	1395	1566
2022/07/11	12:12:00	0.000	1729	1868	1395	1714
2022/07/11	12:14:00	0.000	1861	1888	1627	1754
2022/07/11	12:16:00	0.000	1871	1932	1540	1627
2022/07/11	12:18:00	0.000	1840	1919	1525	1542
2022/07/11	12:20:00	0.000	1846	2084	1526	1703
2022/07/11	12:22:00	0.000	2081	2231	1636	1708
2022/07/11	12:24:00	0.000	2221	2258	1580	1641
2022/07/11	12:26:00	0.000	2173	2252	1569	1596
2022/07/11	12:28:00	0.000	2151	2179	1528	1569
2022/07/11	12:30:00	0.000	2123	2167	1541	1591
2022/07/11	12:32:00	0.000	2043	2126	1510	1588
2022/07/11	12:34:00	0.000	1977	2051	1499	1564
2022/07/11	12:36:00	0.000	1961.000	1990.000	1543.000	1570.000
2022/07/11	12:38:00	0.000	1947	1974	1570	1591
2022/07/11	12:40:00	0.000	1922	1973	1553	1588
2022/07/11	12:42:00	0.000	1859	1942	1539	1564
2022/07/11	12:44:00	0.000	1711	1864	1486	1539
2022/07/11	12:46:00	0.000	1682	1737	1486	1567

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	12:48:00	0.000	1684	1753	1564	1619
2022/07/11	12:50:00	0.000	1741	1761	1615	1642
2022/07/11	12:52:00	0.000	1718	1757	1588	1615
2022/07/11	12:54:00	0.000	1710	1737	1560	1588
2022/07/11	12:56:00	0.000	1681	1730	1548	1566
2022/07/11	12:58:00	0.000	1661	1707	1534	1548
2022/07/11	13:00:00	0.000	1638	1680	1536	1566
2022/07/11	13:02:00	0.000	1539	1644	1530	1553
2022/07/11	13:04:00	0.000	1470	1543	1504	1534
2022/07/11	13:06:00	0.000	1438	1489	1510	1550
2022/07/11	13:08:00	0.000	1426	1463	1516	1556
2022/07/11	13:10:00	0.000	1437	1475	1542	1595
2022/07/11	13:12:00	0.000	1423	1468	1595	1615
2022/07/11	13:14:00	0.000	1412	1451	1593	1607
2022/07/11	13:16:00	0.000	1390	1437	1563	1594
2022/07/11	13:18:00	0.000	1371	1413	1543	1563
2022/07/11	13:20:00	0.000	1354	1403	1543	1551
2022/07/11	13:22:00	0.000	1334	1375	1548	1550
2022/07/11	13:24:00	0.000	1336	1383	1550	1566
2022/07/11	13:26:00	0.000	1347	1383	1566	1592
2022/07/11	13:28:00	0.000	1363	1402	1586	1610
2022/07/11	13:30:00	0.000	1374	1421	1610	1626
2022/07/11	13:32:00	0.000	1392	1437	1609	1630
2022/07/11	13:34:00	0.000	1405	1442	1604	1623
2022/07/11	13:36:00	0.000	1423	1455	1604	1617
2022/07/11	13:38:00	0.000	1426	1466	1583	1620
2022/07/11	13:40:00	0.000	1400	1454	1558	1583
2022/07/11	13:42:00	0.000	1401	1439	1553	1563
2022/07/11	13:44:00	0.000	1373	1419	1529	1555
2022/07/11	13:46:00	0.000	1374	1421	1544	1567
2022/07/11	13:48:00	0.000	1402	1442	1567	1605
2022/07/11	13:50:00	0.000	1403	1443	1597	1613
2022/07/11	13:52:00	0.000	1413	1453	1599	1624
2022/07/11	13:54:00	0.000	1415	1458	1580	1607
2022/07/11	13:56:00	0.000	1427	1459	1585	1604
2022/07/11	13:58:00	0.000	1426	1453	1586	1604
2022/07/11	14:00:00	0.000	1429	1468	1576	1589
2022/07/11	14:02:00	0.000	1426	1469	1576	1587
2022/07/11	14:04:00	0.000	1428	1466	1576	1591
2022/07/11	14:06:00	0.000	1421	1464	1568	1590
2022/07/11	14:08:00	0.000	1414	1453	1574	1589
2022/07/11	14:10:00	0.000	1416	1448	1561	1574
2022/07/11	14:12:00	0.000	1420	1455	1568	1576
2022/07/11	14:14:00	0.000	1424.000	1449.000	1564.000	1570.000
2022/07/11	14:16:00	0.000	1420	1456	1567	1585
2022/07/11	14:18:00	0.000	1416	1460	1571	1598
2022/07/11	14:20:00	0.000	1431	1475	1595	1615
2022/07/11	14:22:00	0.000	1435	1464	1607	1620
2022/07/11	14:24:00	0.000	1419	1456	1578	1607
2022/07/11	14:26:00	0.000	1409	1440	1551	1578
2022/07/11	14:28:00	0.000	1410	1444	1552	1571
2022/07/11	14:30:00	0.000	1402	1438	1561	1570
2022/07/11	14:32:00	0.000	1381	1426	1548	1564
2022/07/11	14:34:00	0.000	1383	1421	1547	1577
2022/07/11	14:36:00	0.000	1376	1415	1572	1580
2022/07/11	14:38:00	0.000	1377	1415	1572	1593
2022/07/11	14:40:00	0.000	1404	1449	1593	1628
2022/07/11	14:42:00	0.000	1429	1460	1628	1639
2022/07/11	14:44:00	0.000	1435	1477	1618	1634
2022/07/11	14:46:00	0.000	1458	1496	1588	1621
2022/07/11	14:48:00	0.000	1468	1504	1595	1612
2022/07/11	14:50:00	0.000	1447	1495	1565	1595
2022/07/11	14:52:00	0.000	1443	1481	1545	1565
2022/07/11	14:54:00	0.000	1423	1464	1539	1558

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	14:56:00	0.000	1426	1462	1547	1574
2022/07/11	14:58:00	0.000	1431	1468	1561	1578
2022/07/11	15:00:00	0.000	1421	1464	1569	1590
2022/07/11	15:02:00	0.000	1424	1475	1586	1597
2022/07/11	15:04:00	0.000	1441	1482	1596	1614
2022/07/11	15:06:00	0.000	1449	1486	1580	1617
2022/07/11	15:08:00	0.000	1446	1482	1570	1580
2022/07/11	15:10:00	0.000	1463	1497	1574	1612
2022/07/11	15:12:00	0.000	1430	1485	1545	1611
2022/07/11	15:14:00	0.000	1407	1449	1504	1545
2022/07/11	15:16:00	0.000	1421	1473	1518	1628
2022/07/11	15:18:00	0.000	1445	1486	1628	1643
2022/07/11	15:20:00	0.000	1463	1493	1596	1636
2022/07/11	15:22:00	0.000	1463	1490	1568	1596
2022/07/11	15:24:00	0.000	1462	1489	1558	1572
2022/07/11	15:26:00	0.000	1447	1479	1553	1562
2022/07/11	15:28:00	0.000	1438	1467	1557	1566
2022/07/11	15:30:00	0.000	1433	1470	1565	1593
2022/07/11	15:32:00	0.000	1427	1466	1592	1599
2022/07/11	15:34:00	0.000	1397	1449	1566	1592
2022/07/11	15:36:00	0.000	1400	1437	1547	1576
2022/07/11	15:38:00	0.000	1405	1435	1568	1577
2022/07/11	15:40:00	0.000	1388	1434	1565	1578
2022/07/11	15:42:00	0.000	1391	1422	1561	1572
2022/07/11	15:44:00	0.000	1385	1421	1561	1579
2022/07/11	15:46:00	0.000	1381	1419	1578	1591
2022/07/11	15:48:00	0.000	1370	1414	1582	1589
2022/07/11	15:50:00	0.000	1382	1420	1580	1597
2022/07/11	15:52:00	0.000	1395	1427	1597	1604
2022/07/11	15:54:00	0.000	1398	1427	1593	1615
2022/07/11	15:56:00	0.000	1406	1440	1593	1609
2022/07/11	15:58:00	0.000	1409	1449	1591	1601
2022/07/11	16:00:00	0.000	1418	1454	1591	1601
2022/07/11	16:02:00	0.000	1417	1457	1586	1602
2022/07/11	16:04:00	0.000	1426	1457	1580	1587
2022/07/11	16:06:00	0.000	1424	1457	1582	1588
2022/07/11	16:08:00	0.000	1429	1460	1580	1599
2022/07/11	16:10:00	0.000	1414	1464	1545	1580
2022/07/11	16:12:00	0.000	1403	1438	1530	1563
2022/07/11	16:14:00	0.000	1383	1428	1563	1571
2022/07/11	16:16:00	0.000	1398	1441	1555	1565
2022/07/11	16:18:00	0.000	1416	1455	1560	1612
2022/07/11	16:20:00	0.000	1430	1461	1612	1634
2022/07/11	16:22:00	0.000	1427	1460	1614	1623
2022/07/11	16:24:00	0.000	1413	1460	1560	1620
2022/07/11	16:26:00	0.000	1410	1442	1550	1560
2022/07/11	16:28:00	0.000	1381	1427	1543	1558
2022/07/11	16:30:00	0.000	1387	1422	1553	1566
2022/07/11	16:32:00	0.000	1391	1433	1566	1588
2022/07/11	16:34:00	0.000	1393	1438	1588	1601
2022/07/11	16:36:00	0.000	1394	1435	1598	1603
2022/07/11	16:38:00	0.000	1413	1443	1601	1615
2022/07/11	16:40:00	0.000	1424	1457	1601	1608
2022/07/11	16:42:00	0.000	1402	1442	1584	1601
2022/07/11	16:44:00	0.000	1372	1420	1534	1584
2022/07/11	16:46:00	0.000	1339	1388	1526	1534
2022/07/11	16:48:00	0.000	1292	1355	1524	1535
2022/07/11	16:50:00	0.000	1306	1352	1534	1561
2022/07/11	16:52:00	0.000	1311	1361	1558	1582
2022/07/11	16:54:00	0.000	1322	1365	1573	1589
2022/07/11	16:56:00	0.000	1325	1368	1580	1595
2022/07/11	16:58:00	0.000	1336	1371	1594	1599
2022/07/11	17:00:00	0.000	1347	1394	1599	1630
2022/07/11	17:02:00	0.000	1369	1405	1619	1631

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/11	17:04:00	0.000	1361	1415	1594	1620	
2022/07/11	17:06:00	0.000	1370	1408	1579	1594	
2022/07/11	17:08:00	0.000	1360	1405	1574	1583	
2022/07/11	17:10:00	0.000	1348	1392	1551	1574	
2022/07/11	17:12:00	0.000	1365	1407	1550	1576	
2022/07/11	17:14:00	0.000	1362	1416	1572	1583	
2022/07/11	17:16:00	0.000	1394	1429	1583	1611	
2022/07/11	17:18:00	0.000	1354	1426	1589	1615	
2022/07/11	17:20:00	0.000	1332	1379	1535	1589	
2022/07/11	17:22:00	0.000	1321	1380	1535	1544	
2022/07/11	17:24:00	0.000	1337	1397	1542	1569	
2022/07/11	17:26:00	0.000	1372	1402	1569	1607	
2022/07/11	17:28:00	0.000	1376	1410	1607	1615	
2022/07/11	17:30:00	0.000	1366	1406	1585	1618	
2022/07/11	17:32:00	0.000	1358	1392	1574	1585	
2022/07/11	17:34:00	0.000	1342	1386	1548	1574	
2022/07/11	17:36:00	0.000	1325	1372	1543	1550	
2022/07/11	17:38:00	0.000	1334	1368	1550	1561	
2022/07/11	17:40:00	0.000	1343	1381	1561	1585	
2022/07/11	17:42:00	0.000	1355	1388	1585	1607	
2022/07/11	17:44:00	0.000	1337	1390	1593	1615	
2022/07/11	17:46:00	0.000	1343	1386	1590	1599	
2022/07/11	17:48:00	0.000	1360	1411	1596	1605	
2022/07/11	17:50:00	0.000	1372	1420	1594	1605	
2022/07/11	17:52:00	0.000	1361	1406	1580	1605	
2022/07/11	17:54:00	0.000	1340	1379	1541	1580	
2022/07/11	17:56:00	0.000	1320	1364	1521	1541	
2022/07/11	17:58:00	0.000	1305	1340	1527	1551	
2022/07/11	18:00:00	0.000	1297	1344	1537	1553	
2022/07/11	18:02:00	0.000	1294	1334	1548	1563	
2022/07/11	18:04:00	0.000	1257	1318	1545	1563	
2022/07/11	18:06:00	0.000	1279	1321	1550	1574	
2022/07/11	18:08:00	0.000	1269	1330	1567	1584	
2022/07/11	18:10:00	0.000	1284	1339	1573	1584	
2022/07/11	18:12:00	0.000	1289	1339	1574	1598	
2022/07/11	18:14:00	0.000	1295	1361	1589	1639	
2022/07/11	18:16:00	0.000	1317	1380	1633	1651	
2022/07/11	18:18:00	0.000	1353	1387	1625	1648	
2022/07/11	18:20:00	0.000	1354	1387	1610	1625	
2022/07/11	18:22:00	0.000	1358	1398	1598	1610	
2022/07/11	18:24:00	0.000	1367	1399	1592	1600	
2022/07/11	18:26:00	0.000	1321	1407	1577	1601	
2022/07/11	18:28:00	0.000	1317	1366	1539	1577	
2022/07/11	18:30:00	0.000	1302	1368	1534	1547	
2022/07/11	18:32:00	0.000	1325	1365	1547	1582	
2022/07/11	18:34:00	0.000	1331	1370	1578	1601	
2022/07/11	18:36:00	0.000	1323	1365	1585	1601	
2022/07/11	18:38:00	0.000	1330	1372	1584	1603	
2022/07/11	18:40:00	0.000	1325	1376	1596	1603	
2022/07/11	18:42:00	0.000	1349	1384	1592	1603	
2022/07/11	18:44:00	0.000	1347	1383	1584	1603	
2022/07/11	18:46:00	0.000	1349	1377	1576	1584	
2022/07/11	18:48:00	0.000	1313	1376	1545	1582	
2022/07/11	18:50:00	0.000	1300	1359	1540	1551	
2022/07/11	18:52:00	0.000	1304	1347	1547	1566	
2022/07/11	18:54:00	0.000	1295	1361	1555	1576	
2022/07/11	18:56:00	0.000	1336	1381	1576	1625	
2022/07/11	18:58:00	0.000	1332	1370	1602	1629	
2022/07/11	19:00:00	0.000	1330	1370	1592	1609	
2022/07/11	19:02:00	0.000	1302	1364	1558	1593	
2022/07/11	19:04:00	0.000	1279	1323	1520	1558	
2022/07/11	19:06:00	0.000	1235	1310	1522	1531	
2022/07/11	19:08:00	0.000	460	1824	1519	1621	
2022/07/11	19:10:00	0.000	2	1761	957	1646	

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag		1		1
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	19:12:00	0.000	2	3	550	957
2022/07/11	19:14:00	0.000	2	3	390	550
2022/07/11	19:16:00	0.000	2	3	308	390
2022/07/11	19:18:00	0.000	2	3	255	308
2022/07/11	19:20:00	0.000	2	3	219	255
2022/07/11	19:22:00	0.000	2	3	196	219
2022/07/11	19:24:00	0.000	2	3	178	196
2022/07/11	19:26:00	0.000	2	3	164	178
2022/07/11	19:28:00	0.000	2	3	154	164
2022/07/11	19:30:00	0.000	2	3	145	154
2022/07/11	19:32:00	0.000	2	3	138	145
2022/07/11	19:34:00	0.000	2	3	131	138
2022/07/11	19:36:00	0.000	2	3	128	131
2022/07/11	19:38:00	0.000	2	3	122	128
2022/07/11	19:40:00	0.000	2	3	119	122
2022/07/11	19:42:00	0.000	2	3	114	119
2022/07/11	19:44:00	0.000	2	3	113	114
2022/07/11	19:46:00	0.000	2	3	111	113
2022/07/11	19:48:00	0.000	2	3	109	111
2022/07/11	19:50:00	0.000	2	3	106	109
2022/07/11	19:52:00	0.000	2	3	103	106
2022/07/11	19:54:00	0.000	2	3	103	104
2022/07/11	19:56:00	0.000	2	3	101	104
2022/07/11	19:58:00	0.000	2	3	99	102
2022/07/11	20:00:00	0.000	2	3	97	99
2022/07/11	20:02:00	0.000	2	3	95	97
2022/07/11	20:04:00	0.000	2	3	93	96
2022/07/11	20:06:00	0.000	2	3	92	94
2022/07/11	20:08:00	0.000	2	3	91	92
2022/07/11	20:10:00	0.000	2	3	90	91
2022/07/11	20:12:00	0.000	2	3	89	90
2022/07/11	20:14:00	0.000	2	3	88	89
2022/07/11	20:16:00	0.000	2	3	87	88
2022/07/11	20:18:00	0.000	2	3	86	87
2022/07/11	20:20:00	0.000	2	3	85	86
2022/07/11	20:22:00	0.000	2	3	85	86
2022/07/11	20:24:00	0.000	2	3	84	85
2022/07/11	20:26:00	0.000	3	3	83	84
2022/07/11	20:28:00	0.000	2	3	83	83
2022/07/11	20:30:00	0.000	3	3	82	83
2022/07/11	20:32:00	0.000	3	3	81	83
2022/07/11	20:34:00	0.000	3	3	81	82
2022/07/11	20:36:00	0.000	2	3	79	81
2022/07/11	20:38:00	0.000	2	3	79	80
2022/07/11	20:40:00	0.000	2	3	79	79
2022/07/11	20:42:00	0.000	3	3	79	79
2022/07/11	20:44:00	0.000	2	3	78	79
2022/07/11	20:46:00	0.000	2	3	77	78
2022/07/11	20:48:00	0.000	2	3	77	78
2022/07/11	20:50:00	0.000	3	3	77	77
2022/07/11	20:52:00	0.000	3	3	76	77
2022/07/11	20:54:00	0.000	2	3	76	76
2022/07/11	20:56:00	0.000	3	3	75	76
2022/07/11	20:58:00	0.000	2	3	75	75
2022/07/11	21:00:00	0.000	3	3	75	75
2022/07/11	21:02:00	0.000	2	3	74	75
2022/07/11	21:04:00	0.000	3	3	74	75
2022/07/11	21:06:00	0.000	3	3	74	74
2022/07/11	21:08:00	0.000	2	3	74	74
2022/07/11	21:10:00	0.000	3	3	73	74
2022/07/11	21:12:00	0.000	2	3	73	73
2022/07/11	21:14:00	0.000	3	3	73	73
2022/07/11	21:16:00	0.000	3	3	73	73
2022/07/11	21:18:00	0.000	3	3	72	73

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	21:20:00	0.000	2	3	71	72
2022/07/11	21:22:00	0.000	2	3	71	72
2022/07/11	21:24:00	0.000	3	3	71	72
2022/07/11	21:26:00	0.000	2	3	71	71
2022/07/11	21:28:00	0.000	2	3	71	71
2022/07/11	21:30:00	0.000	3	3	71	71
2022/07/11	21:32:00	0.000	2	3	71	71
2022/07/11	21:34:00	0.000	3	3	71	71
2022/07/11	21:36:00	0.000	3	3	70	71
2022/07/11	21:38:00	0.000	3	3	70	70
2022/07/11	21:40:00	0.000	3	3	70	70
2022/07/11	21:42:00	0.000	3	3	70	70
2022/07/11	21:44:00	0.000	3	3	69	70
2022/07/11	21:46:00	0.000	3	3	69	70
2022/07/11	21:48:00	0.000	3	3	69	70
2022/07/11	21:50:00	0.000	3	3	68	70
2022/07/11	21:52:00	0.000	3	3	68	69
2022/07/11	21:54:00	0.000	2	3	68	69
2022/07/11	21:56:00	0.000	3	3	68	69
2022/07/11	21:58:00	0.000	3	3	68	69
2022/07/11	22:00:00	0.000	3	3	68	69
2022/07/11	22:02:00	0.000	2	3	68	69
2022/07/11	22:04:00	0.000	2	3	68	69
2022/07/11	22:06:00	0.000	3	3	68	69
2022/07/11	22:08:00	0.000	3	3	68	68
2022/07/11	22:10:00	0.000	3	3	68	68
2022/07/11	22:12:00	0.000	3	3	67	68
2022/07/11	22:14:00	0.000	2	3	67	68
2022/07/11	22:16:00	0.000	3	3	67	67
2022/07/11	22:18:00	0.000	3	3	67	67
2022/07/11	22:20:00	0.000	3	3	66	67
2022/07/11	22:22:00	0.000	3	3	66	67
2022/07/11	22:24:00	0.000	3	3	66	67
2022/07/11	22:26:00	0.000	3	3	66	67
2022/07/11	22:28:00	0.000	3	3	66	67
2022/07/11	22:30:00	0.000	3	3	66	67
2022/07/11	22:32:00	0.000	3	3	66	67
2022/07/11	22:34:00	0.000	2	3	66	67
2022/07/11	22:36:00	0.000	3	3	66	66
2022/07/11	22:38:00	0.000	3	3	66	66
2022/07/11	22:40:00	0.000	3	3	66	66
2022/07/11	22:42:00	0.000	3	3	66	66
2022/07/11	22:44:00	0.000	2	3	66	66
2022/07/11	22:46:00	0.000	2	3	66	66
2022/07/11	22:48:00	0.000	3	3	66	66
2022/07/11	22:50:00	0.000	3	3	66	66
2022/07/11	22:52:00	0.000	3	3	65	66
2022/07/11	22:54:00	0.000	3	3	65	66
2022/07/11	22:56:00	0.000	2	3	65	66
2022/07/11	22:58:00	0.000	3	3	65	66
2022/07/11	23:00:00	0.000	3	3	65	66
2022/07/11	23:02:00	0.000	3	3	65	65
2022/07/11	23:04:00	0.000	3	3	65	65
2022/07/11	23:06:00	0.000	3	3	65	65
2022/07/11	23:08:00	0.000	3	3	65	65
2022/07/11	23:10:00	0.000	3	3	65	65
2022/07/11	23:12:00	0.000	3	3	65	65
2022/07/11	23:14:00	0.000	3	3	64	65
2022/07/11	23:16:00	0.000	3	3	65	65
2022/07/11	23:18:00	0.000	3	3	65	65
2022/07/11	23:20:00	0.000	3	3	65	65
2022/07/11	23:22:00	0.000	3	3	64	65
2022/07/11	23:24:00	0.000	3	3	64	65
2022/07/11	23:26:00	0.000	3	3	64	65

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	23:28:00	0.000	3	3	64	65
2022/07/11	23:30:00	0.000	2	3	64	65
2022/07/11	23:32:00	0.000	3	3	64	65
2022/07/11	23:34:00	0.000	3	3	64	65
2022/07/11	23:36:00	0.000	3	3	64	65
2022/07/11	23:38:00	0.000	2	3	64	64
2022/07/11	23:40:00	0.000	3	3	63	65
2022/07/11	23:42:00	0.000	3	3	63	64
2022/07/11	23:44:00	0.000	3	3	63	64
2022/07/11	23:46:00	0.000	3	3	63	64
2022/07/11	23:48:00	0.000	3	3	63	64
2022/07/11	23:50:00	0.000	3	3	63	63
2022/07/11	23:52:00	0.000	3	3	63	64
2022/07/11	23:54:00	0.000	3	3	63	63
2022/07/11	23:56:00	0.000	3	3	63	63
2022/07/11	23:58:00	0.000	3	3	63	63

Average	690	736	718	740
Min	2	3	58	59
Max	2500	2584	1717	2031

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	00:00:00	0.000	3	3	63	63
2022/07/12	00:02:00	0.000	3	3	63	63
2022/07/12	00:04:00	0.000	2	3	63	63
2022/07/12	00:06:00	0.000	3	3	63	63
2022/07/12	00:08:00	0.000	3	3	63	63
2022/07/12	00:10:00	0.000	3	3	63	63
2022/07/12	00:12:00	0.000	3	3	63	63
2022/07/12	00:14:00	0.000	2	3	63	63
2022/07/12	00:16:00	0.000	3	3	63	63
2022/07/12	00:18:00	0.000	3	3	63	63
2022/07/12	00:20:00	0.000	3	3	63	63
2022/07/12	00:22:00	0.000	3	3	63	63
2022/07/12	00:24:00	0.000	2	3	63	63
2022/07/12	00:26:00	0.000	3	3	63	63
2022/07/12	00:28:00	0.000	3	3	63	63
2022/07/12	00:30:00	0.000	3	3	62	63
2022/07/12	00:32:00	0.000	3	3	63	63
2022/07/12	00:34:00	0.000	3	3	63	63
2022/07/12	00:36:00	0.000	3	3	63	63
2022/07/12	00:38:00	0.000	3	3	63	63
2022/07/12	00:40:00	0.000	3	3	62	63
2022/07/12	00:42:00	0.000	3	3	62	63
2022/07/12	00:44:00	0.000	3	3	63	63
2022/07/12	00:46:00	0.000	3	3	62	63
2022/07/12	00:48:00	0.000	3	3	62	62
2022/07/12	00:50:00	0.000	3	3	62	62
2022/07/12	00:52:00	0.000	3	3	62	62
2022/07/12	00:54:00	0.000	3	3	62	62
2022/07/12	00:56:00	0.000	3	3	62	62
2022/07/12	00:58:00	0.000	3	3	62	62
2022/07/12	01:00:00	0.000	3	3	62	62
2022/07/12	01:02:00	0.000	3	3	62	62
2022/07/12	01:04:00	0.000	2	3	61	62
2022/07/12	01:06:00	0.000	3	3	61	62
2022/07/12	01:08:00	0.000	3	3	61	62
2022/07/12	01:10:00	0.000	3	3	61	62
2022/07/12	01:12:00	0.000	3	3	62	62
2022/07/12	01:14:00	0.000	2	3	62	62
2022/07/12	01:16:00	0.000	3	3	62	62
2022/07/12	01:18:00	0.000	3	3	62	62
2022/07/12	01:20:00	0.000	3	3	61	62
2022/07/12	01:22:00	0.000	3	3	61	62
2022/07/12	01:24:00	0.000	3	3	61	62
2022/07/12	01:26:00	0.000	2	3	61	62
2022/07/12	01:28:00	0.000	3	3	61	62
2022/07/12	01:30:00	0.000	3	3	61	62
2022/07/12	01:32:00	0.000	3	3	61	61
2022/07/12	01:34:00	0.000	3	3	61	61
2022/07/12	01:36:00	0.000	3	3	61	61
2022/07/12	01:38:00	0.000	2	3	61	62
2022/07/12	01:40:00	0.000	3	3	61	61
2022/07/12	01:42:00	0.000	3	3	61	61
2022/07/12	01:44:00	0.000	2	3	61	62
2022/07/12	01:46:00	0.000	3	3	61	62
2022/07/12	01:48:00	0.000	3	3	61	62
2022/07/12	01:50:00	0.000	3	3	61	61
2022/07/12	01:52:00	0.000	3	3	61	61
2022/07/12	01:54:00	0.000	3	3	61	61
2022/07/12	01:56:00	0.000	3	3	61	61
2022/07/12	01:58:00	0.000	3	3	61	61
2022/07/12	02:00:00	0.000	3	3	61	61
2022/07/12	02:02:00	0.000	3	3	61	61
2022/07/12	02:04:00	0.000	3	3	61	61
2022/07/12	02:06:00	0.000	3	3	61	61

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	02:08:00	0.000	3	3	61	61
2022/07/12	02:10:00	0.000	3	3	61	61
2022/07/12	02:12:00	0.000	3	3	60	61
2022/07/12	02:14:00	0.000	3	3	60	61
2022/07/12	02:16:00	0.000	3	3	60	61
2022/07/12	02:18:00	0.000	3	3	60	61
2022/07/12	02:20:00	0.000	3	3	60	61
2022/07/12	02:22:00	0.000	3	3	60	61
2022/07/12	02:24:00	0.000	3	3	60	61
2022/07/12	02:26:00	0.000	3	3	60	61
2022/07/12	02:28:00	0.000	3	3	60	61
2022/07/12	02:30:00	0.000	3	3	60	61
2022/07/12	02:32:00	0.000	2	3	60	61
2022/07/12	02:34:00	0.000	3	3	60	61
2022/07/12	02:36:00	0.000	3	3	60	61
2022/07/12	02:38:00	0.000	3	3	60	61
2022/07/12	02:40:00	0.000	3	3	60	61
2022/07/12	02:42:00	0.000	3	3	60	61
2022/07/12	02:44:00	0.000	3	3	60	61
2022/07/12	02:46:00	0.000	3	3	60	61
2022/07/12	02:48:00	0.000	3	3	60	61
2022/07/12	02:50:00	0.000	3	3	60	61
2022/07/12	02:52:00	0.000	3	3	60	61
2022/07/12	02:54:00	0.000	2	3	60	61
2022/07/12	02:56:00	0.000	3	3	60	61
2022/07/12	02:58:00	0.000	3	3	60	61
2022/07/12	03:00:00	0.000	3	3	60	61
2022/07/12	03:02:00	0.000	3	3	60	61
2022/07/12	03:04:00	0.000	3	3	60	61
2022/07/12	03:06:00	0.000	2	3	60	61
2022/07/12	03:08:00	0.000	3	3	60	61
2022/07/12	03:10:00	0.000	3	3	60	61
2022/07/12	03:12:00	0.000	2	3	60	61
2022/07/12	03:14:00	0.000	2	3	60	61
2022/07/12	03:16:00	0.000	3	3	60	61
2022/07/12	03:18:00	0.000	3	3	60	61
2022/07/12	03:20:00	0.000	3	3	60	61
2022/07/12	03:22:00	0.000	3	3	60	61
2022/07/12	03:24:00	0.000	3	3	60	61
2022/07/12	03:26:00	0.000	3	3	60	61
2022/07/12	03:28:00	0.000	3	3	60	61
2022/07/12	03:30:00	0.000	3	3	60	61
2022/07/12	03:32:00	0.000	3	3	60	61
2022/07/12	03:34:00	0.000	3	3	60	61
2022/07/12	03:36:00	0.000	3	3	60	60
2022/07/12	03:38:00	0.000	3	3	60	60
2022/07/12	03:40:00	0.000	3	3	60	60
2022/07/12	03:42:00	0.000	3	3	60	60
2022/07/12	03:44:00	0.000	3	3	60	60
2022/07/12	03:46:00	0.000	3	3	60	60
2022/07/12	03:48:00	0.000	3	3	60	60
2022/07/12	03:50:00	0.000	3	3	60	60
2022/07/12	03:52:00	0.000	3	3	60	60
2022/07/12	03:54:00	0.000	3	3	60	60
2022/07/12	03:56:00	0.000	3	3	60	60
2022/07/12	03:58:00	0.000	3	3	60	60
2022/07/12	04:00:00	0.000	3	3	60	60
2022/07/12	04:02:00	0.000	3	3	60	60
2022/07/12	04:04:00	0.000	3	3	59	60
2022/07/12	04:06:00	0.000	3	3	59	60
2022/07/12	04:08:00	0.000	3	3	59	60
2022/07/12	04:10:00	0.000	3	3	59	60
2022/07/12	04:12:00	0.000	3	3	59	60
2022/07/12	04:14:00	0.000	3	3	59	60

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	04:16:00	0.000	3	3	59	60
2022/07/12	04:18:00	0.000	3	3	59	60
2022/07/12	04:20:00	0.000	3	3	60	60
2022/07/12	04:22:00	0.000	3	3	59	60
2022/07/12	04:24:00	0.000	3	3	59	60
2022/07/12	04:26:00	0.000	3	3	59	60
2022/07/12	04:28:00	0.000	3	3	59	60
2022/07/12	04:30:00	0.000	3	3	60	60
2022/07/12	04:32:00	0.000	3	3	60	60
2022/07/12	04:34:00	0.000	3	3	60	60
2022/07/12	04:36:00	0.000	3	3	60	60
2022/07/12	04:38:00	0.000	2	3	60	60
2022/07/12	04:40:00	0.000	3	3	60	60
2022/07/12	04:42:00	0.000	3	3	60	60
2022/07/12	04:44:00	0.000	3	3	60	61
2022/07/12	04:46:00	0.000	3	3	59	60
2022/07/12	04:48:00	0.000	3	3	59	60
2022/07/12	04:50:00	0.000	3	3	60	60
2022/07/12	04:52:00	0.000	3	3	60	60
2022/07/12	04:54:00	0.000	3	3	60	60
2022/07/12	04:56:00	0.000	3	3	60	60
2022/07/12	04:58:00	0.000	3	3	60	60
2022/07/12	05:00:00	0.000	3	3	60	60
2022/07/12	05:02:00	0.000	3	3	60	60
2022/07/12	05:04:00	0.000	3	3	60	60
2022/07/12	05:06:00	0.000	3	3	60	60
2022/07/12	05:08:00	0.000	3	3	60	60
2022/07/12	05:10:00	0.000	3	3	59	60
2022/07/12	05:12:00	0.000	3	3	59	60
2022/07/12	05:14:00	0.000	3	3	60	60
2022/07/12	05:16:00	0.000	3	3	60	60
2022/07/12	05:18:00	0.000	3	3	60	60
2022/07/12	05:20:00	0.000	3	3	60	60
2022/07/12	05:22:00	0.000	3	3	60	60
2022/07/12	05:24:00	0.000	3	3	60	60
2022/07/12	05:26:00	0.000	3	3	59	60
2022/07/12	05:28:00	0.000	3	3	59	60
2022/07/12	05:30:00	0.000	3	3	60	60
2022/07/12	05:32:00	0.000	3	3	60	60
2022/07/12	05:34:00	0.000	3	3	60	60
2022/07/12	05:36:00	0.000	3	3	60	60
2022/07/12	05:38:00	0.000	3	3	60	60
2022/07/12	05:40:00	0.000	3	3	60	60
2022/07/12	05:42:00	0.000	3	3	60	60
2022/07/12	05:44:00	0.000	2	3	60	60
2022/07/12	05:46:00	0.000	2	3	60	60
2022/07/12	05:48:00	0.000	3	3	59	60
2022/07/12	05:50:00	0.000	3	3	60	60
2022/07/12	05:52:00	0.000	3	3	60	60
2022/07/12	05:54:00	0.000	3	3	60	60
2022/07/12	05:56:00	0.000	3	3	60	60
2022/07/12	05:58:00	0.000	3	3	60	60
2022/07/12	06:00:00	0.000	3	3	60	60
2022/07/12	06:02:00	0.000	3	3	60	60
2022/07/12	06:04:00	0.000	3	3	60	60
2022/07/12	06:06:00	0.000	3	3	60	60
2022/07/12	06:08:00	0.000	3	3	60	60
2022/07/12	06:10:00	0.000	3	3	60	60
2022/07/12	06:12:00	0.000	3	3	60	60
2022/07/12	06:14:00	0.000	3	3	60	60
2022/07/12	06:16:00	0.000	3	3	60	60
2022/07/12	06:18:00	0.000	3	3	60	60
2022/07/12	06:20:00	0.000	3	3	60	60
2022/07/12	06:22:00	0.000	3	3	59	60

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	06:24:00	0.000	3	3	59	60
2022/07/12	06:26:00	0.000	3	3	60	60
2022/07/12	06:28:00	0.000	3	3	60	60
2022/07/12	06:30:00	0.000	3	3	60	60
2022/07/12	06:32:00	0.000	3	3	60	60
2022/07/12	06:34:00	0.000	3	3	60	60
2022/07/12	06:36:00	0.000	3	3	60	60
2022/07/12	06:38:00	0.000	3	3	59	60
2022/07/12	06:40:00	0.000	3	3	60	60
2022/07/12	06:42:00	0.000	3	3	60	60
2022/07/12	06:44:00	0.000	3	3	59	60
2022/07/12	06:46:00	0.000	3	3	59	60
2022/07/12	06:48:00	0.000	3	3	59	60
2022/07/12	06:50:00	0.000	3	3	59	60
2022/07/12	06:52:00	0.000	3	3	59	60
2022/07/12	06:54:00	0.000	3	3	60	60
2022/07/12	06:56:00	0.000	3	3	59	60
2022/07/12	06:58:00	0.000	3	3	59	60
2022/07/12	07:00:00	0.000	3	3	60	60
2022/07/12	07:02:00	0.000	3	3	60	60
2022/07/12	07:04:00	0.000	3	3	60	60
2022/07/12	07:06:00	0.000	3	3	60	60
2022/07/12	07:08:00	0.000	3	3	60	60
2022/07/12	07:10:00	0.000	3	3	60	60
2022/07/12	07:12:00	0.000	3	3	60	60
2022/07/12	07:14:00	0.000	3	3	60	60
2022/07/12	07:16:00	0.000	3	3	60	60
2022/07/12	07:18:00	0.000	3	3	60	60
2022/07/12	07:20:00	0.000	3	3	60	60
2022/07/12	07:22:00	0.000	3	3	60	60
2022/07/12	07:24:00	0.000	3	3	60	60
2022/07/12	07:26:00	0.000	3	3	60	61
2022/07/12	07:28:00	0.000	3	3	60	61
2022/07/12	07:30:00	0.000	3	3	60	61
2022/07/12	07:32:00	0.000	3	3	60	61
2022/07/12	07:34:00	0.000	3	3	60	61
2022/07/12	07:36:00	0.000	3	3	60	61
2022/07/12	07:38:00	0.000	3	3	60	61
2022/07/12	07:40:00	0.000	3	3	60	61
2022/07/12	07:42:00	0.000	3	3	60	61
2022/07/12	07:44:00	0.000	3	3	60	61
2022/07/12	07:46:00	0.000	3	3	60	61
2022/07/12	07:48:00	0.000	3	3	60	61
2022/07/12	07:50:00	0.000	3	3	60	61
2022/07/12	07:52:00	0.000	3	3	60	61
2022/07/12	07:54:00	0.000	2	3	60	60
2022/07/12	07:56:00	0.000	3	3	60	60
2022/07/12	07:58:00	0.000	3	3	60	60
2022/07/12	08:00:00	0.000	3	3	60	61
2022/07/12	08:02:00	0.000	3	3	60	61
2022/07/12	08:04:00	0.000	3	3	60	61
2022/07/12	08:06:00	0.000	3	3	60	61
2022/07/12	08:08:00	0.000	3	3	60	61
2022/07/12	08:10:00	0.000	3	2107	60	61
2022/07/12	08:12:00	0.000	3	2082	60	62
2022/07/12	08:14:00	0.000	1391	1811	62	1535
2022/07/12	08:16:00	0.000	1376	1428	1392	1586
2022/07/12	08:18:00	0.000	1391	1441	1393	1436
2022/07/12	08:20:00	0.000	1385	1439	1397	1415
2022/07/12	08:22:00	0.000	1385	1435	1382	1397
2022/07/12	08:24:00	0.000	1372	1426	1343	1388
2022/07/12	08:26:00	0.000	1367	1413	1337	1345
2022/07/12	08:28:00	0.000	3	1417	1037	1345
2022/07/12	08:30:00	0.000	3	3	648	1037

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	08:32:00	0.000	3	3	464	648
2022/07/12	08:34:00	0.000	3	3	367	464
2022/07/12	08:36:00	0.000	3	3	299	367
2022/07/12	08:38:00	0.000	2	1997	254	655
2022/07/12	08:40:00	0.000	1402	1751	655	1870
2022/07/12	08:42:00	0.000	1373	1431	1421	1620
2022/07/12	08:44:00	0.000	1393	1439	1561	1619
2022/07/12	08:46:00	0.000	1381	1426	1525	1561
2022/07/12	08:48:00	0.000	1397	1439	1534	1553
2022/07/12	08:50:00	0.000	1405	1434	1553	1578
2022/07/12	08:52:00	0.000	1391	1428	1575	1580
2022/07/12	08:54:00	0.000	1372	1417	1567	1575
2022/07/12	08:56:00	0.000	1352	1391	1543	1567
2022/07/12	08:58:00	0.000	1328	1389	1553	1577
2022/07/12	09:00:00	0.000	1361	1394	1577	1596
2022/07/12	09:02:00	0.000	1335	1389	1591	1597
2022/07/12	09:04:00	0.000	1287	1362	1550	1591
2022/07/12	09:06:00	0.000	1210	1330	1504	1550
2022/07/12	09:08:00	0.000	1287	1344	1544	1574
2022/07/12	09:10:00	0.000	1237	1332	1557	1577
2022/07/12	09:12:00	0.000	1178	1311	1547	1557
2022/07/12	09:14:00	0.000	1294	1338	1549	1604
2022/07/12	09:16:00	0.000	1243	1338	1574	1612
2022/07/12	09:18:00	0.000	1226	1309	1537	1574
2022/07/12	09:20:00	0.000	1246	1340	1538	1590
2022/07/12	09:22:00	0.000	1306	1358	1590	1650
2022/07/12	09:24:00	0.000	1311	1354	1617	1658
2022/07/12	09:26:00	0.000	1306	1350	1593	1618
2022/07/12	09:28:00	0.000	1291	1347	1577	1598
2022/07/12	09:30:00	0.000	1295	1354	1578	1586
2022/07/12	09:32:00	0.000	1297	1346	1573	1578
2022/07/12	09:34:00	0.000	1310	1364	1574	1594
2022/07/12	09:36:00	0.000	1331	1366	1594	1612
2022/07/12	09:38:00	0.000	1328	1359	1581	1612
2022/07/12	09:40:00	0.000	1321	1369	1580	1588
2022/07/12	09:42:00	0.000	1335	1377	1582	1589
2022/07/12	09:44:00	0.000	1332	1370	1570	1586
2022/07/12	09:46:00	0.000	1323	1368	1545	1570
2022/07/12	09:48:00	0.000	1291	1361	1537	1566
2022/07/12	09:50:00	0.000	1304	1354	1558	1575
2022/07/12	09:52:00	0.000	1338	1383	1566	1620
2022/07/12	09:54:00	0.000	1348	1390	1617	1637
2022/07/12	09:56:00	0.000	1330	1390	1598	1620
2022/07/12	09:58:00	0.000	1291	1386	1558	1598
2022/07/12	10:00:00	0.000	1332	1385	1547	1558
2022/07/12	10:02:00	0.000	1339	1383	1553	1561
2022/07/12	10:04:00	0.000	1299	1365	1553	1582
2022/07/12	10:06:00	0.000	1321	1366	1553	1574
2022/07/12	10:08:00	0.000	1321	1379	1572	1580
2022/07/12	10:10:00	0.000	1354	1414	1579	1614
2022/07/12	10:12:00	0.000	1314	1411	1609	1632
2022/07/12	10:14:00	0.000	1298	1377	1585	1609
2022/07/12	10:16:00	0.000	1247	1326	1563	1591
2022/07/12	10:18:00	0.000	1197	1296	1510	1563
2022/07/12	10:20:00	0.000	3	1880	1506	1673
2022/07/12	10:22:00	0.000	2	3	876	1627
2022/07/12	10:24:00	0.000	2	3	592	876
2022/07/12	10:26:00	0.000	2	3	450	592
2022/07/12	10:28:00	0.000	2	3	366	450
2022/07/12	10:30:00	0.000	2	3	314	366
2022/07/12	10:32:00	0.000	2	3	276	314
2022/07/12	10:34:00	0.000	2	3	249	276
2022/07/12	10:36:00	0.000	2	3	225	249
2022/07/12	10:38:00	0.000	2	2036	217	1755

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/12	10:40:00	0.000	1306	1409	1463	1731	
2022/07/12	10:42:00	0.000	1309	1357	1528	1588	
2022/07/12	10:44:00	0.000	1295	1345	1513	1537	
2022/07/12	10:46:00	0.000	1317	1364	1532	1564	
2022/07/12	10:48:00	0.000	1327	1369	1547	1580	
2022/07/12	10:50:00	0.000	1323	1367	1580	1598	
2022/07/12	10:52:00	0.000	1324	1377	1590	1599	
2022/07/12	10:54:00	0.000	1331	1371	1598	1610	
2022/07/12	10:56:00	0.000	1273	1358	1547	1600	
2022/07/12	10:58:00	0.000	1302	1350	1538	1558	
2022/07/12	11:00:00	0.000	1300	1336	1549	1561	
2022/07/12	11:02:00	0.000	1260	1344	1550	1583	
2022/07/12	11:04:00	0.000	1318	1369	1583	1609	
2022/07/12	11:06:00	0.000	1295	1347	1603	1612	
2022/07/12	11:08:00	0.000	1272	1337	1561	1603	
2022/07/12	11:10:00	0.000	1289	1343	1558	1588	
2022/07/12	11:12:00	0.000	1304	1355	1588	1600	
2022/07/12	11:14:00	0.000	1325	1361	1592	1606	
2022/07/12	11:16:00	0.000	1300	1357	1569	1607	
2022/07/12	11:18:00	0.000	1290	1342	1546	1569	
2022/07/12	11:20:00	0.000	1292	1342	1546	1564	
2022/07/12	11:22:00	0.000	1256	1332	1558	1572	
2022/07/12	11:24:00	0.000	1216	1329	1538	1558	
2022/07/12	11:26:00	0.000	1234	1318	1538	1550	
2022/07/12	11:28:00	0.000	1192	1320	1539	1549	
2022/07/12	11:30:00	0.000	84	1861	1545	1702	
2022/07/12	11:32:00	0.000	2	1728	909	1655	
2022/07/12	11:34:00	0.000	2	3	610	909	
2022/07/12	11:36:00	0.000	2	3	466	610	
2022/07/12	11:38:00	0.000	2	3	382	466	
2022/07/12	11:40:00	0.000	2	3	328	382	
2022/07/12	11:42:00	0.000	2	3	290	328	
2022/07/12	11:44:00	0.000	2	3	262	290	
2022/07/12	11:46:00	0.000	2	2000	233	438	
2022/07/12	11:48:00	0.000	1280	1718	438	1844	
2022/07/12	11:50:00	0.000	1295	1355	1324	1513	
2022/07/12	11:52:00	0.000	1317	1369	1383	1433	
2022/07/12	11:54:00	0.000	1325	1368	1425	1447	
2022/07/12	11:56:00	0.000	1313	1375	1405	1450	
2022/07/12	11:58:00	0.000	1324	1365	1394	1405	
2022/07/12	12:00:00	0.000	1310	1353	1398	1413	
2022/07/12	12:02:00	0.000	2	1351	1073	1405	
2022/07/12	12:04:00	0.000	2	3	661	1073	
2022/07/12	12:06:00	0.000	2	3	487	661	
2022/07/12	12:08:00	0.000	2	3	383	487	
2022/07/12	12:10:00	0.000	2	3	321	383	
2022/07/12	12:12:00	0.000	2	3	276	321	
2022/07/12	12:14:00	0.000	2	3	244	276	
2022/07/12	12:16:00	0.000	2	3	220	244	
2022/07/12	12:18:00	0.000	2	3	203	220	
2022/07/12	12:20:00	0.000	2	3	190	203	
2022/07/12	12:22:00	0.000	2	3	178	190	
2022/07/12	12:24:00	0.000	2	3	168	178	
2022/07/12	12:26:00	0.000	2	3	162	168	
2022/07/12	12:28:00	0.000	2	3	155	162	
2022/07/12	12:30:00	0.000	2	3	149	155	
2022/07/12	12:32:00	0.000	2	3	143	149	
2022/07/12	12:34:00	0.000	2	3	139	143	
2022/07/12	12:36:00	0.000	2	3	135	139	
2022/07/12	12:38:00	0.000	2	3	132	135	
2022/07/12	12:40:00	0.000	2	3	130	132	
2022/07/12	12:42:00	0.000	2	1959	126	1626	
2022/07/12	12:44:00	0.000	1264	1482	1348	1776	
2022/07/12	12:46:00	0.000	1330	1389	1346	1521	

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	12:48:00	0.000	1329	1369	1521	1557
2022/07/12	12:50:00	0.000	1332	1371	1545	1578
2022/07/12	12:52:00	0.000	1341	1379	1561	1576
2022/07/12	12:54:00	0.000	1324	1381	1576	1603
2022/07/12	12:56:00	0.000	1343	1379	1579	1593
2022/07/12	12:58:00	0.000	1332	1382	1582	1608
2022/07/12	13:00:00	0.000	1339	1384	1597	1613
2022/07/12	13:02:00	0.000	1356	1387	1588	1601
2022/07/12	13:04:00	0.000	1338	1385	1572	1595
2022/07/12	13:06:00	0.000	1330	1381	1573	1583
2022/07/12	13:08:00	0.000	1340	1390	1571	1589
2022/07/12	13:10:00	0.000	1344	1392	1582	1601
2022/07/12	13:12:00	0.000	1354	1399	1599	1609
2022/07/12	13:14:00	0.000	1358	1398	1589	1607
2022/07/12	13:16:00	0.000	1336	1403	1560	1591
2022/07/12	13:18:00	0.000	1347	1395	1566	1573
2022/07/12	13:20:00	0.000	1352	1395	1568	1577
2022/07/12	13:22:00	0.000	1339	1389	1553	1569
2022/07/12	13:24:00	0.000	1343	1387	1555	1582
2022/07/12	13:26:00	0.000	1328	1383	1568	1583
2022/07/12	13:28:00	0.000	1311	1370	1561	1579
2022/07/12	13:30:00	0.000	1313	1361	1564	1575
2022/07/12	13:32:00	0.000	1319	1367	1561	1597
2022/07/12	13:34:00	0.000	1347	1391	1597	1632
2022/07/12	13:36:00	0.000	1351	1393	1600	1628
2022/07/12	13:38:00	0.000	1366	1406	1594	1609
2022/07/12	13:40:00	0.000	1375	1416	1591	1611
2022/07/12	13:42:00	0.000	1372	1424	1564	1597
2022/07/12	13:44:00	0.000	1321	1387	1522	1564
2022/07/12	13:46:00	0.000	1234	1339	1495	1525
2022/07/12	13:48:00	0.000	1234	1364	1525	1586
2022/07/12	13:50:00	0.000	1275	1354	1569	1596
2022/07/12	13:52:00	0.000	1234	1338	1553	1569
2022/07/12	13:54:00	0.000	1275	1338	1558	1585
2022/07/12	13:56:00	0.000	1257	1341	1583	1590
2022/07/12	13:58:00	0.000	1263	1350	1587	1602
2022/07/12	14:00:00	0.000	1302	1367	1602	1633
2022/07/12	14:02:00	0.000	1321	1377	1624	1638
2022/07/12	14:04:00	0.000	1295	1374	1595	1624
2022/07/12	14:06:00	0.000	1299	1365	1559	1595
2022/07/12	14:08:00	0.000	1322	1380	1574	1588
2022/07/12	14:10:00	0.000	1302	1367	1566	1578
2022/07/12	14:12:00	0.000	1284	1347	1576	1595
2022/07/12	14:14:00	0.000	1302	1342	1582	1594
2022/07/12	14:16:00	0.000	1285	1336	1558	1582
2022/07/12	14:18:00	0.000	1298	1350	1556	1587
2022/07/12	14:20:00	0.000	1324	1374	1587	1622
2022/07/12	14:22:00	0.000	1344	1384	1609	1634
2022/07/12	14:24:00	0.000	1317	1386	1593	1612
2022/07/12	14:26:00	0.000	1296	1362	1543	1593
2022/07/12	14:28:00	0.000	1284	1337	1536	1556
2022/07/12	14:30:00	0.000	1297	1347	1556	1574
2022/07/12	14:32:00	0.000	1291	1361	1572	1576
2022/07/12	14:34:00	0.000	1334	1373	1576	1601
2022/07/12	14:36:00	0.000	1336	1380	1601	1626
2022/07/12	14:38:00	0.000	1321	1373	1586	1621
2022/07/12	14:40:00	0.000	1338	1387	1588	1599
2022/07/12	14:42:00	0.000	1344	1385	1563	1596
2022/07/12	14:44:00	0.000	1337	1376	1561	1570
2022/07/12	14:46:00	0.000	1317	1371	1570	1576
2022/07/12	14:48:00	0.000	1317	1367	1568	1580
2022/07/12	14:50:00	0.000	1323	1376	1572	1587
2022/07/12	14:52:00	0.000	1289	1364	1569	1585
2022/07/12	14:54:00	0.000	1279	1334	1539	1569

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	14:56:00	0.000	1190	1328	1536	1562
2022/07/12	14:58:00	0.000	1243	1320	1538	1555
2022/07/12	15:00:00	0.000	1224	1320	1551	1556
2022/07/12	15:02:00	0.000	1214	1319	1550	1572
2022/07/12	15:04:00	0.000	1225	1321	1563	1580
2022/07/12	15:06:00	0.000	1203	1313	1558	1572
2022/07/12	15:08:00	0.000	1227	1322	1566	1592
2022/07/12	15:10:00	0.000	1273	1325	1585	1618
2022/07/12	15:12:00	0.000	1262	1337	1598	1631
2022/07/12	15:14:00	0.000	1289	1347	1598	1609
2022/07/12	15:16:00	0.000	1322	1365	1600	1620
2022/07/12	15:18:00	0.000	1317	1371	1604	1624
2022/07/12	15:20:00	0.000	1332	1368	1606	1631
2022/07/12	15:22:00	0.000	1293	1366	1585	1615
2022/07/12	15:24:00	0.000	1321	1372	1564	1589
2022/07/12	15:26:00	0.000	1332	1369	1566	1582
2022/07/12	15:28:00	0.000	1324	1381	1574	1593
2022/07/12	15:30:00	0.000	1319	1373	1569	1599
2022/07/12	15:32:00	0.000	1334	1370	1582	1593
2022/07/12	15:34:00	0.000	1331	1366	1570	1583
2022/07/12	15:36:00	0.000	1328	1375	1563	1576
2022/07/12	15:38:00	0.000	1313	1367	1561	1572
2022/07/12	15:40:00	0.000	1304	1372	1558	1566
2022/07/12	15:42:00	0.000	1320	1378	1566	1596
2022/07/12	15:44:00	0.000	1291	1372	1563	1591
2022/07/12	15:46:00	0.000	1313	1361	1572	1603
2022/07/12	15:48:00	0.000	1321	1376	1594	1612
2022/07/12	15:50:00	0.000	1319	1368	1591	1609
2022/07/12	15:52:00	0.000	1312	1351	1584	1597
2022/07/12	15:54:00	0.000	1319	1358	1580	1595
2022/07/12	15:56:00	0.000	1313	1368	1580	1596
2022/07/12	15:58:00	0.000	1313	1365	1572	1596
2022/07/12	16:00:00	0.000	1346	1384	1570	1598
2022/07/12	16:02:00	0.000	1312	1379	1579	1604
2022/07/12	16:04:00	0.000	1276	1361	1532	1579
2022/07/12	16:06:00	0.000	1263	1339	1530	1537
2022/07/12	16:08:00	0.000	1221	1343	1518	1530
2022/07/12	16:10:00	0.000	1202	1315	1527	1551
2022/07/12	16:12:00	0.000	1183	1317	1540	1556
2022/07/12	16:14:00	0.000	1197	1321	1543	1570
2022/07/12	16:16:00	0.000	1186	1313	1570	1582
2022/07/12	16:18:00	0.000	1206	1315	1580	1604
2022/07/12	16:20:00	0.000	1193	1336	1604	1631
2022/07/12	16:22:00	0.000	1280	1362	1627	1645
2022/07/12	16:24:00	0.000	1282	1355	1613	1632
2022/07/12	16:26:00	0.000	1273	1358	1610	1623
2022/07/12	16:28:00	0.000	1280	1350	1588	1617
2022/07/12	16:30:00	0.000	1300	1365	1588	1610
2022/07/12	16:32:00	0.000	1314	1358	1586	1607
2022/07/12	16:34:00	0.000	1299	1352	1577	1603
2022/07/12	16:36:00	0.000	1312	1361	1578	1603
2022/07/12	16:38:00	0.000	1272	1358	1583	1589
2022/07/12	16:40:00	0.000	1246	1348	1549	1586
2022/07/12	16:42:00	0.000	1290	1356	1566	1572
2022/07/12	16:44:00	0.000	1306	1355	1566	1577
2022/07/12	16:46:00	0.000	1286	1350	1557	1576
2022/07/12	16:48:00	0.000	1303	1343	1556	1578
2022/07/12	16:50:00	0.000	1287	1352	1547	1577
2022/07/12	16:52:00	0.000	1296	1342	1566	1582
2022/07/12	16:54:00	0.000	1291	1354	1579	1597
2022/07/12	16:56:00	0.000	1280	1347	1569	1580
2022/07/12	16:58:00	0.000	1268	1332	1569	1584
2022/07/12	17:00:00	0.000	1268	1332	1569	1582
2022/07/12	17:02:00	0.000	1269	1328	1569	1580

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	17:04:00	0.000	1276	1332	1580	1602
2022/07/12	17:06:00	0.000	1262	1340	1602	1633
2022/07/12	17:08:00	0.000	1268	1347	1607	1624
2022/07/12	17:10:00	0.000	1310	1358	1605	1628
2022/07/12	17:12:00	0.000	1267	1352	1549	1607
2022/07/12	17:14:00	0.000	1174	1307	1499	1549
2022/07/12	17:16:00	0.000	2	1770	1127	1523
2022/07/12	17:18:00	0.000	2	3	695	1127
2022/07/12	17:20:00	0.000	2	3	513	695
2022/07/12	17:22:00	0.000	2	3	415	513
2022/07/12	17:24:00	0.000	2	3	352	415
2022/07/12	17:26:00	0.000	2	3	306	352
2022/07/12	17:28:00	0.000	2	3	271	306
2022/07/12	17:30:00	0.000	2	3	249	271
2022/07/12	17:32:00	0.000	2	3	230	249
2022/07/12	17:34:00	0.000	2	3	215	230
2022/07/12	17:36:00	0.000	2	3	201	215
2022/07/12	17:38:00	0.000	2	3	192	201
2022/07/12	17:40:00	0.000	2	3	182	192
2022/07/12	17:42:00	0.000	2	3	174	182
2022/07/12	17:44:00	0.000	2	3	168	174
2022/07/12	17:46:00	0.000	2	3	163	168
2022/07/12	17:48:00	0.000	2	3	157	163
2022/07/12	17:50:00	0.000	2	3	152	157
2022/07/12	17:52:00	0.000	2	3	147	152
2022/07/12	17:54:00	0.000	2	3	143	147
2022/07/12	17:56:00	0.000	2	3	139	143
2022/07/12	17:58:00	0.000	2	3	136	139
2022/07/12	18:00:00	0.000	2	3	133	136
2022/07/12	18:02:00	0.000	2	3	131	133
2022/07/12	18:04:00	0.000	2	3	128	131
2022/07/12	18:06:00	0.000	2	3	124	128
2022/07/12	18:08:00	0.000	2	3	122	125
2022/07/12	18:10:00	0.000	2	3	120	122
2022/07/12	18:12:00	0.000	2	3	118	120
2022/07/12	18:14:00	0.000	2	3	116	118
2022/07/12	18:16:00	0.000	2	3	115	116
2022/07/12	18:18:00	0.000	2	3	113	115
2022/07/12	18:20:00	0.000	2	3	112	113
2022/07/12	18:22:00	0.000	2	3	110	112
2022/07/12	18:24:00	0.000	2	3	109	110
2022/07/12	18:26:00	0.000	2	3	107	109
2022/07/12	18:28:00	0.000	2	3	106	107
2022/07/12	18:30:00	0.000	2	3	106	106
2022/07/12	18:32:00	0.000	2	3	104	106
2022/07/12	18:34:00	0.000	2	3	103	104
2022/07/12	18:36:00	0.000	2	3	101	104
2022/07/12	18:38:00	0.000	2	3	100	101
2022/07/12	18:40:00	0.000	2	3	99	100
2022/07/12	18:42:00	0.000	3	3	98	99
2022/07/12	18:44:00	0.000	2	3	98	98
2022/07/12	18:46:00	0.000	2	3	96	98
2022/07/12	18:48:00	0.000	2	3	95	96
2022/07/12	18:50:00	0.000	3	3	95	96
2022/07/12	18:52:00	0.000	2	3	95	96
2022/07/12	18:54:00	0.000	2	3	94	95
2022/07/12	18:56:00	0.000	2	3	93	94
2022/07/12	18:58:00	0.000	2	3	93	94
2022/07/12	19:00:00	0.000	2	3	91	93
2022/07/12	19:02:00	0.000	3	3	90	92
2022/07/12	19:04:00	0.000	2	3	90	91
2022/07/12	19:06:00	0.000	2	3	89	90
2022/07/12	19:08:00	0.000	2	3	89	89
2022/07/12	19:10:00	0.000	2	3	89	89

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	19:12:00	0.000	2	3	88	89
2022/07/12	19:14:00	0.000	2	3	87	88
2022/07/12	19:16:00	0.000	3	3	87	87
2022/07/12	19:18:00	0.000	2	3	87	87
2022/07/12	19:20:00	0.000	3	3	86	87
2022/07/12	19:22:00	0.000	2	3	85	86
2022/07/12	19:24:00	0.000	3	3	85	85
2022/07/12	19:26:00	0.000	3	3	85	85
2022/07/12	19:28:00	0.000	3	3	84	85
2022/07/12	19:30:00	0.000	3	3	83	84
2022/07/12	19:32:00	0.000	2	3	83	83
2022/07/12	19:34:00	0.000	2	3	83	83
2022/07/12	19:36:00	0.000	2	3	83	83
2022/07/12	19:38:00	0.000	3	3	82	83
2022/07/12	19:40:00	0.000	2	3	82	82
2022/07/12	19:42:00	0.000	3	3	81	82
2022/07/12	19:44:00	0.000	2	3	81	81
2022/07/12	19:46:00	0.000	2	3	81	81
2022/07/12	19:48:00	0.000	2	3	80	81
2022/07/12	19:50:00	0.000	2	3	79	80
2022/07/12	19:52:00	0.000	2	3	79	80
2022/07/12	19:54:00	0.000	2	3	79	79
2022/07/12	19:56:00	0.000	3	3	79	79
2022/07/12	19:58:00	0.000	3	3	79	79
2022/07/12	20:00:00	0.000	3	3	78	79
2022/07/12	20:02:00	0.000	3	3	78	79
2022/07/12	20:04:00	0.000	3	3	77	78
2022/07/12	20:06:00	0.000	2	3	77	77
2022/07/12	20:08:00	0.000	3	3	77	77
2022/07/12	20:10:00	0.000	3	3	77	77
2022/07/12	20:12:00	0.000	2	3	77	77
2022/07/12	20:14:00	0.000	3	3	77	77
2022/07/12	20:16:00	0.000	3	3	77	77
2022/07/12	20:18:00	0.000	3	3	76	77
2022/07/12	20:20:00	0.000	3	3	75	76
2022/07/12	20:22:00	0.000	3	3	75	76
2022/07/12	20:24:00	0.000	2	3	75	76
2022/07/12	20:26:00	0.000	2	3	75	75
2022/07/12	20:28:00	0.000	2	3	75	75
2022/07/12	20:30:00	0.000	2	3	75	75
2022/07/12	20:32:00	0.000	2	3	74	75
2022/07/12	20:34:00	0.000	2	3	74	75
2022/07/12	20:36:00	0.000	3	3	74	74
2022/07/12	20:38:00	0.000	2	3	74	74
2022/07/12	20:40:00	0.000	2	3	74	74
2022/07/12	20:42:00	0.000	3	3	73	74
2022/07/12	20:44:00	0.000	3	3	73	74
2022/07/12	20:46:00	0.000	3	3	73	73
2022/07/12	20:48:00	0.000	3	3	73	73
2022/07/12	20:50:00	0.000	3	3	73	73
2022/07/12	20:52:00	0.000	3	3	73	73
2022/07/12	20:54:00	0.000	2	3	72	73
2022/07/12	20:56:00	0.000	3	3	72	73
2022/07/12	20:58:00	0.000	2	3	72	73
2022/07/12	21:00:00	0.000	3	3	72	72
2022/07/12	21:02:00	0.000	3	3	72	72
2022/07/12	21:04:00	0.000	3	3	71	72
2022/07/12	21:06:00	0.000	3	3	71	72
2022/07/12	21:08:00	0.000	3	3	71	72
2022/07/12	21:10:00	0.000	2	3	71	71
2022/07/12	21:12:00	0.000	2	3	71	71
2022/07/12	21:14:00	0.000	3	3	71	71
2022/07/12	21:16:00	0.000	3	3	71	71
2022/07/12	21:18:00	0.000	3	3	71	71

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	21:20:00	0.000	3	3	71	71
2022/07/12	21:22:00	0.000	3	3	71	71
2022/07/12	21:24:00	0.000	2	3	71	71
2022/07/12	21:26:00	0.000	3	3	70	71
2022/07/12	21:28:00	0.000	3	3	70	71
2022/07/12	21:30:00	0.000	3	3	70	70
2022/07/12	21:32:00	0.000	2	3	70	70
2022/07/12	21:34:00	0.000	3	3	70	70
2022/07/12	21:36:00	0.000	3	3	70	70
2022/07/12	21:38:00	0.000	3	3	69	70
2022/07/12	21:40:00	0.000	3	3	69	70
2022/07/12	21:42:00	0.000	3	3	69	69
2022/07/12	21:44:00	0.000	3	3	69	69
2022/07/12	21:46:00	0.000	3	3	68	69
2022/07/12	21:48:00	0.000	2	3	68	69
2022/07/12	21:50:00	0.000	3	3	68	69
2022/07/12	21:52:00	0.000	3	3	68	69
2022/07/12	21:54:00	0.000	3	3	68	69
2022/07/12	21:56:00	0.000	3	3	68	69
2022/07/12	21:58:00	0.000	3	3	68	69
2022/07/12	22:00:00	0.000	3	3	68	69
2022/07/12	22:02:00	0.000	3	3	68	69
2022/07/12	22:04:00	0.000	3	3	68	69
2022/07/12	22:06:00	0.000	2	3	68	68
2022/07/12	22:08:00	0.000	3	3	67	68
2022/07/12	22:10:00	0.000	3	3	66	68
2022/07/12	22:12:00	0.000	3	3	66	67
2022/07/12	22:14:00	0.000	3	3	66	67
2022/07/12	22:16:00	0.000	3	3	66	67
2022/07/12	22:18:00	0.000	3	3	66	67
2022/07/12	22:20:00	0.000	3	3	66	67
2022/07/12	22:22:00	0.000	3	3	66	67
2022/07/12	22:24:00	0.000	2	3	66	67
2022/07/12	22:26:00	0.000	3	3	66	66
2022/07/12	22:28:00	0.000	3	3	66	66
2022/07/12	22:30:00	0.000	3	3	66	66
2022/07/12	22:32:00	0.000	2	3	66	66
2022/07/12	22:34:00	0.000	2	3	65	66
2022/07/12	22:36:00	0.000	3	3	65	65
2022/07/12	22:38:00	0.000	3	3	65	66
2022/07/12	22:40:00	0.000	3	3	65	66
2022/07/12	22:42:00	0.000	3	3	65	66
2022/07/12	22:44:00	0.000	3	3	65	66
2022/07/12	22:46:00	0.000	3	3	65	65
2022/07/12	22:48:00	0.000	3	3	65	65
2022/07/12	22:50:00	0.000	3	3	65	65
2022/07/12	22:52:00	0.000	3	3	65	65
2022/07/12	22:54:00	0.000	3	3	65	65
2022/07/12	22:56:00	0.000	3	3	65	65
2022/07/12	22:58:00	0.000	3	3	65	65
2022/07/12	23:00:00	0.000	3	3	65	65
2022/07/12	23:02:00	0.000	2	3	64	65
2022/07/12	23:04:00	0.000	3	3	64	65
2022/07/12	23:06:00	0.000	3	3	64	65
2022/07/12	23:08:00	0.000	3	3	65	65
2022/07/12	23:10:00	0.000	3	3	65	65
2022/07/12	23:12:00	0.000	3	3	65	65
2022/07/12	23:14:00	0.000	3	3	65	65
2022/07/12	23:16:00	0.000	2	3	64	65
2022/07/12	23:18:00	0.000	3	3	64	65
2022/07/12	23:20:00	0.000	3	3	64	65
2022/07/12	23:22:00	0.000	3	3	64	64
2022/07/12	23:24:00	0.000	3	3	63	64
2022/07/12	23:26:00	0.000	2	3	63	64

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	23:28:00	0.000	3	3	63	64
2022/07/12	23:30:00	0.000	3	3	64	65
2022/07/12	23:32:00	0.000	2	3	64	65
2022/07/12	23:34:00	0.000	3	3	64	64
2022/07/12	23:36:00	0.000	3	3	63	64
2022/07/12	23:38:00	0.000	3	3	63	63
2022/07/12	23:40:00	0.000	3	3	63	63
2022/07/12	23:42:00	0.000	3	3	63	63
2022/07/12	23:44:00	0.000	3	3	63	63
2022/07/12	23:46:00	0.000	3	3	63	63
2022/07/12	23:48:00	0.000	3	3	63	63
2022/07/12	23:50:00	0.000	3	3	63	63
2022/07/12	23:52:00	0.000	2	3	63	63
2022/07/12	23:54:00	0.000	3	3	63	63
2022/07/12	23:56:00	0.000	3	3	63	63
2022/07/12	23:58:00	0.000	3	3	63	63

Average	409	461	556	586
Min	2	3	59	60
Max	1405	2107	1627	1870

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02			CH05		
		Tag		1			1	
		Unit	SCFM			Deg. F		
Date	Time	sec	MIN	MAX		MIN	MAX	
2022/07/13	00:00:00		0.000	3	3	63	63	
2022/07/13	00:02:00		0.000	2	3	63	63	
2022/07/13	00:04:00		0.000	2	3	63	63	
2022/07/13	00:06:00		0.000	2	3	62	63	
2022/07/13	00:08:00		0.000	2	3	63	63	
2022/07/13	00:10:00		0.000	3	3	63	63	
2022/07/13	00:12:00		0.000	3	3	63	63	
2022/07/13	00:14:00		0.000	3	3	62	63	
2022/07/13	00:16:00		0.000	3	3	63	63	
2022/07/13	00:18:00		0.000	2	3	63	63	
2022/07/13	00:20:00		0.000	3	3	63	63	
2022/07/13	00:22:00		0.000	3	3	63	63	
2022/07/13	00:24:00		0.000	3	3	63	63	
2022/07/13	00:26:00		0.000	3	3	63	63	
2022/07/13	00:28:00		0.000	3	3	63	63	
2022/07/13	00:30:00		0.000	2	3	63	63	
2022/07/13	00:32:00		0.000	3	3	63	63	
2022/07/13	00:34:00		0.000	3	3	63	63	
2022/07/13	00:36:00		0.000	3	3	62	63	
2022/07/13	00:38:00		0.000	2	3	62	63	
2022/07/13	00:40:00		0.000	3	3	63	63	
2022/07/13	00:42:00		0.000	2	3	63	63	
2022/07/13	00:44:00		0.000	3	3	63	63	
2022/07/13	00:46:00		0.000	2	3	63	63	
2022/07/13	00:48:00		0.000	3	3	63	63	
2022/07/13	00:50:00		0.000	3	3	63	63	
2022/07/13	00:52:00		0.000	3	3	62	63	
2022/07/13	00:54:00		0.000	3	3	62	63	
2022/07/13	00:56:00		0.000	3	3	62	63	
2022/07/13	00:58:00		0.000	3	3	62	63	
2022/07/13	01:00:00		0.000	3	3	62	63	
2022/07/13	01:02:00		0.000	3	3	63	63	
2022/07/13	01:04:00		0.000	3	3	63	63	
2022/07/13	01:06:00		0.000	3	3	62	63	
2022/07/13	01:08:00		0.000	3	3	62	63	
2022/07/13	01:10:00		0.000	3	3	62	63	
2022/07/13	01:12:00		0.000	3	3	62	63	
2022/07/13	01:14:00		0.000	2	3	63	63	
2022/07/13	01:16:00		0.000	3	3	62	63	
2022/07/13	01:18:00		0.000	3	3	62	63	
2022/07/13	01:20:00		0.000	3	3	62	63	
2022/07/13	01:22:00		0.000	2	3	62	63	
2022/07/13	01:24:00		0.000	3	3	62	63	
2022/07/13	01:26:00		0.000	3	3	62	63	
2022/07/13	01:28:00		0.000	3	3	62	63	
2022/07/13	01:30:00		0.000	3	3	62	63	
2022/07/13	01:32:00		0.000	3	3	62	63	
2022/07/13	01:34:00		0.000	3	3	62	63	
2022/07/13	01:36:00		0.000	3	3	62	63	
2022/07/13	01:38:00		0.000	2	3	62	63	
2022/07/13	01:40:00		0.000	2	3	62	63	
2022/07/13	01:42:00		0.000	3	3	62	63	
2022/07/13	01:44:00		0.000	2	3	62	62	
2022/07/13	01:46:00		0.000	3	3	62	63	
2022/07/13	01:48:00		0.000	3	3	62	63	
2022/07/13	01:50:00		0.000	3	3	62	62	
2022/07/13	01:52:00		0.000	3	3	62	63	
2022/07/13	01:54:00		0.000	3	3	62	62	
2022/07/13	01:56:00		0.000	3	3	62	62	
2022/07/13	01:58:00		0.000	3	3	62	62	
2022/07/13	02:00:00		0.000	2	3	62	63	
2022/07/13	02:02:00		0.000	2	3	62	63	
2022/07/13	02:04:00		0.000	3	3	62	63	
2022/07/13	02:06:00		0.000	3	3	62	63	

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	02:08:00	0.000	2	3	62	63
2022/07/13	02:10:00	0.000	3	3	62	63
2022/07/13	02:12:00	0.000	3	3	62	63
2022/07/13	02:14:00	0.000	3	3	62	63
2022/07/13	02:16:00	0.000	3	3	62	63
2022/07/13	02:18:00	0.000	3	3	62	63
2022/07/13	02:20:00	0.000	3	3	62	62
2022/07/13	02:22:00	0.000	3	3	62	62
2022/07/13	02:24:00	0.000	3	3	62	62
2022/07/13	02:26:00	0.000	3	3	62	62
2022/07/13	02:28:00	0.000	3	3	62	62
2022/07/13	02:30:00	0.000	3	3	62	62
2022/07/13	02:32:00	0.000	3	3	62	62
2022/07/13	02:34:00	0.000	3	3	62	62
2022/07/13	02:36:00	0.000	3	3	62	62
2022/07/13	02:38:00	0.000	2	3	62	62
2022/07/13	02:40:00	0.000	3	3	62	62
2022/07/13	02:42:00	0.000	3	3	62	62
2022/07/13	02:44:00	0.000	3	3	62	62
2022/07/13	02:46:00	0.000	3	3	61	62
2022/07/13	02:48:00	0.000	3	3	61	62
2022/07/13	02:50:00	0.000	2	3	62	62
2022/07/13	02:52:00	0.000	2	3	61	62
2022/07/13	02:54:00	0.000	2	3	62	62
2022/07/13	02:56:00	0.000	3	3	62	62
2022/07/13	02:58:00	0.000	3	3	62	62
2022/07/13	03:00:00	0.000	2	3	62	63
2022/07/13	03:02:00	0.000	3	3	62	63
2022/07/13	03:04:00	0.000	3	3	62	63
2022/07/13	03:06:00	0.000	3	3	62	62
2022/07/13	03:08:00	0.000	3	3	62	62
2022/07/13	03:10:00	0.000	3	3	62	62
2022/07/13	03:12:00	0.000	3	3	62	62
2022/07/13	03:14:00	0.000	3	3	61	62
2022/07/13	03:16:00	0.000	2	3	61	62
2022/07/13	03:18:00	0.000	3	3	61	62
2022/07/13	03:20:00	0.000	3	3	61	62
2022/07/13	03:22:00	0.000	3	3	61	62
2022/07/13	03:24:00	0.000	3	3	61	62
2022/07/13	03:26:00	0.000	3	3	61	62
2022/07/13	03:28:00	0.000	3	3	61	62
2022/07/13	03:30:00	0.000	3	3	61	62
2022/07/13	03:32:00	0.000	3	3	61	62
2022/07/13	03:34:00	0.000	3	3	61	62
2022/07/13	03:36:00	0.000	3	3	61	62
2022/07/13	03:38:00	0.000	3	3	61	62
2022/07/13	03:40:00	0.000	2	3	61	62
2022/07/13	03:42:00	0.000	3	3	61	62
2022/07/13	03:44:00	0.000	3	3	61	62
2022/07/13	03:46:00	0.000	3	3	61	62
2022/07/13	03:48:00	0.000	3	3	61	62
2022/07/13	03:50:00	0.000	3	3	61	62
2022/07/13	03:52:00	0.000	3	3	61	62
2022/07/13	03:54:00	0.000	3	3	61	62
2022/07/13	03:56:00	0.000	2	3	61	62
2022/07/13	03:58:00	0.000	3	3	61	62
2022/07/13	04:00:00	0.000	3	3	62	62
2022/07/13	04:02:00	0.000	3	3	62	62
2022/07/13	04:04:00	0.000	3	3	61	62
2022/07/13	04:06:00	0.000	3	3	61	62
2022/07/13	04:08:00	0.000	3	3	61	62
2022/07/13	04:10:00	0.000	3	3	61	62
2022/07/13	04:12:00	0.000	3	3	61	62
2022/07/13	04:14:00	0.000	2	3	61	62

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	04:16:00	0.000	3	3	61	62
2022/07/13	04:18:00	0.000	3	3	61	62
2022/07/13	04:20:00	0.000	3	3	61	62
2022/07/13	04:22:00	0.000	2	3	61	62
2022/07/13	04:24:00	0.000	3	3	61	62
2022/07/13	04:26:00	0.000	3	3	61	62
2022/07/13	04:28:00	0.000	3	3	61	62
2022/07/13	04:30:00	0.000	3	3	61	62
2022/07/13	04:32:00	0.000	2	3	61	61
2022/07/13	04:34:00	0.000	3	3	61	62
2022/07/13	04:36:00	0.000	3	3	61	61
2022/07/13	04:38:00	0.000	3	3	61	61
2022/07/13	04:40:00	0.000	3	3	61	62
2022/07/13	04:42:00	0.000	2	3	61	62
2022/07/13	04:44:00	0.000	3	3	61	62
2022/07/13	04:46:00	0.000	2	3	61	62
2022/07/13	04:48:00	0.000	3	3	61	62
2022/07/13	04:50:00	0.000	3	3	61	61
2022/07/13	04:52:00	0.000	3	3	61	62
2022/07/13	04:54:00	0.000	3	3	61	61
2022/07/13	04:56:00	0.000	3	3	61	61
2022/07/13	04:58:00	0.000	3	3	61	61
2022/07/13	05:00:00	0.000	3	3	61	61
2022/07/13	05:02:00	0.000	3	3	61	61
2022/07/13	05:04:00	0.000	3	3	61	61
2022/07/13	05:06:00	0.000	3	3	61	61
2022/07/13	05:08:00	0.000	2	3	61	61
2022/07/13	05:10:00	0.000	3	3	61	61
2022/07/13	05:12:00	0.000	3	3	60	61
2022/07/13	05:14:00	0.000	3	3	60	61
2022/07/13	05:16:00	0.000	2	3	60	61
2022/07/13	05:18:00	0.000	2	3	61	61
2022/07/13	05:20:00	0.000	2	3	61	61
2022/07/13	05:22:00	0.000	3	3	61	61
2022/07/13	05:24:00	0.000	3	3	61	61
2022/07/13	05:26:00	0.000	3	3	61	61
2022/07/13	05:28:00	0.000	3	3	61	61
2022/07/13	05:30:00	0.000	2	3	61	61
2022/07/13	05:32:00	0.000	3	3	61	61
2022/07/13	05:34:00	0.000	3	3	61	61
2022/07/13	05:36:00	0.000	3	3	61	61
2022/07/13	05:38:00	0.000	2	3	61	61
2022/07/13	05:40:00	0.000	3	3	61	61
2022/07/13	05:42:00	0.000	2	3	61	61
2022/07/13	05:44:00	0.000	3	3	61	61
2022/07/13	05:46:00	0.000	3	3	61	61
2022/07/13	05:48:00	0.000	2	3	60	61
2022/07/13	05:50:00	0.000	3	3	61	61
2022/07/13	05:52:00	0.000	3	3	61	61
2022/07/13	05:54:00	0.000	2	3	61	61
2022/07/13	05:56:00	0.000	3	3	61	61
2022/07/13	05:58:00	0.000	3	3	61	61
2022/07/13	06:00:00	0.000	3	3	60	61
2022/07/13	06:02:00	0.000	3	3	60	61
2022/07/13	06:04:00	0.000	3	3	60	61
2022/07/13	06:06:00	0.000	3	3	61	61
2022/07/13	06:08:00	0.000	2	3	61	61
2022/07/13	06:10:00	0.000	2	3	61	61
2022/07/13	06:12:00	0.000	3	3	61	61
2022/07/13	06:14:00	0.000	3	3	61	61
2022/07/13	06:16:00	0.000	3	3	61	61
2022/07/13	06:18:00	0.000	3	3	61	61
2022/07/13	06:20:00	0.000	2	3	61	61
2022/07/13	06:22:00	0.000	2	3	61	61

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	06:24:00	0.000	3	3	61	61
2022/07/13	06:26:00	0.000	3	3	61	61
2022/07/13	06:28:00	0.000	3	3	61	61
2022/07/13	06:30:00	0.000	3	3	61	61
2022/07/13	06:32:00	0.000	3	3	61	61
2022/07/13	06:34:00	0.000	3	3	61	61
2022/07/13	06:36:00	0.000	3	3	61	61
2022/07/13	06:38:00	0.000	3	3	61	61
2022/07/13	06:40:00	0.000	3	3	61	61
2022/07/13	06:42:00	0.000	3	3	61	61
2022/07/13	06:44:00	0.000	3	3	61	61
2022/07/13	06:46:00	0.000	3	3	61	61
2022/07/13	06:48:00	0.000	3	3	61	61
2022/07/13	06:50:00	0.000	2	3	61	61
2022/07/13	06:52:00	0.000	3	3	61	61
2022/07/13	06:54:00	0.000	3	3	61	61
2022/07/13	06:56:00	0.000	2	3	61	61
2022/07/13	06:58:00	0.000	3	3	61	61
2022/07/13	07:00:00	0.000	3	3	61	61
2022/07/13	07:02:00	0.000	3	3	61	61
2022/07/13	07:04:00	0.000	3	3	61	61
2022/07/13	07:06:00	0.000	3	3	61	61
2022/07/13	07:08:00	0.000	3	3	61	61
2022/07/13	07:10:00	0.000	3	3	61	62
2022/07/13	07:12:00	0.000	3	3	61	61
2022/07/13	07:14:00	0.000	3	3	61	62
2022/07/13	07:16:00	0.000	3	3	61	61
2022/07/13	07:18:00	0.000	3	3	61	61
2022/07/13	07:20:00	0.000	3	3	61	61
2022/07/13	07:22:00	0.000	3	3	61	61
2022/07/13	07:24:00	0.000	3	3	61	62
2022/07/13	07:26:00	0.000	3	3	61	62
2022/07/13	07:28:00	0.000	3	3	61	62
2022/07/13	07:30:00	0.000	3	3	62	62
2022/07/13	07:32:00	0.000	3	3	62	62
2022/07/13	07:34:00	0.000	3	3	62	63
2022/07/13	07:36:00	0.000	3	3	62	63
2022/07/13	07:38:00	0.000	3	3	62	63
2022/07/13	07:40:00	0.000	3	3	62	63
2022/07/13	07:42:00	0.000	3	3	63	63
2022/07/13	07:44:00	0.000	3	3	63	63
2022/07/13	07:46:00	0.000	2	3	63	63
2022/07/13	07:48:00	0.000	3	3	63	63
2022/07/13	07:50:00	0.000	3	3	63	63
2022/07/13	07:52:00	0.000	3	3	63	63
2022/07/13	07:54:00	0.000	3	3	63	63
2022/07/13	07:56:00	0.000	3	3	63	63
2022/07/13	07:58:00	0.000	3	3	62	63
2022/07/13	08:00:00	0.000	3	3	62	63
2022/07/13	08:02:00	0.000	3	3	62	63
2022/07/13	08:04:00	0.000	3	3	62	63
2022/07/13	08:06:00	0.000	2	3	63	63
2022/07/13	08:08:00	0.000	3	3	63	63
2022/07/13	08:10:00	0.000	3	3	63	63
2022/07/13	08:12:00	0.000	3	3	63	63
2022/07/13	08:14:00	0.000	3	3	63	63
2022/07/13	08:16:00	0.000	3	3	63	63
2022/07/13	08:18:00	0.000	3	3	63	64
2022/07/13	08:20:00	0.000	3	3	63	64
2022/07/13	08:22:00	0.000	3	3	63	64
2022/07/13	08:24:00	0.000	3	3	63	64
2022/07/13	08:26:00	0.000	3	3	63	63
2022/07/13	08:28:00	0.000	3	3	63	63
2022/07/13	08:30:00	0.000	3	3	63	63

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	08:32:00	0.000	3	3	63	63
2022/07/13	08:34:00	0.000	3	2008	63	63
2022/07/13	08:36:00	0.000	3	1973	63	65
2022/07/13	08:38:00	0.000	3	1637	65	66
2022/07/13	08:40:00	0.000	1325	2030	65	1647
2022/07/13	08:42:00	0.000	1249	1377	1429	1613
2022/07/13	08:44:00	0.000	1310	1373	1456	1494
2022/07/13	08:46:00	0.000	1302	1358	1494	1558
2022/07/13	08:48:00	0.000	1276	1347	1549	1566
2022/07/13	08:50:00	0.000	1248	1329	1528	1558
2022/07/13	08:52:00	0.000	1270	1333	1541	1569
2022/07/13	08:54:00	0.000	1247	1314	1558	1564
2022/07/13	08:56:00	0.000	1240	1314	1555	1589
2022/07/13	08:58:00	0.000	1241	1308	1577	1585
2022/07/13	09:00:00	0.000	1223	1313	1572	1593
2022/07/13	09:02:00	0.000	1196	1299	1553	1572
2022/07/13	09:04:00	0.000	1200	1299	1554	1581
2022/07/13	09:06:00	0.000	2	1706	1201	1583
2022/07/13	09:08:00	0.000	2	3	717	1201
2022/07/13	09:10:00	0.000	2	3	516	717
2022/07/13	09:12:00	0.000	2	3	403	516
2022/07/13	09:14:00	0.000	2	3	332	403
2022/07/13	09:16:00	0.000	2	3	284	332
2022/07/13	09:18:00	0.000	2	3	248	284
2022/07/13	09:20:00	0.000	2	3	223	248
2022/07/13	09:22:00	0.000	3	3	203	223
2022/07/13	09:24:00	0.000	2	2030	179	203
2022/07/13	09:26:00	0.000	1303	1803	177	1776
2022/07/13	09:28:00	0.000	1273	1335	1414	1645
2022/07/13	09:30:00	0.000	1243	1332	1477	1500
2022/07/13	09:32:00	0.000	1255	1319	1500	1582
2022/07/13	09:34:00	0.000	1248	1330	1563	1588
2022/07/13	09:36:00	0.000	1261	1325	1553	1569
2022/07/13	09:38:00	0.000	1229	1321	1565	1577
2022/07/13	09:40:00	0.000	1251	1349	1577	1623
2022/07/13	09:42:00	0.000	1192	1302	1561	1609
2022/07/13	09:44:00	0.000	1210	1330	1558	1566
2022/07/13	09:46:00	0.000	1229	1324	1564	1589
2022/07/13	09:48:00	0.000	1225	1310	1566	1574
2022/07/13	09:50:00	0.000	1190	1293	1568	1582
2022/07/13	09:52:00	0.000	487	1901	1556	1725
2022/07/13	09:54:00	0.000	2	1799	1001	1712
2022/07/13	09:56:00	0.000	2	3	642	1001
2022/07/13	09:58:00	0.000	2	3	480	642
2022/07/13	10:00:00	0.000	2	3	388	480
2022/07/13	10:02:00	0.000	2	3	325	388
2022/07/13	10:04:00	0.000	2	3	285	325
2022/07/13	10:06:00	0.000	2	3	254	285
2022/07/13	10:08:00	0.000	2	3	230	254
2022/07/13	10:10:00	0.000	2	3	213	230
2022/07/13	10:12:00	0.000	2	3	198	213
2022/07/13	10:14:00	0.000	2	3	188	198
2022/07/13	10:16:00	0.000	2	3	176	188
2022/07/13	10:18:00	0.000	2	3	170	176
2022/07/13	10:20:00	0.000	2	3	161	170
2022/07/13	10:22:00	0.000	2	3	155	161
2022/07/13	10:24:00	0.000	2	3	150	155
2022/07/13	10:26:00	0.000	2	3	144	150
2022/07/13	10:28:00	0.000	2	3	140	144
2022/07/13	10:30:00	0.000	2	3	138	140
2022/07/13	10:32:00	0.000	2	3	133	138
2022/07/13	10:34:00	0.000	3	3	129	133
2022/07/13	10:36:00	0.000	2	3	126	129
2022/07/13	10:38:00	0.000	2	3	123	126

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	10:40:00	0.000	2	3	121	123
2022/07/13	10:42:00	0.000	2	3	120	121
2022/07/13	10:44:00	0.000	2	3	118	120
2022/07/13	10:46:00	0.000	2	3	116	118
2022/07/13	10:48:00	0.000	3	3	114	117
2022/07/13	10:50:00	0.000	2	3	113	114
2022/07/13	10:52:00	0.000	2	3	112	113
2022/07/13	10:54:00	0.000	2	3	110	112
2022/07/13	10:56:00	0.000	2	3	109	111
2022/07/13	10:58:00	0.000	2	3	108	110
2022/07/13	11:00:00	0.000	3	3	106	108
2022/07/13	11:02:00	0.000	3	3	104	106
2022/07/13	11:04:00	0.000	3	3	103	104
2022/07/13	11:06:00	0.000	2	3	101	103
2022/07/13	11:08:00	0.000	3	3	100	101
2022/07/13	11:10:00	0.000	2	3	99	100
2022/07/13	11:12:00	0.000	2	3	98	100
2022/07/13	11:14:00	0.000	2	3	98	98
2022/07/13	11:16:00	0.000	3	3	96	98
2022/07/13	11:18:00	0.000	3	3	96	98
2022/07/13	11:20:00	0.000	3	3	95	96
2022/07/13	11:22:00	0.000	2	3	95	96
2022/07/13	11:24:00	0.000	2	3	94	96
2022/07/13	11:26:00	0.000	2	3	93	94
2022/07/13	11:28:00	0.000	2	2050	91	93
2022/07/13	11:30:00	0.000	1350	1851	91	1494
2022/07/13	11:32:00	0.000	1325	1372	1494	1567
2022/07/13	11:34:00	0.000	1344	1398	1520	1616
2022/07/13	11:36:00	0.000	1349	1413	1609	1620
2022/07/13	11:38:00	0.000	1299	1376	1550	1611
2022/07/13	11:40:00	0.000	1302	1350	1533	1550
2022/07/13	11:42:00	0.000	1312	1351	1535	1558
2022/07/13	11:44:00	0.000	1309	1353	1558	1585
2022/07/13	11:46:00	0.000	1323	1361	1572	1593
2022/07/13	11:48:00	0.000	1321	1362	1593	1617
2022/07/13	11:50:00	0.000	1315	1363	1594	1611
2022/07/13	11:52:00	0.000	1315	1362	1603	1613
2022/07/13	11:54:00	0.000	1313	1365	1565	1603
2022/07/13	11:56:00	0.000	1305	1357	1544	1568
2022/07/13	11:58:00	0.000	1296	1350	1548	1559
2022/07/13	12:00:00	0.000	1265	1326	1543	1558
2022/07/13	12:02:00	0.000	1247	1358	1558	1588
2022/07/13	12:04:00	0.000	1294	1348	1588	1597
2022/07/13	12:06:00	0.000	1284	1337	1578	1599
2022/07/13	12:08:00	0.000	1254	1326	1545	1580
2022/07/13	12:10:00	0.000	1232	1320	1560	1580
2022/07/13	12:12:00	0.000	1260	1332	1569	1584
2022/07/13	12:14:00	0.000	1233	1317	1554	1578
2022/07/13	12:16:00	0.000	1232	1328	1551	1588
2022/07/13	12:18:00	0.000	1215	1322	1580	1589
2022/07/13	12:20:00	0.000	1218	1315	1582	1592
2022/07/13	12:22:00	0.000	1219	1314	1576	1589
2022/07/13	12:24:00	0.000	1255	1332	1576	1609
2022/07/13	12:26:00	0.000	1222	1320	1584	1608
2022/07/13	12:28:00	0.000	1214	1311	1563	1589
2022/07/13	12:30:00	0.000	1217	1313	1563	1577
2022/07/13	12:32:00	0.000	407	1853	1543	1660
2022/07/13	12:34:00	0.000	2	1713	908	1617
2022/07/13	12:36:00	0.000	2	3	611	908
2022/07/13	12:38:00	0.000	2	3	468	611
2022/07/13	12:40:00	0.000	2	3	386	468
2022/07/13	12:42:00	0.000	2	3	332	386
2022/07/13	12:44:00	0.000	2	3	287	332
2022/07/13	12:46:00	0.000	2	1965	281	1766

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/13	12:48:00	0.000	1255	1334	1462	1695	
2022/07/13	12:50:00	0.000	1303	1354	1508	1620	
2022/07/13	12:52:00	0.000	1259	1336	1581	1621	
2022/07/13	12:54:00	0.000	1240	1310	1520	1581	
2022/07/13	12:56:00	0.000	1253	1335	1520	1590	
2022/07/13	12:58:00	0.000	1248	1329	1571	1591	
2022/07/13	13:00:00	0.000	1235	1318	1540	1574	
2022/07/13	13:02:00	0.000	1212	1317	1540	1561	
2022/07/13	13:04:00	0.000	1262	1343	1557	1598	
2022/07/13	13:06:00	0.000	1205	1338	1576	1607	
2022/07/13	13:08:00	0.000	1205	1317	1566	1580	
2022/07/13	13:10:00	0.000	1220	1310	1567	1574	
2022/07/13	13:12:00	0.000	621	1762	1551	1625	
2022/07/13	13:14:00	0.000	1181	1332	1574	1653	
2022/07/13	13:16:00	0.000	1238	1323	1580	1615	
2022/07/13	13:18:00	0.000	1255	1321	1598	1618	
2022/07/13	13:20:00	0.000	1174	1323	1560	1611	
2022/07/13	13:22:00	0.000	1209	1311	1535	1561	
2022/07/13	13:24:00	0.000	1198	1309	1551	1579	
2022/07/13	13:26:00	0.000	1225	1325	1579	1601	
2022/07/13	13:28:00	0.000	476	1836	1563	1599	
2022/07/13	13:30:00	0.000	2	1836	1249	1685	
2022/07/13	13:32:00	0.000	2	3	744	1249	
2022/07/13	13:34:00	0.000	2	3	540	744	
2022/07/13	13:36:00	0.000	2	3	431	540	
2022/07/13	13:38:00	0.000	2	3	363	431	
2022/07/13	13:40:00	0.000	2	3	318	363	
2022/07/13	13:42:00	0.000	2	3	283	318	
2022/07/13	13:44:00	0.000	2	3	258	283	
2022/07/13	13:46:00	0.000	2	3	237	258	
2022/07/13	13:48:00	0.000	2	3	221	237	
2022/07/13	13:50:00	0.000	2	3	207	221	
2022/07/13	13:52:00	0.000	2	3	197	207	
2022/07/13	13:54:00	0.000	2	3	187	197	
2022/07/13	13:56:00	0.000	2	3	180	187	
2022/07/13	13:58:00	0.000	2	3	173	180	
2022/07/13	14:00:00	0.000	2	3	166	173	
2022/07/13	14:02:00	0.000	2	3	160	166	
2022/07/13	14:04:00	0.000	2	3	157	160	
2022/07/13	14:06:00	0.000	2	1991	151	1549	
2022/07/13	14:08:00	0.000	1235	1460	1458	1748	
2022/07/13	14:10:00	0.000	1292	1358	1456	1547	
2022/07/13	14:12:00	0.000	1279	1352	1547	1572	
2022/07/13	14:14:00	0.000	1271	1345	1554	1572	
2022/07/13	14:16:00	0.000	1275	1332	1553	1572	
2022/07/13	14:18:00	0.000	1258	1329	1560	1588	
2022/07/13	14:20:00	0.000	1251	1352	1574	1612	
2022/07/13	14:22:00	0.000	1280	1343	1604	1625	
2022/07/13	14:24:00	0.000	1235	1326	1574	1604	
2022/07/13	14:26:00	0.000	1252	1321	1560	1574	
2022/07/13	14:28:00	0.000	1270	1328	1555	1562	
2022/07/13	14:30:00	0.000	1278	1343	1553	1591	
2022/07/13	14:32:00	0.000	1279	1336	1591	1599	
2022/07/13	14:34:00	0.000	1200	1320	1563	1599	
2022/07/13	14:36:00	0.000	1221	1326	1555	1570	
2022/07/13	14:38:00	0.000	1270	1326	1566	1588	
2022/07/13	14:40:00	0.000	1277	1331	1586	1598	
2022/07/13	14:42:00	0.000	1266	1328	1595	1604	
2022/07/13	14:44:00	0.000	1222	1315	1551	1601	
2022/07/13	14:46:00	0.000	1230	1314	1550	1556	
2022/07/13	14:48:00	0.000	1221	1314	1551	1573	
2022/07/13	14:50:00	0.000	1274	1328	1573	1625	
2022/07/13	14:52:00	0.000	1277	1328	1614	1636	
2022/07/13	14:54:00	0.000	1221	1325	1577	1617	

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/13	14:56:00	0.000	1211	1334	1551	1577	
2022/07/13	14:58:00	0.000	1255	1335	1562	1593	
2022/07/13	15:00:00	0.000	1177	1316	1541	1580	
2022/07/13	15:02:00	0.000	1250	1318	1541	1560	
2022/07/13	15:04:00	0.000	1247	1323	1560	1592	
2022/07/13	15:06:00	0.000	1223	1314	1585	1597	
2022/07/13	15:08:00	0.000	1222	1306	1563	1593	
2022/07/13	15:10:00	0.000	1212	1309	1565	1576	
2022/07/13	15:12:00	0.000	1192	1323	1563	1585	
2022/07/13	15:14:00	0.000	1183	1328	1574	1597	
2022/07/13	15:16:00	0.000	1247	1326	1596	1622	
2022/07/13	15:18:00	0.000	1189	1313	1596	1623	
2022/07/13	15:20:00	0.000	1226	1319	1594	1599	
2022/07/13	15:22:00	0.000	1230	1318	1572	1594	
2022/07/13	15:24:00	0.000	1234	1315	1566	1580	
2022/07/13	15:26:00	0.000	1186	1315	1576	1581	
2022/07/13	15:28:00	0.000	1262	1331	1581	1606	
2022/07/13	15:30:00	0.000	1234	1328	1599	1605	
2022/07/13	15:32:00	0.000	1209	1321	1576	1599	
2022/07/13	15:34:00	0.000	1230	1315	1575	1587	
2022/07/13	15:36:00	0.000	1214	1309	1554	1580	
2022/07/13	15:38:00	0.000	1201	1319	1533	1554	
2022/07/13	15:40:00	0.000	605	1874	1540	1651	
2022/07/13	15:42:00	0.000	2	1774	1171	1704	
2022/07/13	15:44:00	0.000	2	3	716	1171	
2022/07/13	15:46:00	0.000	2	3	524	716	
2022/07/13	15:48:00	0.000	2	3	423	524	
2022/07/13	15:50:00	0.000	2	3	360	423	
2022/07/13	15:52:00	0.000	2	3	315	360	
2022/07/13	15:54:00	0.000	2	3	283	315	
2022/07/13	15:56:00	0.000	2	3	256	283	
2022/07/13	15:58:00	0.000	2	3	237	256	
2022/07/13	16:00:00	0.000	2	3	219	237	
2022/07/13	16:02:00	0.000	2	3	206	219	
2022/07/13	16:04:00	0.000	2	3	195	206	
2022/07/13	16:06:00	0.000	2	3	186	195	
2022/07/13	16:08:00	0.000	2	3	178	186	
2022/07/13	16:10:00	0.000	2	3	170	178	
2022/07/13	16:12:00	0.000	2	3	164	170	
2022/07/13	16:14:00	0.000	2	3	158	164	
2022/07/13	16:16:00	0.000	2	3	153	158	
2022/07/13	16:18:00	0.000	2	3	149	153	
2022/07/13	16:20:00	0.000	2	3	146	149	
2022/07/13	16:22:00	0.000	2	3	142	146	
2022/07/13	16:24:00	0.000	2	3	139	142	
2022/07/13	16:26:00	0.000	2	3	134	139	
2022/07/13	16:28:00	0.000	2	3	134	135	
2022/07/13	16:30:00	0.000	2	3	132	134	
2022/07/13	16:32:00	0.000	2	3	129	132	
2022/07/13	16:34:00	0.000	2	3	126	129	
2022/07/13	16:36:00	0.000	2	3	124	127	
2022/07/13	16:38:00	0.000	2	3	123	124	
2022/07/13	16:40:00	0.000	2	3	121	123	
2022/07/13	16:42:00	0.000	2	3	120	121	
2022/07/13	16:44:00	0.000	2	3	117	120	
2022/07/13	16:46:00	0.000	2	3	116	117	
2022/07/13	16:48:00	0.000	2	3	114	116	
2022/07/13	16:50:00	0.000	2	3	114	115	
2022/07/13	16:52:00	0.000	2	3	112	114	
2022/07/13	16:54:00	0.000	2	3	110	112	
2022/07/13	16:56:00	0.000	2	3	109	110	
2022/07/13	16:58:00	0.000	2	3	108	109	
2022/07/13	17:00:00	0.000	2	3	107	108	
2022/07/13	17:02:00	0.000	2	3	106	107	

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	17:04:00	0.000	2	3	105	106
2022/07/13	17:06:00	0.000	2	3	103	105
2022/07/13	17:08:00	0.000	2	3	103	104
2022/07/13	17:10:00	0.000	2	3	102	104
2022/07/13	17:12:00	0.000	2	3	101	102
2022/07/13	17:14:00	0.000	2	3	100	101
2022/07/13	17:16:00	0.000	2	3	100	101
2022/07/13	17:18:00	0.000	2	3	100	101
2022/07/13	17:20:00	0.000	2	3	99	100
2022/07/13	17:22:00	0.000	2	3	98	99
2022/07/13	17:24:00	0.000	2	3	98	98
2022/07/13	17:26:00	0.000	2	3	97	98
2022/07/13	17:28:00	0.000	2	3	95	97
2022/07/13	17:30:00	0.000	2	3	95	96
2022/07/13	17:32:00	0.000	2	3	95	96
2022/07/13	17:34:00	0.000	2	3	95	95
2022/07/13	17:36:00	0.000	2	3	93	95
2022/07/13	17:38:00	0.000	2	3	93	94
2022/07/13	17:40:00	0.000	2	3	93	93
2022/07/13	17:42:00	0.000	2	3	92	93
2022/07/13	17:44:00	0.000	2	3	91	93
2022/07/13	17:46:00	0.000	2	3	91	92
2022/07/13	17:48:00	0.000	2	3	90	91
2022/07/13	17:50:00	0.000	2	3	90	90
2022/07/13	17:52:00	0.000	2	3	90	90
2022/07/13	17:54:00	0.000	2	3	89	90
2022/07/13	17:56:00	0.000	2	3	89	89
2022/07/13	17:58:00	0.000	2	3	88	89
2022/07/13	18:00:00	0.000	2	3	88	89
2022/07/13	18:02:00	0.000	2	3	88	88
2022/07/13	18:04:00	0.000	2	3	87	88
2022/07/13	18:06:00	0.000	2	3	87	87
2022/07/13	18:08:00	0.000	2	3	87	87
2022/07/13	18:10:00	0.000	2	3	87	87
2022/07/13	18:12:00	0.000	2	3	86	87
2022/07/13	18:14:00	0.000	2	3	86	87
2022/07/13	18:16:00	0.000	2	3	85	86
2022/07/13	18:18:00	0.000	2	3	85	85
2022/07/13	18:20:00	0.000	2	3	85	85
2022/07/13	18:22:00	0.000	2	3	85	85
2022/07/13	18:24:00	0.000	2	3	85	85
2022/07/13	18:26:00	0.000	3	3	85	85
2022/07/13	18:28:00	0.000	2	3	84	85
2022/07/13	18:30:00	0.000	2	3	83	84
2022/07/13	18:32:00	0.000	2	3	83	83
2022/07/13	18:34:00	0.000	2	3	83	83
2022/07/13	18:36:00	0.000	2	3	82	83
2022/07/13	18:38:00	0.000	2	3	82	82
2022/07/13	18:40:00	0.000	2	3	82	82
2022/07/13	18:42:00	0.000	2	3	82	82
2022/07/13	18:44:00	0.000	2	3	81	82
2022/07/13	18:46:00	0.000	2	3	81	82
2022/07/13	18:48:00	0.000	2	3	81	81
2022/07/13	18:50:00	0.000	2	3	80	81
2022/07/13	18:52:00	0.000	2	3	79	80
2022/07/13	18:54:00	0.000	2	3	79	79
2022/07/13	18:56:00	0.000	2	3	79	79
2022/07/13	18:58:00	0.000	2	3	79	79
2022/07/13	19:00:00	0.000	2	3	79	79
2022/07/13	19:02:00	0.000	2	3	79	79
2022/07/13	19:04:00	0.000	2	3	78	79
2022/07/13	19:06:00	0.000	2	3	77	78
2022/07/13	19:08:00	0.000	2	3	77	78
2022/07/13	19:10:00	0.000	3	3	77	77

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag		1		1
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	19:12:00	0.000	2	3	77	77
2022/07/13	19:14:00	0.000	2	3	77	77
2022/07/13	19:16:00	0.000	2	3	77	77
2022/07/13	19:18:00	0.000	2	3	76	77
2022/07/13	19:20:00	0.000	2	3	76	76
2022/07/13	19:22:00	0.000	3	3	75	76
2022/07/13	19:24:00	0.000	2	3	75	76
2022/07/13	19:26:00	0.000	2	3	75	75
2022/07/13	19:28:00	0.000	2	3	75	75
2022/07/13	19:30:00	0.000	3	3	75	75
2022/07/13	19:32:00	0.000	2	3	74	75
2022/07/13	19:34:00	0.000	2	3	74	75
2022/07/13	19:36:00	0.000	3	3	74	74
2022/07/13	19:38:00	0.000	2	3	74	74
2022/07/13	19:40:00	0.000	3	3	74	74
2022/07/13	19:42:00	0.000	2	3	74	74
2022/07/13	19:44:00	0.000	3	3	73	74
2022/07/13	19:46:00	0.000	2	3	73	73
2022/07/13	19:48:00	0.000	2	3	73	73
2022/07/13	19:50:00	0.000	2	3	73	73
2022/07/13	19:52:00	0.000	2	3	72	73
2022/07/13	19:54:00	0.000	2	3	72	73
2022/07/13	19:56:00	0.000	2	3	72	73
2022/07/13	19:58:00	0.000	3	3	72	72
2022/07/13	20:00:00	0.000	3	3	72	72
2022/07/13	20:02:00	0.000	2	3	71	72
2022/07/13	20:04:00	0.000	3	3	71	71
2022/07/13	20:06:00	0.000	2	3	71	71
2022/07/13	20:08:00	0.000	2	3	71	71
2022/07/13	20:10:00	0.000	3	3	71	71
2022/07/13	20:12:00	0.000	3	3	71	71
2022/07/13	20:14:00	0.000	2	3	71	71
2022/07/13	20:16:00	0.000	3	3	71	71
2022/07/13	20:18:00	0.000	3	3	70	71
2022/07/13	20:20:00	0.000	3	3	70	71
2022/07/13	20:22:00	0.000	3	3	70	70
2022/07/13	20:24:00	0.000	3	3	70	70
2022/07/13	20:26:00	0.000	3	3	70	70
2022/07/13	20:28:00	0.000	3	3	69	70
2022/07/13	20:30:00	0.000	2	3	69	70
2022/07/13	20:32:00	0.000	2	3	69	69
2022/07/13	20:34:00	0.000	3	3	68	69
2022/07/13	20:36:00	0.000	3	3	68	69
2022/07/13	20:38:00	0.000	3	3	68	69
2022/07/13	20:40:00	0.000	3	3	68	69
2022/07/13	20:42:00	0.000	3	3	68	69
2022/07/13	20:44:00	0.000	2	3	68	69
2022/07/13	20:46:00	0.000	2	3	68	69
2022/07/13	20:48:00	0.000	3	3	68	69
2022/07/13	20:50:00	0.000	3	3	68	69
2022/07/13	20:52:00	0.000	3	3	68	69
2022/07/13	20:54:00	0.000	3	3	68	69
2022/07/13	20:56:00	0.000	3	3	68	69
2022/07/13	20:58:00	0.000	3	3	68	68
2022/07/13	21:00:00	0.000	3	3	67	68
2022/07/13	21:02:00	0.000	2	3	67	68
2022/07/13	21:04:00	0.000	3	3	67	68
2022/07/13	21:06:00	0.000	3	3	67	67
2022/07/13	21:08:00	0.000	3	3	67	67
2022/07/13	21:10:00	0.000	3	3	67	67
2022/07/13	21:12:00	0.000	3	3	66	67
2022/07/13	21:14:00	0.000	2	3	66	67
2022/07/13	21:16:00	0.000	3	3	66	67
2022/07/13	21:18:00	0.000	2	3	66	67

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	21:20:00	0.000	2	3	66	67
2022/07/13	21:22:00	0.000	3	3	66	66
2022/07/13	21:24:00	0.000	3	3	66	67
2022/07/13	21:26:00	0.000	2	3	66	66
2022/07/13	21:28:00	0.000	2	3	66	66
2022/07/13	21:30:00	0.000	3	3	66	66
2022/07/13	21:32:00	0.000	3	3	66	66
2022/07/13	21:34:00	0.000	3	3	66	66
2022/07/13	21:36:00	0.000	3	3	65	66
2022/07/13	21:38:00	0.000	3	3	65	66
2022/07/13	21:40:00	0.000	3	3	65	66
2022/07/13	21:42:00	0.000	3	3	65	65
2022/07/13	21:44:00	0.000	3	3	65	65
2022/07/13	21:46:00	0.000	3	3	65	65
2022/07/13	21:48:00	0.000	3	3	65	65
2022/07/13	21:50:00	0.000	3	3	65	65
2022/07/13	21:52:00	0.000	3	3	65	65
2022/07/13	21:54:00	0.000	3	3	65	65
2022/07/13	21:56:00	0.000	3	3	65	65
2022/07/13	21:58:00	0.000	3	3	64	65
2022/07/13	22:00:00	0.000	3	3	64	65
2022/07/13	22:02:00	0.000	3	3	64	65
2022/07/13	22:04:00	0.000	2	3	64	65
2022/07/13	22:06:00	0.000	3	3	64	64
2022/07/13	22:08:00	0.000	3	3	64	64
2022/07/13	22:10:00	0.000	3	3	64	64
2022/07/13	22:12:00	0.000	2	3	64	64
2022/07/13	22:14:00	0.000	3	3	63	64
2022/07/13	22:16:00	0.000	3	3	63	64
2022/07/13	22:18:00	0.000	3	3	63	64
2022/07/13	22:20:00	0.000	3	3	63	64
2022/07/13	22:22:00	0.000	3	3	63	64
2022/07/13	22:24:00	0.000	3	3	63	63
2022/07/13	22:26:00	0.000	3	3	63	63
2022/07/13	22:28:00	0.000	3	3	63	64
2022/07/13	22:30:00	0.000	3	3	63	63
2022/07/13	22:32:00	0.000	3	3	63	63
2022/07/13	22:34:00	0.000	3	3	63	63
2022/07/13	22:36:00	0.000	3	3	63	63
2022/07/13	22:38:00	0.000	3	3	63	63
2022/07/13	22:40:00	0.000	2	3	63	63
2022/07/13	22:42:00	0.000	3	3	63	63
2022/07/13	22:44:00	0.000	3	3	63	63
2022/07/13	22:46:00	0.000	3	3	63	63
2022/07/13	22:48:00	0.000	3	3	63	63
2022/07/13	22:50:00	0.000	2	3	63	63
2022/07/13	22:52:00	0.000	3	3	63	63
2022/07/13	22:54:00	0.000	2	3	63	63
2022/07/13	22:56:00	0.000	3	3	63	63
2022/07/13	22:58:00	0.000	3	3	63	63
2022/07/13	23:00:00	0.000	3	3	63	63
2022/07/13	23:02:00	0.000	3	3	63	63
2022/07/13	23:04:00	0.000	3	3	63	63
2022/07/13	23:06:00	0.000	3	3	63	63
2022/07/13	23:08:00	0.000	3	3	63	63
2022/07/13	23:10:00	0.000	2	3	63	63
2022/07/13	23:12:00	0.000	3	3	63	63
2022/07/13	23:14:00	0.000	3	3	63	63
2022/07/13	23:16:00	0.000	3	3	63	63
2022/07/13	23:18:00	0.000	3	3	62	63
2022/07/13	23:20:00	0.000	3	3	62	63
2022/07/13	23:22:00	0.000	3	3	63	63
2022/07/13	23:24:00	0.000	3	3	63	63
2022/07/13	23:26:00	0.000	3	3	62	63

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	23:28:00	0.000	3	3	63	63
2022/07/13	23:30:00	0.000	3	3	63	63
2022/07/13	23:32:00	0.000	3	3	63	63
2022/07/13	23:34:00	0.000	3	3	62	63
2022/07/13	23:36:00	0.000	3	3	63	63
2022/07/13	23:38:00	0.000	3	3	62	63
2022/07/13	23:40:00	0.000	3	3	63	63
2022/07/13	23:42:00	0.000	2	3	63	63
2022/07/13	23:44:00	0.000	3	3	63	63
2022/07/13	23:46:00	0.000	3	3	63	63
2022/07/13	23:48:00	0.000	3	3	63	63
2022/07/13	23:50:00	0.000	2	3	63	63
2022/07/13	23:52:00	0.000	3	3	62	63
2022/07/13	23:54:00	0.000	3	3	63	63
2022/07/13	23:56:00	0.000	3	3	63	63
2022/07/13	23:58:00	0.000	3	3	62	63

Average	217	274	355	383
Min	2	3	60	61
Max	1350	2050	1614	1776

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	00:00:00	0.000	3	3	62	63
2022/07/14	00:02:00	0.000	3	3	62	63
2022/07/14	00:04:00	0.000	3	3	62	63
2022/07/14	00:06:00	0.000	3	3	62	63
2022/07/14	00:08:00	0.000	3	3	62	63
2022/07/14	00:10:00	0.000	2	3	63	63
2022/07/14	00:12:00	0.000	3	3	62	63
2022/07/14	00:14:00	0.000	3	3	62	63
2022/07/14	00:16:00	0.000	3	3	62	63
2022/07/14	00:18:00	0.000	3	3	62	63
2022/07/14	00:20:00	0.000	3	3	62	63
2022/07/14	00:22:00	0.000	2	3	62	63
2022/07/14	00:24:00	0.000	3	3	62	63
2022/07/14	00:26:00	0.000	2	3	62	63
2022/07/14	00:28:00	0.000	2	3	62	62
2022/07/14	00:30:00	0.000	3	3	62	63
2022/07/14	00:32:00	0.000	3	3	62	63
2022/07/14	00:34:00	0.000	3	3	62	63
2022/07/14	00:36:00	0.000	3	3	62	62
2022/07/14	00:38:00	0.000	3	3	62	62
2022/07/14	00:40:00	0.000	3	3	62	63
2022/07/14	00:42:00	0.000	3	3	62	63
2022/07/14	00:44:00	0.000	3	3	62	62
2022/07/14	00:46:00	0.000	3	3	62	62
2022/07/14	00:48:00	0.000	3	3	62	62
2022/07/14	00:50:00	0.000	3	3	62	62
2022/07/14	00:52:00	0.000	3	3	61	62
2022/07/14	00:54:00	0.000	3	3	61	62
2022/07/14	00:56:00	0.000	2	3	62	62
2022/07/14	00:58:00	0.000	3	3	61	62
2022/07/14	01:00:00	0.000	3	3	61	62
2022/07/14	01:02:00	0.000	3	3	61	62
2022/07/14	01:04:00	0.000	3	3	61	62
2022/07/14	01:06:00	0.000	3	3	61	62
2022/07/14	01:08:00	0.000	3	3	61	62
2022/07/14	01:10:00	0.000	2	3	61	61
2022/07/14	01:12:00	0.000	3	3	61	62
2022/07/14	01:14:00	0.000	3	3	61	61
2022/07/14	01:16:00	0.000	3	3	61	61
2022/07/14	01:18:00	0.000	3	2369	61	65
2022/07/14	01:20:00	0.000	3	2415	65	1822
2022/07/14	01:22:00	0.000	2303	2329	1675	1828
2022/07/14	01:24:00	0.000	2320	2346	1676	1690
2022/07/14	01:26:00	0.000	2313	2348	1679	1712
2022/07/14	01:28:00	0.000	2299	2344	1666	1709
2022/07/14	01:30:00	0.000	2339	2370	1603	1679
2022/07/14	01:32:00	0.000	2364	2411	1588	1661
2022/07/14	01:34:00	0.000	2403	2423	1661	1729
2022/07/14	01:36:00	0.000	2412	2434	1665	1729
2022/07/14	01:38:00	0.000	2210	2423	1607	1687
2022/07/14	01:40:00	0.000	2173	2234	1524	1607
2022/07/14	01:42:00	0.000	2225	2254	1542	1564
2022/07/14	01:44:00	0.000	2181	2253	1507	1542
2022/07/14	01:46:00	0.000	2187	2217	1506	1554
2022/07/14	01:48:00	0.000	2214	2253	1553	1597
2022/07/14	01:50:00	0.000	2226	2261	1591	1617
2022/07/14	01:52:00	0.000	2254	2282	1582	1595
2022/07/14	01:54:00	0.000	2184	2272	1571	1642
2022/07/14	01:56:00	0.000	2162	2217	1513	1592
2022/07/14	01:58:00	0.000	2204	2235	1560	1592
2022/07/14	02:00:00	0.000	2183	2222	1543	1566
2022/07/14	02:02:00	0.000	2131	2192	1515	1549
2022/07/14	02:04:00	0.000	2131	2161	1549	1579
2022/07/14	02:06:00	0.000	2155	2179	1553	1615

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/14	02:08:00	0.000	2153	2190	1587	1637	
2022/07/14	02:10:00	0.000	2044	2155	1539	1605	
2022/07/14	02:12:00	0.000	1979	2044	1487	1539	
2022/07/14	02:14:00	0.000	1977	2004	1523	1644	
2022/07/14	02:16:00	0.000	1974	2009	1607	1648	
2022/07/14	02:18:00	0.000	1985	2013	1593	1607	
2022/07/14	02:20:00	0.000	1988	2030	1563	1607	
2022/07/14	02:22:00	0.000	2013	2035	1566	1599	
2022/07/14	02:24:00	0.000	2017	2040	1594	1614	
2022/07/14	02:26:00	0.000	2028	2049	1599	1614	
2022/07/14	02:28:00	0.000	1936	2043	1513	1599	
2022/07/14	02:30:00	0.000	1893	1946	1499	1545	
2022/07/14	02:32:00	0.000	1885	1906	1545	1563	
2022/07/14	02:34:00	0.000	1876	1918	1561	1578	
2022/07/14	02:36:00	0.000	1831	1902	1561	1566	
2022/07/14	02:38:00	0.000	1754	1842	1531	1562	
2022/07/14	02:40:00	0.000	1643	1758	1510	1531	
2022/07/14	02:42:00	0.000	1556	1659	1505	1518	
2022/07/14	02:44:00	0.000	1453	1567	1494	1519	
2022/07/14	02:46:00	0.000	1402	1464	1512	1549	
2022/07/14	02:48:00	0.000	1408	1445	1514	1547	
2022/07/14	02:50:00	0.000	1406	1442	1547	1561	
2022/07/14	02:52:00	0.000	1410	1446	1561	1592	
2022/07/14	02:54:00	0.000	1407	1442	1578	1584	
2022/07/14	02:56:00	0.000	1407	1447	1577	1582	
2022/07/14	02:58:00	0.000	1409	1445	1574	1584	
2022/07/14	03:00:00	0.000	1415	1454	1575	1589	
2022/07/14	03:02:00	0.000	1422	1451	1577	1591	
2022/07/14	03:04:00	0.000	1398	1437	1568	1583	
2022/07/14	03:06:00	0.000	1387	1426	1555	1568	
2022/07/14	03:08:00	0.000	1388	1421	1563	1578	
2022/07/14	03:10:00	0.000	1383	1409	1569	1599	
2022/07/14	03:12:00	0.000	1373	1402	1593	1609	
2022/07/14	03:14:00	0.000	1339	1399	1566	1593	
2022/07/14	03:16:00	0.000	1339	1385	1545	1566	
2022/07/14	03:18:00	0.000	1329	1379	1541	1555	
2022/07/14	03:20:00	0.000	1323	1379	1555	1564	
2022/07/14	03:22:00	0.000	1320	1365	1564	1580	
2022/07/14	03:24:00	0.000	1328	1372	1566	1584	
2022/07/14	03:26:00	0.000	1317	1365	1575	1585	
2022/07/14	03:28:00	0.000	1328	1369	1577	1598	
2022/07/14	03:30:00	0.000	1344	1382	1584	1607	
2022/07/14	03:32:00	0.000	1332	1378	1604	1611	
2022/07/14	03:34:00	0.000	1339	1382	1592	1615	
2022/07/14	03:36:00	0.000	1282	1382	1535	1596	
2022/07/14	03:38:00	0.000	1310	1355	1531	1547	
2022/07/14	03:40:00	0.000	1294	1336	1537	1549	
2022/07/14	03:42:00	0.000	1261	1336	1537	1556	
2022/07/14	03:44:00	0.000	1285	1338	1537	1602	
2022/07/14	03:46:00	0.000	1287	1350	1602	1623	
2022/07/14	03:48:00	0.000	1307	1351	1614	1623	
2022/07/14	03:50:00	0.000	1309	1356	1574	1615	
2022/07/14	03:52:00	0.000	1306	1347	1572	1585	
2022/07/14	03:54:00	0.000	1277	1343	1563	1585	
2022/07/14	03:56:00	0.000	1277	1336	1551	1574	
2022/07/14	03:58:00	0.000	1265	1328	1553	1561	
2022/07/14	04:00:00	0.000	1284	1325	1560	1569	
2022/07/14	04:02:00	0.000	1263	1345	1565	1574	
2022/07/14	04:04:00	0.000	1306	1358	1574	1624	
2022/07/14	04:06:00	0.000	1303	1347	1610	1617	
2022/07/14	04:08:00	0.000	1298	1344	1596	1615	
2022/07/14	04:10:00	0.000	1265	1333	1551	1596	
2022/07/14	04:12:00	0.000	1217	1315	1526	1551	
2022/07/14	04:14:00	0.000	1254	1321	1543	1579	

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/14	04:16:00	0.000	1230	1321	1566	1582	
2022/07/14	04:18:00	0.000	1273	1321	1566	1574	
2022/07/14	04:20:00	0.000	1261	1325	1563	1574	
2022/07/14	04:22:00	0.000	1287	1341	1574	1601	
2022/07/14	04:24:00	0.000	1291	1334	1601	1611	
2022/07/14	04:26:00	0.000	1236	1325	1569	1607	
2022/07/14	04:28:00	0.000	1211	1317	1547	1569	
2022/07/14	04:30:00	0.000	1271	1336	1553	1593	
2022/07/14	04:32:00	0.000	1218	1321	1555	1592	
2022/07/14	04:34:00	0.000	1247	1315	1557	1575	
2022/07/14	04:36:00	0.000	1227	1316	1561	1594	
2022/07/14	04:38:00	0.000	1257	1311	1583	1594	
2022/07/14	04:40:00	0.000	1235	1310	1587	1598	
2022/07/14	04:42:00	0.000	1240	1312	1580	1589	
2022/07/14	04:44:00	0.000	1178	1310	1549	1588	
2022/07/14	04:46:00	0.000	1245	1325	1558	1581	
2022/07/14	04:48:00	0.000	1255	1317	1581	1596	
2022/07/14	04:50:00	0.000	511	1645	1578	1604	
2022/07/14	04:52:00	0.000	2	1670	1052	1612	
2022/07/14	04:54:00	0.000	2	3	572	1052	
2022/07/14	04:56:00	0.000	2	3	389	572	
2022/07/14	04:58:00	0.000	2	3	299	389	
2022/07/14	05:00:00	0.000	2	3	243	299	
2022/07/14	05:02:00	0.000	2	3	207	243	
2022/07/14	05:04:00	0.000	2	3	182	207	
2022/07/14	05:06:00	0.000	2	3	165	182	
2022/07/14	05:08:00	0.000	2	3	151	166	
2022/07/14	05:10:00	0.000	2	3	141	151	
2022/07/14	05:12:00	0.000	2	3	134	141	
2022/07/14	05:14:00	0.000	2	3	126	134	
2022/07/14	05:16:00	0.000	2	3	121	127	
2022/07/14	05:18:00	0.000	3	3	116	121	
2022/07/14	05:20:00	0.000	2	3	112	116	
2022/07/14	05:22:00	0.000	2	3	110	112	
2022/07/14	05:24:00	0.000	3	3	106	110	
2022/07/14	05:26:00	0.000	2	3	104	106	
2022/07/14	05:28:00	0.000	2	3	101	104	
2022/07/14	05:30:00	0.000	2	3	99	101	
2022/07/14	05:32:00	0.000	2	3	98	99	
2022/07/14	05:34:00	0.000	2	3	95	98	
2022/07/14	05:36:00	0.000	2	3	94	96	
2022/07/14	05:38:00	0.000	2	3	93	94	
2022/07/14	05:40:00	0.000	2	3	91	93	
2022/07/14	05:42:00	0.000	3	3	89	91	
2022/07/14	05:44:00	0.000	3	3	88	89	
2022/07/14	05:46:00	0.000	3	3	87	89	
2022/07/14	05:48:00	0.000	3	3	86	87	
2022/07/14	05:50:00	0.000	2	3	85	86	
2022/07/14	05:52:00	0.000	2	3	85	85	
2022/07/14	05:54:00	0.000	3	3	84	85	
2022/07/14	05:56:00	0.000	3	3	83	84	
2022/07/14	05:58:00	0.000	2	3	82	83	
2022/07/14	06:00:00	0.000	2	3	81	82	
2022/07/14	06:02:00	0.000	3	3	80	81	
2022/07/14	06:04:00	0.000	3	3	79	80	
2022/07/14	06:06:00	0.000	3	3	79	79	
2022/07/14	06:08:00	0.000	2	3	78	79	
2022/07/14	06:10:00	0.000	2	3	77	78	
2022/07/14	06:12:00	0.000	3	3	77	77	
2022/07/14	06:14:00	0.000	3	3	77	77	
2022/07/14	06:16:00	0.000	3	3	76	77	
2022/07/14	06:18:00	0.000	3	3	75	76	
2022/07/14	06:20:00	0.000	3	3	75	75	
2022/07/14	06:22:00	0.000	3	3	74	75	

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag		1		1
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	06:24:00	0.000	3	3	74	75
2022/07/14	06:26:00	0.000	3	3	73	74
2022/07/14	06:28:00	0.000	3	3	73	73
2022/07/14	06:30:00	0.000	2	3	73	73
2022/07/14	06:32:00	0.000	2	3	73	73
2022/07/14	06:34:00	0.000	2	3	72	73
2022/07/14	06:36:00	0.000	3	3	72	73
2022/07/14	06:38:00	0.000	3	3	72	72
2022/07/14	06:40:00	0.000	2	3	71	72
2022/07/14	06:42:00	0.000	3	3	71	71
2022/07/14	06:44:00	0.000	3	3	71	71
2022/07/14	06:46:00	0.000	3	3	71	71
2022/07/14	06:48:00	0.000	3	3	71	71
2022/07/14	06:50:00	0.000	3	3	71	71
2022/07/14	06:52:00	0.000	3	3	70	71
2022/07/14	06:54:00	0.000	3	3	70	71
2022/07/14	06:56:00	0.000	3	3	69	70
2022/07/14	06:58:00	0.000	3	3	69	70
2022/07/14	07:00:00	0.000	3	3	69	69
2022/07/14	07:02:00	0.000	2	3	68	69
2022/07/14	07:04:00	0.000	3	3	68	69
2022/07/14	07:06:00	0.000	3	3	68	69
2022/07/14	07:08:00	0.000	3	3	68	69
2022/07/14	07:10:00	0.000	3	3	68	68
2022/07/14	07:12:00	0.000	2	3	68	68
2022/07/14	07:14:00	0.000	3	3	67	68
2022/07/14	07:16:00	0.000	3	3	67	67
2022/07/14	07:18:00	0.000	3	3	66	67
2022/07/14	07:20:00	0.000	3	3	66	67
2022/07/14	07:22:00	0.000	3	3	66	67
2022/07/14	07:24:00	0.000	3	3	66	67
2022/07/14	07:26:00	0.000	3	3	66	67
2022/07/14	07:28:00	0.000	3	3	66	67
2022/07/14	07:30:00	0.000	3	3	66	66
2022/07/14	07:32:00	0.000	3	3	66	66
2022/07/14	07:34:00	0.000	3	3	66	66
2022/07/14	07:36:00	0.000	3	3	65	66
2022/07/14	07:38:00	0.000	3	3	65	66
2022/07/14	07:40:00	0.000	3	3	65	65
2022/07/14	07:42:00	0.000	3	3	65	65
2022/07/14	07:44:00	0.000	3	3	65	65
2022/07/14	07:46:00	0.000	3	3	65	65
2022/07/14	07:48:00	0.000	3	3	65	65
2022/07/14	07:50:00	0.000	3	3	65	65
2022/07/14	07:52:00	0.000	3	3	65	65
2022/07/14	07:54:00	0.000	3	3	65	65
2022/07/14	07:56:00	0.000	3	3	64	65
2022/07/14	07:58:00	0.000	3	3	64	65
2022/07/14	08:00:00	0.000	3	3	64	65
2022/07/14	08:02:00	0.000	3	3	64	65
2022/07/14	08:04:00	0.000	3	3	64	65
2022/07/14	08:06:00	0.000	3	3	64	65
2022/07/14	08:08:00	0.000	3	3	64	64
2022/07/14	08:10:00	0.000	3	3	63	64
2022/07/14	08:12:00	0.000	3	3	63	64
2022/07/14	08:14:00	0.000	3	3	63	64
2022/07/14	08:16:00	0.000	3	3	63	63
2022/07/14	08:18:00	0.000	3	3	63	63
2022/07/14	08:20:00	0.000	3	3	63	63
2022/07/14	08:22:00	0.000	3	3	63	63
2022/07/14	08:24:00	0.000	3	3	63	63
2022/07/14	08:26:00	0.000	3	3	63	63
2022/07/14	08:28:00	0.000	3	3	63	63
2022/07/14	08:30:00	0.000	2	3	63	63

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/14	08:32:00	0.000	3	3	63	63	
2022/07/14	08:34:00	0.000	3	3	63	63	
2022/07/14	08:36:00	0.000	3	3	63	63	
2022/07/14	08:38:00	0.000	3	3	63	63	
2022/07/14	08:40:00	0.000	2	3	63	63	
2022/07/14	08:42:00	0.000	3	3	63	63	
2022/07/14	08:44:00	0.000	3	3	63	63	
2022/07/14	08:46:00	0.000	3	3	63	63	
2022/07/14	08:48:00	0.000	3	3	63	63	
2022/07/14	08:50:00	0.000	3	3	62	63	
2022/07/14	08:52:00	0.000	3	3	63	63	
2022/07/14	08:54:00	0.000	3	3	62	63	
2022/07/14	08:56:00	0.000	2	3	63	63	
2022/07/14	08:58:00	0.000	3	3	63	63	
2022/07/14	09:00:00	0.000	3	3	63	63	
2022/07/14	09:02:00	0.000	3	3	62	63	
2022/07/14	09:04:00	0.000	3	3	62	63	
2022/07/14	09:06:00	0.000	3	3	62	63	
2022/07/14	09:08:00	0.000	3	3	62	62	
2022/07/14	09:10:00	0.000	3	3	62	63	
2022/07/14	09:12:00	0.000	3	3	62	62	
2022/07/14	09:14:00	0.000	3	3	62	62	
2022/07/14	09:16:00	0.000	3	3	62	63	
2022/07/14	09:18:00	0.000	2	3	62	62	
2022/07/14	09:20:00	0.000	3	3	62	63	
2022/07/14	09:22:00	0.000	3	3	62	63	
2022/07/14	09:24:00	0.000	2	3	62	63	
2022/07/14	09:26:00	0.000	2	1430	63	63	
2022/07/14	09:28:00	0.000	2	1867	63	65	
2022/07/14	09:30:00	0.000	3	1996	65	1408	
2022/07/14	09:32:00	0.000	1424	1578	1408	1741	
2022/07/14	09:34:00	0.000	1425	1473	1485	1612	
2022/07/14	09:36:00	0.000	1452	1482	1590	1638	
2022/07/14	09:38:00	0.000	1468	1496	1581	1597	
2022/07/14	09:40:00	0.000	1435	1497	1594	1616	
2022/07/14	09:42:00	0.000	1422	1453	1555	1594	
2022/07/14	09:44:00	0.000	1417	1457	1541	1572	
2022/07/14	09:46:00	0.000	1428	1462	1572	1607	
2022/07/14	09:48:00	0.000	1431	1472	1592	1613	
2022/07/14	09:50:00	0.000	1431	1477	1596	1613	
2022/07/14	09:52:00	0.000	1421	1465	1571	1616	
2022/07/14	09:54:00	0.000	1430	1471	1566	1574	
2022/07/14	09:56:00	0.000	1415	1458	1559	1576	
2022/07/14	09:58:00	0.000	1410	1448	1550	1571	
2022/07/14	10:00:00	0.000	1382	1425	1549	1564	
2022/07/14	10:02:00	0.000	1370	1414	1547	1566	
2022/07/14	10:04:00	0.000	1383	1419	1547	1576	
2022/07/14	10:06:00	0.000	1385	1418	1570	1591	
2022/07/14	10:08:00	0.000	1394	1424	1588	1595	
2022/07/14	10:10:00	0.000	1383	1419	1591	1595	
2022/07/14	10:12:00	0.000	1392	1418	1589	1601	
2022/07/14	10:14:00	0.000	1390	1424	1588	1598	
2022/07/14	10:16:00	0.000	1382	1430	1589	1601	
2022/07/14	10:18:00	0.000	1378	1419	1566	1593	
2022/07/14	10:20:00	0.000	1377	1407	1566	1573	
2022/07/14	10:22:00	0.000	1381	1415	1565	1570	
2022/07/14	10:24:00	0.000	1339	1402	1530	1571	
2022/07/14	10:26:00	0.000	1361	1398	1537	1566	
2022/07/14	10:28:00	0.000	1330	1393	1538	1572	
2022/07/14	10:30:00	0.000	1317	1367	1537	1564	
2022/07/14	10:32:00	0.000	1327	1386	1561	1590	
2022/07/14	10:34:00	0.000	1344	1385	1588	1606	
2022/07/14	10:36:00	0.000	1350	1391	1602	1615	
2022/07/14	10:38:00	0.000	1347	1394	1603	1620	

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/14	10:40:00	0.000	1358	1398	1604	1617	
2022/07/14	10:42:00	0.000	1363	1409	1585	1604	
2022/07/14	10:44:00	0.000	1370	1415	1594	1600	
2022/07/14	10:46:00	0.000	1372	1411	1585	1598	
2022/07/14	10:48:00	0.000	1366	1403	1576	1587	
2022/07/14	10:50:00	0.000	1378	1414	1576	1587	
2022/07/14	10:52:00	0.000	1370	1406	1571	1585	
2022/07/14	10:54:00	0.000	1327	1394	1539	1571	
2022/07/14	10:56:00	0.000	1316	1380	1524	1546	
2022/07/14	10:58:00	0.000	1343	1381	1530	1559	
2022/07/14	11:00:00	0.000	1354	1387	1559	1600	
2022/07/14	11:02:00	0.000	1357	1394	1600	1631	
2022/07/14	11:04:00	0.000	1335	1391	1599	1622	
2022/07/14	11:06:00	0.000	1354	1403	1585	1605	
2022/07/14	11:08:00	0.000	1367	1413	1589	1610	
2022/07/14	11:10:00	0.000	1374	1416	1596	1612	
2022/07/14	11:12:00	0.000	1383	1414	1577	1597	
2022/07/14	11:14:00	0.000	1355	1403	1568	1580	
2022/07/14	11:16:00	0.000	1340	1390	1545	1568	
2022/07/14	11:18:00	0.000	1337	1380	1546	1570	
2022/07/14	11:20:00	0.000	1337	1380	1552	1572	
2022/07/14	11:22:00	0.000	1344	1385	1565	1608	
2022/07/14	11:24:00	0.000	1325	1387	1602	1614	
2022/07/14	11:26:00	0.000	1325	1393	1582	1604	
2022/07/14	11:28:00	0.000	1368	1401	1600	1610	
2022/07/14	11:30:00	0.000	1368	1407	1590	1600	
2022/07/14	11:32:00	0.000	1361	1409	1579	1591	
2022/07/14	11:34:00	0.000	1360	1404	1563	1579	
2022/07/14	11:36:00	0.000	1349	1393	1559	1569	
2022/07/14	11:38:00	0.000	1355	1392	1547	1566	
2022/07/14	11:40:00	0.000	1341	1390	1548	1575	
2022/07/14	11:42:00	0.000	1334	1388	1561	1571	
2022/07/14	11:44:00	0.000	1343	1394	1569	1598	
2022/07/14	11:46:00	0.000	1358	1405	1559	1586	
2022/07/14	11:48:00	0.000	1351	1404	1559	1601	
2022/07/14	11:50:00	0.000	1364	1409	1599	1608	
2022/07/14	11:52:00	0.000	1377	1414	1608	1623	
2022/07/14	11:54:00	0.000	1369	1414	1599	1611	
2022/07/14	11:56:00	0.000	1349	1392	1561	1602	
2022/07/14	11:58:00	0.000	1334	1381	1537	1561	
2022/07/14	12:00:00	0.000	1328	1381	1539	1562	
2022/07/14	12:02:00	0.000	1333	1384	1562	1567	
2022/07/14	12:04:00	0.000	1325	1373	1566	1574	
2022/07/14	12:06:00	0.000	1339	1399	1574	1607	
2022/07/14	12:08:00	0.000	1354	1406	1607	1624	
2022/07/14	12:10:00	0.000	1360	1407	1592	1618	
2022/07/14	12:12:00	0.000	1359	1403	1586	1592	
2022/07/14	12:14:00	0.000	1362	1408	1588	1611	
2022/07/14	12:16:00	0.000	1369	1406	1582	1602	
2022/07/14	12:18:00	0.000	1333	1398	1563	1582	
2022/07/14	12:20:00	0.000	1354	1361	1558	1558	
2022/07/14	12:22:00	0.000	1313	1382	1548	1574	
2022/07/14	12:24:00	0.000	1329	1381	1536	1565	
2022/07/14	12:26:00	0.000	1323	1384	1563	1570	
2022/07/14	12:28:00	0.000	1309	1376	1566	1584	
2022/07/14	12:30:00	0.000	1292	1393	1568	1588	
2022/07/14	12:32:00	0.000	1339	1387	1566	1585	
2022/07/14	12:34:00	0.000	1336	1387	1568	1586	
2022/07/14	12:36:00	0.000	1339	1391	1569	1591	
2022/07/14	12:38:00	0.000	1353	1409	1582	1609	
2022/07/14	12:40:00	0.000	1354	1402	1609	1636	
2022/07/14	12:42:00	0.000	1336	1402	1604	1636	
2022/07/14	12:44:00	0.000	1288	1360	1539	1604	
2022/07/14	12:46:00	0.000	1309	1379	1528	1563	

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02			CH05	
		Tag		1			1
		Unit	SCFM			Deg. F	
Date	Time	sec	MIN	MAX		MIN	MAX
2022/07/14	12:48:00	0.000	1328	1380		1563	1603
2022/07/14	12:50:00	0.000	1325	1394		1599	1607
2022/07/14	12:52:00	0.000	1327	1400		1593	1609
2022/07/14	12:54:00	0.000	1354	1421		1580	1594
2022/07/14	12:56:00	0.000	1366	1419		1588	1597
2022/07/14	12:58:00	0.000	1347	1426		1580	1598
2022/07/14	13:00:00	0.000	1334	1394		1570	1580
2022/07/14	13:02:00	0.000	1339	1413		1570	1591
2022/07/14	13:04:00	0.000	1339	1392		1572	1595
2022/07/14	13:06:00	0.000	1331	1389		1538	1572
2022/07/14	13:08:00	0.000	1327	1383		1541	1576
2022/07/14	13:10:00	0.000	1320	1386		1559	1590
2022/07/14	13:12:00	0.000	1313	1376		1570	1591
2022/07/14	13:14:00	0.000	1339	1373		1566	1585
2022/07/14	13:16:00	0.000	1333	1385		1585	1596
2022/07/14	13:18:00	0.000	1347	1392		1593	1599
2022/07/14	13:20:00	0.000	1319	1407		1588	1611
2022/07/14	13:22:00	0.000	1358	1409		1588	1607
2022/07/14	13:24:00	0.000	1350	1401		1588	1596
2022/07/14	13:26:00	0.000	1334	1386		1582	1596
2022/07/14	13:28:00	0.000	1324	1375		1553	1583
2022/07/14	13:30:00	0.000	1336	1380		1558	1566
2022/07/14	13:32:00	0.000	1317	1367		1537	1564
2022/07/14	13:34:00	0.000	1321	1372		1564	1586
2022/07/14	13:36:00	0.000	1330	1376		1586	1604
2022/07/14	13:38:00	0.000	1329	1387		1604	1615
2022/07/14	13:40:00	0.000	1340	1383		1598	1613
2022/07/14	13:42:00	0.000	1349	1391		1583	1601
2022/07/14	13:44:00	0.000	1359	1397		1596	1609
2022/07/14	13:46:00	0.000	1361	1405		1586	1603
2022/07/14	13:48:00	0.000	1357	1396		1577	1602
2022/07/14	13:50:00	0.000	1317	1394		1511	1577
2022/07/14	13:52:00	0.000	1343	1391		1507	1551
2022/07/14	13:54:00	0.000	1341	1387		1551	1569
2022/07/14	13:56:00	0.000	1323	1385		1555	1575
2022/07/14	13:58:00	0.000	1316	1360		1553	1566
2022/07/14	14:00:00	0.000	1323	1380		1566	1585
2022/07/14	14:02:00	0.000	1353	1391		1580	1602
2022/07/14	14:04:00	0.000	1360	1404		1601	1627
2022/07/14	14:06:00	0.000	1363	1410		1601	1623
2022/07/14	14:08:00	0.000	1362	1409		1584	1615
2022/07/14	14:10:00	0.000	1373	1413		1584	1596
2022/07/14	14:12:00	0.000	1372	1410		1593	1600
2022/07/14	14:14:00	0.000	1336	1398		1558	1593
2022/07/14	14:16:00	0.000	1306	1354		1527	1561
2022/07/14	14:18:00	0.000	1321	1364		1530	1568
2022/07/14	14:20:00	0.000	1324	1369		1567	1602
2022/07/14	14:22:00	0.000	1316	1375		1579	1602
2022/07/14	14:24:00	0.000	1331	1369		1591	1601
2022/07/14	14:26:00	0.000	1320	1365		1591	1605
2022/07/14	14:28:00	0.000	1328	1373		1605	1616
2022/07/14	14:30:00	0.000	1344	1387		1603	1616
2022/07/14	14:32:00	0.000	1351	1395		1596	1607
2022/07/14	14:34:00	0.000	1354	1395		1594	1606
2022/07/14	14:36:00	0.000	1359	1392		1577	1603
2022/07/14	14:38:00	0.000	1358	1401		1572	1584
2022/07/14	14:40:00	0.000	1353	1393		1571	1580
2022/07/14	14:42:00	0.000	1333	1387		1559	1574
2022/07/14	14:44:00	0.000	1336	1375		1547	1565
2022/07/14	14:46:00	0.000	1323	1360		1554	1564
2022/07/14	14:48:00	0.000	1328	1364		1557	1570
2022/07/14	14:50:00	0.000	1354	1465		1561	1645
2022/07/14	14:52:00	0.000	1460	1612		1645	1762
2022/07/14	14:54:00	0.000	1606	1655		1617	1747

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02			CH05	
		Tag		1			1
		Unit	SCFM			Deg. F	
Date	Time	sec	MIN	MAX		MIN	MAX
2022/07/14	14:56:00	0.000	1619	1662		1566	1620
2022/07/14	14:58:00	0.000	1612	1636		1554	1566
2022/07/14	15:00:00	0.000	1615	1636		1528	1558
2022/07/14	15:02:00	0.000	1614	1644		1555	1582
2022/07/14	15:04:00	0.000	1622	1645		1576	1602
2022/07/14	15:06:00	0.000	1626	1651		1547	1603
2022/07/14	15:08:00	0.000	1633	1659		1543	1618
2022/07/14	15:10:00	0.000	1638	1662		1604	1624
2022/07/14	15:12:00	0.000	1641	1661		1602	1616
2022/07/14	15:14:00	0.000	1479	1655		1494	1603
2022/07/14	15:16:00	0.000	1589	1666		1485	1638
2022/07/14	15:18:00	0.000	1648	1677		1638	1687
2022/07/14	15:20:00	0.000	1629	1657		1559	1643
2022/07/14	15:22:00	0.000	1611	1644		1531	1559
2022/07/14	15:24:00	0.000	1605	1644		1531	1578
2022/07/14	15:26:00	0.000	1623	1651		1578	1609
2022/07/14	15:28:00	0.000	1631	1656		1576	1611
2022/07/14	15:30:00	0.000	1635	1662		1585	1630
2022/07/14	15:32:00	0.000	1643	1662		1599	1623
2022/07/14	15:34:00	0.000	1641	1670		1578	1611
2022/07/14	15:36:00	0.000	1641	1673		1576	1588
2022/07/14	15:38:00	0.000	1648	1665		1570	1593
2022/07/14	15:40:00	0.000	1639	1673		1561	1577
2022/07/14	15:42:00	0.000	1630	1655		1535	1566
2022/07/14	15:44:00	0.000	1630	1658		1547	1591
2022/07/14	15:46:00	0.000	1623	1651		1565	1599
2022/07/14	15:48:00	0.000	1611	1648		1580	1593
2022/07/14	15:50:00	0.000	1607	1644		1574	1591
2022/07/14	15:52:00	0.000	1634	1661		1572	1596
2022/07/14	15:54:00	0.000	1634	1659		1572	1601
2022/07/14	15:56:00	0.000	1637	1662		1568	1597
2022/07/14	15:58:00	0.000	1647	1670		1595	1601
2022/07/14	16:00:00	0.000	1644	1669		1585	1601
2022/07/14	16:02:00	0.000	1619	1662		1595	1607
2022/07/14	16:04:00	0.000	1597	1641		1539	1606
2022/07/14	16:06:00	0.000	1600	1633		1533	1553
2022/07/14	16:08:00	0.000	1619	1650		1553	1570
2022/07/14	16:10:00	0.000	1598	1649		1568	1587
2022/07/14	16:12:00	0.000	1618	1651		1569	1598
2022/07/14	16:14:00	0.000	1618	1648		1564	1606
2022/07/14	16:16:00	0.000	1618	1648		1590	1611
2022/07/14	16:18:00	0.000	1612	1648		1590	1613
2022/07/14	16:20:00	0.000	1615	1646		1582	1609
2022/07/14	16:22:00	0.000	1628	1656		1573	1593
2022/07/14	16:24:00	0.000	1637	1661		1580	1608
2022/07/14	16:26:00	0.000	1638	1662		1572	1596
2022/07/14	16:28:00	0.000	1643	1670		1560	1576
2022/07/14	16:30:00	0.000	1647	1666		1558	1579
2022/07/14	16:32:00	0.000	1639	1659		1570	1584
2022/07/14	16:34:00	0.000	1635	1658		1556	1574
2022/07/14	16:36:00	0.000	1633	1655		1573	1593
2022/07/14	16:38:00	0.000	1625	1648		1558	1595
2022/07/14	16:40:00	0.000	1626	1651		1574	1619
2022/07/14	16:42:00	0.000	1595	1648		1539	1620
2022/07/14	16:44:00	0.000	1616	1644		1538	1614
2022/07/14	16:46:00	0.000	1621	1645		1600	1615
2022/07/14	16:48:00	0.000	1617	1642		1582	1611
2022/07/14	16:50:00	0.000	1611	1635		1567	1582
2022/07/14	16:52:00	0.000	1611	1647		1576	1587
2022/07/14	16:54:00	0.000	1627	1652		1576	1585
2022/07/14	16:56:00	0.000	1628	1661		1560	1580
2022/07/14	16:58:00	0.000	1634	1660		1550	1601
2022/07/14	17:00:00	0.000	1640	1666		1582	1611
2022/07/14	17:02:00	0.000	1643	1668		1582	1607

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	17:04:00	0.000	1634	1661	1566	1590
2022/07/14	17:06:00	0.000	1623	1651	1582	1595
2022/07/14	17:08:00	0.000	1618	1642	1579	1591
2022/07/14	17:10:00	0.000	1618	1644	1578	1582
2022/07/14	17:12:00	0.000	1594	1638	1543	1580
2022/07/14	17:14:00	0.000	1620	1649	1536	1590
2022/07/14	17:16:00	0.000	1630	1658	1582	1605
2022/07/14	17:18:00	0.000	1589	1655	1571	1613
2022/07/14	17:20:00	0.000	1456	1594	1469	1571
2022/07/14	17:22:00	0.000	1351	1464	1463	1516
2022/07/14	17:24:00	0.000	1343	1384	1516	1545
2022/07/14	17:26:00	0.000	1358	1398	1542	1569
2022/07/14	17:28:00	0.000	1367	1401	1569	1597
2022/07/14	17:30:00	0.000	1376	1411	1591	1611
2022/07/14	17:32:00	0.000	1367	1415	1608	1636
2022/07/14	17:34:00	0.000	1343	1390	1561	1608
2022/07/14	17:36:00	0.000	1331	1379	1536	1561
2022/07/14	17:38:00	0.000	1326	1371	1536	1545
2022/07/14	17:40:00	0.000	1298	1364	1541	1549
2022/07/14	17:42:00	0.000	1338	1371	1549	1571
2022/07/14	17:44:00	0.000	1306	1388	1570	1595
2022/07/14	17:46:00	0.000	1356	1392	1595	1633
2022/07/14	17:48:00	0.000	1355	1390	1612	1632
2022/07/14	17:50:00	0.000	1357	1390	1593	1613
2022/07/14	17:52:00	0.000	1336	1384	1574	1593
2022/07/14	17:54:00	0.000	1353	1397	1569	1578
2022/07/14	17:56:00	0.000	1360	1390	1575	1580
2022/07/14	17:58:00	0.000	1338	1388	1560	1577
2022/07/14	18:00:00	0.000	1349	1391	1566	1588
2022/07/14	18:02:00	0.000	1347	1380	1586	1591
2022/07/14	18:04:00	0.000	1338	1386	1584	1589
2022/07/14	18:06:00	0.000	1336	1375	1560	1584
2022/07/14	18:08:00	0.000	1323	1369	1556	1580
2022/07/14	18:10:00	0.000	1321	1365	1580	1591
2022/07/14	18:12:00	0.000	1321	1358	1558	1586
2022/07/14	18:14:00	0.000	1321	1375	1558	1577
2022/07/14	18:16:00	0.000	1340	1382	1577	1609
2022/07/14	18:18:00	0.000	1298	1380	1580	1607
2022/07/14	18:20:00	0.000	1344	1390	1580	1601
2022/07/14	18:22:00	0.000	1354	1395	1599	1624
2022/07/14	18:24:00	0.000	1364	1397	1598	1615
2022/07/14	18:26:00	0.000	1340	1392	1572	1604
2022/07/14	18:28:00	0.000	1343	1380	1557	1572
2022/07/14	18:30:00	0.000	1349	1382	1556	1573
2022/07/14	18:32:00	0.000	1343	1384	1561	1577
2022/07/14	18:34:00	0.000	1335	1376	1561	1577
2022/07/14	18:36:00	0.000	1329	1379	1566	1576
2022/07/14	18:38:00	0.000	1331	1370	1562	1582
2022/07/14	18:40:00	0.000	1328	1369	1569	1597
2022/07/14	18:42:00	0.000	1328	1368	1569	1578
2022/07/14	18:44:00	0.000	1317	1367	1570	1576
2022/07/14	18:46:00	0.000	1336	1379	1576	1597
2022/07/14	18:48:00	0.000	1354	1386	1594	1619
2022/07/14	18:50:00	0.000	1343	1398	1604	1620
2022/07/14	18:52:00	0.000	1348	1387	1594	1611
2022/07/14	18:54:00	0.000	1343	1380	1582	1594
2022/07/14	18:56:00	0.000	1319	1358	1553	1589
2022/07/14	18:58:00	0.000	1311	1360	1534	1553
2022/07/14	19:00:00	0.000	1289	1343	1550	1566
2022/07/14	19:02:00	0.000	1301	1350	1566	1578
2022/07/14	19:04:00	0.000	1306	1356	1563	1590
2022/07/14	19:06:00	0.000	1311	1350	1590	1603
2022/07/14	19:08:00	0.000	1310	1374	1582	1615
2022/07/14	19:10:00	0.000	1339	1391	1615	1628

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	19:12:00	0.000	1336	1375	1589	1626
2022/07/14	19:14:00	0.000	1320	1360	1572	1593
2022/07/14	19:16:00	0.000	1302	1345	1542	1572
2022/07/14	19:18:00	0.000	1315	1377	1543	1573
2022/07/14	19:20:00	0.000	1302	1369	1558	1577
2022/07/14	19:22:00	0.000	1324	1369	1577	1585
2022/07/14	19:24:00	0.000	1312	1360	1577	1585
2022/07/14	19:26:00	0.000	1300	1346	1561	1577
2022/07/14	19:28:00	0.000	1287	1332	1557	1569
2022/07/14	19:30:00	0.000	1302	1345	1561	1591
2022/07/14	19:32:00	0.000	1269	1339	1572	1601
2022/07/14	19:34:00	0.000	1295	1336	1563	1577
2022/07/14	19:36:00	0.000	1283	1343	1563	1584
2022/07/14	19:38:00	0.000	1324	1365	1584	1636
2022/07/14	19:40:00	0.000	1325	1361	1618	1645
2022/07/14	19:42:00	0.000	1311	1355	1598	1618
2022/07/14	19:44:00	0.000	1292	1354	1579	1598
2022/07/14	19:46:00	0.000	1294	1347	1563	1579
2022/07/14	19:48:00	0.000	1294	1339	1561	1574
2022/07/14	19:50:00	0.000	1267	1343	1533	1561
2022/07/14	19:52:00	0.000	1205	1339	1517	1568
2022/07/14	19:54:00	0.000	1315	1355	1516	1588
2022/07/14	19:56:00	0.000	1307	1357	1588	1613
2022/07/14	19:58:00	0.000	1298	1350	1590	1622
2022/07/14	20:00:00	0.000	1281	1334	1581	1596
2022/07/14	20:02:00	0.000	1242	1328	1553	1591
2022/07/14	20:04:00	0.000	1257	1329	1559	1573
2022/07/14	20:06:00	0.000	1260	1325	1555	1577
2022/07/14	20:08:00	0.000	1267	1326	1545	1570
2022/07/14	20:10:00	0.000	1268	1352	1550	1591
2022/07/14	20:12:00	0.000	1302	1347	1591	1609
2022/07/14	20:14:00	0.000	1291	1335	1595	1612
2022/07/14	20:16:00	0.000	1289	1332	1588	1599
2022/07/14	20:18:00	0.000	1280	1330	1569	1589
2022/07/14	20:20:00	0.000	1277	1325	1568	1584
2022/07/14	20:22:00	0.000	1236	1328	1563	1578
2022/07/14	20:24:00	0.000	1225	1332	1541	1578
2022/07/14	20:26:00	0.000	1284	1334	1559	1593
2022/07/14	20:28:00	0.000	1235	1319	1584	1597
2022/07/14	20:30:00	0.000	1208	1315	1573	1596
2022/07/14	20:32:00	0.000	1219	1310	1552	1573
2022/07/14	20:34:00	0.000	1249	1325	1544	1572
2022/07/14	20:36:00	0.000	1269	1340	1572	1607
2022/07/14	20:38:00	0.000	1282	1336	1603	1619
2022/07/14	20:40:00	0.000	1274	1332	1603	1623
2022/07/14	20:42:00	0.000	1262	1336	1601	1615
2022/07/14	20:44:00	0.000	1255	1321	1577	1601
2022/07/14	20:46:00	0.000	1255	1322	1580	1599
2022/07/14	20:48:00	0.000	1244	1315	1568	1587
2022/07/14	20:50:00	0.000	1228	1312	1534	1569
2022/07/14	20:52:00	0.000	1250	1325	1527	1571
2022/07/14	20:54:00	0.000	1288	1338	1571	1601
2022/07/14	20:56:00	0.000	1268	1330	1593	1607
2022/07/14	20:58:00	0.000	1247	1328	1578	1604
2022/07/14	21:00:00	0.000	1250	1313	1566	1579
2022/07/14	21:02:00	0.000	1240	1304	1557	1566
2022/07/14	21:04:00	0.000	1203	1315	1561	1586
2022/07/14	21:06:00	0.000	1222	1288	1561	1572
2022/07/14	21:08:00	0.000	1213	1304	1561	1586
2022/07/14	21:10:00	0.000	1253	1306	1586	1619
2022/07/14	21:12:00	0.000	1229	1314	1588	1623
2022/07/14	21:14:00	0.000	1208	1295	1563	1593
2022/07/14	21:16:00	0.000	1225	1296	1551	1568
2022/07/14	21:18:00	0.000	1214	1297	1555	1570

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/14	21:20:00	0.000	1214	1295	1570	1582	
2022/07/14	21:22:00	0.000	1199	1286	1547	1582	
2022/07/14	21:24:00	0.000	731	1655	1553	1671	
2022/07/14	21:26:00	0.000	559	1768	1593	1700	
2022/07/14	21:28:00	0.000	1215	1306	1523	1658	
2022/07/14	21:30:00	0.000	1234	1297	1519	1542	
2022/07/14	21:32:00	0.000	1216	1286	1542	1567	
2022/07/14	21:34:00	0.000	490	1813	1567	1703	
2022/07/14	21:36:00	0.000	490	1762	1570	1687	
2022/07/14	21:38:00	0.000	544	1766	1541	1612	
2022/07/14	21:40:00	0.000	893	1552	1522	1580	
2022/07/14	21:42:00	0.000	946	1549	1510	1559	
2022/07/14	21:44:00	0.000	645	1709	1531	1629	
2022/07/14	21:46:00	0.000	539	1795	1601	1671	
2022/07/14	21:48:00	0.000	2	1804	1549	1658	
2022/07/14	21:50:00	0.000	2	3	846	1560	
2022/07/14	21:52:00	0.000	2	3	580	846	
2022/07/14	21:54:00	0.000	2	3	445	580	
2022/07/14	21:56:00	0.000	2	3	363	445	
2022/07/14	21:58:00	0.000	2	3	311	363	
2022/07/14	22:00:00	0.000	2	3	273	311	
2022/07/14	22:02:00	0.000	2	3	246	273	
2022/07/14	22:04:00	0.000	2	3	225	246	
2022/07/14	22:06:00	0.000	2	3	207	225	
2022/07/14	22:08:00	0.000	2	3	194	207	
2022/07/14	22:10:00	0.000	2	3	182	194	
2022/07/14	22:12:00	0.000	2	3	172	182	
2022/07/14	22:14:00	0.000	2	3	165	172	
2022/07/14	22:16:00	0.000	2	3	157	165	
2022/07/14	22:18:00	0.000	2	3	151	158	
2022/07/14	22:20:00	0.000	2	3	145	151	
2022/07/14	22:22:00	0.000	2	3	140	145	
2022/07/14	22:24:00	0.000	2	3	136	140	
2022/07/14	22:26:00	0.000	2	3	132	136	
2022/07/14	22:28:00	0.000	2	3	128	132	
2022/07/14	22:30:00	0.000	2	3	125	128	
2022/07/14	22:32:00	0.000	2	3	122	125	
2022/07/14	22:34:00	0.000	2	3	120	122	
2022/07/14	22:36:00	0.000	2	3	118	120	
2022/07/14	22:38:00	0.000	3	3	114	118	
2022/07/14	22:40:00	0.000	3	3	113	114	
2022/07/14	22:42:00	0.000	2	3	111	113	
2022/07/14	22:44:00	0.000	3	3	109	111	
2022/07/14	22:46:00	0.000	3	3	107	109	
2022/07/14	22:48:00	0.000	3	3	106	107	
2022/07/14	22:50:00	0.000	3	3	104	106	
2022/07/14	22:52:00	0.000	2	3	101	104	
2022/07/14	22:54:00	0.000	3	3	101	102	
2022/07/14	22:56:00	0.000	3	3	100	101	
2022/07/14	22:58:00	0.000	3	3	99	100	
2022/07/14	23:00:00	0.000	3	3	98	99	
2022/07/14	23:02:00	0.000	3	3	96	98	
2022/07/14	23:04:00	0.000	3	3	95	97	
2022/07/14	23:06:00	0.000	2	3	95	96	
2022/07/14	23:08:00	0.000	2	3	93	95	
2022/07/14	23:10:00	0.000	3	3	93	94	
2022/07/14	23:12:00	0.000	3	3	91	93	
2022/07/14	23:14:00	0.000	3	3	91	92	
2022/07/14	23:16:00	0.000	3	3	90	91	
2022/07/14	23:18:00	0.000	3	3	89	90	
2022/07/14	23:20:00	0.000	3	3	89	90	
2022/07/14	23:22:00	0.000	3	3	88	89	
2022/07/14	23:24:00	0.000	3	3	87	88	
2022/07/14	23:26:00	0.000	2	3	86	87	

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	23:28:00	0.000	3	3	85	86
2022/07/14	23:30:00	0.000	3	3	85	86
2022/07/14	23:32:00	0.000	2	3	85	85
2022/07/14	23:34:00	0.000	3	3	84	85
2022/07/14	23:36:00	0.000	3	3	83	85
2022/07/14	23:38:00	0.000	3	3	83	83
2022/07/14	23:40:00	0.000	3	3	83	83
2022/07/14	23:42:00	0.000	3	3	82	83
2022/07/14	23:44:00	0.000	3	3	81	82
2022/07/14	23:46:00	0.000	3	3	81	82
2022/07/14	23:48:00	0.000	3	3	80	81
2022/07/14	23:50:00	0.000	3	3	79	80
2022/07/14	23:52:00	0.000	3	3	79	79
2022/07/14	23:54:00	0.000	2	3	79	79
2022/07/14	23:56:00	0.000	3	3	78	79
2022/07/14	23:58:00	0.000	3	3	79	79

Average	936	1002	1066	1094
Min	2	3	61	61
Max	2412	2434	1679	1828

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	00:00:00	0.000	-9	-8	99	99
2022/07/11	00:02:00	0.000	-9	-8	99	100
2022/07/11	00:04:00	0.000	-9	-8	100	100
2022/07/11	00:06:00	0.000	-9	-8	99	100
2022/07/11	00:08:00	0.000	-9	-8	99	99
2022/07/11	00:10:00	0.000	-9	-8	99	99
2022/07/11	00:12:00	0.000	-9	-8	98	99
2022/07/11	00:14:00	0.000	-9	-8	98	99
2022/07/11	00:16:00	0.000	-9	-8	98	98
2022/07/11	00:18:00	0.000	-9	-8	98	98
2022/07/11	00:20:00	0.000	-8	-8	98	98
2022/07/11	00:22:00	0.000	-8	-8	98	98
2022/07/11	00:24:00	0.000	-8	-8	98	98
2022/07/11	00:26:00	0.000	-9	-8	98	98
2022/07/11	00:28:00	0.000	-9	-8	98	99
2022/07/11	00:30:00	0.000	-9	-8	98	98
2022/07/11	00:32:00	0.000	-9	-8	98	98
2022/07/11	00:34:00	0.000	-9	-8	98	98
2022/07/11	00:36:00	0.000	-9	-8	98	98
2022/07/11	00:38:00	0.000	-9	-8	98	98
2022/07/11	00:40:00	0.000	-9	-8	98	99
2022/07/11	00:42:00	0.000	-9	-8	99	99
2022/07/11	00:44:00	0.000	-9	-8	99	99
2022/07/11	00:46:00	0.000	-9	-8	99	100
2022/07/11	00:48:00	0.000	-9	-8	99	100
2022/07/11	00:50:00	0.000	-9	-8	99	100
2022/07/11	00:52:00	0.000	-8	-8	99	99
2022/07/11	00:54:00	0.000	-9	-8	99	99
2022/07/11	00:56:00	0.000	-9	-8	99	100
2022/07/11	00:58:00	0.000	-9	-8	100	100
2022/07/11	01:00:00	0.000	-9	-8	100	100
2022/07/11	01:02:00	0.000	-9	-8	100	100
2022/07/11	01:04:00	0.000	-9	-8	100	100
2022/07/11	01:06:00	0.000	-9	-8	100	100
2022/07/11	01:08:00	0.000	-9	-8	100	100
2022/07/11	01:10:00	0.000	-9	-8	100	100
2022/07/11	01:12:00	0.000	-9	-8	100	102
2022/07/11	01:14:00	0.000	-9	-8	100	102
2022/07/11	01:16:00	0.000	-8	-8	100	100
2022/07/11	01:18:00	0.000	-8	-8	99	100
2022/07/11	01:20:00	0.000	-8	-8	99	100
2022/07/11	01:22:00	0.000	-9	-8	99	100
2022/07/11	01:24:00	0.000	-9	-8	100	100
2022/07/11	01:26:00	0.000	-9	-8	100	100
2022/07/11	01:28:00	0.000	-9	-8	99	100
2022/07/11	01:30:00	0.000	-9	-8	99	100
2022/07/11	01:32:00	0.000	-9	-8	99	99
2022/07/11	01:34:00	0.000	-9	-8	99	99
2022/07/11	01:36:00	0.000	-9	-8	99	99
2022/07/11	01:38:00	0.000	-9	-8	99	99
2022/07/11	01:40:00	0.000	-9	-8	99	99
2022/07/11	01:42:00	0.000	-9	-8	99	100
2022/07/11	01:44:00	0.000	-9	-8	99	99
2022/07/11	01:46:00	0.000	-8	-8	99	99
2022/07/11	01:48:00	0.000	-8	-8	99	100
2022/07/11	01:50:00	0.000	-8	-8	99	99
2022/07/11	01:52:00	0.000	-9	-8	99	100
2022/07/11	01:54:00	0.000	-9	-8	99	100
2022/07/11	01:56:00	0.000	-9	-8	100	100
2022/07/11	01:58:00	0.000	-9	-8	100	100
2022/07/11	02:00:00	0.000	-9	-8	100	100
2022/07/11	02:02:00	0.000	-9	-8	100	100
2022/07/11	02:04:00	0.000	-9	-8	100	100
2022/07/11	02:06:00	0.000	-9	-8	100	102

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	02:08:00	0.000	-9	-8	102	102
2022/07/11	02:10:00	0.000	-8	-8	102	102
2022/07/11	02:12:00	0.000	-9	-8	102	102
2022/07/11	02:14:00	0.000	-9	-8	100	102
2022/07/11	02:16:00	0.000	-8	-8	100	102
2022/07/11	02:18:00	0.000	-8	-8	100	100
2022/07/11	02:20:00	0.000	-9	-8	100	100
2022/07/11	02:22:00	0.000	-9	-8	100	100
2022/07/11	02:24:00	0.000	-9	-8	100	102
2022/07/11	02:26:00	0.000	-9	-8	100	102
2022/07/11	02:28:00	0.000	-9	-8	100	102
2022/07/11	02:30:00	0.000	-9	-8	100	102
2022/07/11	02:32:00	0.000	-9	-8	100	102
2022/07/11	02:34:00	0.000	-9	-8	100	102
2022/07/11	02:36:00	0.000	-8	-8	102	102
2022/07/11	02:38:00	0.000	-8	-8	102	102
2022/07/11	02:40:00	0.000	-8	-8	102	102
2022/07/11	02:42:00	0.000	-8	-8	102	102
2022/07/11	02:44:00	0.000	-8	-8	102	103
2022/07/11	02:46:00	0.000	-8	-8	102	103
2022/07/11	02:48:00	0.000	-9	-8	103	103
2022/07/11	02:50:00	0.000	-9	-8	103	103
2022/07/11	02:52:00	0.000	-9	-8	103	103
2022/07/11	02:54:00	0.000	-9	-8	103	103
2022/07/11	02:56:00	0.000	-9	-8	103	104
2022/07/11	02:58:00	0.000	-9	-8	103	104
2022/07/11	03:00:00	0.000	-8	-8	103	104
2022/07/11	03:02:00	0.000	-9	-8	103	103
2022/07/11	03:04:00	0.000	-8	-8	102	103
2022/07/11	03:06:00	0.000	-8	-8	102	103
2022/07/11	03:08:00	0.000	-8	-8	102	102
2022/07/11	03:10:00	0.000	-9	-8	102	102
2022/07/11	03:12:00	0.000	-9	-8	102	102
2022/07/11	03:14:00	0.000	-9	-8	102	102
2022/07/11	03:16:00	0.000	-9	-8	102	103
2022/07/11	03:18:00	0.000	-9	-8	102	103
2022/07/11	03:20:00	0.000	-9	-8	102	102
2022/07/11	03:22:00	0.000	-9	-8	102	102
2022/07/11	03:24:00	0.000	-9	-8	100	102
2022/07/11	03:26:00	0.000	-9	-8	102	102
2022/07/11	03:28:00	0.000	-9	-8	102	103
2022/07/11	03:30:00	0.000	-9	-8	102	103
2022/07/11	03:32:00	0.000	-9	-8	102	103
2022/07/11	03:34:00	0.000	-8	-8	103	103
2022/07/11	03:36:00	0.000	-8	-8	103	103
2022/07/11	03:38:00	0.000	-8	-8	103	103
2022/07/11	03:40:00	0.000	-8	-8	103	104
2022/07/11	03:42:00	0.000	-9	-8	103	104
2022/07/11	03:44:00	0.000	-9	-8	103	104
2022/07/11	03:46:00	0.000	-9	-8	103	104
2022/07/11	03:48:00	0.000	-9	-8	103	104
2022/07/11	03:50:00	0.000	-9	-8	103	104
2022/07/11	03:52:00	0.000	-9	-8	100	103
2022/07/11	03:54:00	0.000	-8	-8	100	102
2022/07/11	03:56:00	0.000	-9	-8	100	100
2022/07/11	03:58:00	0.000	-9	-8	100	100
2022/07/11	04:00:00	0.000	-9	-8	99	100
2022/07/11	04:02:00	0.000	-9	-8	99	100
2022/07/11	04:04:00	0.000	-9	-8	99	100
2022/07/11	04:06:00	0.000	-8	-8	99	99
2022/07/11	04:08:00	0.000	-8	-8	99	99
2022/07/11	04:10:00	0.000	-8	-8	99	99
2022/07/11	04:12:00	0.000	-9	-8	99	99
2022/07/11	04:14:00	0.000	-9	-8	97	99

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	04:16:00	0.000	-9	-8	97	98
2022/07/11	04:18:00	0.000	-9	-8	97	97
2022/07/11	04:20:00	0.000	-9	-8	97	97
2022/07/11	04:22:00	0.000	-9	-8	96	97
2022/07/11	04:24:00	0.000	-9	-8	96	96
2022/07/11	04:26:00	0.000	-9	-8	96	96
2022/07/11	04:28:00	0.000	-9	-8	96	96
2022/07/11	04:30:00	0.000	-9	-8	96	96
2022/07/11	04:32:00	0.000	-9	-8	95	96
2022/07/11	04:34:00	0.000	-9	-8	95	95
2022/07/11	04:36:00	0.000	-9	-8	95	95
2022/07/11	04:38:00	0.000	-9	-8	95	95
2022/07/11	04:40:00	0.000	-9	-8	95	95
2022/07/11	04:42:00	0.000	-9	-8	94	95
2022/07/11	04:44:00	0.000	-9	-8	94	94
2022/07/11	04:46:00	0.000	-9	-8	94	94
2022/07/11	04:48:00	0.000	-9	-8	94	94
2022/07/11	04:50:00	0.000	-9	-8	94	94
2022/07/11	04:52:00	0.000	-9	-8	94	94
2022/07/11	04:54:00	0.000	-9	-8	94	94
2022/07/11	04:56:00	0.000	-9	-8	94	94
2022/07/11	04:58:00	0.000	-9	-8	94	94
2022/07/11	05:00:00	0.000	-9	-8	94	94
2022/07/11	05:02:00	0.000	-9	-8	94	95
2022/07/11	05:04:00	0.000	-9	-8	95	96
2022/07/11	05:06:00	0.000	-9	-8	95	96
2022/07/11	05:08:00	0.000	-9	-8	96	97
2022/07/11	05:10:00	0.000	-9	-8	96	96
2022/07/11	05:12:00	0.000	-9	-8	96	96
2022/07/11	05:14:00	0.000	-9	-8	96	96
2022/07/11	05:16:00	0.000	-9	-8	96	96
2022/07/11	05:18:00	0.000	-9	-8	96	96
2022/07/11	05:20:00	0.000	-9	-8	96	96
2022/07/11	05:22:00	0.000	-9	-8	96	96
2022/07/11	05:24:00	0.000	-9	-8	96	96
2022/07/11	05:26:00	0.000	-9	-8	96	96
2022/07/11	05:28:00	0.000	-9	-8	96	96
2022/07/11	05:30:00	0.000	-9	-8	96	97
2022/07/11	05:32:00	0.000	-9	-8	96	97
2022/07/11	05:34:00	0.000	-9	-8	97	97
2022/07/11	05:36:00	0.000	-9	-8	97	97
2022/07/11	05:38:00	0.000	-9	-8	97	97
2022/07/11	05:40:00	0.000	-9	-8	96	97
2022/07/11	05:42:00	0.000	-9	-8	97	97
2022/07/11	05:44:00	0.000	-9	-8	96	97
2022/07/11	05:46:00	0.000	-9	-8	97	97
2022/07/11	05:48:00	0.000	-9	-8	97	97
2022/07/11	05:50:00	0.000	-9	-8	97	97
2022/07/11	05:52:00	0.000	-9	-8	97	97
2022/07/11	05:54:00	0.000	-9	-8	97	97
2022/07/11	05:56:00	0.000	-9	-8	97	97
2022/07/11	05:58:00	0.000	-9	-8	97	97
2022/07/11	06:00:00	0.000	-9	-8	97	97
2022/07/11	06:02:00	0.000	-9	-8	97	97
2022/07/11	06:04:00	0.000	-9	-8	97	97
2022/07/11	06:06:00	0.000	-9	-8	97	97
2022/07/11	06:08:00	0.000	-9	-8	97	98
2022/07/11	06:10:00	0.000	-9	-8	97	97
2022/07/11	06:12:00	0.000	-9	-8	97	97
2022/07/11	06:14:00	0.000	-9	-8	97	98
2022/07/11	06:16:00	0.000	-9	-8	98	98
2022/07/11	06:18:00	0.000	-9	-8	98	98
2022/07/11	06:20:00	0.000	-9	-8	97	98
2022/07/11	06:22:00	0.000	-9	-8	97	98

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag		1		1
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	06:24:00	0.000	-9	-8	97	98
2022/07/11	06:26:00	0.000	-9	-8	98	98
2022/07/11	06:28:00	0.000	-9	-8	98	99
2022/07/11	06:30:00	0.000	-9	-8	98	99
2022/07/11	06:32:00	0.000	-9	-8	98	99
2022/07/11	06:34:00	0.000	-9	-8	99	99
2022/07/11	06:36:00	0.000	-9	-8	99	100
2022/07/11	06:38:00	0.000	-9	-8	99	100
2022/07/11	06:40:00	0.000	-9	-8	99	100
2022/07/11	06:42:00	0.000	-9	-8	99	100
2022/07/11	06:44:00	0.000	-9	-8	100	102
2022/07/11	06:46:00	0.000	-9	-8	102	103
2022/07/11	06:48:00	0.000	-9	-8	103	104
2022/07/11	06:50:00	0.000	-9	-8	103	104
2022/07/11	06:52:00	0.000	-9	-8	103	105
2022/07/11	06:54:00	0.000	-9	-8	104	105
2022/07/11	06:56:00	0.000	-9	-8	105	105
2022/07/11	06:58:00	0.000	-9	-8	105	105
2022/07/11	07:00:00	0.000	-9	-8	105	105
2022/07/11	07:02:00	0.000	-9	-8	104	105
2022/07/11	07:04:00	0.000	-9	-8	103	105
2022/07/11	07:06:00	0.000	-9	-8	105	105
2022/07/11	07:08:00	0.000	-9	-8	105	106
2022/07/11	07:10:00	0.000	-9	-8	105	106
2022/07/11	07:12:00	0.000	-9	-8	104	106
2022/07/11	07:14:00	0.000	-9	-8	105	106
2022/07/11	07:16:00	0.000	-9	-8	105	106
2022/07/11	07:18:00	0.000	-9	-8	105	106
2022/07/11	07:20:00	0.000	-9	-8	105	106
2022/07/11	07:22:00	0.000	-9	-8	104	106
2022/07/11	07:24:00	0.000	-9	-8	103	105
2022/07/11	07:26:00	0.000	-9	-8	103	104
2022/07/11	07:28:00	0.000	-9	-8	103	104
2022/07/11	07:30:00	0.000	-9	-8	103	105
2022/07/11	07:32:00	0.000	-9	-8	103	105
2022/07/11	07:34:00	0.000	-9	-8	105	105
2022/07/11	07:36:00	0.000	-9	-8	105	106
2022/07/11	07:38:00	0.000	-9	-8	105	106
2022/07/11	07:40:00	0.000	-9	-8	105	106
2022/07/11	07:42:00	0.000	-9	-8	106	108
2022/07/11	07:44:00	0.000	-9	-8	107	108
2022/07/11	07:46:00	0.000	-9	-8	108	108
2022/07/11	07:48:00	0.000	-8	-8	108	108
2022/07/11	07:50:00	0.000	-8	-8	108	108
2022/07/11	07:52:00	0.000	-8	-8	108	109
2022/07/11	07:54:00	0.000	-8	-8	109	109
2022/07/11	07:56:00	0.000	-9	-8	109	110
2022/07/11	07:58:00	0.000	-9	-8	109	110
2022/07/11	08:00:00	0.000	-9	-8	109	109
2022/07/11	08:02:00	0.000	-9	-8	108	109
2022/07/11	08:04:00	0.000	-9	-8	107	108
2022/07/11	08:06:00	0.000	-8	-8	105	108
2022/07/11	08:08:00	0.000	-8	-8	105	108
2022/07/11	08:10:00	0.000	-8	-8	107	108
2022/07/11	08:12:00	0.000	-8	-8	108	108
2022/07/11	08:14:00	0.000	-8	-8	108	109
2022/07/11	08:16:00	0.000	-8	-8	109	110
2022/07/11	08:18:00	0.000	-8	-8	109	111
2022/07/11	08:20:00	0.000	-8	-8	111	111
2022/07/11	08:22:00	0.000	-8	-8	109	111
2022/07/11	08:24:00	0.000	-8	-8	110	111
2022/07/11	08:26:00	0.000	-8	-8	110	110
2022/07/11	08:28:00	0.000	-8	-8	110	111
2022/07/11	08:30:00	0.000	-8	-8	110	111

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	08:32:00	0.000	-8	-8	111	112
2022/07/11	08:34:00	0.000	-8	-8	112	113
2022/07/11	08:36:00	0.000	-8	-8	112	113
2022/07/11	08:38:00	0.000	-8	-8	112	113
2022/07/11	08:40:00	0.000	-8	-8	112	112
2022/07/11	08:42:00	0.000	-8.000	-8.000	112.000	113.000
2022/07/11	08:44:00	0.000	-8	-8	112	113
2022/07/11	08:46:00	0.000	-8	-8	112	113
2022/07/11	08:48:00	0.000	-8	-8	112	113
2022/07/11	08:50:00	0.000	-8	-8	112	113
2022/07/11	08:52:00	0.000	-8	-8	112	113
2022/07/11	08:54:00	0.000	-8	-8	112	113
2022/07/11	08:56:00	0.000	-8	-8	113	114
2022/07/11	08:58:00	0.000	-8	-8	113	114
2022/07/11	09:00:00	0.000	-8	-8	113	115
2022/07/11	09:02:00	0.000	-8	-8	114	114
2022/07/11	09:04:00	0.000	-8	-8	114	114
2022/07/11	09:06:00	0.000	-8	-8	113	114
2022/07/11	09:08:00	0.000	-8	-8	113	114
2022/07/11	09:10:00	0.000	-8	-8	113	115
2022/07/11	09:12:00	0.000	-8	-8	113	114
2022/07/11	09:14:00	0.000	-8	-8	113	114
2022/07/11	09:16:00	0.000	-8	-8	113	114
2022/07/11	09:18:00	0.000	-8	-8	113	113
2022/07/11	09:20:00	0.000	-8	-7	113	114
2022/07/11	09:22:00	0.000	-8	-7	113	114
2022/07/11	09:24:00	0.000	-8	-7	114	115
2022/07/11	09:26:00	0.000	-8	-8	114	116
2022/07/11	09:28:00	0.000	-8	-8	116	117
2022/07/11	09:30:00	0.000	-8	-8	115	116
2022/07/11	09:32:00	0.000	-8	-8	115	116
2022/07/11	09:34:00	0.000	-8	-8	116	116
2022/07/11	09:36:00	0.000	-8	-8	116	117
2022/07/11	09:38:00	0.000	-8	-8	116	116
2022/07/11	09:40:00	0.000	-8	-7	116	116
2022/07/11	09:42:00	0.000	-8	-8	116	117
2022/07/11	09:44:00	0.000	-8	-8	116	117
2022/07/11	09:46:00	0.000	-8	-8	116	116
2022/07/11	09:48:00	0.000	-8	-8	116	116
2022/07/11	09:50:00	0.000	-8	-8	114	116
2022/07/11	09:52:00	0.000	-8	-8	115	116
2022/07/11	09:54:00	0.000	-8	-8	115	116
2022/07/11	09:56:00	0.000	-8	-8	115	117
2022/07/11	09:58:00	0.000	-8	-8	115	116
2022/07/11	10:00:00	0.000	-8	-8	116	117
2022/07/11	10:02:00	0.000	-8	-8	115	116
2022/07/11	10:04:00	0.000	-8	-8	116	117
2022/07/11	10:06:00	0.000	-9	33	117	117
2022/07/11	10:08:00	0.000	5	5	116	117
2022/07/11	10:10:00	0.000	5	5	117	118
2022/07/11	10:12:00	0.000	5	5	117	118
2022/07/11	10:14:00	0.000	4	5	117	118
2022/07/11	10:16:00	0.000	4	5	117	118
2022/07/11	10:18:00	0.000	4	8	117	231
2022/07/11	10:20:00	0.000	-9	7	117	207
2022/07/11	10:22:00	0.000	-3	-3	117	119
2022/07/11	10:24:00	0.000	-3	-3	116	118
2022/07/11	10:26:00	0.000	-3	10	115	116
2022/07/11	10:28:00	0.000	-14	22	116	178
2022/07/11	10:30:00	0.000	-14	-13	116	257
2022/07/11	10:32:00	0.000	-14	-13	116	118
2022/07/11	10:34:00	0.000	-14	-14	117	118
2022/07/11	10:36:00	0.000	-14	-14	117	118
2022/07/11	10:38:00	0.000	-14	-13	117	117

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	10:40:00	0.000	-14	-13	116	117
2022/07/11	10:42:00	0.000	-14	957	116	374
2022/07/11	10:44:00	0.000	850	932	374	1122
2022/07/11	10:46:00	0.000	94	908	1122	1470
2022/07/11	10:48:00	0.000	-14	94	1114	1480
2022/07/11	10:50:00	0.000	-14	936	947	1182
2022/07/11	10:52:00	0.000	882	936	1182	1593
2022/07/11	10:54:00	0.000	865	927	1369	1570
2022/07/11	10:56:00	0.000	863	929	1373	1583
2022/07/11	10:58:00	0.000	892	954	1418	1604
2022/07/11	11:00:00	0.000	916	978	1418	1612
2022/07/11	11:02:00	0.000	926	981	1400	1616
2022/07/11	11:04:00	0.000	924	980	1435	1615
2022/07/11	11:06:00	0.000	935	990	1438	1627
2022/07/11	11:08:00	0.000	930	990	1446	1634
2022/07/11	11:10:00	0.000	946.000	1002.000	1440.000	1638.000
2022/07/11	11:12:00	0.000	947	1000	1452	1606
2022/07/11	11:14:00	0.000	951	1002	1438	1641
2022/07/11	11:16:00	0.000	947	999	1429	1641
2022/07/11	11:18:00	0.000	948	1001	1424	1642
2022/07/11	11:20:00	0.000	951	1018	1436	1642
2022/07/11	11:22:00	0.000	-9	986	1276	1643
2022/07/11	11:24:00	0.000	-9	818	955	1276
2022/07/11	11:26:00	0.000	198	2332	937	1957
2022/07/11	11:28:00	0.000	-9	198	1229	1895
2022/07/11	11:30:00	0.000	-9	1422	936	1229
2022/07/11	11:32:00	0.000	1413	2104	937	1678
2022/07/11	11:34:00	0.000	1729	1948	1488	1661
2022/07/11	11:36:00	0.000	1783	1931	1533	1656
2022/07/11	11:38:00	0.000	1769	1955	1520	1654
2022/07/11	11:40:00	0.000	1798	1933	1513	1663
2022/07/11	11:42:00	0.000	1768	1933	1547	1633
2022/07/11	11:44:00	0.000	1794	1945	1533	1661
2022/07/11	11:46:00	0.000	1776	1955	1512	1662
2022/07/11	11:48:00	0.000	1760	1950	1504	1664
2022/07/11	11:50:00	0.000	1798	1951	1538	1665
2022/07/11	11:52:00	0.000	1780	1950	1497	1669
2022/07/11	11:54:00	0.000	1805	1982	1507	1671
2022/07/11	11:56:00	0.000	1817	1990	1504	1671
2022/07/11	11:58:00	0.000	1809	1953	1446	1673
2022/07/11	12:00:00	0.000	1800	1985	1543	1672
2022/07/11	12:02:00	0.000	484	1990	1380	1682
2022/07/11	12:04:00	0.000	-9	538	1076	1380
2022/07/11	12:06:00	0.000	-9	-9	840	1076
2022/07/11	12:08:00	0.000	-9	-9	689	840
2022/07/11	12:10:00	0.000	-9	-9	586	689
2022/07/11	12:12:00	0.000	-9	-9	511	586
2022/07/11	12:14:00	0.000	-9	-9	451	511
2022/07/11	12:16:00	0.000	-9	-9	405	451
2022/07/11	12:18:00	0.000	-9	-9	368	405
2022/07/11	12:20:00	0.000	-9	-9	337	368
2022/07/11	12:22:00	0.000	-9	-9	312	337
2022/07/11	12:24:00	0.000	-9	-9	290	312
2022/07/11	12:26:00	0.000	-9	-9	271	290
2022/07/11	12:28:00	0.000	-9	-9	255	271
2022/07/11	12:30:00	0.000	-9	-9	241	255
2022/07/11	12:32:00	0.000	-9	-9	230	241
2022/07/11	12:34:00	0.000	-9	-9	219	230
2022/07/11	12:36:00	0.000	-9	-9	211	219
2022/07/11	12:38:00	0.000	-9	-9	203	211
2022/07/11	12:40:00	0.000	-9	-9	197	203
2022/07/11	12:42:00	0.000	-9	-9	191	197
2022/07/11	12:44:00	0.000	-9	-9	186	191
2022/07/11	12:46:00	0.000	-9	-9	181	186

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	12:48:00	0.000	-9	-9	177	181
2022/07/11	12:50:00	0.000	-9	-9	174	177
2022/07/11	12:52:00	0.000	-9	-9	170	174
2022/07/11	12:54:00	0.000	-9	-9	167	170
2022/07/11	12:56:00	0.000	-9	-9	163	167
2022/07/11	12:58:00	0.000	-9	-9	161	164
2022/07/11	13:00:00	0.000	-9	-9	158	161
2022/07/11	13:02:00	0.000	-9	-9	156	158
2022/07/11	13:04:00	0.000	-9	-9	154	156
2022/07/11	13:06:00	0.000	-9	-9	152	154
2022/07/11	13:08:00	0.000	-9	-9	150	152
2022/07/11	13:10:00	0.000	-9	-9	149	150
2022/07/11	13:12:00	0.000	-9	-9	147	149
2022/07/11	13:14:00	0.000	-9	-9	146	147
2022/07/11	13:16:00	0.000	-9	-9	145	146
2022/07/11	13:18:00	0.000	-9	-9	144	145
2022/07/11	13:20:00	0.000	-9	-9	143	144
2022/07/11	13:22:00	0.000	-9	-9	142	143
2022/07/11	13:24:00	0.000	-9	-9	141	142
2022/07/11	13:26:00	0.000	-9	-9	140	141
2022/07/11	13:28:00	0.000	-9	-9	139	140
2022/07/11	13:30:00	0.000	-9	-9	138	139
2022/07/11	13:32:00	0.000	-9	-9	137	138
2022/07/11	13:34:00	0.000	-9	-9	136	137
2022/07/11	13:36:00	0.000	-9	-9	136	137
2022/07/11	13:38:00	0.000	-9	-9	135	136
2022/07/11	13:40:00	0.000	-9	-9	134	135
2022/07/11	13:42:00	0.000	-9	-9	134	134
2022/07/11	13:44:00	0.000	-9	-9	133	134
2022/07/11	13:46:00	0.000	-9	-9	132	133
2022/07/11	13:48:00	0.000	-9	-9	132	132
2022/07/11	13:50:00	0.000	-9	-9	131	132
2022/07/11	13:52:00	0.000	-9	-9	130	131
2022/07/11	13:54:00	0.000	-9	-9	130	130
2022/07/11	13:56:00	0.000	-9	-9	130	130
2022/07/11	13:58:00	0.000	-9	-9	129	130
2022/07/11	14:00:00	0.000	-9	-9	128	129
2022/07/11	14:02:00	0.000	-9	-9	128	129
2022/07/11	14:04:00	0.000	-9	-9	128	128
2022/07/11	14:06:00	0.000	-9	-9	127	128
2022/07/11	14:08:00	0.000	-9	-9	127	127
2022/07/11	14:10:00	0.000	-9	-9	126	127
2022/07/11	14:12:00	0.000	-9	-9	126	126
2022/07/11	14:14:00	0.000	-9	-9	125	126
2022/07/11	14:16:00	0.000	-9.000	-9.000	125.000	125.000
2022/07/11	14:18:00	0.000	-9	-9	124	125
2022/07/11	14:20:00	0.000	-9	-9	124	125
2022/07/11	14:22:00	0.000	-9	-9	124	124
2022/07/11	14:24:00	0.000	-9	-9	123	124
2022/07/11	14:26:00	0.000	-9	-9	123	123
2022/07/11	14:28:00	0.000	-9	-9	123	123
2022/07/11	14:30:00	0.000	-9	-9	122	123
2022/07/11	14:32:00	0.000	-9	-9	122	122
2022/07/11	14:34:00	0.000	-9	-9	121	122
2022/07/11	14:36:00	0.000	-9	-9	121	121
2022/07/11	14:38:00	0.000	-9	-9	121	121
2022/07/11	14:40:00	0.000	-9	-9	120	121
2022/07/11	14:42:00	0.000	-9	-9	120	120
2022/07/11	14:44:00	0.000	-9	-9	120	120
2022/07/11	14:46:00	0.000	-9	-9	119	120
2022/07/11	14:48:00	0.000	-9	-9	119	120
2022/07/11	14:50:00	0.000	-9	-9	118	119
2022/07/11	14:52:00	0.000	-9	-9	118	118
2022/07/11	14:54:00	0.000	-9	-9	118	118

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	14:56:00	0.000	-9	-9	117	118
2022/07/11	14:58:00	0.000	-9	-9	117	117
2022/07/11	15:00:00	0.000	-9	-9	116	117
2022/07/11	15:02:00	0.000	-9	-9	116	116
2022/07/11	15:04:00	0.000	-9	-9	115	116
2022/07/11	15:06:00	0.000	-9	-9	115	116
2022/07/11	15:08:00	0.000	-9	-9	115	115
2022/07/11	15:10:00	0.000	-9	-9	114	115
2022/07/11	15:12:00	0.000	-9	-9	114	114
2022/07/11	15:14:00	0.000	-9	-9	113	114
2022/07/11	15:16:00	0.000	-9	-9	113	113
2022/07/11	15:18:00	0.000	-9	-9	112	113
2022/07/11	15:20:00	0.000	-9	-9	112	113
2022/07/11	15:22:00	0.000	-9	-9	112	112
2022/07/11	15:24:00	0.000	-9	-9	112	112
2022/07/11	15:26:00	0.000	-9	-9	111	112
2022/07/11	15:28:00	0.000	-9	-9	111	111
2022/07/11	15:30:00	0.000	-9	-9	111	111
2022/07/11	15:32:00	0.000	-9	-9	111	111
2022/07/11	15:34:00	0.000	-9	-9	111	111
2022/07/11	15:36:00	0.000	-9	-9	111	111
2022/07/11	15:38:00	0.000	-9	-9	110	111
2022/07/11	15:40:00	0.000	-9	-9	110	110
2022/07/11	15:42:00	0.000	-9	-9	110	110
2022/07/11	15:44:00	0.000	-9	-9	110	110
2022/07/11	15:46:00	0.000	-9	-9	110	110
2022/07/11	15:48:00	0.000	-9	-9	110	110
2022/07/11	15:50:00	0.000	-9	-9	110	110
2022/07/11	15:52:00	0.000	-9	-9	110	110
2022/07/11	15:54:00	0.000	-9	-9	110	110
2022/07/11	15:56:00	0.000	-9	-9	109	110
2022/07/11	15:58:00	0.000	-9	-9	109	109
2022/07/11	16:00:00	0.000	-9	-9	109	109
2022/07/11	16:02:00	0.000	-9	-9	109	109
2022/07/11	16:04:00	0.000	-9	-9	109	109
2022/07/11	16:06:00	0.000	-9	-9	109	109
2022/07/11	16:08:00	0.000	-9	-9	109	109
2022/07/11	16:10:00	0.000	-9	-9	109	109
2022/07/11	16:12:00	0.000	-9	-9	109	109
2022/07/11	16:14:00	0.000	-9	-9	109	109
2022/07/11	16:16:00	0.000	-9	-9	109	109
2022/07/11	16:18:00	0.000	-9	-9	109	109
2022/07/11	16:20:00	0.000	-9	-9	108	109
2022/07/11	16:22:00	0.000	-9	-9	108	108
2022/07/11	16:24:00	0.000	-9	-9	108	108
2022/07/11	16:26:00	0.000	-9	-9	108	108
2022/07/11	16:28:00	0.000	-9	-9	108	108
2022/07/11	16:30:00	0.000	-9	-9	108	108
2022/07/11	16:32:00	0.000	-9	-9	108	108
2022/07/11	16:34:00	0.000	-9	-9	107	108
2022/07/11	16:36:00	0.000	-9	-9	107	108
2022/07/11	16:38:00	0.000	-9	-9	107	107
2022/07/11	16:40:00	0.000	-9	-9	107	107
2022/07/11	16:42:00	0.000	-9	-9	107	107
2022/07/11	16:44:00	0.000	-9	-9	107	107
2022/07/11	16:46:00	0.000	-9	-9	106	107
2022/07/11	16:48:00	0.000	-9	-9	106	107
2022/07/11	16:50:00	0.000	-9	-9	106	107
2022/07/11	16:52:00	0.000	-9	-9	106	106
2022/07/11	16:54:00	0.000	-9	-9	106	106
2022/07/11	16:56:00	0.000	-9	-9	106	106
2022/07/11	16:58:00	0.000	-9	-9	106	106
2022/07/11	17:00:00	0.000	-9	-9	106	106
2022/07/11	17:02:00	0.000	-9	-9	106	106

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	17:04:00	0.000	-9	-9	106	106
2022/07/11	17:06:00	0.000	-9	-9	106	106
2022/07/11	17:08:00	0.000	-9	-9	106	106
2022/07/11	17:10:00	0.000	-9	-9	106	106
2022/07/11	17:12:00	0.000	-9	-9	106	106
2022/07/11	17:14:00	0.000	-9	-9	106	106
2022/07/11	17:16:00	0.000	-9	-9	106	106
2022/07/11	17:18:00	0.000	-9	-9	106	106
2022/07/11	17:20:00	0.000	-9	-9	106	106
2022/07/11	17:22:00	0.000	-9	-9	105	106
2022/07/11	17:24:00	0.000	-9	-9	105	106
2022/07/11	17:26:00	0.000	-9	-9	105	106
2022/07/11	17:28:00	0.000	-9	-9	105	106
2022/07/11	17:30:00	0.000	-9	-9	105	106
2022/07/11	17:32:00	0.000	-9	-9	105	105
2022/07/11	17:34:00	0.000	-9	-9	105	105
2022/07/11	17:36:00	0.000	-9	-9	105	105
2022/07/11	17:38:00	0.000	-9	-9	105	105
2022/07/11	17:40:00	0.000	-9	-9	105	105
2022/07/11	17:42:00	0.000	-9	-9	105	105
2022/07/11	17:44:00	0.000	-9	-9	105	105
2022/07/11	17:46:00	0.000	-9	-9	105	105
2022/07/11	17:48:00	0.000	-9	-9	105	105
2022/07/11	17:50:00	0.000	-9	-9	104	105
2022/07/11	17:52:00	0.000	-9	-9	104	104
2022/07/11	17:54:00	0.000	-9	-9	104	104
2022/07/11	17:56:00	0.000	-9	-9	104	104
2022/07/11	17:58:00	0.000	-9	-9	104	104
2022/07/11	18:00:00	0.000	-9	-9	103	104
2022/07/11	18:02:00	0.000	-9	-9	103	104
2022/07/11	18:04:00	0.000	-9	-9	103	103
2022/07/11	18:06:00	0.000	-9	-9	103	103
2022/07/11	18:08:00	0.000	-9	-9	103	103
2022/07/11	18:10:00	0.000	-9	-9	102	103
2022/07/11	18:12:00	0.000	-9	-9	102	102
2022/07/11	18:14:00	0.000	-9	-9	102	102
2022/07/11	18:16:00	0.000	-9	-9	102	102
2022/07/11	18:18:00	0.000	-9	-9	101	102
2022/07/11	18:20:00	0.000	-9	-9	101	101
2022/07/11	18:22:00	0.000	-9	-9	101	101
2022/07/11	18:24:00	0.000	-9	-9	101	101
2022/07/11	18:26:00	0.000	-9	-9	101	101
2022/07/11	18:28:00	0.000	-9	-9	100	101
2022/07/11	18:30:00	0.000	-9	-9	100	100
2022/07/11	18:32:00	0.000	-9	-9	100	100
2022/07/11	18:34:00	0.000	-9	-9	100	100
2022/07/11	18:36:00	0.000	-9	-9	100	100
2022/07/11	18:38:00	0.000	-9	-9	100	100
2022/07/11	18:40:00	0.000	-9	-9	100	100
2022/07/11	18:42:00	0.000	-9	-9	100	100
2022/07/11	18:44:00	0.000	-9	-9	100	100
2022/07/11	18:46:00	0.000	-9	-9	99	100
2022/07/11	18:48:00	0.000	-9	-9	99	100
2022/07/11	18:50:00	0.000	-10	-9	99	99
2022/07/11	18:52:00	0.000	-10	-9	99	99
2022/07/11	18:54:00	0.000	-10	-9	99	99
2022/07/11	18:56:00	0.000	-10	-9	98	99
2022/07/11	18:58:00	0.000	-10	-9	98	98
2022/07/11	19:00:00	0.000	-10	-9	98	98
2022/07/11	19:02:00	0.000	-10	-9	98	98
2022/07/11	19:04:00	0.000	-10	-9	98	98
2022/07/11	19:06:00	0.000	-10	-9	97	98
2022/07/11	19:08:00	0.000	-10	-9	97	97
2022/07/11	19:10:00	0.000	-10	-9	97	97

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/11	19:12:00		0.000	-10	-9	97	97
2022/07/11	19:14:00		0.000	-10	-9	97	97
2022/07/11	19:16:00		0.000	-9	-9	96	97
2022/07/11	19:18:00		0.000	-9	-9	96	96
2022/07/11	19:20:00		0.000	-10	-9	96	97
2022/07/11	19:22:00		0.000	-9	-9	96	96
2022/07/11	19:24:00		0.000	-9	-9	96	96
2022/07/11	19:26:00		0.000	-9	-9	96	96
2022/07/11	19:28:00		0.000	-9	-9	96	96
2022/07/11	19:30:00		0.000	-9	-9	96	96
2022/07/11	19:32:00		0.000	-9	-9	96	96
2022/07/11	19:34:00		0.000	-9	-9	96	96
2022/07/11	19:36:00		0.000	-9	-9	96	96
2022/07/11	19:38:00		0.000	-9	-9	95	96
2022/07/11	19:40:00		0.000	-9	-9	95	96
2022/07/11	19:42:00		0.000	-9	-9	95	96
2022/07/11	19:44:00		0.000	-9	-9	95	95
2022/07/11	19:46:00		0.000	-10	-9	95	96
2022/07/11	19:48:00		0.000	-10	-9	95	95
2022/07/11	19:50:00		0.000	-10	-9	95	95
2022/07/11	19:52:00		0.000	-10	-9	94	95
2022/07/11	19:54:00		0.000	-10	-9	94	95
2022/07/11	19:56:00		0.000	-10	-9	94	94
2022/07/11	19:58:00		0.000	-10	-9	94	94
2022/07/11	20:00:00		0.000	-10	-9	94	95
2022/07/11	20:02:00		0.000	-10	-9	94	95
2022/07/11	20:04:00		0.000	-10	-9	94	94
2022/07/11	20:06:00		0.000	-10	-9	94	94
2022/07/11	20:08:00		0.000	-10	-9	94	94
2022/07/11	20:10:00		0.000	-10	-9	94	95
2022/07/11	20:12:00		0.000	-10	-9	94	94
2022/07/11	20:14:00		0.000	-10	-9	93	94
2022/07/11	20:16:00		0.000	-10	-9	93	93
2022/07/11	20:18:00		0.000	-10	-9	93	93
2022/07/11	20:20:00		0.000	-10	-9	93	93
2022/07/11	20:22:00		0.000	-10	-9	93	93
2022/07/11	20:24:00		0.000	-10	-9	93	93
2022/07/11	20:26:00		0.000	-10	-9	93	93
2022/07/11	20:28:00		0.000	-10	-9	93	93
2022/07/11	20:30:00		0.000	-10	-9	93	93
2022/07/11	20:32:00		0.000	-10	-9	93	93
2022/07/11	20:34:00		0.000	-10	-9	93	93
2022/07/11	20:36:00		0.000	-10	-9	93	93
2022/07/11	20:38:00		0.000	-10	-9	93	93
2022/07/11	20:40:00		0.000	-10	-9	93	93
2022/07/11	20:42:00		0.000	-10	-9	93	93
2022/07/11	20:44:00		0.000	-10	-9	93	93
2022/07/11	20:46:00		0.000	-10	-9	93	93
2022/07/11	20:48:00		0.000	-10	-9	93	93
2022/07/11	20:50:00		0.000	-10	-9	93	93
2022/07/11	20:52:00		0.000	-10	-9	92	93
2022/07/11	20:54:00		0.000	-10	-9	92	93
2022/07/11	20:56:00		0.000	-10	-9	92	93
2022/07/11	20:58:00		0.000	-10	-9	92	92
2022/07/11	21:00:00		0.000	-10	-9	92	92
2022/07/11	21:02:00		0.000	-10	-9	92	93
2022/07/11	21:04:00		0.000	-10	-9	92	93
2022/07/11	21:06:00		0.000	-10	-9	92	92
2022/07/11	21:08:00		0.000	-10	-9	92	92
2022/07/11	21:10:00		0.000	-10	-9	92	93
2022/07/11	21:12:00		0.000	-10	-9	92	93
2022/07/11	21:14:00		0.000	-10	-9	92	92
2022/07/11	21:16:00		0.000	-10	-9	92	93
2022/07/11	21:18:00		0.000	-10	-9	92	93

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	21:20:00	0.000	-10	-9	92	93
2022/07/11	21:22:00	0.000	-10	-9	92	92
2022/07/11	21:24:00	0.000	-10	-9	92	92
2022/07/11	21:26:00	0.000	-10	-9	92	92
2022/07/11	21:28:00	0.000	-10	-9	92	92
2022/07/11	21:30:00	0.000	-10	-9	92	92
2022/07/11	21:32:00	0.000	-10	-9	92	92
2022/07/11	21:34:00	0.000	-10	-9	92	92
2022/07/11	21:36:00	0.000	-10	-9	92	92
2022/07/11	21:38:00	0.000	-10	-9	92	92
2022/07/11	21:40:00	0.000	-10	-9	92	92
2022/07/11	21:42:00	0.000	-10	-9	92	92
2022/07/11	21:44:00	0.000	-10	-9	92	92
2022/07/11	21:46:00	0.000	-10	-9	92	92
2022/07/11	21:48:00	0.000	-10	-9	92	92
2022/07/11	21:50:00	0.000	-10	-9	92	93
2022/07/11	21:52:00	0.000	-10	-9	92	93
2022/07/11	21:54:00	0.000	-10	-9	92	92
2022/07/11	21:56:00	0.000	-10	-9	92	92
2022/07/11	21:58:00	0.000	-10	-9	91	92
2022/07/11	22:00:00	0.000	-10	-9	91	92
2022/07/11	22:02:00	0.000	-10	-9	91	92
2022/07/11	22:04:00	0.000	-10	-9	91	92
2022/07/11	22:06:00	0.000	-10	-9	92	92
2022/07/11	22:08:00	0.000	-10	-9	92	92
2022/07/11	22:10:00	0.000	-10	-9	92	92
2022/07/11	22:12:00	0.000	-10	-9	91	92
2022/07/11	22:14:00	0.000	-10	-9	91	92
2022/07/11	22:16:00	0.000	-10	-9	92	92
2022/07/11	22:18:00	0.000	-10	-9	92	92
2022/07/11	22:20:00	0.000	-10	-9	92	92
2022/07/11	22:22:00	0.000	-10	-9	92	92
2022/07/11	22:24:00	0.000	-10	-9	92	92
2022/07/11	22:26:00	0.000	-10	-9	92	92
2022/07/11	22:28:00	0.000	-10	-9	92	92
2022/07/11	22:30:00	0.000	-10	-9	92	92
2022/07/11	22:32:00	0.000	-10	-9	91	92
2022/07/11	22:34:00	0.000	-10	-9	92	92
2022/07/11	22:36:00	0.000	-10	-9	92	92
2022/07/11	22:38:00	0.000	-10	-9	92	92
2022/07/11	22:40:00	0.000	-10	-9	92	92
2022/07/11	22:42:00	0.000	-10	-9	92	92
2022/07/11	22:44:00	0.000	-10	-9	92	92
2022/07/11	22:46:00	0.000	-10	-9	92	92
2022/07/11	22:48:00	0.000	-10	-9	92	92
2022/07/11	22:50:00	0.000	-10	-9	92	92
2022/07/11	22:52:00	0.000	-10	-9	92	92
2022/07/11	22:54:00	0.000	-10	-9	92	92
2022/07/11	22:56:00	0.000	-10	-9	91	92
2022/07/11	22:58:00	0.000	-10	-9	91	92
2022/07/11	23:00:00	0.000	-10	-9	91	92
2022/07/11	23:02:00	0.000	-10	-9	92	92
2022/07/11	23:04:00	0.000	-10	-9	92	92
2022/07/11	23:06:00	0.000	-10	-9	92	92
2022/07/11	23:08:00	0.000	-10	-9	92	92
2022/07/11	23:10:00	0.000	-10	-9	92	92
2022/07/11	23:12:00	0.000	-10	-9	92	92
2022/07/11	23:14:00	0.000	-10	-9	92	92
2022/07/11	23:16:00	0.000	-10	-9	92	92
2022/07/11	23:18:00	0.000	-10	-9	91	92
2022/07/11	23:20:00	0.000	-10	-9	91	92
2022/07/11	23:22:00	0.000	-10	-9	91	92
2022/07/11	23:24:00	0.000	-10	-9	91	91
2022/07/11	23:26:00	0.000	-10	-9	91	91

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/11	23:28:00	0.000	-10	-9	91	92
2022/07/11	23:30:00	0.000	-10	-9	92	92
2022/07/11	23:32:00	0.000	-10	-9	91	92
2022/07/11	23:34:00	0.000	-10	-9	91	92
2022/07/11	23:36:00	0.000	-10	-9	91	92
2022/07/11	23:38:00	0.000	-10	-9	91	92
2022/07/11	23:40:00	0.000	-10	-9	91	92
2022/07/11	23:42:00	0.000	-10	-9	91	92
2022/07/11	23:44:00	0.000	-10	-9	91	91
2022/07/11	23:46:00	0.000	-10	-9	91	92
2022/07/11	23:48:00	0.000	-10	-9	91	92
2022/07/11	23:50:00	0.000	-10	-9	91	92
2022/07/11	23:52:00	0.000	-10	-9	91	91
2022/07/11	23:54:00	0.000	-10	-9	91	91
2022/07/11	23:56:00	0.000	-10	-9	91	91
2022/07/11	23:58:00	0.000	-10	-9	91	91

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	00:00:00	0.000	-10	-9	91	92
2022/07/12	00:02:00	0.000	-10	-9	91	92
2022/07/12	00:04:00	0.000	-10	-9	91	92
2022/07/12	00:06:00	0.000	-10	-9	91	91
2022/07/12	00:08:00	0.000	-10	-9	91	92
2022/07/12	00:10:00	0.000	-10	-9	92	92
2022/07/12	00:12:00	0.000	-10	-9	91	92
2022/07/12	00:14:00	0.000	-10	-9	91	92
2022/07/12	00:16:00	0.000	-10	-9	91	92
2022/07/12	00:18:00	0.000	-10	-9	91	92
2022/07/12	00:20:00	0.000	-10	-9	91	92
2022/07/12	00:22:00	0.000	-10	-9	91	92
2022/07/12	00:24:00	0.000	-10	-9	91	91
2022/07/12	00:26:00	0.000	-10	-9	91	91
2022/07/12	00:28:00	0.000	-10	-9	91	91
2022/07/12	00:30:00	0.000	-10	-9	91	91
2022/07/12	00:32:00	0.000	-10	-9	91	91
2022/07/12	00:34:00	0.000	-10	-9	91	91
2022/07/12	00:36:00	0.000	-10	-9	91	91
2022/07/12	00:38:00	0.000	-10	-9	91	92
2022/07/12	00:40:00	0.000	-10	-9	91	92
2022/07/12	00:42:00	0.000	-10	-9	90	92
2022/07/12	00:44:00	0.000	-10	-9	91	92
2022/07/12	00:46:00	0.000	-10	-9	91	91
2022/07/12	00:48:00	0.000	-10	-9	91	92
2022/07/12	00:50:00	0.000	-10	-9	91	91
2022/07/12	00:52:00	0.000	-10	-9	91	91
2022/07/12	00:54:00	0.000	-10	-9	91	92
2022/07/12	00:56:00	0.000	-10	-9	90	91
2022/07/12	00:58:00	0.000	-10	-9	90	92
2022/07/12	01:00:00	0.000	-10	-9	91	91
2022/07/12	01:02:00	0.000	-10	-9	91	91
2022/07/12	01:04:00	0.000	-10	-9	91	91
2022/07/12	01:06:00	0.000	-10	-9	91	91
2022/07/12	01:08:00	0.000	-10	-9	91	91
2022/07/12	01:10:00	0.000	-10	-9	91	91
2022/07/12	01:12:00	0.000	-10	-10	91	91
2022/07/12	01:14:00	0.000	-10	-9	91	91
2022/07/12	01:16:00	0.000	-10	-9	91	91
2022/07/12	01:18:00	0.000	-10	-9	91	91
2022/07/12	01:20:00	0.000	-10	-10	91	91
2022/07/12	01:22:00	0.000	-10	-9	91	91
2022/07/12	01:24:00	0.000	-10	-9	91	91
2022/07/12	01:26:00	0.000	-10	-9	91	91
2022/07/12	01:28:00	0.000	-10	-10	91	91
2022/07/12	01:30:00	0.000	-10	-10	91	91
2022/07/12	01:32:00	0.000	-10	-9	91	91
2022/07/12	01:34:00	0.000	-10	-10	91	91
2022/07/12	01:36:00	0.000	-10	-9	91	91
2022/07/12	01:38:00	0.000	-10	-10	91	91
2022/07/12	01:40:00	0.000	-10	-10	91	91
2022/07/12	01:42:00	0.000	-10	-10	90	91
2022/07/12	01:44:00	0.000	-10	-10	90	91
2022/07/12	01:46:00	0.000	-10	-10	90	91
2022/07/12	01:48:00	0.000	-10	-10	90	90
2022/07/12	01:50:00	0.000	-10	-10	90	90
2022/07/12	01:52:00	0.000	-10	-10	90	90
2022/07/12	01:54:00	0.000	-10	-10	90	91
2022/07/12	01:56:00	0.000	-10	-10	90	90
2022/07/12	01:58:00	0.000	-10	-10	90	90
2022/07/12	02:00:00	0.000	-10	-10	90	90
2022/07/12	02:02:00	0.000	-10	-10	90	91
2022/07/12	02:04:00	0.000	-10	-10	90	91
2022/07/12	02:06:00	0.000	-10	-10	90	90

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	02:08:00	0.000	-10	-10	90	90
2022/07/12	02:10:00	0.000	-10	-10	90	91
2022/07/12	02:12:00	0.000	-10	-10	90	91
2022/07/12	02:14:00	0.000	-10	-10	90	90
2022/07/12	02:16:00	0.000	-10	-10	90	90
2022/07/12	02:18:00	0.000	-10	-10	90	90
2022/07/12	02:20:00	0.000	-10	-10	90	90
2022/07/12	02:22:00	0.000	-10	-10	90	90
2022/07/12	02:24:00	0.000	-10	-10	90	90
2022/07/12	02:26:00	0.000	-10	-10	90	90
2022/07/12	02:28:00	0.000	-10	-10	90	90
2022/07/12	02:30:00	0.000	-10	-10	90	90
2022/07/12	02:32:00	0.000	-10	-10	90	90
2022/07/12	02:34:00	0.000	-10	-10	90	90
2022/07/12	02:36:00	0.000	-10	-10	90	90
2022/07/12	02:38:00	0.000	-10	-10	90	90
2022/07/12	02:40:00	0.000	-10	-10	90	90
2022/07/12	02:42:00	0.000	-10	-10	90	90
2022/07/12	02:44:00	0.000	-10	-10	89	90
2022/07/12	02:46:00	0.000	-10	-10	90	90
2022/07/12	02:48:00	0.000	-10	-10	90	90
2022/07/12	02:50:00	0.000	-10	-10	89	90
2022/07/12	02:52:00	0.000	-10	-10	89	90
2022/07/12	02:54:00	0.000	-10	-10	90	90
2022/07/12	02:56:00	0.000	-10	-10	90	90
2022/07/12	02:58:00	0.000	-10	-10	90	90
2022/07/12	03:00:00	0.000	-10	-10	90	90
2022/07/12	03:02:00	0.000	-10	-10	90	90
2022/07/12	03:04:00	0.000	-10	-10	90	90
2022/07/12	03:06:00	0.000	-10	-10	90	90
2022/07/12	03:08:00	0.000	-10	-10	90	90
2022/07/12	03:10:00	0.000	-10	-10	90	90
2022/07/12	03:12:00	0.000	-10	-10	90	90
2022/07/12	03:14:00	0.000	-10	-10	90	90
2022/07/12	03:16:00	0.000	-10	-10	90	90
2022/07/12	03:18:00	0.000	-10	-10	90	90
2022/07/12	03:20:00	0.000	-10	-10	90	90
2022/07/12	03:22:00	0.000	-10	-10	90	90
2022/07/12	03:24:00	0.000	-10	-10	90	90
2022/07/12	03:26:00	0.000	-10	-10	89	90
2022/07/12	03:28:00	0.000	-10	-10	89	90
2022/07/12	03:30:00	0.000	-10	-10	89	90
2022/07/12	03:32:00	0.000	-10	-10	89	89
2022/07/12	03:34:00	0.000	-10	-10	89	89
2022/07/12	03:36:00	0.000	-10	-10	89	89
2022/07/12	03:38:00	0.000	-10	-10	89	89
2022/07/12	03:40:00	0.000	-10	-10	89	89
2022/07/12	03:42:00	0.000	-10	-10	89	89
2022/07/12	03:44:00	0.000	-10	-10	89	89
2022/07/12	03:46:00	0.000	-10	-10	89	90
2022/07/12	03:48:00	0.000	-10	-10	89	90
2022/07/12	03:50:00	0.000	-10	-10	89	90
2022/07/12	03:52:00	0.000	-10	-10	89	89
2022/07/12	03:54:00	0.000	-10	-10	89	90
2022/07/12	03:56:00	0.000	-10	-10	89	90
2022/07/12	03:58:00	0.000	-10	-10	89	90
2022/07/12	04:00:00	0.000	-10	-10	89	89
2022/07/12	04:02:00	0.000	-10	-10	89	89
2022/07/12	04:04:00	0.000	-10	-10	89	89
2022/07/12	04:06:00	0.000	-10	-10	89	89
2022/07/12	04:08:00	0.000	-10	-10	89	90
2022/07/12	04:10:00	0.000	-10	-10	89	89
2022/07/12	04:12:00	0.000	-10	-10	89	90
2022/07/12	04:14:00	0.000	-10	-10	89	90

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	04:16:00	0.000	-10	-10	89	90
2022/07/12	04:18:00	0.000	-10	-10	89	90
2022/07/12	04:20:00	0.000	-10	-10	89	89
2022/07/12	04:22:00	0.000	-10	-10	89	89
2022/07/12	04:24:00	0.000	-10	-10	89	89
2022/07/12	04:26:00	0.000	-10	-10	89	89
2022/07/12	04:28:00	0.000	-10	-10	89	90
2022/07/12	04:30:00	0.000	-10	-10	89	90
2022/07/12	04:32:00	0.000	-10	-10	89	90
2022/07/12	04:34:00	0.000	-10	-10	89	89
2022/07/12	04:36:00	0.000	-10	-10	89	90
2022/07/12	04:38:00	0.000	-10	-10	89	90
2022/07/12	04:40:00	0.000	-10	-10	89	90
2022/07/12	04:42:00	0.000	-10	-10	89	90
2022/07/12	04:44:00	0.000	-10	-10	89	90
2022/07/12	04:46:00	0.000	-10	-10	89	90
2022/07/12	04:48:00	0.000	-10	-10	89	90
2022/07/12	04:50:00	0.000	-10	-10	89	89
2022/07/12	04:52:00	0.000	-10	-10	89	89
2022/07/12	04:54:00	0.000	-10	-10	89	90
2022/07/12	04:56:00	0.000	-10	-10	89	90
2022/07/12	04:58:00	0.000	-10	-10	89	89
2022/07/12	05:00:00	0.000	-10	-10	89	89
2022/07/12	05:02:00	0.000	-10	-10	89	89
2022/07/12	05:04:00	0.000	-10	-10	89	89
2022/07/12	05:06:00	0.000	-10	-10	89	89
2022/07/12	05:08:00	0.000	-10	-10	89	89
2022/07/12	05:10:00	0.000	-10	-10	89	89
2022/07/12	05:12:00	0.000	-10	-10	89	89
2022/07/12	05:14:00	0.000	-10	-10	89	89
2022/07/12	05:16:00	0.000	-10	-10	89	90
2022/07/12	05:18:00	0.000	-10	-10	89	89
2022/07/12	05:20:00	0.000	-10	-10	89	90
2022/07/12	05:22:00	0.000	-10	-10	89	89
2022/07/12	05:24:00	0.000	-10	-10	89	89
2022/07/12	05:26:00	0.000	-10	-10	89	89
2022/07/12	05:28:00	0.000	-10	-10	89	89
2022/07/12	05:30:00	0.000	-10	-10	89	89
2022/07/12	05:32:00	0.000	-10	-10	89	90
2022/07/12	05:34:00	0.000	-10	-10	89	90
2022/07/12	05:36:00	0.000	-10	-10	89	89
2022/07/12	05:38:00	0.000	-10	-10	89	89
2022/07/12	05:40:00	0.000	-10	-10	89	89
2022/07/12	05:42:00	0.000	-10	-10	89	89
2022/07/12	05:44:00	0.000	-10	-10	89	89
2022/07/12	05:46:00	0.000	-10	-10	89	89
2022/07/12	05:48:00	0.000	-10	-10	89	89
2022/07/12	05:50:00	0.000	-10	-10	89	89
2022/07/12	05:52:00	0.000	-10	-10	89	89
2022/07/12	05:54:00	0.000	-10	-10	89	90
2022/07/12	05:56:00	0.000	-10	-10	89	89
2022/07/12	05:58:00	0.000	-10	-10	89	89
2022/07/12	06:00:00	0.000	-10	-10	89	89
2022/07/12	06:02:00	0.000	-10	-10	89	89
2022/07/12	06:04:00	0.000	-10	-10	89	90
2022/07/12	06:06:00	0.000	-10	-10	89	90
2022/07/12	06:08:00	0.000	-10	-10	89	90
2022/07/12	06:10:00	0.000	-10	-10	89	89
2022/07/12	06:12:00	0.000	-10	-10	89	90
2022/07/12	06:14:00	0.000	-10	-10	89	90
2022/07/12	06:16:00	0.000	-10	-10	89	89
2022/07/12	06:18:00	0.000	-10	-10	89	90
2022/07/12	06:20:00	0.000	-10	-10	89	90
2022/07/12	06:22:00	0.000	-10	-10	89	90

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	06:24:00	0.000	-10	-10	89	89
2022/07/12	06:26:00	0.000	-10	-10	89	89
2022/07/12	06:28:00	0.000	-10	-10	89	90
2022/07/12	06:30:00	0.000	-10	-10	89	89
2022/07/12	06:32:00	0.000	-10	-10	89	89
2022/07/12	06:34:00	0.000	-10	-10	89	89
2022/07/12	06:36:00	0.000	-10	-10	89	89
2022/07/12	06:38:00	0.000	-10	-10	89	90
2022/07/12	06:40:00	0.000	-10	-10	89	90
2022/07/12	06:42:00	0.000	-10	-10	90	90
2022/07/12	06:44:00	0.000	-10	-10	90	90
2022/07/12	06:46:00	0.000	-10	-10	90	90
2022/07/12	06:48:00	0.000	-10	-10	90	90
2022/07/12	06:50:00	0.000	-10	-10	90	90
2022/07/12	06:52:00	0.000	-10	-10	90	90
2022/07/12	06:54:00	0.000	-10	-10	90	90
2022/07/12	06:56:00	0.000	-10	-10	90	90
2022/07/12	06:58:00	0.000	-10	-10	90	90
2022/07/12	07:00:00	0.000	-10	-10	90	90
2022/07/12	07:02:00	0.000	-10	-10	90	91
2022/07/12	07:04:00	0.000	-10	-10	90	91
2022/07/12	07:06:00	0.000	-10	-10	90	91
2022/07/12	07:08:00	0.000	-10	-10	90	90
2022/07/12	07:10:00	0.000	-10	-10	90	90
2022/07/12	07:12:00	0.000	-10	-10	90	91
2022/07/12	07:14:00	0.000	-10	-10	90	91
2022/07/12	07:16:00	0.000	-10	-10	90	90
2022/07/12	07:18:00	0.000	-10	-10	90	91
2022/07/12	07:20:00	0.000	-10	-10	90	91
2022/07/12	07:22:00	0.000	-10	-10	90	91
2022/07/12	07:24:00	0.000	-10	-10	90	91
2022/07/12	07:26:00	0.000	-10	-10	90	91
2022/07/12	07:28:00	0.000	-10	-10	90	91
2022/07/12	07:30:00	0.000	-10	-10	90	91
2022/07/12	07:32:00	0.000	-10	-10	90	90
2022/07/12	07:34:00	0.000	-10	-10	90	91
2022/07/12	07:36:00	0.000	-10	-10	90	91
2022/07/12	07:38:00	0.000	-10	-10	90	91
2022/07/12	07:40:00	0.000	-10	-10	90	91
2022/07/12	07:42:00	0.000	-10	-10	90	90
2022/07/12	07:44:00	0.000	-10	-10	90	90
2022/07/12	07:46:00	0.000	-10	-10	90	91
2022/07/12	07:48:00	0.000	-10	-10	90	91
2022/07/12	07:50:00	0.000	-10	-10	90	91
2022/07/12	07:52:00	0.000	-10	-10	91	91
2022/07/12	07:54:00	0.000	-10	-10	91	91
2022/07/12	07:56:00	0.000	-10	-10	91	91
2022/07/12	07:58:00	0.000	-10	-10	91	91
2022/07/12	08:00:00	0.000	-10	-10	91	91
2022/07/12	08:02:00	0.000	-10	-10	91	91
2022/07/12	08:04:00	0.000	-10	-10	91	91
2022/07/12	08:06:00	0.000	-10	-10	91	91
2022/07/12	08:08:00	0.000	-10	-10	91	91
2022/07/12	08:10:00	0.000	-10	-10	91	92
2022/07/12	08:12:00	0.000	-10	-10	91	92
2022/07/12	08:14:00	0.000	-10	-10	91	91
2022/07/12	08:16:00	0.000	-10	-10	91	91
2022/07/12	08:18:00	0.000	-10	-9	91	91
2022/07/12	08:20:00	0.000	-10	-10	91	92
2022/07/12	08:22:00	0.000	-10	-10	91	91
2022/07/12	08:24:00	0.000	-10	-10	91	91
2022/07/12	08:26:00	0.000	-10	-10	91	92
2022/07/12	08:28:00	0.000	-10	-9	91	92
2022/07/12	08:30:00	0.000	-10	-9	91	92

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	08:32:00	0.000	-10	-9	91	92
2022/07/12	08:34:00	0.000	-10	-10	91	92
2022/07/12	08:36:00	0.000	-10	-9	92	92
2022/07/12	08:38:00	0.000	-10	-10	91	92
2022/07/12	08:40:00	0.000	-10	-10	91	92
2022/07/12	08:42:00	0.000	-10	-10	91	92
2022/07/12	08:44:00	0.000	-10	-9	91	92
2022/07/12	08:46:00	0.000	-10	-10	92	92
2022/07/12	08:48:00	0.000	-10	-10	92	92
2022/07/12	08:50:00	0.000	-10	-10	91	92
2022/07/12	08:52:00	0.000	-10	-9	92	92
2022/07/12	08:54:00	0.000	-10	-9	92	92
2022/07/12	08:56:00	0.000	-10	-9	92	92
2022/07/12	08:58:00	0.000	-10	-10	92	92
2022/07/12	09:00:00	0.000	-10	-9	92	92
2022/07/12	09:02:00	0.000	-10	-10	92	93
2022/07/12	09:04:00	0.000	-10	-9	92	93
2022/07/12	09:06:00	0.000	-10	-10	92	93
2022/07/12	09:08:00	0.000	-10	-10	92	92
2022/07/12	09:10:00	0.000	-10	-10	92	92
2022/07/12	09:12:00	0.000	-10	-9	92	92
2022/07/12	09:14:00	0.000	-10	-9	92	93
2022/07/12	09:16:00	0.000	-10	-9	92	93
2022/07/12	09:18:00	0.000	-10	-9	92	93
2022/07/12	09:20:00	0.000	-10	-9	92	93
2022/07/12	09:22:00	0.000	-10	-9	93	93
2022/07/12	09:24:00	0.000	-10	-9	93	94
2022/07/12	09:26:00	0.000	-10	-9	93	94
2022/07/12	09:28:00	0.000	-10	-9	93	94
2022/07/12	09:30:00	0.000	-10	-9	93	94
2022/07/12	09:32:00	0.000	-10	-9	93	95
2022/07/12	09:34:00	0.000	-10	-9	94	95
2022/07/12	09:36:00	0.000	-10	-9	94	94
2022/07/12	09:38:00	0.000	-10	-9	94	94
2022/07/12	09:40:00	0.000	-10	-9	94	94
2022/07/12	09:42:00	0.000	-10	-9	94	94
2022/07/12	09:44:00	0.000	-10	-9	94	94
2022/07/12	09:46:00	0.000	-10	-9	94	95
2022/07/12	09:48:00	0.000	-10	-9	93	95
2022/07/12	09:50:00	0.000	-10	-9	93	95
2022/07/12	09:52:00	0.000	-10	-9	94	95
2022/07/12	09:54:00	0.000	-10	-9	94	95
2022/07/12	09:56:00	0.000	-10	-9	94	95
2022/07/12	09:58:00	0.000	-10	-9	94	95
2022/07/12	10:00:00	0.000	-10	-9	94	95
2022/07/12	10:02:00	0.000	-10	-9	95	95
2022/07/12	10:04:00	0.000	-10	-9	95	95
2022/07/12	10:06:00	0.000	-10	-9	95	95
2022/07/12	10:08:00	0.000	-10	-9	95	96
2022/07/12	10:10:00	0.000	-10	-9	95	96
2022/07/12	10:12:00	0.000	-10	-9	96	96
2022/07/12	10:14:00	0.000	-10	-9	95	96
2022/07/12	10:16:00	0.000	-10	-9	95	96
2022/07/12	10:18:00	0.000	-10	-9	95	96
2022/07/12	10:20:00	0.000	-10	-9	95	96
2022/07/12	10:22:00	0.000	-10	-9	96	96
2022/07/12	10:24:00	0.000	-10	-9	96	97
2022/07/12	10:26:00	0.000	-10	-9	96	96
2022/07/12	10:28:00	0.000	-10	-9	96	96
2022/07/12	10:30:00	0.000	-10	-9	96	96
2022/07/12	10:32:00	0.000	-9	-9	96	97
2022/07/12	10:34:00	0.000	-10	-9	97	97
2022/07/12	10:36:00	0.000	-10	-9	97	97
2022/07/12	10:38:00	0.000	-9	-9	96	97

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	10:40:00	0.000	-9	-9	97	98
2022/07/12	10:42:00	0.000	-10	-9	97	97
2022/07/12	10:44:00	0.000	-10	-9	97	97
2022/07/12	10:46:00	0.000	-10	-9	97	98
2022/07/12	10:48:00	0.000	-9	-9	97	98
2022/07/12	10:50:00	0.000	-9	-9	97	98
2022/07/12	10:52:00	0.000	-9	-9	97	97
2022/07/12	10:54:00	0.000	-9	-9	97	97
2022/07/12	10:56:00	0.000	-9	-9	97	97
2022/07/12	10:58:00	0.000	-9	-9	97	97
2022/07/12	11:00:00	0.000	-9	-9	97	98
2022/07/12	11:02:00	0.000	-9	-9	97	98
2022/07/12	11:04:00	0.000	-9	-9	97	98
2022/07/12	11:06:00	0.000	-9	-9	97	97
2022/07/12	11:08:00	0.000	-9	-9	97	97
2022/07/12	11:10:00	0.000	-9	-9	97	98
2022/07/12	11:12:00	0.000	-9	-9	97	98
2022/07/12	11:14:00	0.000	-9	-9	97	97
2022/07/12	11:16:00	0.000	-9	-9	97	98
2022/07/12	11:18:00	0.000	-9	-9	97	98
2022/07/12	11:20:00	0.000	-9	-9	97	98
2022/07/12	11:22:00	0.000	-9	-9	97	98
2022/07/12	11:24:00	0.000	-9	-9	97	98
2022/07/12	11:26:00	0.000	-9	-9	98	99
2022/07/12	11:28:00	0.000	-9	-9	98	98
2022/07/12	11:30:00	0.000	-9	-9	97	98
2022/07/12	11:32:00	0.000	-9	-9	97	98
2022/07/12	11:34:00	0.000	-9	-9	97	97
2022/07/12	11:36:00	0.000	-9	-9	97	97
2022/07/12	11:38:00	0.000	-9	-9	97	97
2022/07/12	11:40:00	0.000	-9	-9	97	98
2022/07/12	11:42:00	0.000	-9	-9	98	98
2022/07/12	11:44:00	0.000	-9	-9	98	98
2022/07/12	11:46:00	0.000	-9	-9	98	98
2022/07/12	11:48:00	0.000	-9	-9	98	99
2022/07/12	11:50:00	0.000	-9	-9	98	98
2022/07/12	11:52:00	0.000	-9	-9	98	98
2022/07/12	11:54:00	0.000	-9	-9	98	99
2022/07/12	11:56:00	0.000	-9	-9	99	100
2022/07/12	11:58:00	0.000	-9	-9	100	100
2022/07/12	12:00:00	0.000	-9	-9	100	100
2022/07/12	12:02:00	0.000	-9	-9	99	100
2022/07/12	12:04:00	0.000	-9	-9	99	100
2022/07/12	12:06:00	0.000	-9	-9	100	100
2022/07/12	12:08:00	0.000	-9	-9	100	100
2022/07/12	12:10:00	0.000	-9	-9	100	101
2022/07/12	12:12:00	0.000	-9	-9	100	101
2022/07/12	12:14:00	0.000	-9	-9	100	100
2022/07/12	12:16:00	0.000	-9	-9	100	101
2022/07/12	12:18:00	0.000	-9	-9	101	101
2022/07/12	12:20:00	0.000	-9	-9	101	101
2022/07/12	12:22:00	0.000	-9	-9	101	101
2022/07/12	12:24:00	0.000	-9	-9	101	101
2022/07/12	12:26:00	0.000	-9	-9	101	102
2022/07/12	12:28:00	0.000	-9	-9	102	102
2022/07/12	12:30:00	0.000	-9	-9	102	102
2022/07/12	12:32:00	0.000	-9	-9	102	103
2022/07/12	12:34:00	0.000	-9	-9	102	103
2022/07/12	12:36:00	0.000	-9	-9	102	103
2022/07/12	12:38:00	0.000	-9	-9	102	103
2022/07/12	12:40:00	0.000	-9	-9	101	102
2022/07/12	12:42:00	0.000	-9	-9	101	102
2022/07/12	12:44:00	0.000	-9	-9	101	103
2022/07/12	12:46:00	0.000	-9	-9	102	103

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	12:48:00	0.000	-9	-9	102	103
2022/07/12	12:50:00	0.000	-9	-9	101	102
2022/07/12	12:52:00	0.000	-9	-9	102	103
2022/07/12	12:54:00	0.000	-9	-9	103	103
2022/07/12	12:56:00	0.000	-9	-9	103	103
2022/07/12	12:58:00	0.000	-9	-9	102	103
2022/07/12	13:00:00	0.000	-9	-9	102	104
2022/07/12	13:02:00	0.000	-9	-9	104	104
2022/07/12	13:04:00	0.000	-9	-9	104	104
2022/07/12	13:06:00	0.000	-9	-9	104	105
2022/07/12	13:08:00	0.000	-9	-9	104	105
2022/07/12	13:10:00	0.000	-9	-9	104	105
2022/07/12	13:12:00	0.000	-9	-9	102	104
2022/07/12	13:14:00	0.000	-9	-9	102	104
2022/07/12	13:16:00	0.000	-9	-9	104	104
2022/07/12	13:18:00	0.000	-9	-9	102	104
2022/07/12	13:20:00	0.000	-9	-9	103	104
2022/07/12	13:22:00	0.000	-9	-9	104	105
2022/07/12	13:24:00	0.000	-9	-9	104	105
2022/07/12	13:26:00	0.000	-9	-9	102	104
2022/07/12	13:28:00	0.000	-9	-9	101	102
2022/07/12	13:30:00	0.000	-9	-9	102	103
2022/07/12	13:32:00	0.000	-9	-9	102	103
2022/07/12	13:34:00	0.000	-9	-9	103	103
2022/07/12	13:36:00	0.000	-9	-9	102	103
2022/07/12	13:38:00	0.000	-9	-9	101	102
2022/07/12	13:40:00	0.000	-9	-9	101	102
2022/07/12	13:42:00	0.000	-9	-9	101	102
2022/07/12	13:44:00	0.000	-9	-9	101	102
2022/07/12	13:46:00	0.000	-9	-9	101	102
2022/07/12	13:48:00	0.000	-9	-9	101	101
2022/07/12	13:50:00	0.000	-9	-9	101	102
2022/07/12	13:52:00	0.000	-9	-9	102	103
2022/07/12	13:54:00	0.000	-9	-9	101	103
2022/07/12	13:56:00	0.000	-9	-9	101	102
2022/07/12	13:58:00	0.000	-9	-9	102	103
2022/07/12	14:00:00	0.000	-9	-9	102	103
2022/07/12	14:02:00	0.000	-9	-9	101	103
2022/07/12	14:04:00	0.000	-9	-9	101	102
2022/07/12	14:06:00	0.000	-9	-9	101	101
2022/07/12	14:08:00	0.000	-9	-9	101	102
2022/07/12	14:10:00	0.000	-9	-9	101	102
2022/07/12	14:12:00	0.000	-9	-9	101	101
2022/07/12	14:14:00	0.000	-9	-9	100	101
2022/07/12	14:16:00	0.000	-9	-9	100	101
2022/07/12	14:18:00	0.000	-9	-9	101	102
2022/07/12	14:20:00	0.000	-9	-9	102	103
2022/07/12	14:22:00	0.000	-9	-9	103	103
2022/07/12	14:24:00	0.000	-9	-9	102	103
2022/07/12	14:26:00	0.000	-9	-9	100	102
2022/07/12	14:28:00	0.000	-9	-9	100	101
2022/07/12	14:30:00	0.000	-9	-9	100	101
2022/07/12	14:32:00	0.000	-9	-9	101	102
2022/07/12	14:34:00	0.000	-9	-9	102	102
2022/07/12	14:36:00	0.000	-9	-9	101	102
2022/07/12	14:38:00	0.000	-9	-9	101	101
2022/07/12	14:40:00	0.000	-9	-9	101	102
2022/07/12	14:42:00	0.000	-9	-9	101	101
2022/07/12	14:44:00	0.000	-9	-9	101	101
2022/07/12	14:46:00	0.000	-9	-9	101	101
2022/07/12	14:48:00	0.000	-9	-9	101	102
2022/07/12	14:50:00	0.000	-9	-9	101	102
2022/07/12	14:52:00	0.000	-9	-9	101	102
2022/07/12	14:54:00	0.000	-9	-9	101	102

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	14:56:00	0.000	-9	-9	101	102
2022/07/12	14:58:00	0.000	-9	-9	100	102
2022/07/12	15:00:00	0.000	-9	-9	100	101
2022/07/12	15:02:00	0.000	-9	-9	100	101
2022/07/12	15:04:00	0.000	-9	-9	101	101
2022/07/12	15:06:00	0.000	-9	-9	101	101
2022/07/12	15:08:00	0.000	-9	-9	101	102
2022/07/12	15:10:00	0.000	-9	-9	101	101
2022/07/12	15:12:00	0.000	-9	-9	99	101
2022/07/12	15:14:00	0.000	-9	-9	99	100
2022/07/12	15:16:00	0.000	-9	-9	100	101
2022/07/12	15:18:00	0.000	-9	-9	100	101
2022/07/12	15:20:00	0.000	-9	-9	100	101
2022/07/12	15:22:00	0.000	-9	-9	100	101
2022/07/12	15:24:00	0.000	-9	-9	100	101
2022/07/12	15:26:00	0.000	-9	-9	100	101
2022/07/12	15:28:00	0.000	-9	-9	100	101
2022/07/12	15:30:00	0.000	-9	-9	100	100
2022/07/12	15:32:00	0.000	-9	-9	100	100
2022/07/12	15:34:00	0.000	-9	-9	100	100
2022/07/12	15:36:00	0.000	-9	-9	100	100
2022/07/12	15:38:00	0.000	-9	-9	100	100
2022/07/12	15:40:00	0.000	-9	-9	99	100
2022/07/12	15:42:00	0.000	-9	-9	100	100
2022/07/12	15:44:00	0.000	-9	-9	100	101
2022/07/12	15:46:00	0.000	-9	-9	100	100
2022/07/12	15:48:00	0.000	-9	-9	100	100
2022/07/12	15:50:00	0.000	-9	-9	100	100
2022/07/12	15:52:00	0.000	-9	-9	100	100
2022/07/12	15:54:00	0.000	-9	-9	100	100
2022/07/12	15:56:00	0.000	-9	-9	99	100
2022/07/12	15:58:00	0.000	-9	-9	98	99
2022/07/12	16:00:00	0.000	-9	-9	99	99
2022/07/12	16:02:00	0.000	-9	-9	99	99
2022/07/12	16:04:00	0.000	-9	-9	99	99
2022/07/12	16:06:00	0.000	-9	-9	99	99
2022/07/12	16:08:00	0.000	-9	-9	98	99
2022/07/12	16:10:00	0.000	-9	-9	98	99
2022/07/12	16:12:00	0.000	-9	-9	98	99
2022/07/12	16:14:00	0.000	-9	-9	98	99
2022/07/12	16:16:00	0.000	-9	-9	99	99
2022/07/12	16:18:00	0.000	-9	-9	99	99
2022/07/12	16:20:00	0.000	-9	-9	99	99
2022/07/12	16:22:00	0.000	-9	-9	99	99
2022/07/12	16:24:00	0.000	-9	-9	98	99
2022/07/12	16:26:00	0.000	-9	-9	98	98
2022/07/12	16:28:00	0.000	-9	-9	98	99
2022/07/12	16:30:00	0.000	-10	-9	98	99
2022/07/12	16:32:00	0.000	-10	-9	98	98
2022/07/12	16:34:00	0.000	-10	-9	98	99
2022/07/12	16:36:00	0.000	-10	-9	98	98
2022/07/12	16:38:00	0.000	-10	-9	98	98
2022/07/12	16:40:00	0.000	-10	-9	98	98
2022/07/12	16:42:00	0.000	-10	-9	98	98
2022/07/12	16:44:00	0.000	-10	-9	98	98
2022/07/12	16:46:00	0.000	-10	-9	97	98
2022/07/12	16:48:00	0.000	-10	-9	97	98
2022/07/12	16:50:00	0.000	-10	-9	97	97
2022/07/12	16:52:00	0.000	-9	-9	97	98
2022/07/12	16:54:00	0.000	-10	-9	97	97
2022/07/12	16:56:00	0.000	-10	-9	97	97
2022/07/12	16:58:00	0.000	-10	-9	97	97
2022/07/12	17:00:00	0.000	-10	-9	97	97
2022/07/12	17:02:00	0.000	-10	-9	97	98

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/12	17:04:00		0.000	-9	-9	97	98
2022/07/12	17:06:00		0.000	-10	-9	97	97
2022/07/12	17:08:00		0.000	-9	-9	97	98
2022/07/12	17:10:00		0.000	-10	-9	97	97
2022/07/12	17:12:00		0.000	-9	-9	97	97
2022/07/12	17:14:00		0.000	-9	-9	97	97
2022/07/12	17:16:00		0.000	-9	-9	97	97
2022/07/12	17:18:00		0.000	-9	-9	97	98
2022/07/12	17:20:00		0.000	-10	-9	97	97
2022/07/12	17:22:00		0.000	-9	-9	97	97
2022/07/12	17:24:00		0.000	-9	-9	97	97
2022/07/12	17:26:00		0.000	-9	-9	97	97
2022/07/12	17:28:00		0.000	-9	-9	97	97
2022/07/12	17:30:00		0.000	-9	-9	97	97
2022/07/12	17:32:00		0.000	-9	-9	97	97
2022/07/12	17:34:00		0.000	-10	-9	97	97
2022/07/12	17:36:00		0.000	-9	-9	97	97
2022/07/12	17:38:00		0.000	-9	-9	97	97
2022/07/12	17:40:00		0.000	-9	-9	96	97
2022/07/12	17:42:00		0.000	-9	-9	96	97
2022/07/12	17:44:00		0.000	-9	-9	96	97
2022/07/12	17:46:00		0.000	-9	-9	96	97
2022/07/12	17:48:00		0.000	-9	-9	96	96
2022/07/12	17:50:00		0.000	-9	-9	96	96
2022/07/12	17:52:00		0.000	-9	-9	96	97
2022/07/12	17:54:00		0.000	-9	-9	96	96
2022/07/12	17:56:00		0.000	-9	-9	96	96
2022/07/12	17:58:00		0.000	-9	-9	96	96
2022/07/12	18:00:00		0.000	-9	-9	96	96
2022/07/12	18:02:00		0.000	-10	-9	96	96
2022/07/12	18:04:00		0.000	-9	-9	96	96
2022/07/12	18:06:00		0.000	-9	-9	96	96
2022/07/12	18:08:00		0.000	-9	-9	96	96
2022/07/12	18:10:00		0.000	-9	-9	96	96
2022/07/12	18:12:00		0.000	-10	-9	96	96
2022/07/12	18:14:00		0.000	-9	-9	96	96
2022/07/12	18:16:00		0.000	-10	-9	96	96
2022/07/12	18:18:00		0.000	-9	-9	96	96
2022/07/12	18:20:00		0.000	-9	-9	96	96
2022/07/12	18:22:00		0.000	-10	-9	96	96
2022/07/12	18:24:00		0.000	-10	-9	95	96
2022/07/12	18:26:00		0.000	-10	-9	95	96
2022/07/12	18:28:00		0.000	-10	-9	96	96
2022/07/12	18:30:00		0.000	-9	-9	95	96
2022/07/12	18:32:00		0.000	-10	-9	95	96
2022/07/12	18:34:00		0.000	-10	-9	95	96
2022/07/12	18:36:00		0.000	-10	-9	95	96
2022/07/12	18:38:00		0.000	-10	-9	95	96
2022/07/12	18:40:00		0.000	-10	-9	95	95
2022/07/12	18:42:00		0.000	-10	-9	95	95
2022/07/12	18:44:00		0.000	-10	-9	95	95
2022/07/12	18:46:00		0.000	-10	-9	95	95
2022/07/12	18:48:00		0.000	-10	-9	95	95
2022/07/12	18:50:00		0.000	-10	-9	95	95
2022/07/12	18:52:00		0.000	-10	-9	95	95
2022/07/12	18:54:00		0.000	-10	-9	95	95
2022/07/12	18:56:00		0.000	-10	-9	95	95
2022/07/12	18:58:00		0.000	-10	-9	95	95
2022/07/12	19:00:00		0.000	-10	-9	95	95
2022/07/12	19:02:00		0.000	-10	-9	95	95
2022/07/12	19:04:00		0.000	-10	-9	95	95
2022/07/12	19:06:00		0.000	-10	-9	95	95
2022/07/12	19:08:00		0.000	-10	-9	95	95
2022/07/12	19:10:00		0.000	-10	-9	95	95

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	19:12:00	0.000	-10	-9	94	95
2022/07/12	19:14:00	0.000	-10	-9	94	95
2022/07/12	19:16:00	0.000	-10	-9	94	95
2022/07/12	19:18:00	0.000	-10	-9	94	95
2022/07/12	19:20:00	0.000	-10	-9	95	95
2022/07/12	19:22:00	0.000	-10	-9	94	95
2022/07/12	19:24:00	0.000	-10	-9	94	95
2022/07/12	19:26:00	0.000	-10	-9	94	94
2022/07/12	19:28:00	0.000	-10	-9	94	94
2022/07/12	19:30:00	0.000	-10	-9	94	94
2022/07/12	19:32:00	0.000	-10	-9	94	94
2022/07/12	19:34:00	0.000	-10	-9	94	94
2022/07/12	19:36:00	0.000	-10	-9	94	94
2022/07/12	19:38:00	0.000	-10	-9	94	94
2022/07/12	19:40:00	0.000	-10	-9	94	94
2022/07/12	19:42:00	0.000	-10	-9	94	94
2022/07/12	19:44:00	0.000	-10	-9	94	94
2022/07/12	19:46:00	0.000	-10	-9	94	94
2022/07/12	19:48:00	0.000	-10	-9	94	94
2022/07/12	19:50:00	0.000	-10	-9	94	94
2022/07/12	19:52:00	0.000	-10	-9	94	94
2022/07/12	19:54:00	0.000	-10	-9	94	94
2022/07/12	19:56:00	0.000	-10	-9	94	94
2022/07/12	19:58:00	0.000	-10	-9	94	94
2022/07/12	20:00:00	0.000	-10	-9	94	94
2022/07/12	20:02:00	0.000	-10	-9	94	94
2022/07/12	20:04:00	0.000	-10	-9	94	94
2022/07/12	20:06:00	0.000	-10	-9	94	94
2022/07/12	20:08:00	0.000	-10	-9	94	94
2022/07/12	20:10:00	0.000	-10	-9	93	94
2022/07/12	20:12:00	0.000	-10	-9	93	94
2022/07/12	20:14:00	0.000	-10	-9	93	94
2022/07/12	20:16:00	0.000	-10	-9	93	94
2022/07/12	20:18:00	0.000	-10	-9	93	93
2022/07/12	20:20:00	0.000	-10	-9	93	93
2022/07/12	20:22:00	0.000	-10	-9	93	94
2022/07/12	20:24:00	0.000	-10	-9	93	94
2022/07/12	20:26:00	0.000	-10	-9	93	93
2022/07/12	20:28:00	0.000	-10	-9	93	93
2022/07/12	20:30:00	0.000	-10	-9	93	94
2022/07/12	20:32:00	0.000	-10	-9	93	94
2022/07/12	20:34:00	0.000	-10	-9	93	93
2022/07/12	20:36:00	0.000	-10	-9	93	93
2022/07/12	20:38:00	0.000	-10	-9	93	93
2022/07/12	20:40:00	0.000	-10	-9	93	93
2022/07/12	20:42:00	0.000	-10	-9	93	93
2022/07/12	20:44:00	0.000	-10	-9	93	93
2022/07/12	20:46:00	0.000	-10	-9	93	93
2022/07/12	20:48:00	0.000	-10	-9	93	93
2022/07/12	20:50:00	0.000	-10	-9	93	93
2022/07/12	20:52:00	0.000	-10	-9	93	93
2022/07/12	20:54:00	0.000	-10	-9	93	93
2022/07/12	20:56:00	0.000	-10	-9	93	93
2022/07/12	20:58:00	0.000	-10	-9	93	93
2022/07/12	21:00:00	0.000	-10	-9	93	93
2022/07/12	21:02:00	0.000	-10	-9	93	93
2022/07/12	21:04:00	0.000	-10	-9	93	93
2022/07/12	21:06:00	0.000	-10	-9	93	93
2022/07/12	21:08:00	0.000	-10	-9	93	93
2022/07/12	21:10:00	0.000	-10	-9	93	93
2022/07/12	21:12:00	0.000	-10	-9	93	93
2022/07/12	21:14:00	0.000	-10	-9	93	93
2022/07/12	21:16:00	0.000	-10	-9	93	93
2022/07/12	21:18:00	0.000	-10	-9	92	93

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	21:20:00	0.000	-10	-9	92	92
2022/07/12	21:22:00	0.000	-10	-9	92	92
2022/07/12	21:24:00	0.000	-10	-9	92	92
2022/07/12	21:26:00	0.000	-10	-9	92	92
2022/07/12	21:28:00	0.000	-10	-9	92	93
2022/07/12	21:30:00	0.000	-10	-9	92	93
2022/07/12	21:32:00	0.000	-10	-9	92	93
2022/07/12	21:34:00	0.000	-10	-9	92	93
2022/07/12	21:36:00	0.000	-10	-9	92	93
2022/07/12	21:38:00	0.000	-10	-9	92	93
2022/07/12	21:40:00	0.000	-10	-9	92	93
2022/07/12	21:42:00	0.000	-10	-9	92	93
2022/07/12	21:44:00	0.000	-10	-9	92	93
2022/07/12	21:46:00	0.000	-10	-9	92	93
2022/07/12	21:48:00	0.000	-10	-9	92	93
2022/07/12	21:50:00	0.000	-10	-9	93	93
2022/07/12	21:52:00	0.000	-10	-9	92	93
2022/07/12	21:54:00	0.000	-10	-9	92	92
2022/07/12	21:56:00	0.000	-10	-9	92	93
2022/07/12	21:58:00	0.000	-10	-9	92	93
2022/07/12	22:00:00	0.000	-10	-9	92	92
2022/07/12	22:02:00	0.000	-10	-9	92	92
2022/07/12	22:04:00	0.000	-10	-9	92	92
2022/07/12	22:06:00	0.000	-10	-9	92	93
2022/07/12	22:08:00	0.000	-10	-9	92	92
2022/07/12	22:10:00	0.000	-10	-9	92	93
2022/07/12	22:12:00	0.000	-10	-9	92	93
2022/07/12	22:14:00	0.000	-10	-10	92	92
2022/07/12	22:16:00	0.000	-10	-9	92	92
2022/07/12	22:18:00	0.000	-10	-9	92	93
2022/07/12	22:20:00	0.000	-10	-9	92	93
2022/07/12	22:22:00	0.000	-10	-9	92	93
2022/07/12	22:24:00	0.000	-10	-9	92	93
2022/07/12	22:26:00	0.000	-10	-9	92	93
2022/07/12	22:28:00	0.000	-10	-9	92	93
2022/07/12	22:30:00	0.000	-10	-9	92	93
2022/07/12	22:32:00	0.000	-10	-10	92	93
2022/07/12	22:34:00	0.000	-10	-10	92	93
2022/07/12	22:36:00	0.000	-10	-10	92	93
2022/07/12	22:38:00	0.000	-10	-10	92	92
2022/07/12	22:40:00	0.000	-10	-9	92	92
2022/07/12	22:42:00	0.000	-10	-10	92	92
2022/07/12	22:44:00	0.000	-10	-10	91	92
2022/07/12	22:46:00	0.000	-10	-10	92	93
2022/07/12	22:48:00	0.000	-10	-10	92	93
2022/07/12	22:50:00	0.000	-10	-10	92	92
2022/07/12	22:52:00	0.000	-10	-10	92	92
2022/07/12	22:54:00	0.000	-10	-10	92	92
2022/07/12	22:56:00	0.000	-10	-10	92	92
2022/07/12	22:58:00	0.000	-10	-10	91	92
2022/07/12	23:00:00	0.000	-10	-10	91	92
2022/07/12	23:02:00	0.000	-10	-10	91	92
2022/07/12	23:04:00	0.000	-10	-10	92	92
2022/07/12	23:06:00	0.000	-10	-10	92	92
2022/07/12	23:08:00	0.000	-10	-10	92	92
2022/07/12	23:10:00	0.000	-10	-10	92	92
2022/07/12	23:12:00	0.000	-10	-10	92	92
2022/07/12	23:14:00	0.000	-10	-10	92	92
2022/07/12	23:16:00	0.000	-10	-10	91	92
2022/07/12	23:18:00	0.000	-10	-10	92	92
2022/07/12	23:20:00	0.000	-10	-10	91	92
2022/07/12	23:22:00	0.000	-10	-10	92	92
2022/07/12	23:24:00	0.000	-10	-10	91	92
2022/07/12	23:26:00	0.000	-10	-10	91	92

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/12	23:28:00	0.000	-10	-10	91	92
2022/07/12	23:30:00	0.000	-10	-10	91	92
2022/07/12	23:32:00	0.000	-10	-10	91	92
2022/07/12	23:34:00	0.000	-10	-10	92	92
2022/07/12	23:36:00	0.000	-10	-10	92	92
2022/07/12	23:38:00	0.000	-10	-10	92	92
2022/07/12	23:40:00	0.000	-10	-10	91	92
2022/07/12	23:42:00	0.000	-10	-10	91	92
2022/07/12	23:44:00	0.000	-10	-10	91	92
2022/07/12	23:46:00	0.000	-10	-10	91	92
2022/07/12	23:48:00	0.000	-10	-10	91	92
2022/07/12	23:50:00	0.000	-10	-10	91	92
2022/07/12	23:52:00	0.000	-10	-10	91	92
2022/07/12	23:54:00	0.000	-10	-10	91	92
2022/07/12	23:56:00	0.000	-10	-10	91	92
2022/07/12	23:58:00	0.000	-10	-10	91	92

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	00:00:00	0.000	-10	-10	91	92
2022/07/13	00:02:00	0.000	-10	-10	91	91
2022/07/13	00:04:00	0.000	-10	-10	91	92
2022/07/13	00:06:00	0.000	-10	-10	91	92
2022/07/13	00:08:00	0.000	-10	-10	91	92
2022/07/13	00:10:00	0.000	-10	-10	91	91
2022/07/13	00:12:00	0.000	-10	-10	91	92
2022/07/13	00:14:00	0.000	-10	-10	91	92
2022/07/13	00:16:00	0.000	-10	-10	91	91
2022/07/13	00:18:00	0.000	-10	-10	91	91
2022/07/13	00:20:00	0.000	-10	-10	91	91
2022/07/13	00:22:00	0.000	-10	-10	91	91
2022/07/13	00:24:00	0.000	-10	-10	91	91
2022/07/13	00:26:00	0.000	-10	-10	91	91
2022/07/13	00:28:00	0.000	-10	-10	91	91
2022/07/13	00:30:00	0.000	-10	-10	91	91
2022/07/13	00:32:00	0.000	-10	-10	91	91
2022/07/13	00:34:00	0.000	-10	-10	91	91
2022/07/13	00:36:00	0.000	-10	-10	91	91
2022/07/13	00:38:00	0.000	-10	-10	91	91
2022/07/13	00:40:00	0.000	-10	-10	91	91
2022/07/13	00:42:00	0.000	-10	-10	91	91
2022/07/13	00:44:00	0.000	-10	-10	91	92
2022/07/13	00:46:00	0.000	-10	-10	91	91
2022/07/13	00:48:00	0.000	-10	-10	91	91
2022/07/13	00:50:00	0.000	-10	-10	91	91
2022/07/13	00:52:00	0.000	-10	-10	91	91
2022/07/13	00:54:00	0.000	-10	-10	91	91
2022/07/13	00:56:00	0.000	-10	-10	91	92
2022/07/13	00:58:00	0.000	-10	-10	91	91
2022/07/13	01:00:00	0.000	-10	-10	91	91
2022/07/13	01:02:00	0.000	-10	-10	91	91
2022/07/13	01:04:00	0.000	-10	-10	91	91
2022/07/13	01:06:00	0.000	-10	-10	91	92
2022/07/13	01:08:00	0.000	-10	-10	91	92
2022/07/13	01:10:00	0.000	-10	-10	91	91
2022/07/13	01:12:00	0.000	-10	-10	91	92
2022/07/13	01:14:00	0.000	-10	-10	91	92
2022/07/13	01:16:00	0.000	-10	-10	91	91
2022/07/13	01:18:00	0.000	-10	-10	91	92
2022/07/13	01:20:00	0.000	-10	-10	91	91
2022/07/13	01:22:00	0.000	-10	-10	91	92
2022/07/13	01:24:00	0.000	-10	-10	91	92
2022/07/13	01:26:00	0.000	-10	-10	91	92
2022/07/13	01:28:00	0.000	-10	-10	91	92
2022/07/13	01:30:00	0.000	-10	-10	91	92
2022/07/13	01:32:00	0.000	-10	-10	91	91
2022/07/13	01:34:00	0.000	-10	-10	91	91
2022/07/13	01:36:00	0.000	-10	-10	91	91
2022/07/13	01:38:00	0.000	-10	-10	91	91
2022/07/13	01:40:00	0.000	-10	-10	91	91
2022/07/13	01:42:00	0.000	-10	-10	91	91
2022/07/13	01:44:00	0.000	-10	-10	91	91
2022/07/13	01:46:00	0.000	-10	-10	91	91
2022/07/13	01:48:00	0.000	-10	-10	91	92
2022/07/13	01:50:00	0.000	-10	-10	91	91
2022/07/13	01:52:00	0.000	-10	-10	91	91
2022/07/13	01:54:00	0.000	-10	-10	91	92
2022/07/13	01:56:00	0.000	-10	-10	91	92
2022/07/13	01:58:00	0.000	-10	-10	91	92
2022/07/13	02:00:00	0.000	-10	-10	91	91
2022/07/13	02:02:00	0.000	-10	-10	91	91
2022/07/13	02:04:00	0.000	-10	-10	91	91
2022/07/13	02:06:00	0.000	-10	-10	91	91

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	02:08:00	0.000	-10	-10	91	91
2022/07/13	02:10:00	0.000	-10	-10	91	91
2022/07/13	02:12:00	0.000	-10	-10	91	91
2022/07/13	02:14:00	0.000	-10	-10	91	91
2022/07/13	02:16:00	0.000	-10	-10	91	91
2022/07/13	02:18:00	0.000	-10	-10	91	91
2022/07/13	02:20:00	0.000	-10	-10	91	91
2022/07/13	02:22:00	0.000	-10	-10	91	91
2022/07/13	02:24:00	0.000	-10	-10	91	91
2022/07/13	02:26:00	0.000	-10	-10	91	91
2022/07/13	02:28:00	0.000	-10	-10	91	91
2022/07/13	02:30:00	0.000	-10	-10	91	91
2022/07/13	02:32:00	0.000	-10	-10	91	91
2022/07/13	02:34:00	0.000	-10	-10	91	91
2022/07/13	02:36:00	0.000	-10	-10	91	91
2022/07/13	02:38:00	0.000	-10	-10	91	91
2022/07/13	02:40:00	0.000	-10	-10	91	91
2022/07/13	02:42:00	0.000	-10	-10	91	91
2022/07/13	02:44:00	0.000	-10	-10	91	91
2022/07/13	02:46:00	0.000	-10	-10	91	91
2022/07/13	02:48:00	0.000	-10	-10	91	91
2022/07/13	02:50:00	0.000	-10	-10	91	91
2022/07/13	02:52:00	0.000	-10	-10	91	91
2022/07/13	02:54:00	0.000	-10	-10	91	91
2022/07/13	02:56:00	0.000	-10	-10	91	91
2022/07/13	02:58:00	0.000	-10	-10	91	91
2022/07/13	03:00:00	0.000	-10	-10	91	91
2022/07/13	03:02:00	0.000	-10	-10	91	91
2022/07/13	03:04:00	0.000	-10	-10	91	91
2022/07/13	03:06:00	0.000	-10	-10	91	91
2022/07/13	03:08:00	0.000	-10	-10	91	91
2022/07/13	03:10:00	0.000	-10	-10	91	91
2022/07/13	03:12:00	0.000	-10	-10	91	91
2022/07/13	03:14:00	0.000	-10	-10	91	91
2022/07/13	03:16:00	0.000	-10	-10	91	91
2022/07/13	03:18:00	0.000	-10	-10	91	91
2022/07/13	03:20:00	0.000	-10	-10	91	91
2022/07/13	03:22:00	0.000	-10	-10	91	91
2022/07/13	03:24:00	0.000	-10	-10	91	91
2022/07/13	03:26:00	0.000	-10	-10	91	91
2022/07/13	03:28:00	0.000	-10	-10	91	91
2022/07/13	03:30:00	0.000	-10	-10	91	91
2022/07/13	03:32:00	0.000	-10	-10	91	91
2022/07/13	03:34:00	0.000	-10	-10	91	91
2022/07/13	03:36:00	0.000	-10	-10	91	91
2022/07/13	03:38:00	0.000	-10	-10	91	91
2022/07/13	03:40:00	0.000	-10	-10	91	91
2022/07/13	03:42:00	0.000	-10	-10	91	91
2022/07/13	03:44:00	0.000	-10	-10	91	91
2022/07/13	03:46:00	0.000	-10	-10	91	91
2022/07/13	03:48:00	0.000	-10	-10	91	91
2022/07/13	03:50:00	0.000	-10	-10	91	91
2022/07/13	03:52:00	0.000	-10	-10	91	91
2022/07/13	03:54:00	0.000	-10	-10	91	91
2022/07/13	03:56:00	0.000	-10	-10	91	91
2022/07/13	03:58:00	0.000	-10	-10	91	91
2022/07/13	04:00:00	0.000	-10	-10	91	91
2022/07/13	04:02:00	0.000	-10	-10	91	91
2022/07/13	04:04:00	0.000	-10	-10	91	91
2022/07/13	04:06:00	0.000	-10	-10	91	91
2022/07/13	04:08:00	0.000	-10	-10	91	91
2022/07/13	04:10:00	0.000	-10	-10	91	91
2022/07/13	04:12:00	0.000	-10	-10	91	91
2022/07/13	04:14:00	0.000	-10	-10	91	91

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	04:16:00	0.000	-10	-10	91	91
2022/07/13	04:18:00	0.000	-10	-10	91	91
2022/07/13	04:20:00	0.000	-10	-10	91	91
2022/07/13	04:22:00	0.000	-10	-10	91	91
2022/07/13	04:24:00	0.000	-10	-10	91	91
2022/07/13	04:26:00	0.000	-10	-10	91	91
2022/07/13	04:28:00	0.000	-10	-10	91	91
2022/07/13	04:30:00	0.000	-10	-10	91	91
2022/07/13	04:32:00	0.000	-10	-10	91	91
2022/07/13	04:34:00	0.000	-10	-10	91	91
2022/07/13	04:36:00	0.000	-10	-10	91	91
2022/07/13	04:38:00	0.000	-10	-10	91	91
2022/07/13	04:40:00	0.000	-10	-10	90	91
2022/07/13	04:42:00	0.000	-10	-10	91	91
2022/07/13	04:44:00	0.000	-10	-10	91	91
2022/07/13	04:46:00	0.000	-10	-10	91	91
2022/07/13	04:48:00	0.000	-10	-10	91	91
2022/07/13	04:50:00	0.000	-10	-10	91	91
2022/07/13	04:52:00	0.000	-10	-10	91	91
2022/07/13	04:54:00	0.000	-10	-10	90	91
2022/07/13	04:56:00	0.000	-10	-10	91	91
2022/07/13	04:58:00	0.000	-10	-10	91	91
2022/07/13	05:00:00	0.000	-10	-10	90	91
2022/07/13	05:02:00	0.000	-10	-10	91	91
2022/07/13	05:04:00	0.000	-10	-10	91	91
2022/07/13	05:06:00	0.000	-10	-10	91	91
2022/07/13	05:08:00	0.000	-10	-10	91	91
2022/07/13	05:10:00	0.000	-10	-10	91	91
2022/07/13	05:12:00	0.000	-10	-10	91	91
2022/07/13	05:14:00	0.000	-10	-10	91	91
2022/07/13	05:16:00	0.000	-10	-10	91	91
2022/07/13	05:18:00	0.000	-10	-10	91	91
2022/07/13	05:20:00	0.000	-10	-10	91	91
2022/07/13	05:22:00	0.000	-10	-10	91	91
2022/07/13	05:24:00	0.000	-10	-10	91	91
2022/07/13	05:26:00	0.000	-10	-10	90	91
2022/07/13	05:28:00	0.000	-10	-10	90	91
2022/07/13	05:30:00	0.000	-10	-10	91	91
2022/07/13	05:32:00	0.000	-10	-10	91	91
2022/07/13	05:34:00	0.000	-10	-10	91	91
2022/07/13	05:36:00	0.000	-10	-10	91	91
2022/07/13	05:38:00	0.000	-10	-10	91	91
2022/07/13	05:40:00	0.000	-10	-10	91	91
2022/07/13	05:42:00	0.000	-10	-10	91	91
2022/07/13	05:44:00	0.000	-10	-10	91	91
2022/07/13	05:46:00	0.000	-10	-10	91	91
2022/07/13	05:48:00	0.000	-10	-10	91	91
2022/07/13	05:50:00	0.000	-10	-10	91	91
2022/07/13	05:52:00	0.000	-10	-10	90	91
2022/07/13	05:54:00	0.000	-10	-10	91	91
2022/07/13	05:56:00	0.000	-10	-10	91	91
2022/07/13	05:58:00	0.000	-10	-10	91	91
2022/07/13	06:00:00	0.000	-10	-10	91	91
2022/07/13	06:02:00	0.000	-10	-10	91	91
2022/07/13	06:04:00	0.000	-10	-10	91	91
2022/07/13	06:06:00	0.000	-10	-10	91	91
2022/07/13	06:08:00	0.000	-10	-10	91	91
2022/07/13	06:10:00	0.000	-10	-10	90	91
2022/07/13	06:12:00	0.000	-10	-10	90	91
2022/07/13	06:14:00	0.000	-10	-10	90	91
2022/07/13	06:16:00	0.000	-10	-10	90	91
2022/07/13	06:18:00	0.000	-10	-10	91	91
2022/07/13	06:20:00	0.000	-10	-10	90	91
2022/07/13	06:22:00	0.000	-10	-10	90	91

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	06:24:00	0.000	-10	-10	91	91
2022/07/13	06:26:00	0.000	-10	-10	91	91
2022/07/13	06:28:00	0.000	-10	-10	91	91
2022/07/13	06:30:00	0.000	-10	-10	90	91
2022/07/13	06:32:00	0.000	-10	-10	90	91
2022/07/13	06:34:00	0.000	-10	-10	90	91
2022/07/13	06:36:00	0.000	-10	-10	90	91
2022/07/13	06:38:00	0.000	-10	-10	91	91
2022/07/13	06:40:00	0.000	-10	-10	91	91
2022/07/13	06:42:00	0.000	-10	-10	91	91
2022/07/13	06:44:00	0.000	-10	-10	90	91
2022/07/13	06:46:00	0.000	-10	-10	91	91
2022/07/13	06:48:00	0.000	-10	-10	91	91
2022/07/13	06:50:00	0.000	-10	-10	91	91
2022/07/13	06:52:00	0.000	-10	-10	90	91
2022/07/13	06:54:00	0.000	-10	-10	91	91
2022/07/13	06:56:00	0.000	-10	-10	91	91
2022/07/13	06:58:00	0.000	-10	-10	91	91
2022/07/13	07:00:00	0.000	-10	-10	91	91
2022/07/13	07:02:00	0.000	-10	-10	91	91
2022/07/13	07:04:00	0.000	-10	-10	91	91
2022/07/13	07:06:00	0.000	-10	-10	91	91
2022/07/13	07:08:00	0.000	-10	-10	91	91
2022/07/13	07:10:00	0.000	-10	-10	91	91
2022/07/13	07:12:00	0.000	-10	-10	91	91
2022/07/13	07:14:00	0.000	-10	-10	91	92
2022/07/13	07:16:00	0.000	-10	-10	91	92
2022/07/13	07:18:00	0.000	-10	-10	91	92
2022/07/13	07:20:00	0.000	-10	-10	91	92
2022/07/13	07:22:00	0.000	-10	-10	92	92
2022/07/13	07:24:00	0.000	-10	-10	92	92
2022/07/13	07:26:00	0.000	-10	-10	92	92
2022/07/13	07:28:00	0.000	-10	-10	92	92
2022/07/13	07:30:00	0.000	-10	-10	92	93
2022/07/13	07:32:00	0.000	-10	-10	92	93
2022/07/13	07:34:00	0.000	-10	-10	92	93
2022/07/13	07:36:00	0.000	-10	-10	93	93
2022/07/13	07:38:00	0.000	-10	-10	93	93
2022/07/13	07:40:00	0.000	-10	-10	93	93
2022/07/13	07:42:00	0.000	-10	-10	93	93
2022/07/13	07:44:00	0.000	-10	-10	93	93
2022/07/13	07:46:00	0.000	-10	-10	93	93
2022/07/13	07:48:00	0.000	-10	-10	93	93
2022/07/13	07:50:00	0.000	-10	-10	93	93
2022/07/13	07:52:00	0.000	-10	-10	93	93
2022/07/13	07:54:00	0.000	-10	-10	93	94
2022/07/13	07:56:00	0.000	-10	-10	93	94
2022/07/13	07:58:00	0.000	-10	-10	93	94
2022/07/13	08:00:00	0.000	-10	-10	93	94
2022/07/13	08:02:00	0.000	-10	-10	93	94
2022/07/13	08:04:00	0.000	-10	-10	93	94
2022/07/13	08:06:00	0.000	-10	-10	93	94
2022/07/13	08:08:00	0.000	-10	-10	94	94
2022/07/13	08:10:00	0.000	-10	-10	93	94
2022/07/13	08:12:00	0.000	-10	-10	93	94
2022/07/13	08:14:00	0.000	-10	-10	93	94
2022/07/13	08:16:00	0.000	-10	-10	94	94
2022/07/13	08:18:00	0.000	-10	-10	93	94
2022/07/13	08:20:00	0.000	-10	-9	94	94
2022/07/13	08:22:00	0.000	-10	-10	94	94
2022/07/13	08:24:00	0.000	-10	-10	93	94
2022/07/13	08:26:00	0.000	-10	-10	93	94
2022/07/13	08:28:00	0.000	-10	-10	93	94
2022/07/13	08:30:00	0.000	-10	-10	94	94

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	08:32:00	0.000	-10	-10	94	94
2022/07/13	08:34:00	0.000	-10	-10	94	95
2022/07/13	08:36:00	0.000	-10	-9	94	95
2022/07/13	08:38:00	0.000	-10	-9	94	94
2022/07/13	08:40:00	0.000	-10	-9	94	95
2022/07/13	08:42:00	0.000	-10	-9	95	95
2022/07/13	08:44:00	0.000	-10	-9	95	95
2022/07/13	08:46:00	0.000	-10	-9	95	96
2022/07/13	08:48:00	0.000	-10	-9	95	96
2022/07/13	08:50:00	0.000	-10	-9	95	96
2022/07/13	08:52:00	0.000	-10	-9	96	97
2022/07/13	08:54:00	0.000	-10	-9	96	97
2022/07/13	08:56:00	0.000	-10	-9	96	98
2022/07/13	08:58:00	0.000	-10	-9	97	100
2022/07/13	09:00:00	0.000	-10	-9	99	100
2022/07/13	09:02:00	0.000	-10	-9	98	99
2022/07/13	09:04:00	0.000	-10	-9	97	98
2022/07/13	09:06:00	0.000	-10	-9	97	97
2022/07/13	09:08:00	0.000	-10	-9	97	97
2022/07/13	09:10:00	0.000	-9	-9	96	97
2022/07/13	09:12:00	0.000	-10	-9	96	97
2022/07/13	09:14:00	0.000	-10	-9	97	97
2022/07/13	09:16:00	0.000	-10	-9	97	97
2022/07/13	09:18:00	0.000	-10	-9	97	97
2022/07/13	09:20:00	0.000	-10	-9	97	98
2022/07/13	09:22:00	0.000	-10	-9	98	99
2022/07/13	09:24:00	0.000	-10	-9	97	98
2022/07/13	09:26:00	0.000	-10	-9	98	98
2022/07/13	09:28:00	0.000	-9	-9	98	98
2022/07/13	09:30:00	0.000	-9	-9	98	98
2022/07/13	09:32:00	0.000	-9	-9	98	98
2022/07/13	09:34:00	0.000	-9	-9	97	98
2022/07/13	09:36:00	0.000	-10	-9	97	98
2022/07/13	09:38:00	0.000	-9	-9	97	98
2022/07/13	09:40:00	0.000	-9	-9	97	98
2022/07/13	09:42:00	0.000	-9	-9	98	99
2022/07/13	09:44:00	0.000	-9	-9	99	100
2022/07/13	09:46:00	0.000	-9	-9	100	101
2022/07/13	09:48:00	0.000	-9	-9	98	100
2022/07/13	09:50:00	0.000	-10	-9	98	98
2022/07/13	09:52:00	0.000	-9	-9	97	98
2022/07/13	09:54:00	0.000	-9	-9	97	97
2022/07/13	09:56:00	0.000	-9	-9	97	98
2022/07/13	09:58:00	0.000	-9	-9	98	99
2022/07/13	10:00:00	0.000	-9	-9	99	100
2022/07/13	10:02:00	0.000	-9	-9	99	100
2022/07/13	10:04:00	0.000	-9	-9	99	99
2022/07/13	10:06:00	0.000	-9	-9	99	99
2022/07/13	10:08:00	0.000	-9	-9	98	99
2022/07/13	10:10:00	0.000	-9	-9	99	99
2022/07/13	10:12:00	0.000	-9	-9	99	99
2022/07/13	10:14:00	0.000	-9	-9	99	99
2022/07/13	10:16:00	0.000	-9	-9	99	99
2022/07/13	10:18:00	0.000	-9	-9	98	99
2022/07/13	10:20:00	0.000	-9	-9	98	98
2022/07/13	10:22:00	0.000	-9	-9	97	98
2022/07/13	10:24:00	0.000	-9	-9	97	98
2022/07/13	10:26:00	0.000	-9	-9	98	99
2022/07/13	10:28:00	0.000	-9	-9	99	100
2022/07/13	10:30:00	0.000	-9	-9	99	100
2022/07/13	10:32:00	0.000	-9	-9	99	99
2022/07/13	10:34:00	0.000	-9	-9	99	100
2022/07/13	10:36:00	0.000	-9	-9	100	101
2022/07/13	10:38:00	0.000	-9	-9	99	100

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	10:40:00	0.000	-9	-9	99	100
2022/07/13	10:42:00	0.000	-9	-9	99	100
2022/07/13	10:44:00	0.000	-9	-9	99	99
2022/07/13	10:46:00	0.000	-9	-9	99	99
2022/07/13	10:48:00	0.000	-9	-9	99	99
2022/07/13	10:50:00	0.000	-9	-9	98	99
2022/07/13	10:52:00	0.000	-9	-9	99	99
2022/07/13	10:54:00	0.000	-9	-9	99	99
2022/07/13	10:56:00	0.000	-9	-9	99	99
2022/07/13	10:58:00	0.000	-10	-9	99	100
2022/07/13	11:00:00	0.000	-10	-9	99	100
2022/07/13	11:02:00	0.000	-10	-10	99	100
2022/07/13	11:04:00	0.000	-10	-10	99	99
2022/07/13	11:06:00	0.000	-10	-10	99	100
2022/07/13	11:08:00	0.000	-10	-10	99	100
2022/07/13	11:10:00	0.000	-10	-10	99	100
2022/07/13	11:12:00	0.000	-10	-10	99	99
2022/07/13	11:14:00	0.000	-10	-10	98	100
2022/07/13	11:16:00	0.000	-10	-10	99	100
2022/07/13	11:18:00	0.000	-10	-10	99	100
2022/07/13	11:20:00	0.000	-10	-10	100	101
2022/07/13	11:22:00	0.000	-10	-9	100	101
2022/07/13	11:24:00	0.000	-10	-9	100	101
2022/07/13	11:26:00	0.000	-10	-9	100	100
2022/07/13	11:28:00	0.000	-10	-9	100	102
2022/07/13	11:30:00	0.000	-10	-9	102	102
2022/07/13	11:32:00	0.000	-10	-9	101	102
2022/07/13	11:34:00	0.000	-10	-9	100	101
2022/07/13	11:36:00	0.000	-10	-9	100	101
2022/07/13	11:38:00	0.000	-10	-9	101	101
2022/07/13	11:40:00	0.000	-9	-9	101	102
2022/07/13	11:42:00	0.000	-9	-9	101	102
2022/07/13	11:44:00	0.000	-9	-9	101	102
2022/07/13	11:46:00	0.000	-9	-9	101	102
2022/07/13	11:48:00	0.000	-9	-9	101	102
2022/07/13	11:50:00	0.000	-9	-9	102	103
2022/07/13	11:52:00	0.000	-9	-9	102	103
2022/07/13	11:54:00	0.000	-9	-9	102	103
2022/07/13	11:56:00	0.000	-9	-9	102	102
2022/07/13	11:58:00	0.000	-9	-9	102	103
2022/07/13	12:00:00	0.000	-9	-9	102	103
2022/07/13	12:02:00	0.000	-9	-9	102	103
2022/07/13	12:04:00	0.000	-9	-9	102	103
2022/07/13	12:06:00	0.000	-9	-9	102	103
2022/07/13	12:08:00	0.000	-9	-9	102	103
2022/07/13	12:10:00	0.000	-9	-9	102	103
2022/07/13	12:12:00	0.000	-9	-9	102	103
2022/07/13	12:14:00	0.000	-9	-9	103	103
2022/07/13	12:16:00	0.000	-9	-9	103	103
2022/07/13	12:18:00	0.000	-9	-9	102	103
2022/07/13	12:20:00	0.000	-9	-9	103	103
2022/07/13	12:22:00	0.000	-9	-9	103	104
2022/07/13	12:24:00	0.000	-9	-9	102	103
2022/07/13	12:26:00	0.000	-9	-9	102	103
2022/07/13	12:28:00	0.000	-9	-9	103	103
2022/07/13	12:30:00	0.000	-9	-9	103	104
2022/07/13	12:32:00	0.000	-9	-9	103	104
2022/07/13	12:34:00	0.000	-9	-9	103	104
2022/07/13	12:36:00	0.000	-9	-9	104	105
2022/07/13	12:38:00	0.000	-9	-9	104	105
2022/07/13	12:40:00	0.000	-9	-9	104	104
2022/07/13	12:42:00	0.000	-9	-9	104	105
2022/07/13	12:44:00	0.000	-9	-9	103	104
2022/07/13	12:46:00	0.000	-9	-9	103	104

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	12:48:00	0.000	-9	-9	103	103
2022/07/13	12:50:00	0.000	-9	-9	103	104
2022/07/13	12:52:00	0.000	-9	-9	104	104
2022/07/13	12:54:00	0.000	-9	-9	103	104
2022/07/13	12:56:00	0.000	-9	-9	103	104
2022/07/13	12:58:00	0.000	-9	-9	104	104
2022/07/13	13:00:00	0.000	-9	-9	103	104
2022/07/13	13:02:00	0.000	-9	-9	103	104
2022/07/13	13:04:00	0.000	-9	-9	102	103
2022/07/13	13:06:00	0.000	-9	-9	102	103
2022/07/13	13:08:00	0.000	-9	-9	102	103
2022/07/13	13:10:00	0.000	-9	-9	103	104
2022/07/13	13:12:00	0.000	-9	-9	102	103
2022/07/13	13:14:00	0.000	-9	-9	102	103
2022/07/13	13:16:00	0.000	-9	-9	102	102
2022/07/13	13:18:00	0.000	-9	-9	102	103
2022/07/13	13:20:00	0.000	-9	-9	102	103
2022/07/13	13:22:00	0.000	-9	-9	102	103
2022/07/13	13:24:00	0.000	-9	-9	102	103
2022/07/13	13:26:00	0.000	-9	-9	103	103
2022/07/13	13:28:00	0.000	-9	-9	102	103
2022/07/13	13:30:00	0.000	-9	-9	102	102
2022/07/13	13:32:00	0.000	-9	-9	102	103
2022/07/13	13:34:00	0.000	-9	-9	103	104
2022/07/13	13:36:00	0.000	-9	-9	104	104
2022/07/13	13:38:00	0.000	-9	-9	104	104
2022/07/13	13:40:00	0.000	-9	-9	104	105
2022/07/13	13:42:00	0.000	-9	-9	104	105
2022/07/13	13:44:00	0.000	-9	-9	103	104
2022/07/13	13:46:00	0.000	-9	-9	103	104
2022/07/13	13:48:00	0.000	-9	-9	103	104
2022/07/13	13:50:00	0.000	-9	-9	103	104
2022/07/13	13:52:00	0.000	-9	-9	103	104
2022/07/13	13:54:00	0.000	-9	-9	104	104
2022/07/13	13:56:00	0.000	-9	-9	103	104
2022/07/13	13:58:00	0.000	-9	-9	104	104
2022/07/13	14:00:00	0.000	-9	-9	104	105
2022/07/13	14:02:00	0.000	-9	-9	104	105
2022/07/13	14:04:00	0.000	-9	-9	103	104
2022/07/13	14:06:00	0.000	-9	-9	102	103
2022/07/13	14:08:00	0.000	-9	-9	103	104
2022/07/13	14:10:00	0.000	-9	-9	103	104
2022/07/13	14:12:00	0.000	-9	-9	104	105
2022/07/13	14:14:00	0.000	-9	-9	103	105
2022/07/13	14:16:00	0.000	-9	-9	103	104
2022/07/13	14:18:00	0.000	-9	-9	103	104
2022/07/13	14:20:00	0.000	-9	-9	103	103
2022/07/13	14:22:00	0.000	-9	-9	103	104
2022/07/13	14:24:00	0.000	-9	-9	103	104
2022/07/13	14:26:00	0.000	-9	-9	103	104
2022/07/13	14:28:00	0.000	-9	-9	103	103
2022/07/13	14:30:00	0.000	-9	-9	103	103
2022/07/13	14:32:00	0.000	-9	-9	103	103
2022/07/13	14:34:00	0.000	-9	-9	103	103
2022/07/13	14:36:00	0.000	-9	-9	103	103
2022/07/13	14:38:00	0.000	-9	-9	103	104
2022/07/13	14:40:00	0.000	-9	-9	103	104
2022/07/13	14:42:00	0.000	-9	-9	103	103
2022/07/13	14:44:00	0.000	-9	-9	103	103
2022/07/13	14:46:00	0.000	-9	-9	103	103
2022/07/13	14:48:00	0.000	-9	-9	103	103
2022/07/13	14:50:00	0.000	-9	-9	103	103
2022/07/13	14:52:00	0.000	-9	-9	102	103
2022/07/13	14:54:00	0.000	-9	-9	102	103

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag		1		1
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	14:56:00	0.000	-9	-9	102	103
2022/07/13	14:58:00	0.000	-9	-9	102	102
2022/07/13	15:00:00	0.000	-9	-9	102	102
2022/07/13	15:02:00	0.000	-9	-9	102	102
2022/07/13	15:04:00	0.000	-9	-9	102	102
2022/07/13	15:06:00	0.000	-9	-9	102	103
2022/07/13	15:08:00	0.000	-9	-9	102	103
2022/07/13	15:10:00	0.000	-9	-9	102	103
2022/07/13	15:12:00	0.000	-9	-9	102	102
2022/07/13	15:14:00	0.000	-9	-9	102	102
2022/07/13	15:16:00	0.000	-9	-9	102	102
2022/07/13	15:18:00	0.000	-9	-9	102	102
2022/07/13	15:20:00	0.000	-9	-9	102	102
2022/07/13	15:22:00	0.000	-9	-9	102	102
2022/07/13	15:24:00	0.000	-9	-9	102	102
2022/07/13	15:26:00	0.000	-9	-9	102	102
2022/07/13	15:28:00	0.000	-9	-9	102	102
2022/07/13	15:30:00	0.000	-9	-9	102	102
2022/07/13	15:32:00	0.000	-9	-9	102	102
2022/07/13	15:34:00	0.000	-9	-9	102	103
2022/07/13	15:36:00	0.000	-9	-9	102	102
2022/07/13	15:38:00	0.000	-9	-9	102	102
2022/07/13	15:40:00	0.000	-9	-9	102	102
2022/07/13	15:42:00	0.000	-9	-9	101	102
2022/07/13	15:44:00	0.000	-9	-9	101	102
2022/07/13	15:46:00	0.000	-9	-9	101	101
2022/07/13	15:48:00	0.000	-9	-9	101	101
2022/07/13	15:50:00	0.000	-9	-9	101	101
2022/07/13	15:52:00	0.000	-9	-9	101	101
2022/07/13	15:54:00	0.000	-9	-9	101	101
2022/07/13	15:56:00	0.000	-9	-9	101	102
2022/07/13	15:58:00	0.000	-9	-9	101	102
2022/07/13	16:00:00	0.000	-9	-9	101	101
2022/07/13	16:02:00	0.000	-9	-9	101	101
2022/07/13	16:04:00	0.000	-9	-9	100	101
2022/07/13	16:06:00	0.000	-9	-9	100	101
2022/07/13	16:08:00	0.000	-9	-9	100	100
2022/07/13	16:10:00	0.000	-9	-9	100	100
2022/07/13	16:12:00	0.000	-9	-9	100	101
2022/07/13	16:14:00	0.000	-9	-9	100	101
2022/07/13	16:16:00	0.000	-9	-9	100	100
2022/07/13	16:18:00	0.000	-9	-9	100	100
2022/07/13	16:20:00	0.000	-9	-9	100	101
2022/07/13	16:22:00	0.000	-9	-9	100	101
2022/07/13	16:24:00	0.000	-9	-9	100	100
2022/07/13	16:26:00	0.000	-9	-9	100	100
2022/07/13	16:28:00	0.000	-9	-9	100	100
2022/07/13	16:30:00	0.000	-9	-9	100	100
2022/07/13	16:32:00	0.000	-9	-9	100	100
2022/07/13	16:34:00	0.000	-9	-9	99	100
2022/07/13	16:36:00	0.000	-9	-9	99	100
2022/07/13	16:38:00	0.000	-9	-9	99	100
2022/07/13	16:40:00	0.000	-9	-9	99	100
2022/07/13	16:42:00	0.000	-9	-9	99	100
2022/07/13	16:44:00	0.000	-9	-9	99	100
2022/07/13	16:46:00	0.000	-9	-9	100	101
2022/07/13	16:48:00	0.000	-9	-9	100	100
2022/07/13	16:50:00	0.000	-9	-9	100	100
2022/07/13	16:52:00	0.000	-9	-9	100	100
2022/07/13	16:54:00	0.000	-9	-9	100	100
2022/07/13	16:56:00	0.000	-9	-9	99	100
2022/07/13	16:58:00	0.000	-9	-9	99	100
2022/07/13	17:00:00	0.000	-9	-9	99	100
2022/07/13	17:02:00	0.000	-9	-9	99	100

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag		1		1
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	17:04:00	0.000	-9	-9	99	100
2022/07/13	17:06:00	0.000	-9	-9	99	100
2022/07/13	17:08:00	0.000	-9	-9	99	100
2022/07/13	17:10:00	0.000	-9	-9	99	100
2022/07/13	17:12:00	0.000	-9	-9	99	100
2022/07/13	17:14:00	0.000	-9	-9	99	100
2022/07/13	17:16:00	0.000	-9	-9	99	99
2022/07/13	17:18:00	0.000	-9	-9	99	100
2022/07/13	17:20:00	0.000	-9	-9	99	99
2022/07/13	17:22:00	0.000	-9	-9	99	99
2022/07/13	17:24:00	0.000	-9	-9	99	100
2022/07/13	17:26:00	0.000	-9	-9	99	99
2022/07/13	17:28:00	0.000	-9	-9	99	99
2022/07/13	17:30:00	0.000	-9	-9	99	99
2022/07/13	17:32:00	0.000	-9	-9	99	99
2022/07/13	17:34:00	0.000	-9	-9	99	99
2022/07/13	17:36:00	0.000	-9	-9	99	99
2022/07/13	17:38:00	0.000	-9	-9	99	99
2022/07/13	17:40:00	0.000	-9	-9	99	99
2022/07/13	17:42:00	0.000	-9	-9	99	99
2022/07/13	17:44:00	0.000	-9	-9	99	99
2022/07/13	17:46:00	0.000	-9	-9	99	99
2022/07/13	17:48:00	0.000	-9	-9	99	99
2022/07/13	17:50:00	0.000	-9	-9	99	99
2022/07/13	17:52:00	0.000	-9	-9	99	99
2022/07/13	17:54:00	0.000	-9	-9	99	99
2022/07/13	17:56:00	0.000	-9	-9	98	99
2022/07/13	17:58:00	0.000	-9	-9	99	100
2022/07/13	18:00:00	0.000	-9	-9	99	99
2022/07/13	18:02:00	0.000	-9	-9	99	99
2022/07/13	18:04:00	0.000	-9	-9	99	99
2022/07/13	18:06:00	0.000	-9	-9	99	99
2022/07/13	18:08:00	0.000	-9	-9	98	99
2022/07/13	18:10:00	0.000	-9	-9	98	99
2022/07/13	18:12:00	0.000	-9	-9	98	99
2022/07/13	18:14:00	0.000	-9	-9	98	99
2022/07/13	18:16:00	0.000	-9	-9	98	99
2022/07/13	18:18:00	0.000	-9	-9	98	99
2022/07/13	18:20:00	0.000	-9	-9	98	99
2022/07/13	18:22:00	0.000	-9	-9	98	99
2022/07/13	18:24:00	0.000	-9	-9	98	99
2022/07/13	18:26:00	0.000	-9	-9	98	99
2022/07/13	18:28:00	0.000	-9	-9	98	98
2022/07/13	18:30:00	0.000	-9	-9	98	98
2022/07/13	18:32:00	0.000	-9	-9	98	98
2022/07/13	18:34:00	0.000	-9	-9	98	98
2022/07/13	18:36:00	0.000	-9	-9	98	98
2022/07/13	18:38:00	0.000	-9	-9	98	98
2022/07/13	18:40:00	0.000	-9	-9	97	98
2022/07/13	18:42:00	0.000	-9	-9	97	98
2022/07/13	18:44:00	0.000	-9	-9	97	97
2022/07/13	18:46:00	0.000	-9	-9	97	97
2022/07/13	18:48:00	0.000	-9	-9	97	97
2022/07/13	18:50:00	0.000	-9	-9	97	97
2022/07/13	18:52:00	0.000	-9	-9	97	97
2022/07/13	18:54:00	0.000	-9	-9	97	97
2022/07/13	18:56:00	0.000	-9	-9	96	97
2022/07/13	18:58:00	0.000	-9	-9	96	97
2022/07/13	19:00:00	0.000	-9	-9	96	96
2022/07/13	19:02:00	0.000	-9	-9	96	96
2022/07/13	19:04:00	0.000	-9	-9	96	96
2022/07/13	19:06:00	0.000	-9	-9	95	96
2022/07/13	19:08:00	0.000	-9	-9	95	96
2022/07/13	19:10:00	0.000	-9	-9	95	96

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	19:12:00	0.000	-9	-9	95	95
2022/07/13	19:14:00	0.000	-9	-9	95	95
2022/07/13	19:16:00	0.000	-9	-9	95	95
2022/07/13	19:18:00	0.000	-9	-9	95	95
2022/07/13	19:20:00	0.000	-9	-9	95	95
2022/07/13	19:22:00	0.000	-9	-9	95	95
2022/07/13	19:24:00	0.000	-9	-9	94	95
2022/07/13	19:26:00	0.000	-9	-9	94	95
2022/07/13	19:28:00	0.000	-9	-9	94	95
2022/07/13	19:30:00	0.000	-9	-9	95	95
2022/07/13	19:32:00	0.000	-9	-9	95	95
2022/07/13	19:34:00	0.000	-9	-9	94	95
2022/07/13	19:36:00	0.000	-10	-9	95	95
2022/07/13	19:38:00	0.000	-9	-9	95	95
2022/07/13	19:40:00	0.000	-9	-9	94	95
2022/07/13	19:42:00	0.000	-9	-9	94	94
2022/07/13	19:44:00	0.000	-10	-9	94	95
2022/07/13	19:46:00	0.000	-9	-9	94	95
2022/07/13	19:48:00	0.000	-10	-9	94	95
2022/07/13	19:50:00	0.000	-10	-9	94	94
2022/07/13	19:52:00	0.000	-9	-9	94	94
2022/07/13	19:54:00	0.000	-10	-9	94	94
2022/07/13	19:56:00	0.000	-10	-9	94	94
2022/07/13	19:58:00	0.000	-10	-9	93	94
2022/07/13	20:00:00	0.000	-9	-9	93	94
2022/07/13	20:02:00	0.000	-10	-9	93	94
2022/07/13	20:04:00	0.000	-10	-9	93	94
2022/07/13	20:06:00	0.000	-10	-9	93	94
2022/07/13	20:08:00	0.000	-10	-9	93	94
2022/07/13	20:10:00	0.000	-10	-9	93	94
2022/07/13	20:12:00	0.000	-10	-9	93	93
2022/07/13	20:14:00	0.000	-10	-9	93	94
2022/07/13	20:16:00	0.000	-10	-9	93	94
2022/07/13	20:18:00	0.000	-10	-9	93	94
2022/07/13	20:20:00	0.000	-10	-9	93	93
2022/07/13	20:22:00	0.000	-10	-9	93	93
2022/07/13	20:24:00	0.000	-10	-9	93	93
2022/07/13	20:26:00	0.000	-10	-9	93	93
2022/07/13	20:28:00	0.000	-10	-9	93	93
2022/07/13	20:30:00	0.000	-10	-9	93	93
2022/07/13	20:32:00	0.000	-10	-9	93	93
2022/07/13	20:34:00	0.000	-10	-9	93	93
2022/07/13	20:36:00	0.000	-10	-9	93	93
2022/07/13	20:38:00	0.000	-10	-9	92	93
2022/07/13	20:40:00	0.000	-10	-9	92	93
2022/07/13	20:42:00	0.000	-10	-9	92	93
2022/07/13	20:44:00	0.000	-10	-9	92	93
2022/07/13	20:46:00	0.000	-10	-9	92	93
2022/07/13	20:48:00	0.000	-10	-9	92	93
2022/07/13	20:50:00	0.000	-10	-9	92	92
2022/07/13	20:52:00	0.000	-10	-9	92	92
2022/07/13	20:54:00	0.000	-10	-9	92	92
2022/07/13	20:56:00	0.000	-10	-9	92	92
2022/07/13	20:58:00	0.000	-10	-9	91	92
2022/07/13	21:00:00	0.000	-10	-9	91	92
2022/07/13	21:02:00	0.000	-10	-9	91	92
2022/07/13	21:04:00	0.000	-10	-9	91	92
2022/07/13	21:06:00	0.000	-10	-9	91	92
2022/07/13	21:08:00	0.000	-10	-9	91	92
2022/07/13	21:10:00	0.000	-10	-9	91	92
2022/07/13	21:12:00	0.000	-10	-9	91	91
2022/07/13	21:14:00	0.000	-10	-9	91	91
2022/07/13	21:16:00	0.000	-10	-9	91	91
2022/07/13	21:18:00	0.000	-10	-9	91	91

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	21:20:00	0.000	-10	-9	91	91
2022/07/13	21:22:00	0.000	-10	-9	91	91
2022/07/13	21:24:00	0.000	-10	-9	91	91
2022/07/13	21:26:00	0.000	-10	-9	91	91
2022/07/13	21:28:00	0.000	-10	-10	91	91
2022/07/13	21:30:00	0.000	-10	-10	91	91
2022/07/13	21:32:00	0.000	-10	-10	90	91
2022/07/13	21:34:00	0.000	-10	-10	90	91
2022/07/13	21:36:00	0.000	-10	-10	90	91
2022/07/13	21:38:00	0.000	-10	-10	90	91
2022/07/13	21:40:00	0.000	-10	-10	90	90
2022/07/13	21:42:00	0.000	-10	-10	90	90
2022/07/13	21:44:00	0.000	-10	-10	90	90
2022/07/13	21:46:00	0.000	-10	-10	90	90
2022/07/13	21:48:00	0.000	-10	-10	90	90
2022/07/13	21:50:00	0.000	-10	-10	90	90
2022/07/13	21:52:00	0.000	-10	-10	90	90
2022/07/13	21:54:00	0.000	-10	-10	90	90
2022/07/13	21:56:00	0.000	-10	-10	90	90
2022/07/13	21:58:00	0.000	-10	-10	90	90
2022/07/13	22:00:00	0.000	-10	-10	90	90
2022/07/13	22:02:00	0.000	-10	-10	90	90
2022/07/13	22:04:00	0.000	-10	-10	90	90
2022/07/13	22:06:00	0.000	-10	-10	90	90
2022/07/13	22:08:00	0.000	-10	-10	90	90
2022/07/13	22:10:00	0.000	-10	-10	90	90
2022/07/13	22:12:00	0.000	-10	-10	89	90
2022/07/13	22:14:00	0.000	-10	-10	90	90
2022/07/13	22:16:00	0.000	-10	-10	90	90
2022/07/13	22:18:00	0.000	-10	-10	90	90
2022/07/13	22:20:00	0.000	-10	-10	90	90
2022/07/13	22:22:00	0.000	-10	-10	89	90
2022/07/13	22:24:00	0.000	-10	-10	90	90
2022/07/13	22:26:00	0.000	-10	-10	90	90
2022/07/13	22:28:00	0.000	-10	-10	90	90
2022/07/13	22:30:00	0.000	-10	-10	90	90
2022/07/13	22:32:00	0.000	-10	-10	89	90
2022/07/13	22:34:00	0.000	-10	-10	89	90
2022/07/13	22:36:00	0.000	-10	-10	89	90
2022/07/13	22:38:00	0.000	-10	-10	89	90
2022/07/13	22:40:00	0.000	-10	-10	89	89
2022/07/13	22:42:00	0.000	-10	-10	89	89
2022/07/13	22:44:00	0.000	-10	-10	89	90
2022/07/13	22:46:00	0.000	-10	-10	89	90
2022/07/13	22:48:00	0.000	-10	-10	90	90
2022/07/13	22:50:00	0.000	-10	-10	90	90
2022/07/13	22:52:00	0.000	-10	-10	90	90
2022/07/13	22:54:00	0.000	-10	-10	90	90
2022/07/13	22:56:00	0.000	-10	-10	90	90
2022/07/13	22:58:00	0.000	-10	-10	90	90
2022/07/13	23:00:00	0.000	-10	-10	90	90
2022/07/13	23:02:00	0.000	-10	-10	90	90
2022/07/13	23:04:00	0.000	-10	-10	89	90
2022/07/13	23:06:00	0.000	-10	-10	90	90
2022/07/13	23:08:00	0.000	-10	-10	89	90
2022/07/13	23:10:00	0.000	-10	-10	90	90
2022/07/13	23:12:00	0.000	-10	-10	89	90
2022/07/13	23:14:00	0.000	-10	-10	89	90
2022/07/13	23:16:00	0.000	-10	-10	89	90
2022/07/13	23:18:00	0.000	-10	-10	90	90
2022/07/13	23:20:00	0.000	-10	-10	90	90
2022/07/13	23:22:00	0.000	-10	-10	90	90
2022/07/13	23:24:00	0.000	-10	-10	89	90
2022/07/13	23:26:00	0.000	-10	-10	89	90

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/13	23:28:00	0.000	-10	-10	90	90
2022/07/13	23:30:00	0.000	-10	-10	90	90
2022/07/13	23:32:00	0.000	-10	-10	89	90
2022/07/13	23:34:00	0.000	-10	-10	89	90
2022/07/13	23:36:00	0.000	-10	-10	89	90
2022/07/13	23:38:00	0.000	-10	-10	89	90
2022/07/13	23:40:00	0.000	-10	-10	89	89
2022/07/13	23:42:00	0.000	-10	-10	89	89
2022/07/13	23:44:00	0.000	-10	-10	89	90
2022/07/13	23:46:00	0.000	-10	-10	89	90
2022/07/13	23:48:00	0.000	-10	-10	89	90
2022/07/13	23:50:00	0.000	-10	-10	89	89
2022/07/13	23:52:00	0.000	-10	-10	89	89
2022/07/13	23:54:00	0.000	-10	-10	89	89
2022/07/13	23:56:00	0.000	-10	-10	89	89
2022/07/13	23:58:00	0.000	-10	-10	89	89

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	00:00:00	0.000	-10	-10	89	89
2022/07/14	00:02:00	0.000	-10	-10	89	89
2022/07/14	00:04:00	0.000	-10	-10	89	89
2022/07/14	00:06:00	0.000	-10	-10	89	89
2022/07/14	00:08:00	0.000	-10	-10	89	89
2022/07/14	00:10:00	0.000	-10	-10	89	89
2022/07/14	00:12:00	0.000	-10	-10	89	89
2022/07/14	00:14:00	0.000	-10	-10	89	89
2022/07/14	00:16:00	0.000	-10	-10	89	91
2022/07/14	00:18:00	0.000	-10	-10	91	94
2022/07/14	00:20:00	0.000	-10	-10	94	95
2022/07/14	00:22:00	0.000	-13	-8	95	188
2022/07/14	00:24:00	0.000	-13	-9	97	198
2022/07/14	00:26:00	0.000	-14	-10	93	165
2022/07/14	00:28:00	0.000	-14	-13	94	94
2022/07/14	00:30:00	0.000	-14	-13	94	95
2022/07/14	00:32:00	0.000	-13	-13	95	96
2022/07/14	00:34:00	0.000	-13	-13	95	96
2022/07/14	00:36:00	0.000	-13	3	95	95
2022/07/14	00:38:00	0.000	1	2	95	96
2022/07/14	00:40:00	0.000	1	2	96	96
2022/07/14	00:42:00	0.000	1	2	95	96
2022/07/14	00:44:00	0.000	1	2	94	95
2022/07/14	00:46:00	0.000	1	2	93	94
2022/07/14	00:48:00	0.000	1	2	92	93
2022/07/14	00:50:00	0.000	1	2	92	92
2022/07/14	00:52:00	0.000	1	2	91	92
2022/07/14	00:54:00	0.000	1	2	91	91
2022/07/14	00:56:00	0.000	1	2	90	91
2022/07/14	00:58:00	0.000	1	2	89	90
2022/07/14	01:00:00	0.000	1	2	89	89
2022/07/14	01:02:00	0.000	1	2	88	89
2022/07/14	01:04:00	0.000	1	2	88	88
2022/07/14	01:06:00	0.000	1	2	88	88
2022/07/14	01:08:00	0.000	1	2	88	88
2022/07/14	01:10:00	0.000	1	2	87	88
2022/07/14	01:12:00	0.000	1	2	87	87
2022/07/14	01:14:00	0.000	1	2	87	87
2022/07/14	01:16:00	0.000	1	2	87	87
2022/07/14	01:18:00	0.000				
2022/07/14	01:20:00	0.000				
2022/07/14	01:22:00	0.000				
2022/07/14	01:24:00	0.000				
2022/07/14	01:26:00	0.000				
2022/07/14	01:28:00	0.000				
2022/07/14	01:30:00	0.000				
2022/07/14	01:32:00	0.000				
2022/07/14	01:34:00	0.000				
2022/07/14	01:36:00	0.000				
2022/07/14	01:38:00	0.000				
2022/07/14	01:40:00	0.000				
2022/07/14	01:42:00	0.000				
2022/07/14	01:44:00	0.000				
2022/07/14	01:46:00	0.000				
2022/07/14	01:48:00	0.000				
2022/07/14	01:50:00	0.000				
2022/07/14	01:52:00	0.000				
2022/07/14	01:54:00	0.000				
2022/07/14	01:56:00	0.000				
2022/07/14	01:58:00	0.000				
2022/07/14	02:00:00	0.000				
2022/07/14	02:02:00	0.000				
2022/07/14	02:04:00	0.000				
2022/07/14	02:06:00	0.000				

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	02:08:00	0.000				
2022/07/14	02:10:00	0.000				
2022/07/14	02:12:00	0.000				
2022/07/14	02:14:00	0.000				
2022/07/14	02:16:00	0.000				
2022/07/14	02:18:00	0.000				
2022/07/14	02:20:00	0.000				
2022/07/14	02:22:00	0.000				
2022/07/14	02:24:00	0.000				
2022/07/14	02:26:00	0.000				
2022/07/14	02:28:00	0.000				
2022/07/14	02:30:00	0.000				
2022/07/14	02:32:00	0.000				
2022/07/14	02:34:00	0.000				
2022/07/14	02:36:00	0.000				
2022/07/14	02:38:00	0.000				
2022/07/14	02:40:00	0.000				
2022/07/14	02:42:00	0.000				
2022/07/14	02:44:00	0.000				
2022/07/14	02:46:00	0.000				
2022/07/14	02:48:00	0.000				
2022/07/14	02:50:00	0.000				
2022/07/14	02:52:00	0.000				
2022/07/14	02:54:00	0.000				
2022/07/14	02:56:00	0.000				
2022/07/14	02:58:00	0.000				
2022/07/14	03:00:00	0.000				
2022/07/14	03:02:00	0.000				
2022/07/14	03:04:00	0.000				
2022/07/14	03:06:00	0.000				
2022/07/14	03:08:00	0.000				
2022/07/14	03:10:00	0.000				
2022/07/14	03:12:00	0.000				
2022/07/14	03:14:00	0.000				
2022/07/14	03:16:00	0.000				
2022/07/14	03:18:00	0.000				
2022/07/14	03:20:00	0.000				
2022/07/14	03:22:00	0.000				
2022/07/14	03:24:00	0.000				
2022/07/14	03:26:00	0.000				
2022/07/14	03:28:00	0.000				
2022/07/14	03:30:00	0.000				
2022/07/14	03:32:00	0.000				
2022/07/14	03:34:00	0.000				
2022/07/14	03:36:00	0.000				
2022/07/14	03:38:00	0.000				
2022/07/14	03:40:00	0.000				
2022/07/14	03:42:00	0.000				
2022/07/14	03:44:00	0.000				
2022/07/14	03:46:00	0.000				
2022/07/14	03:48:00	0.000				
2022/07/14	03:50:00	0.000				
2022/07/14	03:52:00	0.000				
2022/07/14	03:54:00	0.000				
2022/07/14	03:56:00	0.000				
2022/07/14	03:58:00	0.000				
2022/07/14	04:00:00	0.000				
2022/07/14	04:02:00	0.000				
2022/07/14	04:04:00	0.000				
2022/07/14	04:06:00	0.000				
2022/07/14	04:08:00	0.000				
2022/07/14	04:10:00	0.000				
2022/07/14	04:12:00	0.000				
2022/07/14	04:14:00	0.000				

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	04:16:00	0.000				
2022/07/14	04:18:00	0.000				
2022/07/14	04:20:00	0.000				
2022/07/14	04:22:00	0.000				
2022/07/14	04:24:00	0.000				
2022/07/14	04:26:00	0.000				
2022/07/14	04:28:00	0.000				
2022/07/14	04:30:00	0.000				
2022/07/14	04:32:00	0.000				
2022/07/14	04:34:00	0.000				
2022/07/14	04:36:00	0.000				
2022/07/14	04:38:00	0.000				
2022/07/14	04:40:00	0.000				
2022/07/14	04:42:00	0.000				
2022/07/14	04:44:00	0.000				
2022/07/14	04:46:00	0.000				
2022/07/14	04:48:00	0.000				
2022/07/14	04:50:00	0.000				
2022/07/14	04:52:00	0.000				
2022/07/14	04:54:00	0.000				
2022/07/14	04:56:00	0.000				
2022/07/14	04:58:00	0.000				
2022/07/14	05:00:00	0.000				
2022/07/14	05:02:00	0.000				
2022/07/14	05:04:00	0.000				
2022/07/14	05:06:00	0.000				
2022/07/14	05:08:00	0.000				
2022/07/14	05:10:00	0.000				
2022/07/14	05:12:00	0.000				
2022/07/14	05:14:00	0.000				
2022/07/14	05:16:00	0.000				
2022/07/14	05:18:00	0.000				
2022/07/14	05:20:00	0.000				
2022/07/14	05:22:00	0.000				
2022/07/14	05:24:00	0.000				
2022/07/14	05:26:00	0.000				
2022/07/14	05:28:00	0.000				
2022/07/14	05:30:00	0.000				
2022/07/14	05:32:00	0.000				
2022/07/14	05:34:00	0.000				
2022/07/14	05:36:00	0.000				
2022/07/14	05:38:00	0.000				
2022/07/14	05:40:00	0.000				
2022/07/14	05:42:00	0.000				
2022/07/14	05:44:00	0.000				
2022/07/14	05:46:00	0.000				
2022/07/14	05:48:00	0.000				
2022/07/14	05:50:00	0.000				
2022/07/14	05:52:00	0.000				
2022/07/14	05:54:00	0.000				
2022/07/14	05:56:00	0.000				
2022/07/14	05:58:00	0.000				
2022/07/14	06:00:00	0.000				
2022/07/14	06:02:00	0.000				
2022/07/14	06:04:00	0.000				
2022/07/14	06:06:00	0.000				
2022/07/14	06:08:00	0.000				
2022/07/14	06:10:00	0.000				
2022/07/14	06:12:00	0.000				
2022/07/14	06:14:00	0.000				
2022/07/14	06:16:00	0.000				
2022/07/14	06:18:00	0.000				
2022/07/14	06:20:00	0.000				
2022/07/14	06:22:00	0.000				

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	06:24:00	0.000				
2022/07/14	06:26:00	0.000				
2022/07/14	06:28:00	0.000				
2022/07/14	06:30:00	0.000				
2022/07/14	06:32:00	0.000				
2022/07/14	06:34:00	0.000				
2022/07/14	06:36:00	0.000				
2022/07/14	06:38:00	0.000				
2022/07/14	06:40:00	0.000				
2022/07/14	06:42:00	0.000				
2022/07/14	06:44:00	0.000				
2022/07/14	06:46:00	0.000				
2022/07/14	06:48:00	0.000				
2022/07/14	06:50:00	0.000				
2022/07/14	06:52:00	0.000				
2022/07/14	06:54:00	0.000				
2022/07/14	06:56:00	0.000				
2022/07/14	06:58:00	0.000				
2022/07/14	07:00:00	0.000				
2022/07/14	07:02:00	0.000				
2022/07/14	07:04:00	0.000				
2022/07/14	07:06:00	0.000				
2022/07/14	07:08:00	0.000				
2022/07/14	07:10:00	0.000				
2022/07/14	07:12:00	0.000				
2022/07/14	07:14:00	0.000				
2022/07/14	07:16:00	0.000				
2022/07/14	07:18:00	0.000				
2022/07/14	07:20:00	0.000				
2022/07/14	07:22:00	0.000				
2022/07/14	07:24:00	0.000				
2022/07/14	07:26:00	0.000				
2022/07/14	07:28:00	0.000				
2022/07/14	07:30:00	0.000				
2022/07/14	07:32:00	0.000				
2022/07/14	07:34:00	0.000				
2022/07/14	07:36:00	0.000				
2022/07/14	07:38:00	0.000				
2022/07/14	07:40:00	0.000				
2022/07/14	07:42:00	0.000				
2022/07/14	07:44:00	0.000				
2022/07/14	07:46:00	0.000				
2022/07/14	07:48:00	0.000				
2022/07/14	07:50:00	0.000				
2022/07/14	07:52:00	0.000				
2022/07/14	07:54:00	0.000				
2022/07/14	07:56:00	0.000				
2022/07/14	07:58:00	0.000				
2022/07/14	08:00:00	0.000				
2022/07/14	08:02:00	0.000				
2022/07/14	08:04:00	0.000				
2022/07/14	08:06:00	0.000				
2022/07/14	08:08:00	0.000				
2022/07/14	08:10:00	0.000				
2022/07/14	08:12:00	0.000				
2022/07/14	08:14:00	0.000				
2022/07/14	08:16:00	0.000				
2022/07/14	08:18:00	0.000				
2022/07/14	08:20:00	0.000				
2022/07/14	08:22:00	0.000				
2022/07/14	08:24:00	0.000				
2022/07/14	08:26:00	0.000				
2022/07/14	08:28:00	0.000				
2022/07/14	08:30:00	0.000				

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	08:32:00		0.000			
2022/07/14	08:34:00		0.000			
2022/07/14	08:36:00		0.000			
2022/07/14	08:38:00		0.000			
2022/07/14	08:40:00		0.000			
2022/07/14	08:42:00		0.000			
2022/07/14	08:44:00		0.000			
2022/07/14	08:46:00		0.000			
2022/07/14	08:48:00		0.000			
2022/07/14	08:50:00		0.000			
2022/07/14	08:52:00		0.000			
2022/07/14	08:54:00		0.000			
2022/07/14	08:56:00		0.000			
2022/07/14	08:58:00		0.000			
2022/07/14	09:00:00		0.000			
2022/07/14	09:02:00		0.000			
2022/07/14	09:04:00		0.000			
2022/07/14	09:06:00		0.000			
2022/07/14	09:08:00		0.000			
2022/07/14	09:10:00		0.000			
2022/07/14	09:12:00		0.000			
2022/07/14	09:14:00		0.000			
2022/07/14	09:16:00		0.000			
2022/07/14	09:18:00		0.000			
2022/07/14	09:20:00		0.000			
2022/07/14	09:22:00		0.000			
2022/07/14	09:24:00		0.000			
2022/07/14	09:26:00		0.000			
2022/07/14	09:28:00		0.000			
2022/07/14	09:30:00		0.000			
2022/07/14	09:32:00		0.000			
2022/07/14	09:34:00		0.000			
2022/07/14	09:36:00		0.000			
2022/07/14	09:38:00		0.000			
2022/07/14	09:40:00		0.000			
2022/07/14	09:42:00		0.000			
2022/07/14	09:44:00		0.000			
2022/07/14	09:46:00		0.000			
2022/07/14	09:48:00		0.000			
2022/07/14	09:50:00		0.000			
2022/07/14	09:52:00		0.000			
2022/07/14	09:54:00		0.000			
2022/07/14	09:56:00		0.000			
2022/07/14	09:58:00		0.000			
2022/07/14	10:00:00		0.000			
2022/07/14	10:02:00		0.000			
2022/07/14	10:04:00		0.000			
2022/07/14	10:06:00		0.000			
2022/07/14	10:08:00		0.000			
2022/07/14	10:10:00		0.000			
2022/07/14	10:12:00		0.000			
2022/07/14	10:14:00		0.000			
2022/07/14	10:16:00		0.000			
2022/07/14	10:18:00		0.000			
2022/07/14	10:20:00		0.000			
2022/07/14	10:22:00		0.000			
2022/07/14	10:24:00		0.000			
2022/07/14	10:26:00		0.000			
2022/07/14	10:28:00		0.000			
2022/07/14	10:30:00		0.000			
2022/07/14	10:32:00		0.000			
2022/07/14	10:34:00		0.000			
2022/07/14	10:36:00		0.000			
2022/07/14	10:38:00		0.000			

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	10:40:00	0.000				
2022/07/14	10:42:00	0.000				
2022/07/14	10:44:00	0.000				
2022/07/14	10:46:00	0.000				
2022/07/14	10:48:00	0.000				
2022/07/14	10:50:00	0.000				
2022/07/14	10:52:00	0.000				
2022/07/14	10:54:00	0.000				
2022/07/14	10:56:00	0.000				
2022/07/14	10:58:00	0.000				
2022/07/14	11:00:00	0.000				
2022/07/14	11:02:00	0.000				
2022/07/14	11:04:00	0.000				
2022/07/14	11:06:00	0.000				
2022/07/14	11:08:00	0.000				
2022/07/14	11:10:00	0.000				
2022/07/14	11:12:00	0.000				
2022/07/14	11:14:00	0.000				
2022/07/14	11:16:00	0.000				
2022/07/14	11:18:00	0.000				
2022/07/14	11:20:00	0.000				
2022/07/14	11:22:00	0.000				
2022/07/14	11:24:00	0.000				
2022/07/14	11:26:00	0.000				
2022/07/14	11:28:00	0.000				
2022/07/14	11:30:00	0.000				
2022/07/14	11:32:00	0.000				
2022/07/14	11:34:00	0.000				
2022/07/14	11:36:00	0.000				
2022/07/14	11:38:00	0.000				
2022/07/14	11:40:00	0.000				
2022/07/14	11:42:00	0.000				
2022/07/14	11:44:00	0.000				
2022/07/14	11:46:00	0.000				
2022/07/14	11:48:00	0.000				
2022/07/14	11:50:00	0.000				
2022/07/14	11:52:00	0.000				
2022/07/14	11:54:00	0.000				
2022/07/14	11:56:00	0.000				
2022/07/14	11:58:00	0.000				
2022/07/14	12:00:00	0.000				
2022/07/14	12:02:00	0.000				
2022/07/14	12:04:00	0.000				
2022/07/14	12:06:00	0.000				
2022/07/14	12:08:00	0.000				
2022/07/14	12:10:00	0.000				
2022/07/14	12:12:00	0.000				
2022/07/14	12:14:00	0.000				
2022/07/14	12:16:00	0.000				
2022/07/14	12:18:00	0.000				
2022/07/14	12:20:00	0.000				
2022/07/14	12:22:00	0.000				
2022/07/14	12:24:00	0.000				
2022/07/14	12:26:00	0.000				
2022/07/14	12:28:00	0.000				
2022/07/14	12:30:00	0.000				
2022/07/14	12:32:00	0.000				
2022/07/14	12:34:00	0.000				
2022/07/14	12:36:00	0.000				
2022/07/14	12:38:00	0.000				
2022/07/14	12:40:00	0.000				
2022/07/14	12:42:00	0.000				
2022/07/14	12:44:00	0.000				
2022/07/14	12:46:00	0.000				

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	12:48:00	0.000				
2022/07/14	12:50:00	0.000				
2022/07/14	12:52:00	0.000				
2022/07/14	12:54:00	0.000				
2022/07/14	12:56:00	0.000				
2022/07/14	12:58:00	0.000				
2022/07/14	13:00:00	0.000				
2022/07/14	13:02:00	0.000				
2022/07/14	13:04:00	0.000				
2022/07/14	13:06:00	0.000				
2022/07/14	13:08:00	0.000				
2022/07/14	13:10:00	0.000				
2022/07/14	13:12:00	0.000				
2022/07/14	13:14:00	0.000				
2022/07/14	13:16:00	0.000				
2022/07/14	13:18:00	0.000				
2022/07/14	13:20:00	0.000				
2022/07/14	13:22:00	0.000				
2022/07/14	13:24:00	0.000				
2022/07/14	13:26:00	0.000				
2022/07/14	13:28:00	0.000				
2022/07/14	13:30:00	0.000				
2022/07/14	13:32:00	0.000				
2022/07/14	13:34:00	0.000				
2022/07/14	13:36:00	0.000				
2022/07/14	13:38:00	0.000				
2022/07/14	13:40:00	0.000				
2022/07/14	13:42:00	0.000				
2022/07/14	13:44:00	0.000				
2022/07/14	13:46:00	0.000	-7	-5	101	103
2022/07/14	13:48:00	0.000	-10	34	101	122
2022/07/14	13:50:00	0.000	34	34	103	104
2022/07/14	13:52:00	0.000	7	34	103	104
2022/07/14	13:54:00	0.000	7	7	103	104
2022/07/14	13:56:00	0.000	7	7	103	103
2022/07/14	13:58:00	0.000	7	7	103	103
2022/07/14	14:00:00	0.000	6	7	101	103
2022/07/14	14:02:00	0.000	6	7	101	103
2022/07/14	14:04:00	0.000	6	7	101	103
2022/07/14	14:06:00	0.000	6	7	101	101
2022/07/14	14:08:00	0.000	6	6	101	101
2022/07/14	14:10:00	0.000	6	6	101	101
2022/07/14	14:12:00	0.000	6	6	101	101
2022/07/14	14:14:00	0.000	6	6	101	101
2022/07/14	14:16:00	0.000	6	6	101	101
2022/07/14	14:18:00	0.000	6	6	101	101
2022/07/14	14:20:00	0.000	6	6	101	101
2022/07/14	14:22:00	0.000	6	6	101	101
2022/07/14	14:24:00	0.000	6	6	101	103
2022/07/14	14:26:00	0.000	6	6	101	103
2022/07/14	14:28:00	0.000	6	6	101	103
2022/07/14	14:30:00	0.000	6	6	101	101
2022/07/14	14:32:00	0.000	6	6	101	101
2022/07/14	14:34:00	0.000	4	6	101	101
2022/07/14	14:36:00	0.000	3	4	101	101
2022/07/14	14:38:00	0.000	3	3	101	101
2022/07/14	14:40:00	0.000	3	3	101	101
2022/07/14	14:42:00	0.000	3	3	101	101
2022/07/14	14:44:00	0.000	3	3	101	101
2022/07/14	14:46:00	0.000	-5	28	100	105
2022/07/14	14:48:00	0.000	-13	3	101	166
2022/07/14	14:50:00	0.000	-13	-13	108	108
2022/07/14	14:52:00	0.000	-13	-13	108	108
2022/07/14	14:54:00	0.000	-13	-13	108	108

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	14:56:00	0.000	-13	646	108	110
2022/07/14	14:58:00	0.000	-13	135	110	117
2022/07/14	15:00:00	0.000	-13	-13	117	117
2022/07/14	15:02:00	0.000	-13	-10	109	117
2022/07/14	15:04:00	0.000	-13	-9	108	143
2022/07/14	15:06:00	0.000	-10	-10	140	141
2022/07/14	15:08:00	0.000	-10	-10	139	141
2022/07/14	15:10:00	0.000	-10	-10	138	139
2022/07/14	15:12:00	0.000	-10	-10	137	138
2022/07/14	15:14:00	0.000	-10	-10	136	137
2022/07/14	15:16:00	0.000	-10	-10	136	136
2022/07/14	15:18:00	0.000	-10	-10	136	136
2022/07/14	15:20:00	0.000	-10	-10	135	136
2022/07/14	15:22:00	0.000	-10	-10	135	135
2022/07/14	15:24:00	0.000	-10	-10	135	135
2022/07/14	15:26:00	0.000	-10	-10	133	135
2022/07/14	15:28:00	0.000	-10	-10	133	135
2022/07/14	15:30:00	0.000	-10	-9	134	134
2022/07/14	15:32:00	0.000	-10	-9	134	134
2022/07/14	15:34:00	0.000	-10	-9	134	134
2022/07/14	15:36:00	0.000	-10	-9	134	134
2022/07/14	15:38:00	0.000	-10	-9	134	134
2022/07/14	15:40:00	0.000	-10	-9	134	134
2022/07/14	15:42:00	0.000	-10	-9	134	134
2022/07/14	15:44:00	0.000	-10	-9	134	134
2022/07/14	15:46:00	0.000	-10	-9	134	134
2022/07/14	15:48:00	0.000	-10	-9	134	135
2022/07/14	15:50:00	0.000	-10	-9	134	134
2022/07/14	15:52:00	0.000	-10	-9	134	134
2022/07/14	15:54:00	0.000	-10	-9	134	135
2022/07/14	15:56:00	0.000	-10	-9	134	135
2022/07/14	15:58:00	0.000	-10	-9	134	135
2022/07/14	16:00:00	0.000	-10	-9	134	134
2022/07/14	16:02:00	0.000	-10	-9	134	134
2022/07/14	16:04:00	0.000	-10	-9	134	135
2022/07/14	16:06:00	0.000	-10	-9	134	135
2022/07/14	16:08:00	0.000	-10	-9	134	134
2022/07/14	16:10:00	0.000	-10	-9	134	134
2022/07/14	16:12:00	0.000	-10	-9	134	134
2022/07/14	16:14:00	0.000	-10	-9	134	134
2022/07/14	16:16:00	0.000	-10	-9	134	134
2022/07/14	16:18:00	0.000	-10	-9	134	134
2022/07/14	16:20:00	0.000	-10	-9	134	134
2022/07/14	16:22:00	0.000	-10	-9	134	134
2022/07/14	16:24:00	0.000	-10	-9	134	134
2022/07/14	16:26:00	0.000	-10	-9	133	134
2022/07/14	16:28:00	0.000	-10	-9	133	134
2022/07/14	16:30:00	0.000	-10	-9	133	133
2022/07/14	16:32:00	0.000	-10	-9	133	133
2022/07/14	16:34:00	0.000	-10	-9	133	133
2022/07/14	16:36:00	0.000	-10	-9	133	133
2022/07/14	16:38:00	0.000	-10	-9	133	133
2022/07/14	16:40:00	0.000	-10	-9	133	133
2022/07/14	16:42:00	0.000	-10	-9	133	133
2022/07/14	16:44:00	0.000	-10	-9	133	134
2022/07/14	16:46:00	0.000	-10	-9	133	133
2022/07/14	16:48:00	0.000	-10	-9	133	133
2022/07/14	16:50:00	0.000	-10	-9	133	133
2022/07/14	16:52:00	0.000	-10	-9	133	133
2022/07/14	16:54:00	0.000	-10	-9	133	133
2022/07/14	16:56:00	0.000	-10	-9	133	133
2022/07/14	16:58:00	0.000	-10	-9	132	133
2022/07/14	17:00:00	0.000	-10	-9	132	133
2022/07/14	17:02:00	0.000	-10	-9	133	133

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/14	17:04:00		0.000	-10	-9	133	133
2022/07/14	17:06:00		0.000	-10	-9	132	133
2022/07/14	17:08:00		0.000	-10	-9	132	133
2022/07/14	17:10:00		0.000	-10	-9	132	133
2022/07/14	17:12:00		0.000	-10	-9	132	133
2022/07/14	17:14:00		0.000	-10	-9	132	133
2022/07/14	17:16:00		0.000	-9	-9	132	133
2022/07/14	17:18:00		0.000	-9	-9	132	133
2022/07/14	17:20:00		0.000	-10	-9	132	133
2022/07/14	17:22:00		0.000	-10	-9	132	133
2022/07/14	17:24:00		0.000	-10	-9	132	133
2022/07/14	17:26:00		0.000	-10	-9	132	132
2022/07/14	17:28:00		0.000	-10	-9	132	132
2022/07/14	17:30:00		0.000	-10	-9	132	132
2022/07/14	17:32:00		0.000	-10	-9	132	133
2022/07/14	17:34:00		0.000	-10	-9	132	132
2022/07/14	17:36:00		0.000	-10	-9	132	132
2022/07/14	17:38:00		0.000	-10	-9	132	132
2022/07/14	17:40:00		0.000	-9	-9	132	132
2022/07/14	17:42:00		0.000	-9	-9	132	132
2022/07/14	17:44:00		0.000	-9	-9	132	132
2022/07/14	17:46:00		0.000	-10	-9	132	133
2022/07/14	17:48:00		0.000	-10	-9	132	133
2022/07/14	17:50:00		0.000	-10	-9	132	133
2022/07/14	17:52:00		0.000	-10	-9	132	133
2022/07/14	17:54:00		0.000	-10	-9	132	132
2022/07/14	17:56:00		0.000	-10	-9	132	133
2022/07/14	17:58:00		0.000	-10	-9	132	133
2022/07/14	18:00:00		0.000	-9	-9	132	133
2022/07/14	18:02:00		0.000	-9	-9	132	133
2022/07/14	18:04:00		0.000	-9	-9	132	132
2022/07/14	18:06:00		0.000	-9	-9	132	133
2022/07/14	18:08:00		0.000	-9	-9	132	132
2022/07/14	18:10:00		0.000	-9	-9	132	132
2022/07/14	18:12:00		0.000	-9	-9	132	133
2022/07/14	18:14:00		0.000	-10	-9	132	132
2022/07/14	18:16:00		0.000	-10	-9	132	133
2022/07/14	18:18:00		0.000	-10	-9	132	132
2022/07/14	18:20:00		0.000	-10	-9	132	132
2022/07/14	18:22:00		0.000	-10	-9	132	132
2022/07/14	18:24:00		0.000	-10	-9	132	132
2022/07/14	18:26:00		0.000	-10	-9	131	132
2022/07/14	18:28:00		0.000	-9	-9	131	132
2022/07/14	18:30:00		0.000	-9	-9	131	132
2022/07/14	18:32:00		0.000	-9	-9	131	132
2022/07/14	18:34:00		0.000	-9	-9	131	132
2022/07/14	18:36:00		0.000	-9	-9	132	132
2022/07/14	18:38:00		0.000	-9	-9	131	132
2022/07/14	18:40:00		0.000	-10	-9	131	132
2022/07/14	18:42:00		0.000	-10	-9	131	131
2022/07/14	18:44:00		0.000	-10	-9	131	131
2022/07/14	18:46:00		0.000	-10	-9	131	131
2022/07/14	18:48:00		0.000	-10	-9	131	131
2022/07/14	18:50:00		0.000	-10	-9	131	131
2022/07/14	18:52:00		0.000	-9	-9	131	131
2022/07/14	18:54:00		0.000	-9	-9	131	131
2022/07/14	18:56:00		0.000	-9	-9	130	131
2022/07/14	18:58:00		0.000	-9	-9	130	131
2022/07/14	19:00:00		0.000	-9	-9	130	131
2022/07/14	19:02:00		0.000	-9	-9	130	130
2022/07/14	19:04:00		0.000	-9	-9	130	131
2022/07/14	19:06:00		0.000	-9	-9	130	131
2022/07/14	19:08:00		0.000	-10	-9	130	130
2022/07/14	19:10:00		0.000	-10	-9	130	130

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05	
		Tag	1		1	
		Unit	SCFM		Deg. F	
Date	Time	sec	MIN	MAX	MIN	MAX
2022/07/14	19:12:00	0.000	-9	-9	130	130
2022/07/14	19:14:00	0.000	-9	-9	130	130
2022/07/14	19:16:00	0.000	-9	-9	129	130
2022/07/14	19:18:00	0.000	-9	-9	129	130
2022/07/14	19:20:00	0.000	-9	-9	129	130
2022/07/14	19:22:00	0.000	-9	-9	129	129
2022/07/14	19:24:00	0.000	-9	-9	129	129
2022/07/14	19:26:00	0.000	-9	-9	129	129
2022/07/14	19:28:00	0.000	-9	-9	129	129
2022/07/14	19:30:00	0.000	-9	-9	129	129
2022/07/14	19:32:00	0.000	-9	-9	128	129
2022/07/14	19:34:00	0.000	-9	-9	128	129
2022/07/14	19:36:00	0.000	-9	-9	128	129
2022/07/14	19:38:00	0.000	-9	-9	128	128
2022/07/14	19:40:00	0.000	-9	-9	128	128
2022/07/14	19:42:00	0.000	-9	-9	128	128
2022/07/14	19:44:00	0.000	-9	-9	128	128
2022/07/14	19:46:00	0.000	-9	-9	128	128
2022/07/14	19:48:00	0.000	-9	-9	127	128
2022/07/14	19:50:00	0.000	-10	-9	127	128
2022/07/14	19:52:00	0.000	-10	-9	127	127
2022/07/14	19:54:00	0.000	-10	-9	127	127
2022/07/14	19:56:00	0.000	-10	-9	127	127
2022/07/14	19:58:00	0.000	-10	-9	127	127
2022/07/14	20:00:00	0.000	-10	-9	126	127
2022/07/14	20:02:00	0.000	-10	-9	126	127
2022/07/14	20:04:00	0.000	-10	-9	126	127
2022/07/14	20:06:00	0.000	-10	-9	126	126
2022/07/14	20:08:00	0.000	-10	-9	126	127
2022/07/14	20:10:00	0.000	-10	-9	126	126
2022/07/14	20:12:00	0.000	-10	-9	126	126
2022/07/14	20:14:00	0.000	-10	-9	126	126
2022/07/14	20:16:00	0.000	-10	-9	126	126
2022/07/14	20:18:00	0.000	-10	-9	125	126
2022/07/14	20:20:00	0.000	-10	-9	125	126
2022/07/14	20:22:00	0.000	-10	-10	125	125
2022/07/14	20:24:00	0.000	-10	-10	125	125
2022/07/14	20:26:00	0.000	-10	-10	125	125
2022/07/14	20:28:00	0.000	-10	-10	125	125
2022/07/14	20:30:00	0.000	-10	-10	125	125
2022/07/14	20:32:00	0.000	-10	-10	125	125
2022/07/14	20:34:00	0.000	-10	-10	125	125
2022/07/14	20:36:00	0.000	-10	-10	124	125
2022/07/14	20:38:00	0.000	-10	-10	124	125
2022/07/14	20:40:00	0.000	-10	-10	124	125
2022/07/14	20:42:00	0.000	-10	-10	123	124
2022/07/14	20:44:00	0.000	-10	-10	124	124
2022/07/14	20:46:00	0.000	-10	-10	123	124
2022/07/14	20:48:00	0.000	-10	-10	124	124
2022/07/14	20:50:00	0.000	-10	-10	123	124
2022/07/14	20:52:00	0.000	-10	-10	123	124
2022/07/14	20:54:00	0.000	-10	-10	123	124
2022/07/14	20:56:00	0.000	-10	-10	123	124
2022/07/14	20:58:00	0.000	-10	-10	123	124
2022/07/14	21:00:00	0.000	-10	-10	123	124
2022/07/14	21:02:00	0.000	-10	-10	123	124
2022/07/14	21:04:00	0.000	-10	-10	123	124
2022/07/14	21:06:00	0.000	-10	-10	123	124
2022/07/14	21:08:00	0.000	-10	-10	122	124
2022/07/14	21:10:00	0.000	-10	-10	123	124
2022/07/14	21:12:00	0.000	-10	-10	123	124
2022/07/14	21:14:00	0.000	-10	-10	123	123
2022/07/14	21:16:00	0.000	-10	-10	123	123
2022/07/14	21:18:00	0.000	-10	-10	122	124

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/14	21:20:00		0.000	-10	-10	122	124
2022/07/14	21:22:00		0.000	-10	-10	122	123
2022/07/14	21:24:00		0.000	-10	-10	122	123
2022/07/14	21:26:00		0.000	-10	-10	122	123
2022/07/14	21:28:00		0.000	-10	-10	122	123
2022/07/14	21:30:00		0.000	-10	-10	122	122
2022/07/14	21:32:00		0.000	-10	-10	122	123
2022/07/14	21:34:00		0.000	-10	-10	122	123
2022/07/14	21:36:00		0.000	-10	-10	122	123
2022/07/14	21:38:00		0.000	-10	-10	122	123
2022/07/14	21:40:00		0.000	-10	-10	122	123
2022/07/14	21:42:00		0.000	-10	-10	122	122
2022/07/14	21:44:00		0.000	-10	-10	122	123
2022/07/14	21:46:00		0.000	-10	-10	122	123
2022/07/14	21:48:00		0.000	-10	-10	122	122
2022/07/14	21:50:00		0.000	-10	-10	122	123
2022/07/14	21:52:00		0.000	-10	-10	122	123
2022/07/14	21:54:00		0.000	-10	-10	122	122
2022/07/14	21:56:00		0.000	-10	-10	122	123
2022/07/14	21:58:00		0.000	-10	-10	122	123
2022/07/14	22:00:00		0.000	-10	-10	122	123
2022/07/14	22:02:00		0.000	-10	-10	122	122
2022/07/14	22:04:00		0.000	-10	-10	122	123
2022/07/14	22:06:00		0.000	-10	-10	122	123
2022/07/14	22:08:00		0.000	-10	-10	122	123
2022/07/14	22:10:00		0.000	-10	-10	122	123
2022/07/14	22:12:00		0.000	-10	-10	122	122
2022/07/14	22:14:00		0.000	-10	-10	122	122
2022/07/14	22:16:00		0.000	-10	-10	122	122
2022/07/14	22:18:00		0.000	-10	-10	122	122
2022/07/14	22:20:00		0.000	-10	-10	122	122
2022/07/14	22:22:00		0.000	-10	-10	122	122
2022/07/14	22:24:00		0.000	-10	-10	122	122
2022/07/14	22:26:00		0.000	-10	-10	122	122
2022/07/14	22:28:00		0.000	-10	-10	122	122
2022/07/14	22:30:00		0.000	-10	-10	122	122
2022/07/14	22:32:00		0.000	-10	-10	122	122
2022/07/14	22:34:00		0.000	-10	-10	122	122
2022/07/14	22:36:00		0.000	-10	-10	122	122
2022/07/14	22:38:00		0.000	-10	-10	122	122
2022/07/14	22:40:00		0.000	-10	-10	122	122
2022/07/14	22:42:00		0.000	-10	-10	122	123
2022/07/14	22:44:00		0.000	-10	-10	122	122
2022/07/14	22:46:00		0.000	-10	-10	122	123
2022/07/14	22:48:00		0.000	-10	-10	122	122
2022/07/14	22:50:00		0.000	-10	-10	122	122
2022/07/14	22:52:00		0.000	-10	-10	122	122
2022/07/14	22:54:00		0.000	-10	-10	122	122
2022/07/14	22:56:00		0.000	-10	-10	122	122
2022/07/14	22:58:00		0.000	-10	-10	122	122
2022/07/14	23:00:00		0.000	-10	-10	122	122
2022/07/14	23:02:00		0.000	-10	-10	122	122
2022/07/14	23:04:00		0.000	-10	-10	122	122
2022/07/14	23:06:00		0.000	-10	-10	122	122
2022/07/14	23:08:00		0.000	-10	-10	122	122
2022/07/14	23:10:00		0.000	-10	-10	122	122
2022/07/14	23:12:00		0.000	-10	-10	122	122
2022/07/14	23:14:00		0.000	-10	-10	122	122
2022/07/14	23:16:00		0.000	-10	-10	122	122
2022/07/14	23:18:00		0.000	-10	-10	122	122
2022/07/14	23:20:00		0.000	-10	-10	122	122
2022/07/14	23:22:00		0.000	-10	-10	122	122
2022/07/14	23:24:00		0.000	-10	-10	122	122
2022/07/14	23:26:00		0.000	-10	-10	122	122

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		Ch.	CH02		CH05		
		Tag		1		1	
		Unit	SCFM		Deg. F		
Date	Time	sec	MIN	MAX	MIN	MAX	
2022/07/14	23:28:00		0.000	-10	-10	122	122
2022/07/14	23:30:00		0.000	-10	-10	122	123
2022/07/14	23:32:00		0.000	-10	-10	122	122
2022/07/14	23:34:00		0.000	-10	-10	122	123
2022/07/14	23:36:00		0.000	-10	-10	122	122
2022/07/14	23:38:00		0.000	-10	-10	122	122
2022/07/14	23:40:00		0.000	-10	-10	122	122
2022/07/14	23:42:00		0.000	-10	-10	122	122
2022/07/14	23:44:00		0.000	-10	-10	122	122
2022/07/14	23:46:00		0.000	-10	-10	122	122
2022/07/14	23:48:00		0.000	-10	-10	122	122
2022/07/14	23:50:00		0.000	-10	-10	122	122
2022/07/14	23:52:00		0.000	-10	-10	122	122
2022/07/14	23:54:00		0.000	-10	-10	122	122
2022/07/14	23:56:00		0.000	-10	-10	122	122
2022/07/14	23:58:00		0.000	-10	-10	122	122

REPUBLIC SERVICES

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

October 5, 2022

Submitted via E-mail

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

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

Dear Mr. Gove:

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

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

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

Sincerely,

Ox Mountain

Travis L Armstrong
General Manager

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

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

Attachment A
Special Waste Profile

Republic Services

18500 N. Allied Way, Phoenix, AZ 85054

SPECIAL WASTE DEPARTMENT DECISION

	Waste Profile # 42272213101	**Expiration Date** 9/20/2023	
I. Decision Request:	☑ **Initial** ☐ **Recertification** ☐ **Change**		
Disposal Facility: 4227 - Ox Mountain LF			
Generator Name: IQHQ ELCO YARDS LP			
Generator Site Address: 1401 MAIN ST			
City: REDWOOD CITY	**County:**	**State:** CA	**Zip:**
Name of Waste: SOIL WITH TPH			
Estimated Annual Volume: 1,000 Tons			

II. Special Waste Department Decision: ◉ **Approved** ○ **Rejected**

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

Problematic Special Waste according to Republic? ○ Yes ◉ No

If yes, which one?

Approved by Special Waste Review Committee? ○ Yes ○ No ◉ Not Applicable

Precautions, Conditions or Limitations on Approval

Special Waste Analyst Signature: Joseph M. Sorokach **Name (Printed):** Joseph Sorokach

Date: 9/22/2022

III. Facility Decision: ○ **Approved** ○ **Rejected**

Precautions, Conditions or Limitations on Approval

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

General Manager or Designee: _____ **Name (Printed):** _____

Date: 9/22/2022

DocuSign Envelope ID: 1700CC9D-9903-4A97-9221-94B6C99CFB36

Special Waste Profile

REPUBLIC SERVICES

Disposal Facility: 4227 Ox Mountain Landfill CA

Waste Profile #: 4227 22 13101

Sales Rep #:

I. Generator Information

Generator Name: IQHQ Elco Yards, LP

Generator Site Address: 1401 Main St

City: Redwood City County: San Mateo State: California Zip: 94063

State ID/Reg No: State Approval/Waste Code: NAICS #:

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

City: Solana Beach County: San Diego State: California Zip: 92075

Generator Contact Name: Kelley Gallese Email: kgallese@iqhqreit.com

Phone Number: 650-350-8801 Ext: Fax Number:

II. Billing Information

Bill To: MAG Trucking Inc. Contact Name: Debbie Ferrari

Billing Address: 3500 Enterprise Ave Email: dferrari@magtrucking.com

City: Hayward State: California Zip: 94545 Phone: 510-782-8801

III. Waste Stream Information

Name of Waste: Soil with TPH

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

Type of Waste: Pollution Control Waste Physical State: Solid Method of Shipment: Bulk

Estimated Volume: 1000 Volume Type: Tons

Frequency: One-time Event (single project) Disposal Consideration: Landfill

IV. Representative Sample Certification

☐ **No Sample Taken**

☑ **Sample Taken** **Type of Sample** Grab Sample

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent? ☑ **Yes** ☐ **No**

Sample Date: 9/12/22

Sample ID Numbers or SDS: SS-TANK01-08

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

Special Waste Profile

REPUBLIC SERVICES

V. Physical Characteristics of Waste

Characteristic Components (must equal 100%:)	% By Weight (out of 100% - ranges acceptable):
1. Soil	100
2.	
3.	
4.	
5.	

Color:	Odor (describe):	Does Waste Contain Free Liquids?	% Solids:	pH:	Flash Point:
Brown	None	☐ Yes ☑ No	100	NA	NA °F

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

RCRA Regulatory Questions

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

Republic Services Waste Handling Questions

1. Does this waste generate heat or react when contacted with water/moisture?	☐ Yes ☑ No
2. Does the waste contain sulfur or sulfur by-products?	☐ Yes ☑ No
3. Is this waste generated at a State or Federal Superfund cleanup site subject to regulation under CERCLA?	☐ Yes ☑ No
4a. Is this waste from a TSD facility, TSD-like facility or consolidator (i.e. multiple wastes/multiple generators)?	☐ Yes ☑ No

4b. If yes to the above question, please provide clarification.

Special Waste Profile

VI. Certification

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

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

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

Kelley Gallese	Director of Development	IQHQ Elco Yards, LP
Authorized Representative Name (Printed)	Title (Printed)	Company Name
DocuSigned by: Kelley Gallese C00E24FF89244FF...		9/20/2022
Representative Signature		Date

Attachment B
VOC Soil Analytical Report

McCampbell Analytical, Inc.
"When Quality Counts"

Analytical Report

WorkOrder: 2209583

Report Created for: Ramboll

2200 Powell Street, 7th Floor
Emeryville, CA 94608

Project Contact: Jason Kane
Project P.O.:
Project: 1690025294-004; Elco Yards

Project Received: 09/12/2022

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

Christine Askari
Project Manager

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Ramboll **WorkOrder:** 2209583

Project: 1690025294-004; Elco Yards

Glossary Abbreviation

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Ramboll **WorkOrder:** 2209583

Project: 1690025294-004; Elco Yards

Analytical Qualifiers

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

Quality Control Qualifiers

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Case Narrative

Client: Ramboll
Project: 1690025294-004; Elco Yards

Work Order: 2209583
September 14, 2022

Percent Moisture

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

[Moisture Weight (g)] / [Sample Wet Weight (g)] x 100

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3060A
Date Prepared:	09/13/2022	**Analytical Method:**	SW7199
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Hexavalent chromium by Alkaline Digestion and IC Analysis

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

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

Analyst(s): ND

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

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

Analyst(s): ND

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

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

Analyst(s): ND

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

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

Analyst(s): ND

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3060A
Date Prepared:	09/13/2022	**Analytical Method:**	SW7199
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Hexavalent chromium by Alkaline Digestion and IC Analysis

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

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

Analyst(s): ND

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

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

Analyst(s): ND

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

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

Analyst(s): ND

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

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

Analyst(s): ND

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	09/13/2022	**Analytical Method:**	SW8081A/8082
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

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

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

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

Analyst(s): CN

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	09/13/2022	**Analytical Method:**	SW8081A/8082
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

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

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

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

Analyst(s): CN

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	09/13/2022	**Analytical Method:**	SW8081A/8082
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

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

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

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

Analyst(s): SVE

(Cont.)

CA ELAP 1644 • NELAP 4033ORELAP

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	09/13/2022	**Analytical Method:**	SW8081A/8082
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

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

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

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

Analyst(s): CN

Analytical Comments: a2,c1,h7

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	09/13/2022	**Analytical Method:**	SW8081A/8082
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

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

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

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

Analyst(s): SVE

(Cont.)

CA ELAP 1644 • NELAP 4033ORELAP

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	09/13/2022	**Analytical Method:**	SW8081A/8082
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

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

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

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

Analyst(s): SVE

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	09/13/2022	**Analytical Method:**	SW8081A/8082
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

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

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

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

Analyst(s): SVE

(Cont.)

CA ELAP 1644 • NELAP 4033ORELAP

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	09/13/2022	**Analytical Method:**	SW8081A/8082
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

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

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

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

Analyst(s): CN

Analytical Comments: a2

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

Analyst(s): KF

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

Analyst(s): KF

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

Analyst(s): KF

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

Analyst(s): KF

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

Analyst(s): KF

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

Analyst(s): KF

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

Analyst(s): KF

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5030B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8260B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/kg

Volatile Organics

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

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

Analyst(s): KF

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

Analyst(s): MV

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

Analyst(s): MV

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	09/14/2022 16:03
Acenaphthylene	ND	0.0013	1	09/14/2022 16:03
Acetochlor	ND	0.25	1	09/14/2022 16:03
Anthracene	ND	0.0013	1	09/14/2022 16:03
Benzidine	ND	1.2	1	09/14/2022 16:03
Benzo (a) anthracene	ND	0.013	1	09/14/2022 16:03
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 16:03
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 16:03
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 16:03
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 16:03
Benzyl Alcohol	ND	1.2	1	09/14/2022 16:03
1,1-Biphenyl	ND	0.013	1	09/14/2022 16:03
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 16:03
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 16:03
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 16:03
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 16:03
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 16:03
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:03
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 16:03
4-Chloroaniline	ND	0.0025	1	09/14/2022 16:03
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 16:03
2-Chloronaphthalene	ND	0.25	1	09/14/2022 16:03
2-Chlorophenol	ND	0.013	1	09/14/2022 16:03
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 16:03
Chrysene	ND	0.0025	1	09/14/2022 16:03
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 16:03
Dibenzofuran	ND	0.0013	1	09/14/2022 16:03
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 16:03
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 16:03
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 16:03
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 16:03
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 16:03
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 16:03
Diethyl Phthalate	ND	0.013	1	09/14/2022 16:03
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 16:03
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 16:03
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 16:03

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

Analyst(s): MV

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

Analyst(s): MV

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

Analyst(s): MV

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0013	1	09/14/2022 17:25
Acenaphthylene	ND	0.0013	1	09/14/2022 17:25
Acetochlor	ND	0.25	1	09/14/2022 17:25
Anthracene	ND	0.0013	1	09/14/2022 17:25
Benzidine	ND	1.2	1	09/14/2022 17:25
Benzo (a) anthracene	ND	0.013	1	09/14/2022 17:25
Benzo (a) pyrene	ND	0.0025	1	09/14/2022 17:25
Benzo (b) fluoranthene	ND	0.0063	1	09/14/2022 17:25
Benzo (g,h,i) perylene	ND	0.0025	1	09/14/2022 17:25
Benzo (k) fluoranthene	ND	0.0013	1	09/14/2022 17:25
Benzyl Alcohol	ND	1.2	1	09/14/2022 17:25
1,1-Biphenyl	ND	0.013	1	09/14/2022 17:25
Bis (2-chloroethoxy) Methane	ND	0.25	1	09/14/2022 17:25
Bis (2-chloroethyl) Ether	ND	0.0013	1	09/14/2022 17:25
Bis (2-chloroisopropyl) Ether	ND	0.0025	1	09/14/2022 17:25
Bis (2-ethylhexyl) Adipate	ND	0.25	1	09/14/2022 17:25
Bis (2-ethylhexyl) Phthalate	ND	0.025	1	09/14/2022 17:25
4-Bromophenyl Phenyl Ether	ND	0.25	1	09/14/2022 17:25
Butylbenzyl Phthalate	ND	0.025	1	09/14/2022 17:25
4-Chloroaniline	ND	0.0025	1	09/14/2022 17:25
4-Chloro-3-methylphenol	ND	0.25	1	09/14/2022 17:25
2-Chloronaphthalene	ND	0.25	1	09/14/2022 17:25
2-Chlorophenol	ND	0.013	1	09/14/2022 17:25
4-Chlorophenyl Phenyl Ether	ND	0.25	1	09/14/2022 17:25
Chrysene	ND	0.0025	1	09/14/2022 17:25
Dibenzo (a,h) anthracene	ND	0.0025	1	09/14/2022 17:25
Dibenzofuran	ND	0.0013	1	09/14/2022 17:25
Di-n-butyl Phthalate	ND	0.013	1	09/14/2022 17:25
1,2-Dichlorobenzene	ND	0.25	1	09/14/2022 17:25
1,3-Dichlorobenzene	ND	0.25	1	09/14/2022 17:25
1,4-Dichlorobenzene	ND	0.25	1	09/14/2022 17:25
3,3-Dichlorobenzidine	ND	0.0025	1	09/14/2022 17:25
2,4-Dichlorophenol	ND	0.0025	1	09/14/2022 17:25
Diethyl Phthalate	ND	0.013	1	09/14/2022 17:25
2,4-Dimethylphenol	ND	0.25	1	09/14/2022 17:25
Dimethyl Phthalate	ND	0.0025	1	09/14/2022 17:25
4,6-Dinitro-2-methylphenol	ND	1.2	1	09/14/2022 17:25

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

Analyst(s): MV

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

Analyst(s): LAT

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B/3640A
Date Prepared:	09/13/2022-09/14/2022	**Analytical Method:**	SW8270C
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

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

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

Analyst(s): LAT

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3050B
Date Prepared:	09/12/2022	**Analytical Method:**	SW6020
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

CAM / CCR 17 Metals

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

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

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

Analyst(s): MIG

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3050B
Date Prepared:	09/12/2022	**Analytical Method:**	SW6020
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

CAM / CCR 17 Metals

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

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

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

Analyst(s): MIG

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3050B
Date Prepared:	09/12/2022	**Analytical Method:**	SW6020
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

CAM / CCR 17 Metals

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

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

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

Analyst(s): MIG

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3050B
Date Prepared:	09/12/2022	**Analytical Method:**	SW6020
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

CAM / CCR 17 Metals

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

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

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

Analyst(s): MIG

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3050B
Date Prepared:	09/12/2022	**Analytical Method:**	SW6020
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

CAM / CCR 17 Metals

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

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

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

Analyst(s): MIG

(Cont.)

CA ELAP 1644 • NELAP 4033ORELAP

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3050B
Date Prepared:	09/12/2022	**Analytical Method:**	SW6020
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

CAM / CCR 17 Metals

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

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

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

Analyst(s): MIG

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3050B
Date Prepared:	09/12/2022	**Analytical Method:**	SW6020
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

CAM / CCR 17 Metals

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

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

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

Analyst(s): WV

(Cont.)

CA ELAP 1644 • NELAP 4033ORELAP

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3050B
Date Prepared:	09/12/2022	**Analytical Method:**	SW6020
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

CAM / CCR 17 Metals

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

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

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

Analyst(s): MIG

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5035
Date Prepared:	09/12/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

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

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

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

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

Analyst(s): IA

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

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

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

Analyst(s): IA Analytical Comments: d7

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5035
Date Prepared:	09/12/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

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

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

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

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

Analyst(s): IA

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

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

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

Analyst(s): IA Analytical Comments: d7

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5035
Date Prepared:	09/12/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

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

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

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

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

Analyst(s): IA

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

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

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

Analyst(s): IA Analytical Comments: d7

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW5035
Date Prepared:	09/12/2022	**Analytical Method:**	SW8021B/8015Bm
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

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

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

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

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

Analyst(s): IA

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

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

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

Analyst(s): IA Analytical Comments: d7,d9

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	ASTM D2216
Date Prepared:	09/13/2022	**Analytical Method:**	SW8000
Project:	1690025294-004; Elco Yards	**Unit:**	wet wt%

Percent Moisture

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

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

Analyst(s): JRA

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

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

Analyst(s): JRA

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

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

Analyst(s): JRA

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

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

Analyst(s): JRA

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	ASTM D2216
Date Prepared:	09/13/2022	**Analytical Method:**	SW8000
Project:	1690025294-004; Elco Yards	**Unit:**	wet wt%

Percent Moisture

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

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

Analyst(s): JRA

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

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

Analyst(s): JRA

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

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

Analyst(s): JRA

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

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

Analyst(s): JRA

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8015B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-01	2209583-001A	Soil	09/12/2022 11:00	GC9a 09142264.D	253696

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**2.4**	2.0	1	09/15/2022 13:58
TPH-Motor Oil (C18-C36)	ND	10	1	09/15/2022 13:58

Surrogates	REC (%)	Limits	
C9	77	70-130	09/15/2022 13:58

Analyst(s): JIS Analytical Comments: e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-02	2209583-002A	Soil	09/12/2022 11:05	GC9a 09142258.D	253732

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	2.0	1	09/15/2022 12:02
TPH-Motor Oil (C18-C36)	ND	10	1	09/15/2022 12:02

Surrogates	REC (%)	Limits	
C9	80	70-130	09/15/2022 12:02

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SS-TANK01-03	2209583-003A	Soil	09/12/2022 11:10	GC9a 09142268.D	253732

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

Surrogates	REC (%)	Limits	
C9	72	70-130	09/15/2022 15:15

Analyst(s): JIS

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8015B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

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

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

Surrogates	REC (%)	Limits	
C9	83	70-130	09/14/2022 21:51

Analyst(s): JIS Analytical Comments: e2,e7

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

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

Surrogates	REC (%)	Limits	
C9	77	70-130	09/15/2022 14:37

Analyst(s): JIS

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

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

Surrogates	REC (%)	Limits	
C9	89	70-130	09/15/2022 16:30

Analyst(s): JIS

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Received:	09/12/2022 17:00	**Extraction Method:**	SW3550B
Date Prepared:	09/12/2022	**Analytical Method:**	SW8015B
Project:	1690025294-004; Elco Yards	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

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

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

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

Analyst(s): JIS

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

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

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

Analyst(s): JIS Analytical Comments: e2

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

QC Summary Report for SW7199 (Hexavalent chromium)

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Prepared:	09/13/2022	**BatchID:**	253809
Date Analyzed:	09/13/2022 - 09/14/2022	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC40	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	1690025294-004; Elco Yards	**Sample ID:**	MB/LCS/LCSD-253809

QC Summary Report for SW8081A/8082

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Prepared:	09/13/2022	**BatchID:**	253809
Date Analyzed:	09/13/2022 - 09/14/2022	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC40	**Analytical Method:**	SW8081A/8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	1690025294-004; Elco Yards	**Sample ID:**	MB/LCS/LCSD-253809

QC Summary Report for SW8081A/8082

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

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

QC Summary Report for SW8260B

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

QC Summary Report for SW8260B

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

QC Summary Report for SW8260B

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

QC Summary Report for SW8260B

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

QC Summary Report for SW8260B

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

QC Summary Report for SW8260B

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

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

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

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,4-Dinitrotoluene	0.048	0.057	0.062	78	92	60-130	16.6	30
2,6-Dinitrotoluene	0.048	0.055	0.062	77	88	60-130	14.3	30
Di-n-octyl Phthalate	1.2	1.2	1.25	96	98	60-130	2.63	30
1,2-Diphenylhydrazine	1.3	1.3	1.25	104	108	60-130	3.98	30
Fluoranthene	0.056	0.060	0.062	89	95	60-130	7.08	30
Fluorene	0.068	0.078	0.062	109	125	60-130	13.6	30
Hexachlorobenzene	0.059	0.062	0.062	94	99	60-130	4.59	30
Hexachlorobutadiene	0.068	0.069	0.062	109	110	60-130	1.56	30
Hexachlorocyclopentadiene	5.2	5.4	6.25	83	86	40-130	4.17	30
Hexachloroethane	0.058	0.059	0.062	93	94	60-130	1.02	30
Indeno (1,2,3-cd) pyrene	0.061	0.065	0.062	98	104	60-130	5.68	30
Isophorone	1.0	1.2	1.25	83	93	60-130	11.3	30
1-Methylnaphthalene	0.069	0.074	0.062	110	119	60-130	8.01	30
2-Methylnaphthalene	0.064	0.069	0.062	102	110	60-130	8.01	30
2-Methylphenol (o-Cresol)	1.1	1.1	1.25	84	90	60-130	6.69	30
3 & 4-Methylphenol (m,p-Cresol)	1.1	1.2	1.25	88	99	60-130	12.3	30
Naphthalene	0.058	0.063	0.062	94	100	60-130	6.94	30
2-Nitroaniline	6.6	7.5	6.25	105	120	60-130	13.2	30
3-Nitroaniline	3.9	3.9	6.25	63	62	30-130	1.20	30
4-Nitroaniline	4.8	5.3	6.25	76	86	60-130	11.2	30
Nitrobenzene	1.2	1.3	1.25	98	106	60-130	8.36	30
2-Nitrophenol	6.6	7.1	6.25	106	113	60-130	6.97	30
4-Nitrophenol	5.0	6.0	6.25	80	96	60-130	18.1	30
N-Nitrosodiphenylamine	1.1	1.2	1.25	90	97	60-130	7.18	30
N-Nitrosodi-n-propylamine	1.2	1.3	1.25	99	106	60-130	6.50	30
Pentachlorophenol	0.18	0.20	0.31	57	65	40-130	12.6	30
Phenanthrene	0.055	0.059	0.062	88	94	60-130	6.25	30
Phenol	0.22	0.23	0.25	86	94	60-130	8.65	30
Pyrene	0.062	0.068	0.062	99	108	60-130	8.91	30
Pyridine	0.65	0.64	1.25	52	51	30-130	2.10	30
1,2,4-Trichlorobenzene	1.2	1.2	1.25	92	99	60-130	6.70	30
2,4,5-Trichlorophenol	0.049	0.049	0.062	78	79	60-130	0.236	30
2,4,6-Trichlorophenol	0.047	0.053	0.062	76	85	60-130	11.9	30
Surrogate Recovery								
2-Fluorobiphenyl	1.2	1.3	1.25	96	100	60-130	4.45	30
4-Terphenyl-d14	1.2	1.3	1.25	100	102	50-130	2.69	30

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

QC Summary Report for Metals

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

QC Summary Report for Metals

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Prepared:	09/12/2022	**BatchID:**	253735
Date Analyzed:	09/13/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	1690025294-004; Elco Yards	**Sample ID:**	MB/LCS/LCSD-253735 2209583-007AMS/MSD 2209583-007APDS

QC Summary Report for Metals

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Prepared:	09/12/2022	**BatchID:**	253735
Date Analyzed:	09/13/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	1690025294-004; Elco Yards	**Sample ID:**	MB/LCS/LCSD-253735 2209583-007AMS/MSD 2209583-007APDS

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	51	50	50	102	101	75-125	1.08	20
Arsenic	51	50	50	102	99	75-125	2.32	20
Barium	500	480	500	100	97	75-125	3.55	20
Beryllium	50	49	50	101	98	75-125	2.32	20
Cadmium	50	49	50	101	97	75-125	3.52	20
Chromium	50	49	50	100	99	75-125	1.52	20
Cobalt	51	49	50	101	98	75-125	3.25	20
Copper	53	51	50	105	102	75-125	3.07	20
Lead	50	48	50	100	97	75-125	3.26	20
Mercury	1.3	1.3	1.25	101	102	75-125	1.10	20
Molybdenum	51	51	50	103	101	75-125	1.41	20
Nickel	52	50	50	103	100	75-125	3.23	20
Selenium	51	51	50	102	102	75-125	0.320	20
Silver	51	49	50	102	98	75-125	3.20	20
Thallium	49	47	50	97	94	75-125	3.24	20
Vanadium	50	49	50	99	99	75-125	0.619	20
Zinc	520	500	500	103	100	75-125	3.12	20
Surrogate Recovery								
Terbium	540	520	500	108	103	70-130	4.23	20

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Prepared:	09/12/2022	**BatchID:**	253735
Date Analyzed:	09/13/2022	**Extraction Method:**	SW3050B
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	1690025294-004; Elco Yards	**Sample ID:**	MB/LCS/LCSD-253735 2209583-007AMS/MSD 2209583-007APDS

QC Summary Report for Metals

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

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

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

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

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.55	1.0	-	-	-
MTBE	ND	0.0026	0.050	-	-	-
Benzene	ND	0.0018	0.0050	-	-	-
Toluene	ND	0.0022	0.0050	-	-	-
Ethylbenzene	ND	0.0015	0.0050	-	-	-
m,p-Xylene	ND	0.0026	0.010	-	-	-
o-Xylene	ND	0.00098	0.0050	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.090			0.1	90	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.54	0.55	0.60	90	92	82-118	2.87	20
MTBE	0.089	0.090	0.10	89	90	61-119	0.443	20
Benzene	0.092	0.095	0.10	92	95	77-128	3.65	20
Toluene	0.093	0.096	0.10	93	96	74-132	3.59	20
Ethylbenzene	0.095	0.099	0.10	95	99	84-127	3.73	20
m,p-Xylene	0.19	0.20	0.20	95	98	80-120	3.11	20
o-Xylene	0.096	0.10	0.10	96	100	80-120	3.16	20
Surrogate Recovery								
2-Fluorotoluene	0.087	0.092	0.10	87	92	75-134	5.19	20

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Prepared:	09/13/2022	**BatchID:**	253831
Date Analyzed:	09/14/2022	**Extraction Method:**	ASTM D2216
Instrument:	WetChem	**Analytical Method:**	SW8000
Matrix:	Soil	**Unit:**	wet wt%
Project:	1690025294-004; Elco Yards	**Sample ID:**	MB-253831 2209583-002A

QC Summary Report for Percent Moisture

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Prepared:	09/12/2022	**BatchID:**	253696
Date Analyzed:	09/12/2022	**Extraction Method:**	SW3550B
Instrument:	GC11A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1690025294-004; Elco Yards	**Sample ID:**	MB/LCS/LCSD-253696

QC Report for SW8015B w/out SG Clean-Up

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

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

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Ramboll	**WorkOrder:**	2209583
Date Prepared:	09/12/2022	**BatchID:**	253732
Date Analyzed:	09/13/2022 - 09/15/2022	**Extraction Method:**	SW3550B
Instrument:	GC11B, GC9a	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	1690025294-004; Elco Yards	**Sample ID:**	MB/LCS/LCSD-253732 2209583-002AMS/MSD

QC Report for SW8015B w/out SG Clean-Up

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

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

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

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2209583 **ClientCode: ENVE**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☐ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☐ Excel

Report to:
Jason Kane
Ramboll
2200 Powell Street, 7th Floor
Emeryville, CA 94608
(916) 390-4136 FAX: (510) 655-9517

Email: jpkane@ramboll.com
cc/3rd Party: twinger@ramboll.com;
PO:
Project: 1690025294-004; Elco Yards

Bill to:
Ramboll
2200 Powell Street, 7th Floor
Emeryville, CA 94608
US169_vendor@ramboll.com

Requested TATs: **1 day; 2 days; 3 days;**
Date Received: **09/12/2022**
Date Logged: **09/12/2022**

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

Test Legend:

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

Project Manager: Angela Rydelius **Prepared by: Lilly Ortiz**

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A contain testgroup Multi Range_S.

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

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

Project: 1690025294-004; Elco Yards
Comments: 8260 NODIL-Only charge $200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup should be charged $75. ESL added to OCPs + CARB Cr6 &

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

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

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

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

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

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

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

Project: 1690025294-004; Elco Yards
Comments: 8260 NODIL-Only charge $200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup should be charged $75. ESL added to OCPs + CARB Cr6 &

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

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

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

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

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

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

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

Project: 1690025294-004; Elco Yards
Comments: 8260 NODIL-Only charge $200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

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

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

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

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

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

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

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

Project: 1690025294-004; Elco Yards
Comments: 8260 NODIL-Only charge $200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

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

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

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

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

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

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

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

Project: 1690025294-004; Elco Yards
Comments: 8260 NODIL-Only charge $200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup should be charged $75. ESL added to OCPs + CARB Cr6 &

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

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

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

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

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

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

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

Project: 1690025294-004; Elco Yards
Comments: 8260 NODIL-Only charge $200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

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

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

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

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

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

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

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

Project: 1690025294-004; Elco Yards
Comments: 8260 NODIL-Only charge $200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup should be charged $75. ESL added to OCPs + CARB Cr6 &

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

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

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

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

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

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

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

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

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

Project: 1690025294-004; Elco Yards
Comments: 8260 NODIL-Only charge $200 for samples that need more than one DF reported. TPH WSG samples that need extra cleanup

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

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

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

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

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

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

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

2209583

RAMBOLL

CHAIN-of-CUSTODY

PAGE 1 of 1

PROJECT NAME / FACILITY ID: Elco Yards
FIELD PERSON: Tom Winger
PROJECT NUMBER: 1690025294-004
DATE: 9/12/2022
PROJECT MANAGER: Jasonkane
PROJECT LOCATION: Redwood City, CA
LABORATORY: McCampbell
IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #: WO#:

SAMPLER: Tom Winger
SIGNATURE:

SAMPLE I.D. NUMBER	YEAR 2022 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: VOCs (8260B)	TPH-g/d/mo (8015)	CAM17 metals (6010)	OCPs+PCBs ESLs (8081/8082)	SVOCs -low level (8270C) ESLs	Moisture NOA, CARB 435	TTLC Cr 6	Extract+Hold STLC +TCLP	COMMENTS
SS-TANK01-01	9/12	1100	–	S	1	U	No	X	X	X	X	X	X	X	X	WO summary + report to:
SS-TANK01-02		1105						X	X	X	X	X	X	X	X	Twinger
SS-TANK01-03		1110						X	X	X	X	X	X	X	X	JPkane @rambll.com
SS-TANK01-04		1115						X	X	X	X	X	X	X	X	
SS-TANK01-05		1120						X	X	X	X	X	X	X	X	
SS-TANK01-06		1125						X	X	X	X	X	X	X	X	
SS-TANK01-07		1130						X	X	X	X	X	X	X	X	
SS-TANK01-08	9/12	1135	–	S	1	U	No	X	X	X	X	X	X	X	X	
TOTAL	X	X	X													

H = HCL; N = HNO3; S = H_2SO_4; U = UNKNOWN; NO = NONE; O = OTHER

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
Tom Winger	9/12/2022 @ 1435	(COMPANY): RAMBOLL	9/12/22 1435
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
	9/12/22 1700	(COMPANY):	9/12/22 1700
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	3.2°C

TURNAROUND TIME (CIRCLE ONE): SAMEDAY; 24 HOURS – CARB 5VOCs; 48 HOURS – CR6/Moisture; 72 HOURS – Others; 5 DAYS; NORMAL

SAMPLE INTEGRITY: INTACT: Y N Temp

IF SEALED, SEAL INTEGRITY: INTACT: Y N

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

2209583

RAMBOLL

CHAIN-of-CUSTODY

PAGE 1 of 1

PROJECT NAME / FACILITY ID: Elco Yards
FIELD PERSON: Tom Winger
PROJECT NUMBER: 1690025294-004
DATE: 9/12/2022
PROJECT MANAGER: Jasonkane
PROJECT LOCATION: Redwood City, CA
LABORATORY: McCampbell
IS THIS A UST PROJECT OR IS EDF REQUIRED? Y N IF YES, GLOBAL ID #:
WO#:

SAMPLER: Tom Winger
SIGNATURE:

SAMPLE I.D. NUMBER	YEAR 2022 SAMPLE DATE	SAMPLE TIME	SAMPLE DEPTH	MATRIX (S) SOIL (G) GAS (W) WATER	NUMBER OF CONTAINERS	FILTERED/UNFILTERED (F/U)	PRESERVATION (SEE KEY)	ANALYSIS REQUIRED: VOCs (8260B)	TPH-g/d/mo (8015)	CAM17 metals (6010)	oPCBs + PCBs (8081/8082)	sVOCs - low level (8270C)			Extract + hold STLC + TCLP	COMMENTS
SS-TANK01-01	9/12	1100	-	S	1	U	No	X	X	X	X	X			X	WO Summary + report to:
SS-TANK01-02		1105						X	X	X	X	X			X	Twinger,
SS-TANK01-03		1110						X	X	X	X	X			X	JPkane @ramboll.com
SS-TANK01-04		1115						X	X	X	X	X			X	
SS-TANK01-05		1120						X	X	X	X	X			X	
SS-TANK01-06		1125						X	X	X	X	X			X	
SS-TANK01-07		1130						X	X	X	X	X			X	
SS-TANK01-08	9/12	1135	-	S	1	U	No	X	X	X	X	X			X	
TOTAL	X	X	X													

H = HCL; N = HNO3; S = H2SO4; U = UNKNOWN; NO = NONE; O = OTHER

RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
	9/12/2022 @ 1435	(COMPANY): MAI	9/12/22 1435
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
	9/12/22 1700	(COMPANY):	1700 9/12/22
RELINQUISHED BY:	TIME/DATE:	RECEIVED BY:	TIME/DATE:
		(COMPANY):	3.2°C

TURNAROUND TIME (CIRCLE ONE): SAMEDAY, 24 HOURS, 48 HOURS, 72 HOURS, 5 DAYS, NORMAL

SAMPLE INTEGRITY — INTACT: Y N Temp

IF SEALED, SEAL INTEGRITY — INTACT: Y N

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

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

WorkOrder №: 2209583 Matrix: Soil
Carrier: Benjamin Yslas (MAI Courier)

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

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑

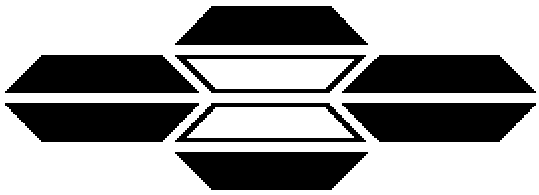
Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 3.2°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA	☑
UCMR Samples:						
pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:



ASBESTOS TEM LABORATORIES, INC.

CARB Method 435
Polarized Light Microscopy
Analytical Report

Laboratory Job # 299-01020

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

ASBESTOS TEM LABORATORIES, INC

CA ELAP
Lab No. 1866

NVLAP TESTING
NVLAP Lab Code: 101891-0
Oakland, CA

Sep/15/2022

Lilly Ortiz
McCampbell Analytical
1534 Willow Pass Road
Pittsburg, CA 94565

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

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

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

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

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

Sincerely Yours,

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

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

POLARIZED LIGHT MICROSCOPY
CARB 435 ANALYTICAL REPORT

Contact: Lilly Ortiz

Address: McCampbell Analytical
1534 Willow Pass Road
Pittsburg, CA 94565

Samples Submitted: 8

Samples Analyzed: 8

Job Site / No. Elco Yards
2209583

Report No. **380524**
Date Submitted: Sep-14-22
Date Reported: Sep-15-22

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

QC Reviewer Jo Ann Hueto

Analyst Etienne Fang

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

SUB CHAIN-OF-CUSTODY RECORD

RUSH

WorkOrder: 2209583 **ClientCode:** ENVE **EDF:** NO

☑ EQuIS

Subcontractor:
Asbestos TEM Laboratories
3431 Ettie Street

Oakland, CA 94608
TEL: (510) 704-8930 FAX: (510) 704-8429

QC Level: LEVEL 2
Project Name: Elco Yards
Project Number: 2209583

10 DAY TAT

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

Test Legend:

1	Asbestos, 435 CARB 400 TEM	2		3	
4		5		6	

Comments: **PLEASE USE 'CLIENT ID' AS THE SAMPLE ID AND EMAIL ASAP!**
PLEASE REPORT BY THURSDAY 9/15/22.

SEP 14 '22 10:05AM

Please email results to Lilly Ortiz at subdata@mccampbell.com upon completion.

	Date/Time		Date/Time
Relinquished by:	9/14/22	**Received by:**	
Relinquished by:		**Received by:**	

TETRA TECH

June 7, 2022

Mr. Raymond Salalila
Air Quality Specialist
Compliance and Enforcement Division
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105

Re: Ox Mountain Sanitary Landfill, Half Moon Bay, California – Facility Number A2266
Request for Limited Exemption (for Construction Activities) from Regulation 8, Rule 34 (Solid Waste Disposal Sites)
Section 117 (117.1 through 117.6) (Gas Collection and System Components)
Section 118 (Limited Exemption, Construction Activities)

Dear Mr. Salalila:

On behalf of Browning-Ferris Industries of California, Inc. (BFIC), Tetra Tech is submitting this letter to request a limited exemption from the requirements of the Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34 (8-34) during gas collection and control system (GCCS) improvement activities at the Ox Mountain Sanitary Landfill (Ox Mountain). This notification is being submitted pursuant to 8-34, Section 118, "Limited Exemptions for Construction Activities."

BAAQMD Reg 8-34-117 provides for the limited exemption from 8-34-301.1, 301.2, and 305 when new wells are being connected to the gas GCCS. Specifically, it says: "*The requirements of Sections 8-34-301.1, 301.2, and 305 shall not apply to individual landfill gas collection system components that must be temporarily shut down in order to repair the components, to connect new landfill gas collection system components to the existing system…*"

Similarly, 8-34-118 provides for a limited exemption from 8-34-305 from "*The requirements of Sections 8-34-303 shall not apply to the working face of the landfill or to areas of the landfill surface where the landfill cover material has been removed and refuse has been exposed for the express purpose of installing, expanding, replacing, or repairing components of the landfill gas, leachate, or gas condensate collection and removal systems…*" Since 8-34-117 and 118 allow for the limited exemptions from 8-34-301.1, 301.2 and 305, we are seeking exemption from these Sections (8-34-117 and 118).

Ox Mountain will be conducting fill operations on the western slope of the landfill in the area shown on the attached figure. Operations will require adjustments to the GCCS. As waste is placed in the west cover area, GCCS components and interim cover will be moved from the path of the fill operations in a phased, as needed approach. Operations will fill from the bench at the western extent of fill back at a 2.5 to 1 slope until reaching the current deck elevation. The wells in the area will be raised and reconnect to the GCCS after filling operations are completed. No landfill gas (LFG) extraction wells are planned to be decommissioned or installed during this

Tetra Tech
7600 Dublin Boulevard, Suite 200, Dublin, CA 94568
Tel 877.633.5520 Fax 877.845.1456 tetratech.com

construction event and no more than five LFG extraction wells are anticipated to be taken offline at any one time. Any major changes to this Construction Plan will be submitted to the BAAQMD in an amendment to this submittal.

This letter also includes the BAAQMD-required Construction Plan for the proposed work. The Plan contains information required pursuant to 8-34-118.1 and includes:

- Description of actions being taken;
- Description of landfill areas affected;
- Description of LFG components affected;
- Ox Mountain 2022 Sliver Fill Maps showing the above area and affected components;
- Reason(s) requiring the action;
- Construction schedule; and
- Description of air quality mitigation measures planned.

No significant interruption of the current site LFG extraction and control operations is anticipated due to the work. The construction crew will mobilize to the site on or around June 14, 2022. BFIC personnel and/or other subcontractor personnel will observe and record construction activities on behalf of BFIC. Construction activities are anticipated to conclude by August 31, 2022. The offline and online dates and times for the vertical LFG extraction wells and horizontal collector will be recorded, pursuant to requirements in 8-34-117.6 and 8-34-118.9. This is outlined in the attached Construction Plan.

Unless notified otherwise, BFIC will proceed in accordance with the attached Construction Plan and deems approval of this submittal by the BAAQMD as consent to take necessary action to ensure compliance with regulations, which may include taking additional wells offline for an extended period of time pursuant to Regulation 8, Rule 34, Section 118.

If you have any questions, please do not hesitate to contact Kendra Kent at (520) 526-7270. Thank you for your consideration.

Sincerely,

TETRA TECH

Nat Israel
Compliance Specialist

Kendra Kent
Senior Compliance Specialist

Enclosure: BAAQMD Regulation 8, Rule 34, Section 118 Construction Plan

cc: Ben Wade, BFIC
Travis Armstrong, BFIC
Josh Mills, BFIC
Sami Ayass, Tetra Tech
Rob Newbrough, Tetra Tech
Kevin Cordes, BAAQMD

BAAQMD RULE 8-34-118 CONSTRUCTION PLAN
OX MOUNTAIN SANITARY LANDFILL
JUNE 14, 2022 THROUGH AUGUST 31, 2022

Introduction

This Construction Plan is being submitted pursuant to the Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34, Section 118: Limited Exemptions for Construction Activities for an exemption from the following BAAQMD Regulation 8, Rule 34 (8-34):

- Section 117 (117.1 through 117.6); and
- Section 118.

To obtain the exemptions from BAAQMD Regulation 8-34 (various Sections), the operator shall submit a construction plan in writing to the Air Pollution Control Officer (APCO) prior to beginning any construction activities. 8-34-117 provides for the limited exemption from 8-34-301.1, 301.2 and 305 when new wells are being connected to the gas collection and control system (GCCS). Specifically, it says: "*The requirements of Sections 8-34-301.1, 301.2, and 305 shall not apply to individual landfill gas collection system components that must be temporarily shut down in order to repair the components, to connect new landfill gas collection system components to the existing system…*"

Similarly, 8-34-118 provides for a limited exemption from 8-34-305 from "*The requirements of Sections 8-34- 303 shall not apply to the working face of the landfill or to areas of the landfill surface where the landfill cover material has been removed and refuse has been exposed for the express purpose of installing, expanding, replacing, or repairing components of the landfill gas, leachate, or gas condensate collection and removal systems…*" Since 8-34-117 and 118 allow for the limited exemptions from 8-34-301.1, 301.2 and 305 we are seeking exemption from these Sections (8-34-117 and 118).

BAAQMD Regulation 8-34-303 requires maintaining the concentration of organic compounds and methane below 500 parts per million by volume (ppmv) at all points on the landfill surface. Section 118 provides an exemption from the surface emission standard for *"….areas of the landfill surface where the landfill cover material has been removed and refuse has been exposed for the express purpose of installing, expanding, replacing, or repairing components of the landfill gas, leachate, or gas condensate collection and removal systems."*

Pursuant to Regulation 8, Rule 34, Section 118.1 (subsections 1.1 through 1.7), this Construction Plan includes:

- Description of actions being taken;
- Description of landfill areas affected;
- Description of the LFG components affected;
- Map showing the affected areas and components;
- Reason(s) requiring the action;
- Construction schedule; and
- Description of air quality mitigation measures planned.

Additionally, pursuant to Regulation 8, Rule 34 Section 117 (subsections 1 through 6), this Plan addresses the following on an as-needed basis:

- List of GCCS components with planned repairs to maintain compliance;
- New GCCS components installed as required to maintain compliance;

- Other construction activities, in which 8-34-118.1 through 118.9 must be met;
- Number of LFG extraction wells anticipated to be taken offline, not to exceed five or 10 percent of the GCCS concurrently, unless the operator has received prior written approval from the APCO;
- Confirmation that no wells are planned to be disconnected from a vacuum source for longer than 24 consecutive hours, unless the operator has received prior written approval from the APCO; and
- Well disconnection and installation records.

Section 118.1.1: Actions Being Taken

Ox Mountain will be conducting fill operations on the western slope of the landfill as shown in the attached Ox-Sliver Fill for Additional CRA" in the attachments. GCCS components and interim cover will be temporarily removed in front of fill operations. Temporary removal will occur in a phased, as needed approach. No LFG extraction wells are planned to be decommissioned or installed during this construction event and no more than five LFG extraction wells are anticipated to be taken offline at any one time. The general planned phased approach of the fill operation and the GCCS components affected are described below:

Phase 1 –

LFG extraction wells EW2025, EW2019, EW2105, and EW1908 will be taken offline in preparation for fill operations. HC126 will be in the vicinity of soil stripping operations and may be affected by oxygen infiltration. If HC126 is brought offline, the offline well count will be five. Soil stripping and filling operations will begin once the necessary GCCS components are taken offline in the Phase 1 area shown in the attachment provided.

Phase 2 –

LFG extraction wells EW2105 and EW1908 will be reconnected to vacuum. If HC126 was taken offline it will be returned online. LFG extraction wells EW1910, EW1909, and EW2027 will be taken offline to complete the soil stripping and filling operations for Phase 2 shown in the attachment provided.

Phase 3 –

LFG extraction wells EW1909 and EW2027 will be reconnected to vacuum. The soil stripping and filling operations will take place in the Phase 3 area shown in the attachment provided. Once all fill operations have concluded EW1910, EW2019, and EW2025 will be reconnected.

For each of these phases, Operations will fill from the bench at the western extent of fill back at a 2.5 to 1 slope until reaching current deck elevation. The wells noted will be raised and reconnect to the GCCS after filling operations is completed. No LFG extraction wells are planned to be decommissioned nor installed during this construction event. No more than five LFG extraction wells are anticipated to be taken offline at any one time as outlined above. Any major changes to this Construction Plan will be submitted to the BAAQMD in an amendment to this submittal.

Sections 118.1.2 and 118.1.4: Affected Landfill Areas

The construction activities will occur allowing the western slope shown on the drawing included with this Construction Plan. Cover soil removal and fill operations will occur in three separate phases as described above. A detailed timeline of when each Phase will occur is included below.

Section 118.1.3: Affected LFG Components

It is anticipated that the construction will have no significant impact on the routine continuous operation of the existing GCCS, pursuant to 8-34-301.1. LFG extraction wells within the radius of influence (ROI) of planned fill operations may be temporarily disconnected on an as-needed basis, pursuant to 8-34-117. Isolation valves installed within the existing GCCS piping network will be used to minimize the number of existing LFG extraction wells offline during connection of the new lateral piping and vertical LFG extraction wells to the existing GCCS. Refer to Sections 116, 117.4, 117.5, and 117.6 for additional details.

BFIC and/or other subcontractor personnel on behalf of BFIC will observe, track, and record construction activities and will record information on the vertical LFG extraction wells and horizontal collectors to be temporarily disconnected. All wellfield startup, shutdown, and malfunction (SSM) events will be recorded pursuant to 8-34-501.

Section 118.1.5: Reasons for Actions

The proposed construction work is intended to increase the space available for fill operations. By increasing the slope of the fill to 2.5 to 1, Ox Mountain can save air pace for future filling operations.

Section 118.1.6: Construction Schedule

The anticipated construction period will commence on or around June 14, 2022 and conclude by August 31, 2022 and is summarized in the table below. Any significant changes or delay to the proposed schedule will be submitted to the BAAQMD as an amendment to this 118 Exemption Request.

Table 1 - Preliminary Construction Schedule

Task	Project Week and Duration
Mobilize crew, equipment, and materials to site	June 14, 2022 through June 15, 2022
Disconnect initial GCCS components	June 15, 2022 through June 27, 2022
Phase 1 - As-Needed Interim Cover Removal and Filling Operations	June 27, 2022 through July 15, 2022
Phase 2 - As-Needed Interim Cover Removal and Filling Operations	July 15, 2022 through July 29, 2022
Phase 3 - As-Needed Interim Cover Removal and Filling Operations	July 29, 2022 through August 15, 2022
Reconnect remaining GCCS components	August 15, 2022 through August 29, 2022
Clean-up and demobilize crew and materials	August 29, 2022 through August 31, 2022

Section 118.1.7: Air Quality Mitigation Measures

Emissions of raw LFG will be minimized during construction. Minimal interruption of the overall site LFG extraction and control operations is anticipated during the work. Air quality mitigation will be provided during all the work described above.

Ox Mountain does not accept friable asbestos, and the disturbance of asbestos is not anticipated during this construction event.

Due to the minimal amount of excavation planned for this work, air quality impacts are also anticipated to be minimal. Air quality mitigation will be provided during the following work tasks:

- Removal of interim cover;
- Reinstallation of the lateral piping;

During excavation through waste and soil cover, air emissions will be controlled by implementing the following measures:

- Minimizing the installation time for new lateral piping and vertical LFG extraction wells and disconnection time for the well decommissioning events;
- Minimizing the quantity of open trench excavations at any one time;

- Covering excavated refuse immediately, and relocating it to the active waste disposal area within 24 hours or as soon as possible based on site operations; and
- Not leaving excavations open overnight or for over eight hours.

During connection of the vertical LFG extraction wells to the associated piping, air emissions will be controlled by implementing the following measures:

- Capping or blind flanging of pipe and collector openings, which will remain sealed until time of connection to a vacuum source;
- Using isolation valves, where possible, when making connections into the existing GCCS piping network;
- Minimizing the disconnection time of the well during the decommissioning events;
- Minimizing the amount of open pipe during the installation of piping, by using flange joints and flexible couplings; and
- Ensuring that the Republic Standard Operation Procedures (SOP) are followed and that all activities are performed in compliance with applicable regulations by stationing construction quality assurance (CQA) personnel near the construction area to observe and record construction activities.

Section 117.1: Gas Collection System Components Repairs

As outlined in this Construction Plan, no specific repairs are anticipated during this construction event. If any major repairs are required, an amendment to this Construction Plan will be submitted to the BAAQMD.

Section 117.2: Gas Collection System New Components

As outlined in this Construction Plan, no vertical LFG extraction wells or horizontal collectors are anticipated to be installed or decommissioned. If there are any major changes a list of the affected wells will be provided to the BAAQMD in an addendum to this submittal.

Section 117.3 Gas Collection System Additional Construction Activities

Existing LFG extraction wells EW2025, EW2019, EW2105, EW1908, EW1910, EW1909, EW2027, and potentially HC126 will be remoted and/or raised. This work is not associated with an installation of any new extraction wells.

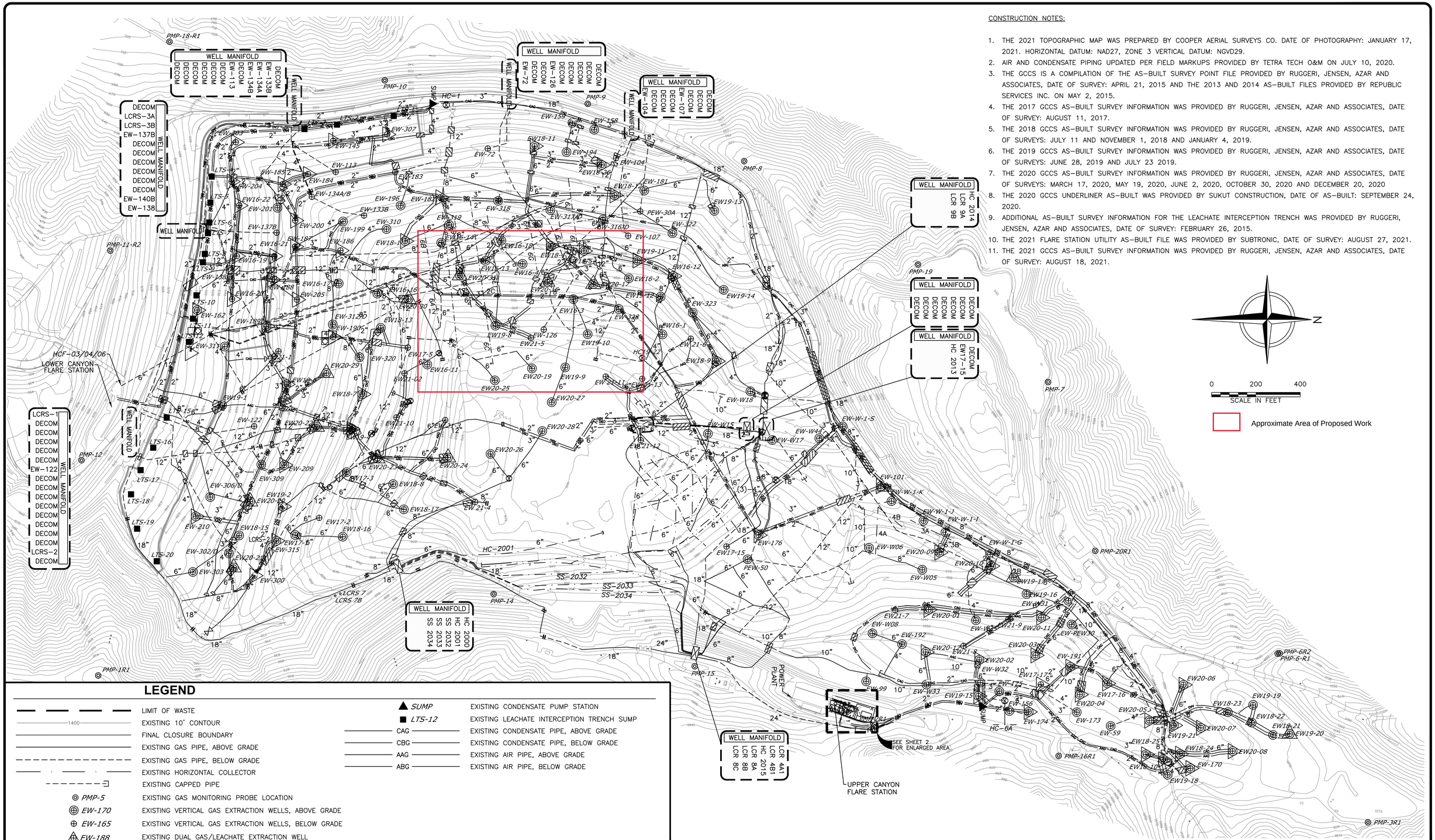
Sections 117.4, 117.5 and 117.6: Gas Collection System Components Offline

During the construction outlined in this Construction Plan, wells EW2025, EW2019, EW2105, EW1908, EW1910, EW1909, EW2027, and potential HC126 will need to be taken offline temporarily and their SSMs will be recorded pursuant to 8-34-117 and 8-34-501. Records of the wellfield SSM events will be included in the next Semi-Annual Report. Any major changes to the wells listed below will be provided to the BAAQMD in an addendum to this submittal.

Attachment: Ox Mountain Landfill 2022 Sliver Fill Map

ATTACHMENT

OX MOUNTAIN LANDFILL 2022 SLIVER FILL MAP



CONSTRUCTION NOTES:

1. THE 2021 TOPOGRAPHIC MAP WAS PREPARED BY COOPER AERIAL SURVEYS CO. DATE OF PHOTOGRAPHY: JANUARY 17, 2021. HORIZONTAL DATUM: NAD27, ZONE 3 VERTICAL DATUM: NGVD29.
2. AIR AND CONDENSATE PIPING UPDATED PER FIELD MARKUPS PROVIDED BY TETRA TECH O&M ON JULY 10, 2020.
3. THE GCCS IS A COMPILATION OF THE AS-BUILT SURVEY POINT FILE PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: APRIL 21, 2015 AND THE 2013 AND 2014 AS-BUILT FILES PROVIDED BY REPUBLIC SERVICES INC. ON MAY 2, 2015.
4. THE 2017 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 11, 2017.
5. THE 2018 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JULY 11 AND NOVEMBER 1, 2018 AND JANUARY 4, 2019.
6. THE 2019 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: JUNE 28, 2019 AND JULY 23 2019.
7. THE 2020 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEYS: MARCH 17, 2020, MAY 19, 2020, JUNE 2, 2020, OCTOBER 30, 2020 AND DECEMBER 20, 2020
8. THE 2020 GCCS UNDERLINER AS-BUILT WAS PROVIDED BY SUKUT CONSTRUCTION, DATE OF AS-BUILT: SEPTEMBER 24, 2020.
9. ADDITIONAL AS-BUILT SURVEY INFORMATION FOR THE LEACHATE INTERCEPTION TRENCH WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: FEBRUARY 26, 2015.
10. THE 2021 FLARE STATION UTILITY AS-BUILT FILE WAS PROVIDED BY SUBTRONIC, DATE OF SURVEY: AUGUST 27, 2021.
11. THE 2021 GCCS AS-BUILT SURVEY INFORMATION WAS PROVIDED BY RUGGERI, JENSEN, AZAR AND ASSOCIATES, DATE OF SURVEY: AUGUST 18, 2021.

LEGEND

	LIMIT OF WASTE
1400	EXISTING 10' CONTOUR
	FINAL CLOSURE BOUNDARY
	EXISTING GAS PIPE, ABOVE GRADE
	EXISTING GAS PIPE, BELOW GRADE
	EXISTING HORIZONTAL COLLECTOR
	EXISTING CAPPED PIPE
PMP-5	EXISTING GAS MONITORING PROBE LOCATION
EW-170	EXISTING VERTICAL GAS EXTRACTION WELLS, ABOVE GRADE
EW-165	EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE
EW-188	EXISTING DUAL GAS/LEACHATE EXTRACTION WELL
EW16-22	EXISTING DUAL CASING GAS/LEACHATE EXTRACTION WELL
	EXISTING ROAD CROSSING
	EXISTING REMOTE WELLHEAD
	EXISTING CONTROL VALVE
	EXISTING FLANGE CONNECTION
	EXISTING BLIND FLANGE
	EXISTING REDUCER FITTING
SUMP	EXISTING CONDENSATE PUMP STATION
LTS-12	EXISTING LEACHATE INTERCEPTION TRENCH SUMP
CAG	EXISTING CONDENSATE PIPE, ABOVE GRADE
CBG	EXISTING CONDENSATE PIPE, BELOW GRADE
AAG	EXISTING AIR PIPE, ABOVE GRADE
ABG	EXISTING AIR PIPE, BELOW GRADE

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

FINAL - RECORD DRAWINGS

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY

DATE OF ISSUE 01/27/21
DRAWN BY SEY/GVP/KJA
DESIGNED BY SEY
CHECKED BY AMN
APPROVED BY PJS

TETRA TECH

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

OX MOUNTAIN LANDFILL
SAN MATEO COUNTY, CALIFORNIA

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

SHEET NO. 1
PROJECT NO. 210032

File: C:\Users\kacey.abushaban\AppData\Local\Temp\AcPublish_5228\210032_S_2021 FLARE STATION UTILITY AND GCCS AS-BUILT_RECORD 2022.01.26.dwg Layout: SHT 1 User: kacey.abushaban Jan 27, 2022 - 9:32am

Israel, Nat

From: Raymond Salalila <RSalalila@baaqmd.gov>
Sent: Wednesday, June 8, 2022 11:10 AM
To: Israel, Nat
Cc: Kent, Kendra; Newell, Alex; Ayass, Sami; Newbrough, Rob; Wade, Benjamin; Armstrong, Travis; Mills, Josh; Romelle Guittap; Nimrat Sandhu
Subject: RE: Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118

Hello Nat,

Ox Mountain Landfill's Construction Plan has been received and will be reviewed by Compliance & Enforcement Staff. I will let you know if any additional information is required to meet the minimum reporting requirements of Reg. 8-34-118, and/or any other applicable limited exemptions. Please let me know if you have any questions.

Thank you,

Raymond Salalila
Air Quality Specialist
Compliance and Enforcement Division
Bay Area Air Quality Management District
375 Beale Street, Suite 600, San Francisco, CA 94105-2097
Office Hours: M-Th, 7:00 a.m. – 4:30 p.m.; Fri (limited availability), 7:00 a.m. – 3:30 p.m.
Tel: 415.749.4704 Cell: 415.760.1094
rsalalila@baaqmd.gov

From: Israel, Nat <Nat.Israel@tetratech.com>
Sent: Tuesday, June 7, 2022 1:27 PM
To: Raymond Salalila <RSalalila@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>; Newell, Alex <Alex.Newell@tetratech.com>; Ayass, Sami <Sami.Ayass@tetratech.com>; Newbrough, Rob <Rob.Newbrough@tetratech.com>; Wade, Benjamin <BWade@republicservices.com>; Armstrong, Travis <TArmstrong2@republicservices.com>; Mills, Josh <JMills3@republicservices.com>; Romelle Guittap <rguittap@baaqmd.gov>
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 schedule to begin June 14, 2022 with completion by August 31, 2022.

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@tetratech.com

Tetra Tech | *Leading with Science*® | Solid Waste West | Methane Gas Group
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | 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



Israel, Nat

From: Raymond Salalila <RSalalila@baaqmd.gov>
Sent: Wednesday, June 15, 2022 8:11 AM
To: Israel, Nat
Cc: Kent, Kendra; Newell, Alex; Ayass, Sami; Newbrough, Rob; Wade, Benjamin; Armstrong, Travis; Mills, Josh; Romelle Guittap; Nimrat Sandhu
Subject: RE: Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118

Hello Nat,

Ox Mountain Landfill's Construction Plan has been reviewed and determined to meet the minimum reporting requirements of Air District Regulation 8-34-118.1. No further information is needed at this time. You may be contacted by your assigned Air District Inspection Specialist and/or Permit Engineer to verify facility compliance with the Construction Plan.

Please contact me if you have any questions.

Thank you,

Raymond Salalila
Air Quality Specialist
Compliance and Enforcement Division
Bay Area Air Quality Management District
375 Beale Street, Suite 600, San Francisco, CA 94105-2097
Office Hours: M-Th, 7:00 a.m. – 4:30 p.m.; Fri (limited availability), 7:00 a.m. – 3:30 p.m.
Tel: 415.749.4704 Cell: 415.760.1094
rsalalila@baaqmd.gov

From: Raymond Salalila
Sent: Wednesday, June 8, 2022 11:10 AM
To: Israel, Nat <Nat.Israel@tetratech.com>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>; Newell, Alex <Alex.Newell@tetratech.com>; Ayass, Sami <Sami.Ayass@tetratech.com>; Newbrough, Rob <Rob.Newbrough@tetratech.com>; Wade, Benjamin <BWade@republicservices.com>; Armstrong, Travis <TArmstrong2@republicservices.com>; Mills, Josh <JMills3@republicservices.com>; Romelle Guittap <rguittap@baaqmd.gov>; Nimrat Sandhu <nsandhu@baaqmd.gov>
Subject: RE: Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118

Hello Nat,

Ox Mountain Landfill's Construction Plan has been received and will be reviewed by Compliance & Enforcement Staff. I will let you know if any additional information is required to meet the minimum reporting requirements of Reg. 8-34-118, and/or any other applicable limited exemptions. Please let me know if you have any questions.

Thank you,

Raymond Salalila
Air Quality Specialist
Compliance and Enforcement Division
Bay Area Air Quality Management District
375 Beale Street, Suite 600, San Francisco, CA 94105-2097
Office Hours: M-Th, 7:00 a.m. – 4:30 p.m.; Fri (limited availability), 7:00 a.m. – 3:30 p.m.
Tel: 415.749.4704 Cell: 415.760.1094
rsalalila@baaqmd.gov

From: Israel, Nat <Nat.Israel@tetratech.com>
Sent: Tuesday, June 7, 2022 1:27 PM
To: Raymond Salalila <RSalalila@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>; Newell, Alex <Alex.Newell@tetratech.com>; Ayass, Sami <Sami.Ayass@tetratech.com>; Newbrough, Rob <Rob.Newbrough@tetratech.com>; Wade, Benjamin <BWade@republicservices.com>; Armstrong, Travis <TArmstrong2@republicservices.com>; Mills, Josh <JMills3@republicservices.com>; Romelle Guittap <rguittap@baaqmd.gov>
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 schedule to begin June 14, 2022 with completion by August 31, 2022.

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@tetratech.com

Tetra Tech | *Leading with Science*® | Solid Waste West | Methane Gas Group
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | 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

TETRA TECH

TETRA TECH

July 11, 2022

Mr. Raymond Salalila
Air Quality Specialist
Compliance and Enforcement Division
Bay Area Air Quality Management District
375 Beale Street, Suite 600
San Francisco, CA 94105

Re: Ox Mountain Sanitary Landfill, Half Moon Bay, California – Facility Number A2266
Request for Limited Exemption (for Construction Activities) from Regulation 8, Rule 34 (Solid Waste Disposal Sites)
Section 117 (117.1 through 117.6) (Gas Collection and System Components)
Section 118 (Limited Exemption, Construction Activities)

Dear Mr. Salalila:

On behalf of Browning-Ferris Industries of California, Inc. (BFIC), Tetra Tech is submitting this letter to request a limited exemption from the requirements of the Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34 (8-34) during gas collection and control system (GCCS) improvement activities at the Ox Mountain Sanitary Landfill (Ox Mountain). This notification is being submitted pursuant to 8-34, Section 118, "Limited Exemptions for Construction Activities."

BAAQMD Reg 8-34-117 provides for the limited exemption from 8-34-301.1, 301.2, and 305 when new wells are being connected to the gas GCCS. Specifically, it says: "*The requirements of Sections 8-34-301.1, 301.2, and 305 shall not apply to individual landfill gas collection system components that must be temporarily shut down in order to repair the components, to connect new landfill gas collection system components to the existing system…*"

Similarly, 8-34-118 provides for a limited exemption from 8-34-305 from "*The requirements of Sections 8-34-303 shall not apply to the working face of the landfill or to areas of the landfill surface where the landfill cover material has been removed and refuse has been exposed for the express purpose of installing, expanding, replacing, or repairing components of the landfill gas, leachate, or gas condensate collection and removal systems…*" Since 8-34-117 and 118 allow for the limited exemptions from 8-34-301.1, 301.2 and 305, we are seeking exemption from these Sections (8-34-117 and 118).

Ox Mountain will be conducting GCCS improvements as shown on the attached figure. The construction work consists of the decommissioning and installation of vertical landfill gas (LFG) extraction wells, replacement of lateral piping, and replacement of vertical wellheads with dual extraction wellheads to improve overall collection efficiency at Ox Mountain. This work will also include the installation of up to 14 new and/or replacement vertical LFG extraction wells, and decommissioning of three vertical LFG extraction wells. No more than five LFG extraction wells are anticipated to be taken offline at any one time. Any major changes to this Construction Plan will be submitted to the BAAQMD in an amendment to this submittal.

Tetra Tech
7600 Dublin Boulevard, Suite 200, Dublin, CA 94568
Tel 877.633.5520 Fax 877.845.1456 tetratech.com

This letter also includes the BAAQMD-required Construction Plan for the proposed work. The Plan contains information required pursuant to 8-34-118.1 and includes:

- Description of actions being taken;
- Description of landfill areas affected;
- Description of LFG components affected;
- Ox Mountain 2022 Sliver Fill Maps showing the above area and affected components;
- Reason(s) requiring the action;
- Construction schedule; and
- Description of air quality mitigation measures planned.

No significant interruption of the current site LFG extraction and control operations is anticipated due to the work. The construction crew will mobilize to the site and begin work on or around July 25, 2022. BFIC personnel and/or other subcontractor personnel will observe and record construction activities on behalf of BFIC. Construction activities are anticipated to conclude by September 2, 2022. The offline and online dates and times for the vertical LFG extraction wells and horizontal collector will be recorded, pursuant to requirements in 8-34-117.6 and 8-34-118.9. This is outlined in the attached Construction Plan.

Unless notified otherwise, BFIC will proceed in accordance with the attached Construction Plan and deems approval of this submittal by the BAAQMD as consent to take necessary action to ensure compliance with regulations, which may include taking additional wells offline for an extended period of time pursuant to Regulation 8, Rule 34, Section 118.

If you have any questions, please do not hesitate to contact Kendra Kent at (520) 526-7270. Thank you for your consideration.

Sincerely,

TETRA TECH

Nat Israel
Compliance Specialist

Kendra Kent
Senior Compliance Specialist

Enclosure: BAAQMD Regulation 8, Rule 34, Section 118 Construction Plan

cc: Ben Wade, BFIC
Travis Armstrong, BFIC
Josh Mills, BFIC
Sami Ayass, Tetra Tech
Rob Newbrough, Tetra Tech
Kevin Cordes, BAAQMD

BAAQMD RULE 8-34-118 CONSTRUCTION PLAN
OX MOUNTAIN SANITARY LANDFILL
JULY 25, 2022 THROUGH SEPTEMBER 2, 2022

Introduction

This Construction Plan is being submitted pursuant to the Bay Area Air Quality Management District (BAAQMD) Regulation 8, Rule 34, Section 118: Limited Exemptions for Construction Activities for an exemption from the following BAAQMD Regulation 8, Rule 34 (8-34):

- Section 117 (117.1 through 117.6); and
- Section 118.

To obtain the exemptions from BAAQMD Regulation 8-34 (various Sections), the operator shall submit a construction plan in writing to the Air Pollution Control Officer (APCO) prior to beginning any construction activities. 8-34-117 provides for the limited exemption from 8-34-301.1, 301.2 and 305 when new wells are being connected to the gas collection and control system (GCCS). Specifically, it says: "*The requirements of Sections 8-34-301.1, 301.2, and 305 shall not apply to individual landfill gas collection system components that must be temporarily shut down in order to repair the components, to connect new landfill gas collection system components to the existing system…*"

Similarly, 8-34-118 provides for a limited exemption from 8-34-305 from "*The requirements of Sections 8-34- 303 shall not apply to the working face of the landfill or to areas of the landfill surface where the landfill cover material has been removed and refuse has been exposed for the express purpose of installing, expanding, replacing, or repairing components of the landfill gas, leachate, or gas condensate collection and removal systems…*" Since 8-34-117 and 118 allow for the limited exemptions from 8-34-301.1, 301.2 and 305 we are seeking exemption from these Sections (8-34-117 and 118).

BAAQMD Regulation 8-34-303 requires maintaining the concentration of organic compounds and methane below 500 parts per million by volume (ppmv) at all points on the landfill surface. Section 118 provides an exemption from the surface emission standard for *"….areas of the landfill surface where the landfill cover material has been removed and refuse has been exposed for the express purpose of installing, expanding, replacing, or repairing components of the landfill gas, leachate, or gas condensate collection and removal systems."*

Pursuant to Regulation 8, Rule 34, Section 118.1 (subsections 1.1 through 1.7), this Construction Plan includes:

- Description of actions being taken;
- Description of landfill areas affected;
- Description of the LFG components affected;
- Map showing the affected areas and components;
- Reason(s) requiring the action;
- Construction schedule; and
- Description of air quality mitigation measures planned.

Additionally, pursuant to Regulation 8, Rule 34 Section 117 (subsections 1 through 6), this Plan addresses the following on an as-needed basis:

- List of GCCS components with planned repairs to maintain compliance;
- New GCCS components installed as required to maintain compliance;

- Other construction activities, in which 8-34-118.1 through 118.9 must be met;
- Number of LFG extraction wells anticipated to be taken offline, not to exceed five or 10 percent of the GCCS concurrently, unless the operator has received prior written approval from the APCO;
- Confirmation that no wells are planned to be disconnected from a vacuum source for longer than 24 consecutive hours, unless the operator has received prior written approval from the APCO; and
- Well disconnection and installation records.

Section 118.1.1: Actions Being Taken

The construction work consists of decommissioning and installing of new vertical LFG extraction wells, replacement of lateral piping, and replacement of vertical wellheads to improve overall collection efficiency Ox Mountain. Installation of LFG components will be completed to minimize the impact to the operation of the overall GCCS. Refer to Sections 116, 117.4, 117.5, and 117.6 for additional details.

Sections 118.1.2 and 118.1.4: Affected Landfill Areas

The construction activities will occur in the areas around the component installations as shown on the drawing included with this Construction Plan. Since the activities slated to occur across different parts of the landfill and will depend on the field conditions, it is not possible at this time to indicate when the construction activity will be commencing in a specific area.

Section 118.1.3: Affected LFG Components

It is anticipated that the construction will have no significant impact on the routine continuous operation of the existing GCCS, pursuant to 8-34-301.1. Installation of the lateral piping and drilling of new wells is independent of the ongoing operations of the GCCS. LFG extraction wells within the radius of influence (ROI) of planned installations may be temporarily disconnected on an as-needed basis, pursuant to 8-34-117. Isolation valves installed within the existing GCCS piping network will be used to minimize the number of existing LFG extraction wells offline during connection of the new lateral piping and vertical LFG extraction wells to the existing GCCS. Additionally, up to 14 vertical LFG extraction wells are set to be installed and up to three vertical LFG extraction wells are set to be decommissioned. Refer to Sections 116, 117.4, 117.5, and 117.6 for additional details.

BFIC and/or other subcontractor personnel on behalf of BFIC will observe, track, and record construction activities and will record information on the new vertical LFG extraction wells installations and startups as well as the decommissioning events. All wellfield startup, shutdown, and malfunction (SSM) events will be recorded pursuant to 8-34-501.

Section 118.1.5: Reasons for Actions

The proposed construction work is intended to:

- Replace and install new lateral piping and wellheads to increase vacuum to new and existing GCCS components;
- Decommission up to three vertical LFG extraction wells; and
- Install up to 14 vertical LFG extraction wells.

The above action items will provide an increase in GCCS coverage and efficiency and therefore will promote the facility's compliance with 8-34, Sections 301, 303, and 305 and Title 17 California Code of Regulations (CCR), Landfill Methane Rule (LMR) Sections 95464 and 95465, among other requirements and improve the overall collection efficiency in the surrounding areas.

Section 118.1.6: Construction Schedule

The construction period will commence on or around July 25, 2022 and conclude by September 2, 2022 and is summarized in the table below. Any significant changes or delay to the proposed schedule will be submitted to the BAAQMD as an amendment to this 118 Exemption Request.

Table 1 - Preliminary Construction Schedule

Task	Project Week and Duration
Mobilize crew, equipment, and materials to site	July 20, 2022 through July 22, 2022
Trenching/installation of GCCS piping	July 25, 2022 through September 1, 2022
Drilling of up to 14 vertical LFG extraction wells	July 25, 2022 through August 12, 2022
Installation of up to 14 vertical LFG extraction wells and 18 new wellheads	August 12, 2022 through August ,24 2022
Decommissioning of up to three vertical LFG extraction wells	August 24, 2022 through August 29, 2022
Reconnect GCCS components	August 29, 2022 through August 31, 2022
Clean-up and demobilize crew and materials	August 31, 2022 through September 2, 2022

Section 118.1.7: Air Quality Mitigation Measures

Emissions of raw LFG will be minimized during construction. Minimal interruption of the overall site LFG extraction and control operations is anticipated during the work. Installation of the new vertical LFG extraction wells, lateral piping, and the replacement of wellheads, as well as the decommissioning of existing vertical LFG extraction wells will be done independent of ongoing operations of the existing GCCS. Air quality mitigation will be provided during all the work described above.

Ox Mountain does not accept friable asbestos, and the disturbance of asbestos is not anticipated during this construction event.

Due to the minimal amount of excavation planned for this work, air quality impacts are also anticipated to be minimal. Air quality mitigation will be provided during the following work tasks:

- Excavation and backfill of pipe trench in waste;
- Installation and Replacement of the lateral piping and wellheads;
- Decommissioning of up to three vertical LFG extraction wells; and
- Installation of up to 14 vertical LFG extraction wells.

During excavation and drilling through waste and soil cover, air emissions will be controlled by implementing the following measures:

- Minimizing the installation time for new lateral piping and vertical LFG extraction wells and disconnection time for the well decommissioning events;
- Minimizing the quantity of open trench excavations at any one time;
- Covering excavated refuse immediately, and relocating it to the active waste disposal area within 24 hours or as soon as possible based on site operations; and
- Not leaving excavations open overnight or for over eight hours.

During connection of the vertical LFG extraction wells to the associated piping, air emissions will be controlled by implementing the following measures:

- Capping or blind flanging of pipe and collector openings, which will remain sealed until time of connection to a vacuum source;
- Using isolation valves, where possible, when making connections into the existing GCCS piping network;
- Minimizing the disconnection time of the well during the decommissioning events;
- Minimizing the amount of open pipe during the installation of piping, by using flange joints and flexible couplings; and
- Ensuring that the Republic Standard Operation Procedures (SOP) are followed and that all activities are performed in compliance with applicable regulations by stationing construction quality assurance (CQA) personnel near the construction area to observe and record construction activities.

Section 117.1: Gas Collection System Components Repairs

As outlined in this Construction Plan, replacement several existing vertical LFG extraction wellheads are anticipated during this construction event. The locations of these wells are provided in the Ox Mountain Landfill 2022 GCCS Improvements Map attached to this Construction Plan.

Section 117.2: Gas Collection System New Components

During the construction outlined in this Construction Plan, up to 14 vertical LFG extraction wells are anticipated to be potentially installed. The potential new components are provided in the table below. A Wellfield Notification Letter will be provided to the BAAQMD at least three days prior to the startup of any of these new vertical extraction wells, pursuant to Title V Permit Condition 10164 Part 17(iv) and Change of Permit Conditions (COPC) application number (A/N) 27710. Any major changes to the wells listed below will be provide to the BAAQMD in an addendum to this submittal. The locations of these potential wells are provided in the Ox Mountain Landfill 2022 GCCS Improvements Map attached to this Construction Plan.

Potential New Vertical LFG Well IDs	
EW22-1	EW22-8
EW22-2	EW22-9
EW22-3	EW22-10
EW22-4	EW22-11
EW22-5	EW22-12
EW22-6	EW22-13
EW22-7	EW22-14

Section 117.3 Gas Collection System Additional Construction Activities

Several existing LFG extraction wells will have lateral piping replaced to increase vacuum and collection efficiency as well as new wellheads installed. Please refer to the attached Ox Mountain Landfill 2022 GCCS Improvements Map for details.

Sections 117.4, 117.5 and 117.6: Gas Collection System Components Offline

During the construction outlined in this Construction Plan, wells that need to be taken offline temporarily will be recorded pursuant to 8-34-117 and 8-34-501. Records of the wellfield SSM events will be included in the next Semi-Annual Report.

The decommissioning dates and times of up to three vertical LFG extraction wells will also be recorded, pursuant to requirements in 8-34-117 and 8-34-501. As stated above, a Wellfield Notification Letter will be provided to the BAAQMD within three days following the decommissioning of the vertical extraction wells, pursuant to Title V Permit Condition 10164 Part 17(iv) and COPC A/N 27710. The following wells are currently planned to be decommissioned during GCCS construction outlined in this Construction Plan. Any major changes to the wells listed below will be provided to the BAAQMD in an addendum to this submittal.

Potential Vertical LFG Well IDs for Decommissioning/Replacement	
EW19-18	EW-303
EW20-06	

Attachment: Ox Mountain Landfill 2022 GCCS Improvements Map

ATTACHMENT

OX MOUNTAIN LANDFILL 2022 GCCS IMPROVEMENTS MAP

TIE IN SCHEDULE AND CONSTRUCTION NOTES

1. TIE TIE-IN PROPOSED 2" SDR-9 HDPE AIR PIPING TO EXISTING 2" SDR-9 HDPE AIR PIPING VIA BUTT FUSED 2" SDR-9 TEE.
2. SURVEY LIMITS OF FINAL COVER PRIOR TO INSTALLATION OF ROAD CROSSING TO CONFIRM CLEARANCE
3. TIE IN PROPOSED 4" SDR-11 HDPE FORCE MAIN TO EXISTING DUAL EXTRACTION WELLHEAD VIA BUTT-FUSED 4" X 3" SDR-11 HDPE REDUCER (4 / DS4)
4. TIE-IN PROPOSED 4" SDR-11 HDPE FORCE MAIN PIPING TO EXISTING 3" SDR-11 HDPE FORCE MAIN PIPING VIA BUTT-FUSED 4" SDR-11 HDPE WYE AND 4" X 3" SDR-11 HDPE REDUCER(S).
5. TIE-IN PROPOSED 6" SDR-17 HDPE LATERAL TO EXISTING 18" SDR-17 HDPE HEADER VIA BUTT-FUSED 18" SDR-11 HDPE TEE AND APPROPRIATE REDUCERS.
6. INSTALL 2" SDR-9 HDPE AIR AND 4" SDR-11 HDPE FORCE MAIN PIPING
7. TIE INTO EXISTING 4" HDPE CONDENSATE PIPE WITH 4" HDPE SDR-11 WYE
8. TIE INTO EXISTING AIR FORCE MAIN
9. INSTALL REMOTE WELLHEAD
10. PROPOSED VERTICAL EXTRACTION WELL (TYP.) (2 / DS3)
11. TIE IN PROPOSED 8" SDR-17 HDPE SUB-HEADER VIA 8" SDR-17 HDPE TEE
12. TIE INTO EXISTING 18" HDPE HEADER WITH 18" SDR-11 TEE AND APPROPRIATE REDUCERS
13. TIE INTO PROPOSED 4" SDR-11 HDPE CONDENSATE FORCE MAIN WITH 4" SDR-11 HDPE WYE
14. TIE-IN PROPOSED 6" SDR-17 HDPE LATERAL TO EXISTING 6" SDR-17 HDPE LATERAL VIA BUTT-FUSED 6" SDR-11 HDPE TEE
15. TIE-IN PROPOSED 6" SDR-17 HDPE LATERAL TO EXISTING 12" SDR-17 HDPE SUB-HEADER VIA BUTT-FUSED 12" SDR-11 HDPE TEE AND APPROPRIATE REDUCERS
16. TIE-IN EXISTING WELL EW-194'S 6" SDR-17 HDPE LATERAL TO PROPOSED 8" SDR-17 HDPE SUB-HEADER VIA 8" SDR-11 HDPE TEE AND 8" X 6" SDR-11 HDPE REDUCER
17. TIE-IN EXISTING WELL EW-159'S 6" SDR-17 HDPE LATERAL TO PROPOSED 8" SDR-17 HDPE SUB-HEADER VIA 8" SDR-11 HDPE TEE AND 8" X 6" SDR-11 HDPE REDUCER
18. TIE-IN PROPOSED WELLS EW22-01'S AND EW22-03'S 6" SDR-17 HDPE LATERAL TO EXISTING WELL EW19-15'S 6" SDR-17 HDPE LATERAL VIA 6" SDR-11 HDPE TEE
19. TIE-IN PROPOSED WELL EW22-18'S 6" SDR-17 HDPE LATERAL TO EXISTING WELL EW20-16'S 6" SDR-17 HDPE LATERAL VIA 6" SDR-11 HDPE TEE
20. TIE-IN EXISTING WELLS EW126, EW19-8, EW19-10, EW20-19 AND EW20-25 TO PROPOSED 8" SDR-17 HDPE SUB HEADER VIA HDPE TEE AND 8"X6" SDR-11 HDPE REDUCERS.
21. TIE-IN PROPOSED WELL EW22-06 AND EW22-07 TO PROPOSED 8" SDR-17 HDPE SUB HEADER VIA HDPE TEE AND REDUCER.
22. TIE IN PROPOSED 6" SDR-17 HDPE LATERAL TO PROPOSED 8" SDR-17 HDPE PIPE VIA 8" SDR-11 HDPE TEE AND 8" X 6" SDR-11 HDPE REDUCER

LEGEND

OVERLINER BOUNDARY	PROPOSED GAS PIPE, ABOVE GRADE
LIMIT OF WASTE	PROPOSED GAS PIPE, BELOW GRADE
1400 EXISTING 10' CONTOUR	AAG PROPOSED AIR PIPE, ABOVE GRADE
FINAL CLOSURE BOUNDARY	CAG PROPOSED CONDENSATE PIPE, ABOVE GRADE
EXISTING GAS PIPE, ABOVE GRADE	LTS-4 EW-158 EXISTING WELL PROPOSED FOR VERTICAL WELLHEAD REPLACEMENT
EXISTING GAS PIPE, BELOW GRADE	EW-21-02 EW-174
EXISTING HORIZONTAL COLLECTOR	EW22-14 PROPOSED REMOTE WELLHEAD
EXISTING CAPPED PIPE	EW22-01 PROPOSED VERTICAL GAS EXTRACTION WELL
CAG EXISTING CONDENSATE PIPE, ABOVE GRADE	PW22-01 PROPOSED VERTICAL DUAL EXTRACTION WELL AND PUMP
CBG EXISTING CONDENSATE PIPE, BELOW GRADE	EW19-01 EXISTING WELL PROPOSED FOR DUAL EXTRACTION WELLHEAD AND PUMP INSTALLATION
AAG EXISTING AIR PIPE, ABOVE GRADE	EW-101 EXISTING WELL PROPOSED FOR DUAL EXTRACTION WELLHEAD AND PUMP REPLACEMENT
ABG EXISTING AIR PIPE, BELOW GRADE	PROPOSED ROAD CROSSING
PMP-5 EXISTING GAS MONITORING PROBE LOCATION	PROPOSED REDUCER FITTING
EW-170 EXISTING VERTICAL GAS EXTRACTION WELLS, ABOVE GRADE	PROPOSED CONDENSATE CLEAN OUT
EW-165 EXISTING VERTICAL GAS EXTRACTION WELLS, BELOW GRADE	EW-303 EXISTING WELL TO BE ABANDONED
EW-188 EXISTING DUAL GAS/LEACHATE EXTRACTION WELL	EXISTING MANIFOLD TO BE ABANDONED
EW16-22 EXISTING DUAL CASING GAS/LEACHATE EXTRACTION WELL	PROPOSED CONDENSATE ISOLATION VALVE
EXISTING ROAD CROSSING	PROPOSED AIR ISOLATION AND BLOWOFF VALVE
EXISTING REMOTE WELLHEAD	
EXISTING CONTROL VALVE	
EXISTING FLANGE CONNECTION	
EXISTING BLIND FLANGE	
EXISTING REDUCER FITTING	
SUMP EXISTING CONDENSATE PUMP STATION	
LTS-12 EXISTING LEACHATE INTERCEPTION TRENCH SUMP	

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

REV	DATE	DESCRIPTION	DWN BY	DES BY	CHK BY	APP BY

DATE OF ISSUE 06/10/2022
DRAWN BY GVP/KJA
DESIGNED BY KJA/AMN
CHECKED BY AMN
APPROVED BY PJS

TETRA TECH

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

OX MOUNTAIN LANDFILL
SAN MATEO COUNTY, CALIFORNIA

2022 GCCS IMPROVEMENTS
GCCS CONSTRUCTION SITE PLAN

SHEET NO. 3
PROJECT NO. 220018

PRELIMINARY - NOT FOR CONSTRUCTION

0 200 400
SCALE IN FEET

File: C:\Users\kacey.abuhaban\AppData\Local\Temp\AcPublish_12940\220018_2022 GCCS IMPROVEMENTS_DRAFT SET_220610.dwg Layout: Sht 3 User: KACEY.ABUGHABAN Jun 10, 2022 - 10:58am
1" 1/2" 0" 1"

Israel, Nat

From: Raymond Salalila <RSalalila@baaqmd.gov>
Sent: Tuesday, July 12, 2022 2:26 PM
To: Israel, Nat
Cc: Kent, Kendra; Newell, Alex; Ayass, Sami; Newbrough, Rob; Wade, Benjamin; Armstrong, Travis; Mills, Josh; Romelle Guittap; Nimrat Sandhu
Subject: RE: Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118

Hello Nat,

Ox Mountain Landfill's Construction Plan has been received and will be reviewed by Compliance & Enforcement Staff. I will let you know if any additional information is required to meet the minimum reporting requirements of Reg. 8-34-118, and/or any other applicable limited exemptions. Please let me know if you have any questions.

Thank you,

Raymond Salalila
Air Quality Specialist
Compliance and Enforcement Division
Bay Area Air Quality Management District
375 Beale Street, Suite 600, San Francisco, CA 94105-2097
Office Hours: M-Th, 7:00 a.m. – 4:30 p.m.; Fri (limited availability), 7:00 a.m. – 3:30 p.m.
Tel: 415.749.4704 Cell: 415.760.1094
rsalalila@baaqmd.gov

From: Israel, Nat <Nat.Israel@tetratech.com>
Sent: Monday, July 11, 2022 3:58 PM
To: Raymond Salalila <RSalalila@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>; Newell, Alex <Alex.Newell@tetratech.com>; Ayass, Sami <Sami.Ayass@tetratech.com>; Newbrough, Rob <Rob.Newbrough@tetratech.com>; Wade, Benjamin <BWade@republicservices.com>; Armstrong, Travis <TArmstrong2@republicservices.com>; Mills, Josh <JMills3@republicservices.com>; Romelle Guittap <rguittap@baaqmd.gov>
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 July 25, 2022 with completion by September 2, 2022.

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@tetratech.com

Tetra Tech | *Leading with Science*® | Solid Waste West | Methane Gas Group
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | 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



Israel, Nat

From: Raymond Salalila <RSalalila@baaqmd.gov>
Sent: Thursday, July 21, 2022 4:05 PM
To: Israel, Nat
Cc: Kent, Kendra; Ayass, Sami; Newbrough, Rob; Wade, Benjamin; Armstrong, Travis; Romelle Guittap; Nimrat Sandhu
Subject: RE: Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Nat,

Ox Mountain Landfill's Construction Plan has been reviewed and determined to meet the minimum reporting requirements of Air District Regulation 8-34-118.1. No further information is needed at this time. You may be contacted by your assigned Air District Inspection Specialist and/or Permit Engineer to verify facility compliance with the Construction Plan.

Please contact me if you have any questions.

Thank you,

Raymond Salalila
Air Quality Specialist
Compliance and Enforcement Division
Bay Area Air Quality Management District
375 Beale Street, Suite 600, San Francisco, CA 94105-2097
Office Hours: M-Th, 7:00 a.m. – 4:30 p.m.; Fri (limited availability), 7:00 a.m. – 3:30 p.m.
Tel: 415.749.4704 Cell: 415.760.1094
rsalalila@baaqmd.gov

From: Israel, Nat <Nat.Israel@tetratech.com>
Sent: Thursday, July 21, 2022 1:43 PM
To: Raymond Salalila <RSalalila@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>; Ayass, Sami <Sami.Ayass@tetratech.com>; Newbrough, Rob <Rob.Newbrough@tetratech.com>; Wade, Benjamin <BWade@republicservices.com>; Armstrong, Travis <TArmstrong2@republicservices.com>; Romelle Guittap <rguittap@baaqmd.gov>
Subject: RE: 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,

I am following up regarding the approval of the Request for Limited Exemption at Ox Mountain submitted with the email below. Construction work is scheduled to begin July 25, 2022. Please let us know if any clarification is necessary to receive approval.

Thanks,

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

Tetra Tech | *Leading with Science®* | Solid Waste West | Methane Gas Group
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | 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

TETRA TECH

From: Israel, Nat
Sent: Monday, July 11, 2022 3:58 PM
To: Raymond Salalila <RSalalila@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>; Newell, Alex <Alex.Newell@tetratech.com>; Ayass, Sami <Sami.Ayass@tetratech.com>; Newbrough, Rob <Rob.Newbrough@tetratech.com>; Wade, Benjamin <BWade@republicservices.com>; Armstrong, Travis <TArmstrong2@republicservices.com>; Mills, Josh <JMills3@republicservices.com>; rguittap@baaqmd.gov
Subject: Ox Mountain Landfill - Facility A2266 - Request for Limited Exemption under Regulation 8, Rule 34, Section 118

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 July 25, 2022 with completion by September 2, 2022.

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@tetratech.com

Tetra Tech | *Leading with Science®* | Solid Waste West | Methane Gas Group
7600 Dublin Blvd., Suite 200 | Dublin, CA 94568 | 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



BAY AREA AIR QUALITY MANAGEMENT DISTRICT

COMPLIANCE & ENFORCEMENT DIVISION

Notification Form

Reportable Compliance Activity (RCA)

See back of form for instructions →

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

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

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

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

SITE INFORMATION AND DESCRIPTION INFORMATION (REQUIRED)			
Company	Browning-Ferris Industries of California, Inc.	Site #	A2266
Address	12310 San Mateo Road, Half Moon Bay, CA 94019	Source #	A-7 and A-9 LFG Flares
Reported by	Kendra Kent, Tetra Tech	Phone #	(520) 526-7270
Indicated Excess	GCCS downtime over one hour	Fax #	N/A
Allowable Limit	Permit Condition #10164 Part 18(a)	Averaging Time	1 hour 29 minutes
Start Time/Date	7/13/2022 at 23:30 PM	Clear Time	7/14/2022 at 00:59 AM
Monitor/device type(s)	☐ ▶CEM ☐ ▶GLM ☒ ▶Parametric ☐ ▶PRD ☐ ▶Non-monitor		
Monitor description(s)			

Parameter(s) exceeded or not functioning due to inoperation

☐ ▶NO_x ☐ ▶SO_2 ☐ ▶CO ☐ ▶CO_2 ☐ ▶H_2S ☐ ▶TRS ☐ ▶NH_3
☐ ▶O_2 ☐ ▶H_2O ☐ ▶Opacity ☐ ▶Lead ☐ ▶Gauge Pressure ☒ ▶Flow
☐ ▶Hydrocarbon Breakthrough (VOC) ☒ ▶Temperature ☐ ▶Wind Speed
☐ ▶Wind Direction ☐ ▶Steam ☐ ▶Other (describe)

Unit(s) of Measurement

☐ ▶ppm ☐ ▶ppb ☐ ▶min/hr > 20% ☐ ▶inches H_2O ☐ ▶mmHg
☐ ▶psig ☐ ▶pH ☒ ▶^{0}Fahrenheit ☒ ▶Other (describe) scfm

Event Description:

At approximately 11:30 PM on July 13, 2022, site control equipment went offline due to a sensor alarm. Site technicians were dispatched to Ox Mountain as soon as possible following the shutdown. Technicians restarted site control equipment at 12:59 AM. There were no excess emissions during the downtime event.

District Use Only		
Received by	Date	Time

General Instructions

TETRA TECH

June 24, 2022

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

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

To Whom It May Concern:

Tetra Tech submits this letter on behalf of Browning-Ferris Industries of California, Inc. (BFIC) to notify the Bay Area Air Quality Management District (BAAQMD) of the startup of three horizontal landfill gas (LFG) collectors at Ox Mountain Landfill (Ox Mountain [Facility Number A2266]), pursuant to Title V Permit Condition Number 10164, Part 17 and Change of Permit Conditions Application Number (A/N) 30889.

In accordance with the approved A/N 30889, Ox Mountain is approved for the installation of up to 100 new vertical LFG extraction wells as well as 20 horizontal collectors; to decommission of up to 150 vertical LFG extraction wells, as well as 15 horizontal collectors; and unlimited vertical well replacements. This notification is being made pursuant to Title V Permit Condition Number 10164, Part 17(b)(iv), which states that the permit holder shall submit a notification to the BAAQMD at least three days prior to the startup of a component connected to the gas collection and control system (GCCS) and within three days after the decommissioning of a component connected to the GCCS.

Pursuant to A/N 30889, the following table is a summation of the well actions detailed in this notification letter.

Well ID	Well Action	Date/Time Action Taken
OXSS2032	Horizontal LFG Collector Startup	On or after June 29, 2022
OXSS2033	Horizontal LFG Collector Startup	On or after June 29, 2022
OXSS2034	Horizontal LFG Collector Startup	On or after June 29, 2022

The startup date and time for these collectors will be recorded in the Startup, Shutdown, and Malfunction (SSM) log report submitted on a semi-annual basis to the BAAQMD and United States Environmental Protection Agency (USEPA), Region IX, pursuant to Regulation 8, Rule 34, Section 501.

In accordance with Title V Permit Condition Number 10164 Part 17(b)(vii), if the Permit Holder has a net reduction of more than five components within a 120-day period, the Permit Holder shall submit a more comprehensive decommissioning notification to the BAAQMD. With the startup of the three horizontal LFG collectors, the GCCS

Tetra Tech
7600 Dublin Boulevard, Suite 200, Dublin, CA 94568
Tel 877.633.5520 Fax 877.845.1456 tetratech.com

at Ox Mountain has not had a net reduction of five or more components within the previous 120-days of this well action; therefore, no further details are required with this submittal.

The following table shows the status of decommissions and installations for A/N 30889.

Action	Permitted Actions for Application Number 30889	Remaining Actions Per Application Number 30889
Vertical Gas Extraction Well Installations	100	87
Horizontal Collector Installations	20	12
Vertical Gas Extraction Well Decommissions	150	126
Horizontal Collector Decommissions	15	14
Vertical Well Replacements	Unlimited	Unlimited

With the startup of the three horizontal LFG collectors, there are currently 184 vertical LFG extraction wells, 18 vertical LFG extraction wells with approval for less than continuously operation (LTCO), 14 horizontal collectors, and 10 leachate cleanout risers connected to the GCCS at Ox Mountain.

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

Sincerely,

TETRA TECH BAS, INC.

Nat Israel
Compliance Specialist

Kendra Kent
Project Manager

cc: Benjamin Wade, BFIC
Travis Armstrong, BFIC

TETRA TECH

August 19, 2022

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

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

To Whom It May Concern:

Tetra Tech submits this letter on behalf of Browning-Ferris Industries of California, Inc. (BFIC) to notify the Bay Area Air Quality Management District (BAAQMD) of the decommissioning of three vertical landfill gas (LFG) wells and the startup of ten vertical LFG wells at Ox Mountain Landfill (Ox Mountain [Facility Number A2266]), pursuant to Title V Permit Condition Number 10164, Part 17 and Change of Permit Conditions Application Number (A/N) 30889.

In accordance with the approved A/N 30889, Ox Mountain is approved for the installation of up to 100 new vertical LFG extraction wells as well as 20 horizontal collectors; to decommission of up to 150 vertical LFG extraction wells, as well as 15 horizontal collectors; and unlimited vertical well replacements. This notification is being made pursuant to Title V Permit Condition Numbers 10164, Part 17(b)(iv) and (v), which state that the permit holder shall submit a notification to the BAAQMD at least three days prior to the startup of a component connected to the gas collection and control system (GCCS) and within three days after the decommissioning of a component connected to the GCCS.

Pursuant to A/N 30889, the following table is a summation of the well actions detailed in this notification letter.

Well ID	Well Action	Date/Time Action Taken
OXEW1918	Vertical LFG Well Decommissioning	August 17, 2022
OXEW2006	Vertical LFG Well Decommissioning	August 17, 2022
OXMEW303	Vertical LFG Well Decommissioning	August 17, 2022
OXEW2204	Vertical LFG Well Startup	On or after August 22, 2022
OXEW2205	Vertical LFG Well Startup	On or after August 22, 2022
OXEW2207	Vertical LFG Well Startup	On or after August 22, 2022
OXEW2208	Vertical LFG Well Startup	On or after August 22, 2022
OXEW2209	Vertical LFG Well Startup	On or after August 22, 2022
OXEW2210	Vertical LFG Well Startup	On or after August 22, 2022
OXEW2211	Vertical LFG Well Startup	On or after August 22, 2022

Tetra Tech
7600 Dublin Boulevard, Suite 200, Dublin, CA 94568
Tel 877.633.5520 Fax 877.845.1456 tetratech.com

Well ID	Well Action	Date/Time Action Taken
OXEW2212	Vertical LFG Well Startup	On or after August 22, 2022
OXEW2213	Vertical LFG Well Startup	On or after August 22, 2022
OXEW2214	Vertical LFG Well Startup	On or after August 22, 2022

The startup and decommissioning date and time for these wells will be recorded in the Startup, Shutdown, and Malfunction (SSM) log report submitted on a semi-annual basis to the BAAQMD and United States Environmental Protection Agency (USEPA), Region IX, pursuant to Regulation 8, Rule 34, Section 501.

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

The following table shows the status of decommissions and installations for A/N 30889.

Action	Permitted Actions for Application Number 30889	Remaining Actions Per Application Number 30889
Vertical Gas Extraction Well Installations	100	77
Horizontal Collector Installations	20	12
Vertical Gas Extraction Well Decommissions	150	123
Horizontal Collector Decommissions	15	14
Vertical Well Replacements	Unlimited	Unlimited

With the decommissioning of three vertical LFG wells and the startup of ten vertical LFG wells, there are currently 191 vertical LFG extraction wells, 18 vertical LFG extraction wells with approval for less than continuously operation (LTCO), 14 horizontal collectors, and 10 leachate cleanout risers connected to the GCCS at Ox Mountain.

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

Sincerely,

TETRA TECH BAS, INC.

Nat Israel
Compliance Specialist

Kendra Kent
Project Manager

cc: Benjamin Wade, BFIC
Travis Armstrong, BFIC

TETRA TECH

August 25, 2022

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

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

To Whom It May Concern:

Tetra Tech submits this letter on behalf of Browning-Ferris Industries of California, Inc. (BFIC) to notify the Bay Area Air Quality Management District (BAAQMD) of the decommissioning of one vertical landfill gas (LFG) well at Ox Mountain Landfill (Ox Mountain [Facility Number A2266]), pursuant to Title V Permit Condition Number 10164, Part 17 and Change of Permit Conditions Application Number (A/N) 30889.

In accordance with the approved A/N 30889, Ox Mountain is approved for the installation of up to 100 new vertical LFG extraction wells as well as 20 horizontal collectors; to decommission of up to 150 vertical LFG extraction wells, as well as 15 horizontal collectors; and unlimited vertical well replacements. This notification is being made pursuant to Title V Permit Condition Numbers 10164, Part 17(b)(iv) and (v), which state that the permit holder shall submit a notification to the BAAQMD at least three days prior to the startup of a component connected to the gas collection and control system (GCCS) and within three days after the decommissioning of a component connected to the GCCS.

Pursuant to A/N 30889, the following table is a summation of the well actions detailed in this notification letter.

Well ID	Well Action	Date/Time Action Taken
OXEW1715	Vertical LFG Well Decommissioning	August 24, 2022 12:42 PM

The decommissioning date and time for this well will be recorded in the Startup, Shutdown, and Malfunction (SSM) log report submitted on a semi-annual basis to the BAAQMD and United States Environmental Protection Agency (USEPA), Region IX, pursuant to Regulation 8, Rule 34, Section 501.

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

Since the submittal of the last Wellfield Notification Letter submitted on August 19, 2022, a mistake was identified. A well that was not installed was listed to be started up on or after August 22, 2022, and the well installation actions was adjusted accordingly. However, vertical LFG well OXEW2205 was never installed and will be

Tetra Tech
7600 Dublin Boulevard, Suite 200, Dublin, CA 94568
Tel 877.633.5520 Fax 877.845.1456 tetratech.com

removed from the well record. The allowable vertical gas extraction well installation actions listed below have been revised to 78 versus the 77 previously noted in the August 19, 2022, Well Notification Letter.

The following table shows the status of decommissions and installations for A/N 30889.

Action	Permitted Actions for Application Number 30889	Remaining Actions Per Application Number 30889
Vertical Gas Extraction Well Installations	100	78
Horizontal Collector Installations	20	12
Vertical Gas Extraction Well Decommissions	150	122
Horizontal Collector Decommissions	15	14
Vertical Well Replacements	Unlimited	Unlimited

With the decommissioning of one LFG well, there are currently 189 vertical LFG extraction wells, 18 vertical LFG extraction wells with approval for less than continuously operation (LTCO), 14 horizontal collectors, and 10 leachate cleanout risers connected to the GCCS at Ox Mountain.

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

Sincerely,

TETRA TECH BAS, INC.

Nat Israel
Compliance Specialist

Kendra Kent
Project Manager

cc: Benjamin Wade, BFIC
Travis Armstrong, BFIC

Israel, Nat

From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Monday, April 25, 2022 1:49 PM
To: Wade, Benjamin
Cc: Kent, Kendra
Subject: RE: A2266 30-day letter Follow-up Questions- Start up notification

Thank you, Ben, for your information.

Regards,

Romelle Guittap – Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
rguittap@baaqmd.gov | www.baaqmd.gov

From: Wade, Benjamin <BWade@republicservices.com>
Sent: Monday, April 25, 2022 12:38 PM
To: Romelle Guittap <rguittap@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions- Start up notification

Romelle,

I have done another search through emails available to me and have asked the same of my consultant and have not located email correspondence of the type requested. An observation verbally relayed to me from a person with general familiarity of compliance at that time is that major deliverables were still mailed at that time.

Thank you,

Ben Wade
Environmental Manager
Ox Mountain Landfill

12310 San Mateo Road
Half Moon Bay, CA 94019
e bwade@republicservices.com
o (650) 713-3632 c (650) 291-3882
f (650) 726-9183 w RepublicServices.com

REPUBLIC SERVICES

We'll handle it from here.™

From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Thursday, April 21, 2022 1:20 PM
To: Wade, Benjamin <BWade@republicservices.com>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions- Start up notification

This Message Is From an External Sender

This message came from outside your organization.

Hello Ben,
Hope all is well with you. You submitted to me a copy of the signed start-up notification for S-25 (5/14/18). We do not have any documentation of the start-up notification in our files which is another possible reason why a P/O was never issued. How was the notification sent to us? Do you have a copy of an email thread to our District with attached signed notification?

Thank you for your patients while we continue to sort out the information.

Romelle Guittap – Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
rguittap@baaqmd.gov | www.baaqmd.gov

From: Wade, Benjamin <BWade@republicservices.com>
Sent: Tuesday, April 5, 2022 9:07 AM
To: Romelle Guittap <rguittap@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions

Romelle,

Attached is the start-up notification for the S-25 from site files with a 5/14/2018 date of scheduled initial operation.

According to January 2020 consultant notes regarding a conversation with BAAQMD permit engineer Nimrat Sandu the reasons why a PTO was never issued for S-25 were as follows

- BAAQMD required payment for emissions offsets prior to the issuance of the PTO
- Ox Mountain anticipated that any offsets would be covered by the application for the decommissioning of the old A8 flare (this application was originally submitted in October of 2017 and remains outstanding today)

- During the period the previous two points were being worked through, a better engine, the S-26 became available for site operations
- The purchase of emissions offsets were also required as part of the S-26 application.
- It was noted during the review of the S-26 application that the S-25 application had not yet been closed out
- As a resolution to the issue of outstanding applications, is was purportedly proposed that the site provide BAAQMD actual hours of operation for the S-25 tipper engine since the official startup on 5/14/2018. Then these offsets were to be combined with the offsets needed for the S-26 so that one set of offsets could be purchased to cover both permits
- BAAQMD purportedly was then to distribute the aforementioned offsets within their system in order to close out both the S-25 and S-26 applications

Please let me know if this provides sufficient context on this issue.

Thank you,

Ben Wade
Environmental Manager
Ox Mountain Landfill

12310 San Mateo Road
Half Moon Bay, CA 94019
e bwade@republicservices.com
o (650) 713-3632 c (650) 291-3882
f (650) 726-9183 w RepublicServices.com



From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Friday, April 1, 2022 9:48 AM
To: Wade, Benjamin <BWade@republicservices.com>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions

This Message Is From an External Sender
This message came from outside your organization.

Thank you for the update, Ben.

Romelle Guittap – Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
rguittap@baaqmd.gov | www.baaqmd.gov

From: Wade, Benjamin <BWade@republicservices.com>
Sent: Friday, April 1, 2022 9:37 AM
To: Romelle Guittap <rguittap@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions

Romelle,

Just want to let you know that I have not forgotten about this email. We are wrapping up the location, compilation and review of relevant S-25 records and plan to send any clarifications to your summary, if required, next week.

Thank you,

Ben Wade
Environmental Manager
Ox Mountain Landfill

12310 San Mateo Road
Half Moon Bay, CA 94019
e bwade@republicservices.com
o (650) 713-3632 c (650) 291-3882
f (650) 726-9183 w RepublicServices.com



From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Monday, March 28, 2022 5:12 PM
To: Wade, Benjamin <BWade@republicservices.com>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions

This Message Is From an External Sender
This message came from outside your organization.

Thank you, Ben, for your response. I appreciate it. Per our conversation today, what I would like is for you to send me any communication you had regarding S-25. I want to find out the reason why S-25 never made it on the P/O. From what I understand, a permit application had been submitted for the S-26 which would be a better engine than the S-25. I do

have a copy of AC P/O #29767 for S-25 which was issued on 5/9/18. A start-up notification was never submitted. As per our discussion, it was because a permit for S-26 was to replace it. Please correct me if I misunderstood anything here.

Romelle Guittap – Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
rguittap@baaqmd.gov | www.baaqmd.gov

From: Wade, Benjamin <BWade@republicservices.com>
Sent: Monday, March 28, 2022 3:54 PM
To: Romelle Guittap <rguittap@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions

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.

Romelle,

Sorry for the delay, I was out of the office last week. Below are responses to your questions. Feel free to call if you have additional questions or comments.

1. What is the tipper identification number that S-25 was supposed to power?

   S-25 had previously operated a Tipper chasse identified as TPR982957

2. Why did you apply for a permit for S-26 when you just applied for a permit for S-25?

   The site maintains multiple operational tipper engines and it was anticipated that a new engine would be needed in the future.

3. When was S-23 last maintained?

   August 29, 2020.

4. What is your regular maintenance schedule?

   Visual inspections and minor maintenance is typically conducted at approximate 50 hour intervals.

Thank you,

Ben Wade
Environmental Manager
Ox Mountain Landfill

12310 San Mateo Road

Half Moon Bay, CA 94019
e bwade@republicservices.com
o (650) 713-3632 c (650) 291-3882
f (650) 726-9183 w RepublicServices.com



From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Monday, March 21, 2022 5:21 PM
To: Wade, Benjamin <BWade@republicservices.com>
Subject: A2266 30-day letter Follow-up Questions

This Message Is From an External Sender
This message came from outside your organization.

Hello Ben,
I have a few questions for you:

1- What is the tipper identification number that S-25 was supposed to power?
2- Why did you apply for a permit for S-26 when you just applied for a permit for S-25?
3- When was S-23 last maintained?
4- What is your regular maintenance schedule?

Thank you.

Regards,

Romelle Guittap
Air Quality Inspector
Compliance & Enforcement Division
375 Beale Street, Suite 600
San Francisco, CA 94105
W: (415) 749-4654 | **C**: (415) 793-1235
www.baaqmd.gov | www.sparetheair.org

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Israel, Nat

From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Tuesday, April 5, 2022 2:03 PM
To: Wade, Benjamin
Cc: Kent, Kendra
Subject: RE: A2266 30-day letter Follow-up Questions

Thank you very much Ben. I will review the information and confirm it with our engineers. I appreciate your research.

Romelle Guittap – Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
rguittap@baaqmd.gov | www.baaqmd.gov

From: Wade, Benjamin <BWade@republicservices.com>
Sent: Tuesday, April 5, 2022 9:07 AM
To: Romelle Guittap <rguittap@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions

Romelle,

Attached is the start-up notification for the S-25 from site files with a 5/14/2018 date of scheduled initial operation.

According to January 2020 consultant notes regarding a conversation with BAAQMD permit engineer Nimrat Sandu the reasons why a PTO was never issued for S-25 were as follows

- BAAQMD required payment for emissions offsets prior to the issuance of the PTO
- Ox Mountain anticipated that any offsets would be covered by the application for the decommissioning of the old A8 flare (this application was originally submitted in October of 2017 and remains outstanding today)
- During the period the previous two points were being worked through, a better engine, the S-26 became available for site operations
- The purchase of emissions offsets were also required as part of the S-26 application.
- It was noted during the review of the S-26 application that the S-25 application had not yet been closed out
- As a resolution to the issue of outstanding applications, is was purportedly proposed that the site provide BAAQMD actual hours of operation for the S-25 tipper engine since the official startup on 5/14/2018. Then these offsets were to be combined with the offsets needed for the S-26 so that one set of offsets could be purchased to cover both permits
- BAAQMD purportedly was then to distribute the aforementioned offsets within their system in order to close out both the S-25 and S-26 applications

Please let me know if this provides sufficient context on this issue.

Thank you,

Ben Wade
Environmental Manager
Ox Mountain Landfill

12310 San Mateo Road
Half Moon Bay, CA 94019
e bwade@republicservices.com
o (650) 713-3632 c (650) 291-3882
f (650) 726-9183 w RepublicServices.com



From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Friday, April 1, 2022 9:48 AM
To: Wade, Benjamin <BWade@republicservices.com>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions

This Message Is From an External Sender
This message came from outside your organization.

Thank you for the update, Ben.

Romelle Guittap – Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
rguittap@baaqmd.gov | www.baaqmd.gov

From: Wade, Benjamin <BWade@republicservices.com>
Sent: Friday, April 1, 2022 9:37 AM
To: Romelle Guittap <rguittap@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions

Romelle,

Just want to let you know that I have not forgotten about this email. We are wrapping up the location, compilation and review of relevant S-25 records and plan to send any clarifications to your summary, if required, next week.

Thank you,

Ben Wade
Environmental Manager
Ox Mountain Landfill

12310 San Mateo Road
Half Moon Bay, CA 94019
e bwade@republicservices.com
o (650) 713-3632 c (650) 291-3882
f (650) 726-9183 w RepublicServices.com



From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Monday, March 28, 2022 5:12 PM
To: Wade, Benjamin <BWade@republicservices.com>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions

This Message Is From an External Sender
This message came from outside your organization.

Thank you, Ben, for your response. I appreciate it. Per our conversation today, what I would like is for you to send me any communication you had regarding S-25. I want to find out the reason why S-25 never made it on the P/O. From what I understand, a permit application had been submitted for the S-26 which would be a better engine than the S-25. I do have a copy of AC P/O #29767 for S-25 which was issued on 5/9/18. A start-up notification was never submitted. As per our discussion, it was because a permit for S-26 was to replace it. Please correct me if I misunderstood anything here.

Romelle Guittap – Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
rguittap@baaqmd.gov | www.baaqmd.gov

From: Wade, Benjamin <BWade@republicservices.com>
Sent: Monday, March 28, 2022 3:54 PM
To: Romelle Guittap <rguittap@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: A2266 30-day letter Follow-up Questions

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.

Romelle,

Sorry for the delay, I was out of the office last week. Below are responses to your questions. Feel free to call if you have additional questions or comments.

1. What is the tipper identification number that S-25 was supposed to power?

   S-25 had previously operated a Tipper chasse identified as TPR982957

2. Why did you apply for a permit for S-26 when you just applied for a permit for S-25?

   The site maintains multiple operational tipper engines and it was anticipated that a new engine would be needed in the future.

3. When was S-23 last maintained?

   August 29, 2020.

4. What is your regular maintenance schedule?

   Visual inspections and minor maintenance is typically conducted at approximate 50 hour intervals.

Thank you,

Ben Wade
Environmental Manager
Ox Mountain Landfill

12310 San Mateo Road
Half Moon Bay, CA 94019
e bwade@republicservices.com
o (650) 713-3632 c (650) 291-3882
f (650) 726-9183 w RepublicServices.com



From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Monday, March 21, 2022 5:21 PM
To: Wade, Benjamin <BWade@republicservices.com>
Subject: A2266 30-day letter Follow-up Questions

This Message Is From an External Sender

This message came from outside your organization.

Hello Ben,
I have a few questions for you:

1- What is the tipper identification number that S-25 was supposed to power?
2- Why did you apply for a permit for S-26 when you just applied for a permit for S-25?
3- When was S-23 last maintained?
4- What is your regular maintenance schedule?

Thank you.

Regards,

Romelle Guittap
Air Quality Inspector
Compliance & Enforcement Division
375 Beale Street, Suite 600
San Francisco, CA 94105
W: (415) 749-4654 | **C**: (415) 793-1235
www.baaqmd.gov | www.spareheair.org

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Israel, Nat

From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Monday, August 15, 2022 11:46 AM
To: Kent, Kendra
Subject: RE: A2266 BFIC annual report due 10-31-20

Thank you, Kendra!

Regards,

Romelle Guittap (she/her/hers)
Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
www.baaqmd.gov | www.sparetheair.org

From: Kent, Kendra <Kendra.Kent@tetratech.com>
Sent: Monday, August 15, 2022 10:43 AM
To: Romelle Guittap <rguittap@baaqmd.gov>
Cc: bwade@republicservices.com; Israel, Nat <Nat.Israel@tetratech.com>
Subject: RE: A2266 BFIC annual report due 10-31-20

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.

Romelle,

Attached are the documents regarding the Annual Compliance Certification for the period of October 1, 2019 through September 30, 2020. This report, as well as the Semi-Annual Report for April 1, 2020 through September 30, 2020, were submitted on Friday, October 30, 2020 to the BAAQMD per the time stamp on the email above. The original email attachment holds a copy of the report for your records. The first PDF is the delivery and read receipt for the BAAQMD. The second PDF is the delivery and read receipt for the separate EPA submittal for your records as well.

Please let me know if you need anything else.

Thanks,
Kendra

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

While we are operating remotely in response to COVID-19, Tetra Tech teams remain fully connected and hard at work servicing our clients and ongoing projects. We also would like to wish health and wellness to you and your family.

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.

TETRA TECH

From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Monday, August 15, 2022 9:21 AM
To: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: A2266 BFIC annual report due 10-31-20

Hello Kendra,
Hope all is well with you. I am compiling A2266 BFIC's annual reports. Has annual report 10/1/19 – 9/30/20 (due date 10/31/20) been submitted? Would you kindly submit that to me and any record (email) showing when it was submitted. Thank you for your cooperation.

Regards,

Romelle Guittap (she/her/hers)
Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
www.baaqmd.gov | www.sparetheair.org

Israel, Nat

From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Thursday, June 2, 2022 8:05 AM
To: Wade, Benjamin; Kent, Kendra
Subject: RE: TItle V Semi-Annual and Partial 8-34 Annual Report- questions

Thank you, Ben.

Romelle Guittap – Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
rguittap@baaqmd.gov | www.baaqmd.gov

From: Wade, Benjamin <BWade@republicservices.com>
Sent: Wednesday, June 1, 2022 12:59 PM
To: Romelle Guittap <rguittap@baaqmd.gov>; Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: TItle V Semi-Annual and Partial 8-34 Annual Report- questions

Hi Romelle,

See the attached revised Appendix E.

Compiling signatures and facilitating review with the RO and anticipate resubmitting a revised version of the report by the end of the week.

Thank you,

Ben Wade
Environmental Manager
Ox Mountain Landfill

12310 San Mateo Road
Half Moon Bay, CA 94019
e bwade@republicservices.com
o (650) 713-3632 c (650) 291-3882
f (650) 726-9183 w RepublicServices.com

REPUBLIC SERVICES

We'll handle it from here.™

From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Wednesday, May 25, 2022 8:10 AM
To: Kent, Kendra <Kendra.Kent@tetratech.com>
Cc: Wade, Benjamin <BWade@republicservices.com>
Subject: RE: TItle V Semi-Annual and Partial 8-34 Annual Report- questions

This Message Is From an External Sender

This message came from outside your organization.

Hello Kendra,
I know Ben is out of the office so I am writing you. Will you be submitting the updated appendix E as stated below or will it be coming from Ben when he returns?

1- Is there a reason why down time of A7, A9, and ICE were not reported on appendix E for 2/9/22 10:02 – 10:20?

This was left off inadvertently. We will correct provide updated appendices.

I just need to know when I should be expecting it. Thank you!

Romelle Guittap – Air Quality Inspector
COMPLIANCE & ENFORCEMENT DIVISION

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
375 Beale Street, Suite 600, San Francisco, CA 94105
Office (415) 749-4654| Cell (415) 793-1235
rguittap@baaqmd.gov | www.baaqmd.gov

From: Wade, Benjamin <BWade@republicservices.com>
Sent: Tuesday, May 24, 2022 11:49 AM
To: Romelle Guittap <rguittap@baaqmd.gov>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: RE: TItle V Semi-Annual and Partial 8-34 Annual Report- questions

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.

Romelle,

Please see responses below.

I will be out of the office beginning tomorrow 5/25 returning on 6/1. If you have any additional follow up questions in the interim responses may be delayed.

Thank you,

Ben Wade
Environmental Manager
Ox Mountain Landfill

12310 San Mateo Road
Half Moon Bay, CA 94019
e bwade@republicservices.com
o (650) 713-3632 c (650) 291-3882
f (650) 726-9183 w RepublicServices.com



From: Romelle Guittap <rguittap@baaqmd.gov>
Sent: Monday, May 23, 2022 6:04 PM
To: Wade, Benjamin <BWade@republicservices.com>
Cc: Kent, Kendra <Kendra.Kent@tetratech.com>
Subject: TItle V Semi-Annual and Partial 8-34 Annual Report- questions

This Message Is From an External Sender
This message came from outside your organization.

Hello Ben,
I am reviewing the Title V Semi-Annual and Partial Reports. I have a few questions for you:

1- Have you conducted source test specifically to test for TSP (total suspended particulate) emissions per PC #10164, Part 21? Your lates source test was on 9/17/21 by Blue Sky Environmental but I do not see the TSP reported. Per PC #10164, part 21, "TSP emissions from A-7 shall not exceed 0.0641 gr/dscf. TSP emissions from A-9 shall not exceed 0.0425 gr/dscf. To demonstrate compliance with these requirements, the owner/operator shall conduct a source test at least every 5 years for A-7 and at least every 2 years for A-9."

The initial TSP source test is tentatively planned for the July 2022 annual testing event. Note that the TSP source test requirement is new; the condition first appeared in the version of the Title V permit issued in mid-2021. Also note that the 2021 source test was performed on August 6, 2021. Results were submitted on September 17th.

2- Is there a reason why down time of A7, A9, and ICE were not reported on appendix E for 2/9/22 10:02 – 10:20?

This was left off inadvertently. We will correct provide updated appendices.

3- Exactly what was the time frame of the power outage reported on the A-7 Flare log on 10/21/21 10:30 – 10/23/21 at 10:02? Was it lasting the 2 days? You've reported RCA 08E39 and breakdown 08E38 for the

12/25/21 power outage but not the power outage occurring some time between 10/21/21 and 10/23/21. Any reason?

The GCCS was not down for more than 1 hour during the relevant period. The operation of the third party LFGTE plant prevented a reportable event from occurring. Combustion devices for the Ox Mountain GCCS include the A7 flare, the A9 flare, and the third party LFGTE plant. These devices operate on different PGE utility meters, therefor an outage to one does not necessarily result in a power outage to the entire GCCS. The power outage to the A7 flare meter itself lasted 23:18 hours in duration.

Feel free to reference a page if I've overlooked anything regarding the aforementioned points. Thank you.

Regards,

Romelle Guittap
Air Quality Inspector
Compliance & Enforcement Division
375 Beale Street, Suite 600
San Francisco, CA 94105
W: (415) 749-4654 | **C**: (415) 793-1235
www.baaqmd.gov | www.sparetheair.org
BAY AREA AIR QUALITY MANAGEMENT DISTRICT

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, 2022 through September 30, 2022

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: OXEW1908	6/21/22 09:00	6/21/22 09:02	0.03	1,989.00 hours	Well offline due to construction per the 118 Construction Plan submitted on June 7, 2022. Approval to the 118 Plan was granted on June 15, 2022.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection X 118: Construction Activities	6/21/2022	X Manual Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW1908	9/12/22 06:00	9/12/22 06:02	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection X 118: Construction Activities	9/12/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Well ID Number: OXEW2101	6/22/22 05:30	6/22/22 05:32	0.03	210.50 hours as of October 1, 2022	Well offline due to construction per the 118 Construction Plan submitted on June 7, 2022. Approval to the 118 Plan was granted on June 15, 2022.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/22/2022	X Manual Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Well ID Number:						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities		Manual Automatic
Startup Event								
Shutdown Event								
Malfunction Event								
Well ID Number: OXEW2019	6/22/22 05:35	6/22/22 05:37	0.03	151.42 hours	Well offline due to construction per the 118 Construction Plan submitted on June 7, 2022. Approval to the 118 Plan was granted on June 15, 2022.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/22/2022	X Manual Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW2019	6/28/22 13:00	6/28/22 13:02	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/28/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Well ID Number: OXEW2025	6/22/22 05:40	6/22/22 05:42	0.03	1,995.87 hours	Well offline due to construction per the 118 Construction Plan submitted on June 7, 2022. Approval to the 118 Plan was granted on June 15, 2022.	113: Inspection and Maintenance 116: Well Raising 117: Gas Collection X 118: Construction Activities	6/22/2022	X Manual Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW2025	9/13/22 09:32	9/13/22 09:34	0.03			113: Inspection and Maintenance 116: Well Raising 117: Gas Collection X 118: Construction Activities	9/13/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Well ID Number: OXSS2034	6/30/22 10:19	6/30/22 10:21	0.03		Well started up pursuant to Application Number (A/N) 30889.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/30/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Well ID Number:						113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	1/0/1900	Manual Automatic
Startup Event								
Shutdown Event								
Malfunction Event								
Well ID Number: OXEW1910	8/15/22 07:17	8/15/22 07:19	0.03	1,011.87 hours	Well offline due to construction per the 118 Construction Plan submitted on June 7, 2022. Approval to the 118 Plan was granted on June 15, 2022.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/15/2022	X Manual Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Well ID Number: OXEW1910	9/26/22 11:09	9/26/22 11:11	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/26/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: Wellfield

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

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: OXEW2006	8/17/22 09:05	8/17/22 09:07	0.03		Well decommissioned	113: Inspection and Maintenance	8/17/2022	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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: OXMEW303	8/17/22 09:10	8/17/22 09:12	0.03		Well decommissioned	113: Inspection and Maintenance	8/17/2022	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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: OXEW1918	8/17/22 09:15	8/17/22 09:17	0.03		Well decommissioned	113: Inspection and Maintenance	8/17/2022	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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: OXEW2207	8/22/22 13:39	8/22/22 13:41	0.03		Well started up	113: Inspection and Maintenance	8/22/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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: OXEW2208	8/22/22 15:20	8/22/22 15:22	0.03		Well started up	113: Inspection and Maintenance	8/22/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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: OXEW2209	8/22/22 13:53	8/22/22 13:55	0.03		Well started up	113: Inspection and Maintenance	8/22/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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, 2022 through September 30, 2022

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: OXEW2210	8/22/22 14:59	8/22/22 15:01	0.03		Well started up		8/22/2022	X	Manual
X Startup Event						113: Inspection and Maintenance			
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
Well ID Number:						X 118: Construction Activities			
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			
Malfunction Event						117: Gas Collection			Automatic
						118: Construction Activities			
Well ID Number: OXEW2211	8/22/22 14:37	8/22/22 14:39	0.03		Well started up		8/22/2022	X	Manual
X Startup Event						113: Inspection and Maintenance			
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
Well ID Number:						X 118: Construction Activities			
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			
Malfunction Event						117: Gas Collection			Automatic
						118: Construction Activities			
Well ID Number: OXEW2212	8/22/22 14:23	8/22/22 14:25	0.03		Well started up		8/22/2022	X	Manual
X Startup Event						113: Inspection and Maintenance			
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
Well ID Number:						X 118: Construction Activities			
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			
Malfunction Event						117: Gas Collection			Automatic
						118: Construction Activities			
Well ID Number: OXEW2213	8/22/22 14:07	8/22/22 14:09	0.03		Well started up		8/22/2022	X	Manual
X Startup Event						113: Inspection and Maintenance			
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
Well ID Number:						X 118: Construction Activities			
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			
Malfunction Event						117: Gas Collection			Automatic
						118: Construction Activities			
Well ID Number: OXEW2214	8/22/22 14:49	8/22/22 14:51	0.03		Well started up		8/22/2022	X	Manual
X Startup Event						113: Inspection and Maintenance			
Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
Well ID Number:						X 118: Construction Activities			
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			
Malfunction Event						117: Gas Collection			Automatic
						118: Construction Activities			
Well ID Number: OXEW1715	8/24/22 12:44	8/24/22 12:46	0.03		Well decommissioned		8/24/2022	X	Manual
Startup Event						113: Inspection and Maintenance			
X Shutdown Event						116: Well Raising			Automatic
Malfunction Event						117: Gas Collection			
Well ID Number:						X 118: Construction Activities			
Startup Event						113: Inspection and Maintenance			Manual
Shutdown Event						116: Well Raising			
Malfunction Event						117: Gas Collection			Automatic
						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, 2022 through September 30, 2022

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: OXSS2033	9/08/22 09:32	9/08/22 09:34	0.03		Well started up.	113: Inspection and Maintenance	9/8/2022	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: OXEW2019	9/12/22 09:23	9/12/22 09:25	0.03	446.62 hours as of October 1, 2022	Well offline due to construction per the 118 Construction Plan submitted on June 7, 2022. Approval to the 118 Plan was granted on June 15, 2022.	113: Inspection and Maintenance	9/12/2022	X Manual
Startup Event						116: Well Raising		
X 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: OXEW1909	9/12/22 09:30	9/12/22 09:32	0.03	337.65 hours	Well offline due to construction per the 118 Construction Plan submitted on June 7, 2022. Approval to the 118 Plan was granted on June 15, 2022.	113: Inspection and Maintenance	9/12/2022	X Manual
Startup Event						116: Well Raising		
X Shutdown Event						X 117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW1909	9/26/22 11:09	9/26/22 11:11	0.03			113: Inspection and Maintenance	9/26/2022	X Manual
X Startup Event						116: Well Raising		
Shutdown Event						X 117: Gas Collection		Automatic
Malfunction Event						118: Construction Activities		
Well ID Number: OXEW2027	9/27/22 08:43	9/27/22 08:45	0.03	87.28 hours as of October 1, 2022	Well offline due to construction per the 118 Construction Plan submitted on June 7, 2022. Approval to the 118 Plan was granted on June 15, 2022.	113: Inspection and Maintenance	9/27/2022	X Manual
Startup Event						116: Well Raising		
X 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		

[1]Well is offline as of the end of the reporting period; therefore, downtime is calculated as of October 1, 2022 at 00:00.

APPENDIX D

FLARE AND IC ENGINES SSM LOG

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

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	4/06/22 19:30	4/06/22 19:32	0.03	0.27 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	4/6/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	4/06/22 19:46	4/06/22 19:48	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	4/6/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	5/06/22 10:08	5/06/22 10:10	0.03	0.83 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	5/6/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	5/06/22 10:58	5/06/22 11:00	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	5/6/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	5/09/22 08:58	5/09/22 09:00	0.03	0.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	5/9/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	5/09/22 09:04	5/09/22 09:06	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	5/9/2022		Manual
X Startup Event								X	Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/03/22 13:28	6/03/22 13:30	0.03	0.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/3/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/03/22 13:48	6/03/22 13:50	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/3/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/09/22 05:34	6/09/22 05:36	0.03	1.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/9/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	6/09/22 06:48	6/09/22 06:50	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/9/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/10/22 07:36	6/10/22 07:38	0.03	0.17 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/10/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/10/22 07:46	6/10/22 07:48	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/10/2022		Manual
X Startup Event								X	Automatic
Shutdown Event									
Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

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	6/13/22 11:56	6/13/22 11:58	0.03	0.37 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/13/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/13/22 12:18	6/13/22 12:20	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/13/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/23/22 20:02	6/23/22 20:04	0.03	0.97 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/23/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	6/23/22 21:00	6/23/22 21:02	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/23/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/23/22 23:40	6/23/22 23:42	0.03	7.73 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/23/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	6/24/22 07:24	6/24/22 07:26	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/24/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/24/22 09:54	6/24/22 09:56	0.03	0.33 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/24/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	6/24/22 10:14	6/24/22 10:16	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/24/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/24/22 12:58	6/24/22 13:00	0.03	1.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/24/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	6/24/22 14:12	6/24/22 14:14	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/24/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/24/22 16:34	6/24/22 16:36	0.03	17.43 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/24/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	6/25/22 10:00	6/25/22 10:02	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/25/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

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	6/25/22 19:52	6/25/22 19:54	0.03	15.27 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/25/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	6/26/22 11:08	6/26/22 11:10	0.03			113: Inspection and Maintenance	6/26/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	6/26/22 18:02	6/26/22 18:04	0.03	14.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/26/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	6/27/22 08:26	6/27/22 08:28	0.03			113: Inspection and Maintenance	6/27/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	6/27/22 20:28	6/27/22 20:30	0.03	11.50 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/27/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	6/28/22 07:58	6/28/22 08:00	0.03			113: Inspection and Maintenance	6/28/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	6/28/22 12:08	6/28/22 12:10	0.03	0.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	6/28/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	6/28/22 12:28	6/28/22 12:30	0.03			113: Inspection and Maintenance	6/28/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	6/28/22 22:50	6/28/22 22:52	0.03	8.90 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/28/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	6/29/22 07:44	6/29/22 07:46	0.03			113: Inspection and Maintenance	6/29/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	6/29/22 10:46	6/29/22 10:48	0.03	1.43 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	6/29/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	6/29/22 12:12	6/29/22 12:14	0.03			113: Inspection and Maintenance	6/29/2022	X	Manual
X Startup Event						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, 2022 through September 30, 2022

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	6/30/22 06:40	6/30/22 06:42	0.03	1.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/30/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	6/30/22 07:54	6/30/22 07:56	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/30/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	6/30/22 21:08	6/30/22 21:10	0.03	10.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/30/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/01/22 07:48	7/01/22 07:50	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/1/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/01/22 20:56	7/01/22 20:58	0.03	12.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/1/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/02/22 09:04	7/02/22 09:06	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/2/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/02/22 15:40	7/02/22 15:42	0.03	18.87 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/2/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/03/22 10:32	7/03/22 10:34	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/3/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/03/22 18:56	7/03/22 18:58	0.03	15.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/3/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/04/22 10:24	7/04/22 10:26	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/4/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/05/22 08:30	7/05/22 08:32	0.03	0.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/5/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/05/22 09:04	7/05/22 09:06	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/5/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

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	7/05/22 11:32	7/05/22 11:34	0.03	0.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/5/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/05/22 12:06	7/05/22 12:08	0.03			113: Inspection and Maintenance	7/5/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/05/22 13:38	7/05/22 13:40	0.03	1.00 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/5/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/05/22 14:38	7/05/22 14:40	0.03			113: Inspection and Maintenance	7/5/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/05/22 19:48	7/05/22 19:50	0.03	12.17 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/5/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/06/22 07:58	7/06/22 08:00	0.03			113: Inspection and Maintenance	7/6/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/06/22 19:50	7/06/22 19:52	0.03	12.73 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/6/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/07/22 08:34	7/07/22 08:36	0.03			113: Inspection and Maintenance	7/7/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/07/22 18:36	7/07/22 18:38	0.03	13.90 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/7/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/08/22 08:30	7/08/22 08:32	0.03			113: Inspection and Maintenance	7/8/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/08/22 08:46	7/08/22 08:48	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	7/8/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/08/22 08:56	7/08/22 08:58	0.03			113: Inspection and Maintenance	7/8/2022	X	Manual
X Startup Event						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, 2022 through September 30, 2022

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	7/09/22 06:56	7/09/22 06:58	0.03	1.83 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/9/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/09/22 08:46	7/09/22 08:48	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/9/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/09/22 11:46	7/09/22 11:48	0.03	22.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/9/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/10/22 09:52	7/10/22 09:54	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/10/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/10/22 22:06	7/10/22 22:08	0.03	10.73 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/10/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/11/22 08:50	7/11/22 08:52	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/11/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/11/22 19:10	7/11/22 19:12	0.03	13.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/11/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/12/22 08:14	7/12/22 08:16	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/12/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/12/22 08:28	7/12/22 08:30	0.03	0.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/12/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/12/22 08:40	7/12/22 08:42	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/12/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/12/22 10:20	7/12/22 10:22	0.03	0.33 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/12/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/12/22 10:40	7/12/22 10:42	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/12/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

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	7/12/22 11:30	7/12/22 11:32	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/12/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/12/22 11:48	7/12/22 11:50	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/12/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/12/22 12:02	7/12/22 12:04	0.03	0.70 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/12/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/12/22 12:44	7/12/22 12:46	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/12/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/12/22 17:16	7/12/22 17:18	0.03	15.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/12/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/13/22 08:40	7/13/22 08:42	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/13/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/13/22 09:06	7/13/22 09:08	0.03	0.33 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/13/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/13/22 09:26	7/13/22 09:28	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/13/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/13/22 09:54	7/13/22 09:56	0.03	1.60 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/13/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/13/22 11:30	7/13/22 11:32	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/13/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	7/13/22 12:34	7/13/22 12:36	0.03	0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/13/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	7/13/22 12:48	7/13/22 12:50	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/13/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

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	7/13/22 13:30	7/13/22 13:32	0.03	0.63 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/13/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/13/22 14:08	7/13/22 14:10	0.03			113: Inspection and Maintenance	7/13/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/13/22 15:42	7/13/22 15:44	0.03	9.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/13/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/14/22 01:22	7/14/22 01:24	0.03			113: Inspection and Maintenance	7/14/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/14/22 04:52	7/14/22 04:54	0.03	4.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/14/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/14/22 09:32	7/14/22 09:34	0.03			113: Inspection and Maintenance	7/14/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/14/22 21:48	7/14/22 21:50	0.03	10.73 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/14/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/15/22 08:32	7/15/22 08:34	0.03			113: Inspection and Maintenance	7/15/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/15/22 18:16	7/15/22 18:18	0.03	2.03 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/15/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/15/22 20:18	7/15/22 20:20	0.03			113: Inspection and Maintenance	7/15/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/15/22 21:50	7/15/22 21:52	0.03	10.97 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/15/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/16/22 08:48	7/16/22 08:50	0.03			113: Inspection and Maintenance	7/16/2022	X	Manual
X Startup Event						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, 2022 through September 30, 2022

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	7/16/22 20:04	7/16/22 20:06	0.03	12.80 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/16/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/17/22 08:52	7/17/22 08:54	0.03			113: Inspection and Maintenance	7/17/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/17/22 20:22	7/17/22 20:24	0.03	12.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/17/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/18/22 08:56	7/18/22 08:58	0.03			113: Inspection and Maintenance	7/18/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/19/22 06:04	7/19/22 06:06	0.03	2.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/19/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/19/22 09:00	7/19/22 09:02	0.03			113: Inspection and Maintenance	7/19/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/19/22 09:14	7/19/22 09:16	0.03	0.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/19/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/19/22 09:26	7/19/22 09:28	0.03			113: Inspection and Maintenance	7/19/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/19/22 14:22	7/19/22 14:24	0.03	2.90 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/19/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/19/22 17:16	7/19/22 17:18	0.03			113: Inspection and Maintenance	7/19/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/20/22 04:54	7/20/22 04:56	0.03	6.77 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/20/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/20/22 11:40	7/20/22 11:42	0.03			113: Inspection and Maintenance	7/20/2022	X	Manual
X Startup Event						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, 2022 through September 30, 2022

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	7/21/22 03:18	7/21/22 03:20	0.03	10.80 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/21/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/21/22 14:06	7/21/22 14:08	0.03			113: Inspection and Maintenance	7/21/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/21/22 16:34	7/21/22 16:36	0.03	0.33 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/21/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/21/22 16:54	7/21/22 16:56	0.03			113: Inspection and Maintenance	7/21/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/22/22 01:06	7/22/22 01:08	0.03	6.27 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/22/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/22/22 07:22	7/22/22 07:24	0.03			113: Inspection and Maintenance	7/22/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/23/22 07:06	7/23/22 07:08	0.03	4.07 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/23/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/23/22 11:10	7/23/22 11:12	0.03			113: Inspection and Maintenance	7/23/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/23/22 19:48	7/23/22 19:50	0.03	13.60 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/23/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/24/22 09:24	7/24/22 09:26	0.03			113: Inspection and Maintenance	7/24/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/24/22 16:18	7/24/22 16:20	0.03	15.83 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/24/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/25/22 08:08	7/25/22 08:10	0.03			113: Inspection and Maintenance	7/25/2022	X	Manual
X Startup Event						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, 2022 through September 30, 2022

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	7/25/22 11:24	7/25/22 11:26	0.03	0.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/25/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/25/22 11:36	7/25/22 11:38	0.03			113: Inspection and Maintenance	7/25/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/25/22 12:30	7/25/22 12:32	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/25/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/25/22 12:48	7/25/22 12:50	0.03			113: Inspection and Maintenance	7/25/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/25/22 13:02	7/25/22 13:04	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/25/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	7/25/22 13:20	7/25/22 13:22	0.03			113: Inspection and Maintenance	7/25/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	8/01/22 17:12	8/01/22 17:14	0.03	14.83 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/1/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/02/22 08:02	8/02/22 08:04	0.03			113: Inspection and Maintenance	8/2/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/02/22 10:18	8/02/22 10:20	0.03	0.83 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/2/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/02/22 11:08	8/02/22 11:10	0.03			113: Inspection and Maintenance	8/2/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/02/22 11:46	8/02/22 11:48	0.03	0.63 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/2/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/02/22 12:24	8/02/22 12:26	0.03			113: Inspection and Maintenance	8/2/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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, 2022 through September 30, 2022

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	8/02/22 15:04	8/02/22 15:06	0.03	0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/2/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/02/22 15:18	8/02/22 15:20	0.03			113: Inspection and Maintenance	8/2/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/02/22 16:48	8/02/22 16:50	0.03	15.80 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/2/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/03/22 08:36	8/03/22 08:38	0.03			113: Inspection and Maintenance	8/3/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/03/22 09:26	8/03/22 09:28	0.03	0.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/3/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/03/22 09:40	8/03/22 09:42	0.03			113: Inspection and Maintenance	8/3/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/03/22 17:24	8/03/22 17:26	0.03	15.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/3/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/04/22 08:36	8/04/22 08:38	0.03			113: Inspection and Maintenance	8/4/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/04/22 08:42	8/04/22 08:44	0.03	1.40 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/4/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/04/22 10:06	8/04/22 10:08	0.03			113: Inspection and Maintenance	8/4/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/04/22 10:28	8/04/22 10:30	0.03	0.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/4/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/04/22 11:24	8/04/22 11:26	0.03			113: Inspection and Maintenance	8/4/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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, 2022 through September 30, 2022

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	8/04/22 11:38	8/04/22 11:40	0.03	2.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/4/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/04/22 14:18	8/04/22 14:20	0.03			113: Inspection and Maintenance	8/4/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/04/22 15:04	8/04/22 15:06	0.03	0.67 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/4/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/04/22 15:44	8/04/22 15:46	0.03			113: Inspection and Maintenance	8/4/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/04/22 15:56	8/04/22 15:58	0.03	16.77 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/4/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/05/22 08:42	8/05/22 08:44	0.03			113: Inspection and Maintenance	8/5/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/05/22 14:50	8/05/22 14:52	0.03	0.17 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/5/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/05/22 15:00	8/05/22 15:02	0.03			113: Inspection and Maintenance	8/5/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/05/22 15:02	8/05/22 15:04	0.03	69.47 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/5/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/08/22 12:30	8/08/22 12:32	0.03			113: Inspection and Maintenance	8/8/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/08/22 14:00	8/08/22 14:02	0.03	43.50 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/8/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/10/22 09:30	8/10/22 09:32	0.03			113: Inspection and Maintenance	8/10/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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, 2022 through September 30, 2022

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	8/10/22 11:46	8/10/22 11:48	0.03	1.93 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/10/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/10/22 13:42	8/10/22 13:44	0.03			113: Inspection and Maintenance	8/10/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/10/22 19:02	8/10/22 19:04	0.03	15.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/10/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/11/22 10:08	8/11/22 10:10	0.03			113: Inspection and Maintenance	8/11/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/11/22 15:22	8/11/22 15:24	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/11/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/11/22 15:34	8/11/22 15:36	0.03			113: Inspection and Maintenance	8/11/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/11/22 20:46	8/11/22 20:48	0.03	11.60 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/11/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/12/22 08:22	8/12/22 08:24	0.03			113: Inspection and Maintenance	8/12/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/12/22 09:34	8/12/22 09:36	0.03	0.93 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/12/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/12/22 10:30	8/12/22 10:32	0.03			113: Inspection and Maintenance	8/12/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/12/22 14:06	8/12/22 14:08	0.03	0.70 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/12/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/12/22 14:48	8/12/22 14:50	0.03			113: Inspection and Maintenance	8/12/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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, 2022 through September 30, 2022

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	8/12/22 15:02	8/12/22 15:04	0.03	17.97 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/12/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/13/22 09:00	8/13/22 09:02	0.03			113: Inspection and Maintenance	8/13/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/13/22 09:08	8/13/22 09:10	0.03	0.33 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/13/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/13/22 09:28	8/13/22 09:30	0.03			113: Inspection and Maintenance	8/13/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/13/22 09:30	8/13/22 09:32	0.03	146.03 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/13/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/19/22 11:32	8/19/22 11:34	0.03			113: Inspection and Maintenance	8/19/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/19/22 12:26	8/19/22 12:28	0.03	29.90 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/19/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/20/22 18:20	8/20/22 18:22	0.03			113: Inspection and Maintenance	8/20/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/20/22 18:34	8/20/22 18:36	0.03	42.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/20/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/22/22 12:40	8/22/22 12:42	0.03			113: Inspection and Maintenance	8/22/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/22/22 12:44	8/22/22 12:46	0.03	0.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/22/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/22/22 12:52	8/22/22 12:54	0.03			113: Inspection and Maintenance	8/22/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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, 2022 through September 30, 2022

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	8/22/22 12:54	8/22/22 12:56	0.03	6.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/22/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/22/22 19:08	8/22/22 19:10	0.03			113: Inspection and Maintenance	8/22/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/26/22 08:10	8/26/22 08:12	0.03	0.17 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/26/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/26/22 08:20	8/26/22 08:22	0.03			113: Inspection and Maintenance	8/26/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/26/22 23:02	8/26/22 23:04	0.03	12.83 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/26/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/27/22 11:52	8/27/22 11:54	0.03			113: Inspection and Maintenance	8/27/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/28/22 04:30	8/28/22 04:32	0.03	0.23 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/28/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/28/22 04:44	8/28/22 04:46	0.03			113: Inspection and Maintenance	8/28/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/28/22 19:40	8/28/22 19:42	0.03	12.93 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	8/28/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/29/22 08:36	8/29/22 08:38	0.03			113: Inspection and Maintenance	8/29/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/30/22 12:58	8/30/22 13:00	0.03	0.27 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	8/30/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						117: Gas Collection		X	Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/30/22 13:14	8/30/22 13:16	0.03			113: Inspection and Maintenance	8/30/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 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, 2022 through September 30, 2022

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	8/31/22 07:44	8/31/22 07:46	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/31/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/31/22 08:02	8/31/22 08:04	0.03			113: Inspection and Maintenance	8/31/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/31/22 08:50	8/31/22 08:52	0.03	0.43 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/31/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/31/22 09:16	8/31/22 09:18	0.03			113: Inspection and Maintenance	8/31/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	8/31/22 21:12	8/31/22 21:14	0.03	10.87 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	8/31/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection		X	Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	9/01/22 08:04	9/01/22 08:06	0.03			113: Inspection and Maintenance	9/1/2022	X	Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
X Malfunction Event						X 118: Construction Activities			
Component: A-7 Flare	9/01/22 10:20	9/01/22 10:22	0.03	0.17 hours	Flare shut down due to low temperature	113: Inspection and Maintenance	9/1/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/01/22 10:30	9/01/22 10:32	0.03			113: Inspection and Maintenance	9/1/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/01/22 10:48	9/01/22 10:50	0.03	0.17 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/1/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/01/22 10:58	9/01/22 11:00	0.03			113: Inspection and Maintenance	9/1/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/02/22 09:44	9/02/22 09:46	0.03	0.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/2/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/02/22 09:52	9/02/22 09:54	0.03			113: Inspection and Maintenance	9/2/2022	X	Manual
X Startup Event						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, 2022 through September 30, 2022

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	9/03/22 20:20	9/03/22 20:22	0.03	13.70 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/3/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	9/04/22 10:02	9/04/22 10:04	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/4/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/05/22 12:16	9/05/22 12:18	0.03	2.43 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/5/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	9/05/22 14:42	9/05/22 14:44	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/5/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/05/22 14:54	9/05/22 14:56	0.03	0.13 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/5/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/05/22 15:02	9/05/22 15:04	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/5/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/06/22 06:28	9/06/22 06:30	0.03	0.63 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/06/22 07:06	9/06/22 07:08	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/06/22 12:08	9/06/22 12:10	0.03	0.20 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/06/22 12:20	9/06/22 12:22	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/06/22 18:34	9/06/22 18:36	0.03	1.23 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/06/22 19:48	9/06/22 19:50	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

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	9/07/22 15:56	9/07/22 15:58	0.03	1.30 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/7/2022		Manual
X Startup Event Shutdown Event Malfunction Event								X	Automatic
Component: A-7 Flare	9/07/22 17:14	9/07/22 17:16	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/7/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic
Component: A-7 Flare	9/08/22 13:46	9/08/22 13:48	0.03	0.17 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/8/2022		Manual
X Startup Event Shutdown Event Malfunction Event								X	Automatic
Component: A-7 Flare	9/08/22 13:56	9/08/22 13:58	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/8/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic
Component: A-7 Flare	9/09/22 14:32	9/09/22 14:34	0.03	0.13 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/9/2022		Manual
X Startup Event Shutdown Event Malfunction Event								X	Automatic
Component: A-7 Flare	9/09/22 14:40	9/09/22 14:42	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/9/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic
Component: A-7 Flare	9/09/22 15:40	9/09/22 15:42	0.03	1.97 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/9/2022		Manual
X Startup Event Shutdown Event Malfunction Event								X	Automatic
Component: A-7 Flare	9/09/22 17:38	9/09/22 17:40	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/9/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic
Component: A-7 Flare	9/11/22 17:12	9/11/22 17:14	0.03	2.20 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/11/2022		Manual
X Startup Event Shutdown Event Malfunction Event								X	Automatic
Component: A-7 Flare	9/11/22 19:24	9/11/22 19:26	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/11/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic
Component: A-7 Flare	9/13/22 15:50	9/13/22 15:52	0.03	0.60 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/13/2022		Manual
X Startup Event Shutdown Event Malfunction Event								X	Automatic
Component: A-7 Flare	9/13/22 16:26	9/13/22 16:28	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/13/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

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	9/13/22 23:36	9/13/22 23:38	0.03	8.27 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/13/2022		Manual
Startup Event X Shutdown Event Malfunction Event								X	Automatic
Component: A-7 Flare	9/14/22 07:52	9/14/22 07:54	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/14/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic
Component: A-7 Flare	9/16/22 11:14	9/16/22 11:16	0.03	0.40 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/16/2022		Manual
Startup Event X Shutdown Event Malfunction Event								X	Automatic
Component: A-7 Flare	9/16/22 11:38	9/16/22 11:40	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/16/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic
Component: A-7 Flare	9/18/22 10:38	9/18/22 10:40	0.03	3.17 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/18/2022		Manual
Startup Event Shutdown Event X Malfunction Event								X	Automatic
Component: A-7 Flare	9/18/22 13:48	9/18/22 13:50	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/18/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic
Component: A-7 Flare	9/19/22 00:10	9/19/22 00:12	0.03	7.80 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/19/2022		Manual
Startup Event Shutdown Event X Malfunction Event								X	Automatic
Component: A-7 Flare	9/19/22 07:58	9/19/22 08:00	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/19/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic
Component: A-7 Flare	9/20/22 14:30	9/20/22 14:32	0.03	0.17 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/20/2022		Manual
Startup Event Shutdown Event X Malfunction Event								X	Automatic
Component: A-7 Flare	9/20/22 14:40	9/20/22 14:42	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/20/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic
Component: A-7 Flare	9/20/22 23:28	9/20/22 23:30	0.03	8.77 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/20/2022		Manual
Startup Event Shutdown Event X Malfunction Event								X	Automatic
Component: A-7 Flare	9/21/22 08:14	9/21/22 08:16	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/21/2022	X	Manual
X Startup Event Shutdown Event Malfunction Event									Automatic

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

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	9/21/22 17:06	9/21/22 17:08	0.03	0.90 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/21/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/21/22 18:00	9/21/22 18:02	0.03			113: Inspection and Maintenance	9/21/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/21/22 21:46	9/21/22 21:48	0.03	10.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/21/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/22/22 08:20	9/22/22 08:22	0.03			113: Inspection and Maintenance	9/22/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/23/22 00:36	9/23/22 00:38	0.03	7.70 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/23/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/23/22 08:18	9/23/22 08:20	0.03			113: Inspection and Maintenance	9/23/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/24/22 07:02	9/24/22 07:04	0.03	3.90 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/24/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/24/22 10:56	9/24/22 10:58	0.03			113: Inspection and Maintenance	9/24/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/24/22 20:58	9/24/22 21:00	0.03	12.57 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/24/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/25/22 09:32	9/25/22 09:34	0.03			113: Inspection and Maintenance	9/25/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/26/22 03:44	9/26/22 03:46	0.03	5.10 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/26/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/26/22 08:50	9/26/22 08:52	0.03			113: Inspection and Maintenance	9/26/2022	X	Manual
X Startup Event						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, 2022 through September 30, 2022

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	9/26/22 10:38	9/26/22 10:40	0.03	0.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/26/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	9/26/22 10:50	9/26/22 10:52	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/26/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/28/22 13:34	9/28/22 13:36	0.03	0.17 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/28/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	9/28/22 13:44	9/28/22 13:46	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/28/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/28/22 13:56	9/28/22 13:58	0.03	0.13 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/28/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/28/22 14:04	9/28/22 14:06	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/28/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/28/22 14:26	9/28/22 14:28	0.03	0.17 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/28/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/28/22 14:36	9/28/22 14:38	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/28/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/29/22 08:22	9/29/22 08:24	0.03	0.33 hours	Flare shut down due to low temperature	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/29/2022		Manual
Startup Event								X	Automatic
X Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/29/22 08:42	9/29/22 08:44	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/29/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									
Component: A-7 Flare	9/30/22 06:00	9/30/22 06:02	0.03	2.23 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/30/2022		Manual
Startup Event								X	Automatic
Shutdown Event									
X Malfunction Event									
Component: A-7 Flare	9/30/22 08:14	9/30/22 08:16	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/30/2022	X	Manual
X Startup Event									Automatic
Shutdown Event									
Malfunction Event									

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-7 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

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	9/30/22 10:30	9/30/22 10:32	0.03	0.13 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	9/30/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/30/22 10:38	9/30/22 10:40	0.03			113: Inspection and Maintenance	9/30/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/30/22 10:52	9/30/22 10:54	0.03	0.77 hours	Flare shut down due to low temperature	113: Inspection and Maintenance	9/30/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/30/22 11:38	9/30/22 11:40	0.03			113: Inspection and Maintenance	9/30/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/30/22 12:02	9/30/22 12:04	0.03	0.53 hours	Flare shut down due to low temperature	113: Inspection and Maintenance	9/30/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-7 Flare	9/30/22 12:34	9/30/22 12:36	0.03			113: Inspection and Maintenance	9/30/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			

TOTAL DOWNTIME HOURS:	**971.37**
TOTAL AVAILABLE HOURS:	**4,392.00**
TOTAL REPORTING PERIOD RUNTIME (HOURS):	**3,420.63**
RUNTIME PERCENTAGE:	**77.88%**

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, 2022 through September 30, 2022									
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, 2022 through September 30, 2022.	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:	**4,392.00**
TOTAL AVAILABLE HOURS:	**4,392.00**
TOTAL REPORTING PERIOD RUNTIME (HOURS):	**0.00**
RUNTIME PERCENTAGE:	**0.00%**

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-9 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare				78.63 hours	Flare shut down due Ameresco landfill gas to energy (LFGTE) operation.	113: Inspection and Maintenance			Manual
Startup Event						116: Well Raising			
Shutdown Event						117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	4/04/22 06:38	4/04/22 06:40	0.03			113: Inspection and Maintenance	4/4/2022		Manual
X Startup Event						116: Well Raising		X	
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	4/06/22 09:52	4/06/22 09:54	0.03	9.37 hours	Flare shut down due a power failure.	113: Inspection and Maintenance	4/6/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare	4/06/22 19:14	4/06/22 19:16	0.03			113: Inspection and Maintenance	4/6/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	4/10/22 18:32	4/10/22 18:34	0.03	0.17 hours	Flare shut down due Ameresco LFGTE operation.	113: Inspection and Maintenance	4/10/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	4/10/22 18:42	4/10/22 18:44	0.03			113: Inspection and Maintenance	4/10/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	4/11/22 07:20	4/11/22 07:22	0.03	386.37 hours	Flare shut down due Ameresco LFGTE operation.	113: Inspection and Maintenance	4/11/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	4/27/22 09:42	4/27/22 09:44	0.03			113: Inspection and Maintenance	4/27/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	4/27/22 10:48	4/27/22 10:50	0.03	54.33 hours	Flare shut down due Ameresco LFGTE operation.	113: Inspection and Maintenance	4/27/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	4/29/22 17:08	4/29/22 17:10	0.03			113: Inspection and Maintenance	4/29/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	4/29/22 17:28	4/29/22 17:30	0.03	340.57 hours	Flare shut down due Ameresco LFGTE operation.	113: Inspection and Maintenance	4/29/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	5/13/22 22:02	5/13/22 22:04	0.03			113: Inspection and Maintenance	5/13/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	5/13/22 22:08	5/13/22 22:10	0.03	0.20 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance	5/13/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare	5/13/22 22:20	5/13/22 22:22	0.03			113: Inspection and Maintenance	5/13/2022		Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-9 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-9 Flare	5/14/22 10:48	5/14/22 10:50	0.03	122.93 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	5/14/2022	Manual X Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	5/19/22 13:44	5/19/22 13:46	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	5/19/2022	X Manual Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	5/19/22 13:48	5/19/22 13:50	0.03	0.10 hours	Flare shut down due to pilot failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	5/19/2022	Manual X Automatic
	Startup Event							
	Shutdown Event							
X	Malfunction Event							
Component: A-9 Flare	5/19/22 13:54	5/19/22 13:56	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	5/19/2022	Manual X Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	5/19/22 14:46	5/19/22 14:48	0.03	0.27 hours	Flare shut down due to pilot failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	5/19/2022	Manual X Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	5/19/22 15:02	5/19/22 15:04	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	5/19/2022	X Manual Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	5/19/22 15:06	5/19/22 15:08	0.03	358.10 hours	Flare shut down due Ameresco LFGTE operation.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	5/19/2022	X Manual Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	6/03/22 13:12	6/03/22 13:14	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/3/2022	X Manual Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	6/03/22 13:20	6/03/22 13:22	0.03	162.87 hours	Flare shut down due Ameresco LFGTE operation.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/3/2022	Manual X Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	6/10/22 08:12	6/10/22 08:14	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/10/2022	X Manual Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	6/12/22 11:52	6/12/22 11:54	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/12/2022	Manual X Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	6/12/22 11:58	6/12/22 12:00	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/12/2022	Manual X Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	6/12/22 12:02	6/12/22 12:04	0.03	0.17 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/12/2022	Manual X Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	6/12/22 12:12	6/12/22 12:14	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	6/12/2022	X Manual Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-9 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare	6/12/22 16:50	6/12/22 16:52	0.03	689.90 hours	Flare shut down due Ameresco LFGTE operation.	113: Inspection and Maintenance	6/12/2022	X	Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/22 10:44	7/11/22 10:46	0.03			113: Inspection and Maintenance	7/11/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/22 10:46	7/11/22 10:48	0.03	0.10 hours	Flare shutdown due to pilot failure.	113: Inspection and Maintenance	7/11/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/22 10:52	7/11/22 10:54	0.03			113: Inspection and Maintenance	7/11/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/22 11:22	7/11/22 11:24	0.03	0.07 hours	Flare shutdown due to pilot failure.	113: Inspection and Maintenance	7/11/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/22 11:26	7/11/22 11:28	0.03			113: Inspection and Maintenance	7/11/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/22 11:28	7/11/22 11:30	0.03	0.07 hours	Flare shutdown due to pilot failure.	113: Inspection and Maintenance	7/11/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/22 11:32	7/11/22 11:34	0.03			113: Inspection and Maintenance	7/11/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/11/22 12:04	7/11/22 12:06	0.03	194.73 hours	Flare shut down due to Ameresco LFGTE facility operation.	113: Inspection and Maintenance	7/11/2022	X	Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/19/22 14:48	7/19/22 14:50	0.03			113: Inspection and Maintenance	7/19/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/19/22 15:02	7/19/22 15:04	0.03	0.20 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/19/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/19/22 15:14	7/19/22 15:16	0.03			113: Inspection and Maintenance	7/19/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/19/22 15:30	7/19/22 15:32	0.03	0.30 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance	7/19/2022		Manual
Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection		X	Automatic
X Malfunction Event						118: Construction Activities			
Component: A-9 Flare	7/19/22 15:48	7/19/22 15:50	0.03			113: Inspection and Maintenance	7/19/2022	X	Manual
X Startup Event						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, 2022 through September 30, 2022

Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-9 Flare	7/19/22 16:14	7/19/22 16:16	0.03	15.80 hours	Flare shut down due to flame failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/19/2022	Manual X Automatic
X Malfunction Event								
Component: A-9 Flare	7/20/22 08:02	7/20/22 08:04	0.03			X 113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	7/20/2022	X Manual Automatic
X Startup Event								
Component: A-9 Flare	7/20/22 11:18	7/20/22 11:20	0.03	20.20 hours	Flare shut down due to the annual source test.	X 113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	7/20/2022	Manual X Automatic
X Shutdown Event								
Component: A-9 Flare	7/21/22 07:30	7/21/22 07:32	0.03			X 113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	7/21/2022	X Manual Automatic
X Startup Event								
Component: A-9 Flare	7/21/22 07:32	7/21/22 07:34	0.03	0.07 hours	Flare shut down due to the annual source test.	X 113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	7/21/2022	Manual X Automatic
X Shutdown Event								
Component: A-9 Flare	7/21/22 07:36	7/21/22 07:38	0.03			X 113: Inspection and Maintenance 116: Well Raising 117: Gas Collection 118: Construction Activities	7/21/2022	X Manual Automatic
X Startup Event								
Component: A-9 Flare	7/21/22 12:48	7/21/22 12:50	0.03	94.13 hours	Flare shut down due to Ameresco LFGTE facility operation.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/21/2022	Manual X Automatic
X Shutdown Event								
Component: A-9 Flare	7/25/22 10:56	7/25/22 10:58	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/25/2022	X Manual Automatic
X Startup Event								
Component: A-9 Flare	7/25/22 11:00	7/25/22 11:02	0.03	0.17 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/25/2022	Manual X Automatic
X Shutdown Event								
Component: A-9 Flare	7/25/22 11:10	7/25/22 11:12	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/25/2022	X Manual Automatic
X Startup Event								
Component: A-9 Flare	7/25/22 11:16	7/25/22 11:18	0.03	0.03 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/25/2022	Manual X Automatic
X Shutdown Event								
Component: A-9 Flare	7/25/22 11:18	7/25/22 11:20	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/25/2022	Manual X Automatic
X Startup Event								
Component: A-9 Flare	7/25/22 11:32	7/25/22 11:34	0.03	0.30 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/25/2022	Manual X Automatic
X Shutdown Event								
Component: A-9 Flare	7/25/22 11:50	7/25/22 11:52	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/25/2022	X Manual Automatic
X Startup Event								

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, 2022 through September 30, 2022

Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-9 Flare	7/25/22 12:06	7/25/22 12:08	0.03	0.10 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/25/2022	Manual X Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	7/25/22 12:12	7/25/22 12:14	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/25/2022	Manual X Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	7/25/22 14:00	7/25/22 14:02	0.03	189.77 hours	Flare shut down due to Ameresco LFGTE facility operation.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	7/25/2022	Manual X Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	8/02/22 11:46	8/02/22 11:48	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/2/2022	X Manual Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	8/02/22 11:56	8/02/22 11:58	0.03	189.23 hours	Flare shut down for Ameresco LFGTE facility operation.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/2/2022	X Manual Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	8/10/22 09:10	8/10/22 09:12	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/10/2022	X Manual Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	8/10/22 11:32	8/10/22 11:34	0.03	21.43 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/10/2022	Manual X Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	8/11/22 08:58	8/11/22 09:00	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/11/2022	X Manual Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	8/11/22 09:10	8/11/22 09:12	0.03	2.93 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/11/2022	Manual X Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	8/11/22 12:06	8/11/22 12:08	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/11/2022	X Manual Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	8/11/22 12:24	8/11/22 12:26	0.03	0.07 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/11/2022	Manual X Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	8/11/22 12:28	8/11/22 12:30	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/11/2022	X Manual Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	8/11/22 12:30	8/11/22 12:32	0.03	2.57 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/11/2022	Manual X Automatic
	Startup Event							
X	Shutdown Event							
	Malfunction Event							
Component: A-9 Flare	8/11/22 15:04	8/11/22 15:06	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/11/2022	X Manual Automatic
X	Startup Event							
	Shutdown Event							
	Malfunction Event							

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-9 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-9 Flare	8/11/22 15:20	8/11/22 15:22	0.03	0.17 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/11/2022	Manual X Automatic
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	8/11/22 15:30	8/11/22 15:32	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/11/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	8/11/22 16:10	8/11/22 16:12	0.03	396.00 hours	Flare shut down due to low temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/11/2022	Manual X Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	8/28/22 04:10	8/28/22 04:12	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/28/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	8/28/22 04:18	8/28/22 04:20	0.03	0.63 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/28/2022	Manual X Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	8/28/22 04:56	8/28/22 04:58	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/28/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	8/28/22 18:54	8/28/22 18:56	0.03	0.07 hours	Flare shut down due to the inlet valve failure.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/28/2022	Manual X Automatic
Startup Event								
Shutdown Event								
X Malfunction Event								
Component: A-9 Flare	8/28/22 18:58	8/28/22 19:00	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/28/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	8/28/22 19:02	8/28/22 19:04	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/28/2022	Manual X Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	8/28/22 19:08	8/28/22 19:10	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/28/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	8/28/22 19:12	8/28/22 19:14	0.03	0.13 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/28/2022	Manual X Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	8/28/22 19:20	8/28/22 19:22	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/28/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	8/28/22 19:22	8/28/22 19:24	0.03	86.67 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	8/28/2022	Manual X Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/01/22 10:02	9/01/22 10:04	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/1/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-9 Flare

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)
Component: A-9 Flare	9/01/22 10:06	9/01/22 10:08	0.03	0.37 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/1/2022	Manual X Automatic
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/01/22 10:28	9/01/22 10:30	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/1/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/01/22 10:32	9/01/22 10:34	0.03	115.60 hours	Flare shut down for Ameresco landfill gas to energy (LFGTE) facility operation.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/1/2022	Manual X Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/06/22 06:08	9/06/22 06:10	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/06/22 06:12	9/06/22 06:14	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	Manual X Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/06/22 06:18	9/06/22 06:20	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/06/22 06:22	9/06/22 06:24	0.03	0.03 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	Manual X Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/06/22 06:24	9/06/22 06:26	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/06/22 06:26	9/06/22 06:28	0.03	0.07 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	Manual X Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/06/22 06:30	9/06/22 06:32	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/06/22 06:32	9/06/22 06:34	0.03	0.17 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	Manual X Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/06/22 06:42	9/06/22 06:44	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/06/22 11:42	9/06/22 11:44	0.03	48.37 hours	Flare shut down for Ameresco LFGTE facility operation.	113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/6/2022	Manual X Automatic
Startup Event								
X Shutdown Event								
Malfunction Event								
Component: A-9 Flare	9/08/22 12:04	9/08/22 12:06	0.03			113: Inspection and Maintenance 116: Well Raising X 117: Gas Collection 118: Construction Activities	9/8/2022	X Manual Automatic
X Startup Event								
Shutdown Event								
Malfunction Event								

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: A-9 Flare

Ox Mountain Landfill - Half Moon Bay, California										
SSMP REPORT - From April 1, 2022 through September 30, 2022										
Identify Flare & Check Applicable Event	(1) Start of Event Date and Time	(2) End of Event Date and Time	(3) Duration of Event (Hours)	(4) Duration Shutdown (Hours)	(5) Cause or Reason	(6) Applicable 8-34 Exemption	(7) Date Form Completed	(8) Type of Event (Startup and Shutdown Events Only)	
Component: A-9 Flare	9/08/22 12:12	9/08/22 12:14	0.03	0.10 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/8/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/08/22 12:18	9/08/22 12:20	0.03			113: Inspection and Maintenance	9/8/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/08/22 13:30	9/08/22 13:32	0.03	122.03 hours	Flare shut down due to high temperature.	113: Inspection and Maintenance	9/8/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/13/22 15:32	9/13/22 15:34	0.03			113: Inspection and Maintenance	9/13/2022	X	Manual
X Startup Event						116: Well Raising			
Shutdown Event						X 117: Gas Collection			Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 Flare	9/13/22 16:22	9/13/22 16:24	0.03	415.63 hours	Flare shut down for Ameresco LFGTE facility operation.	113: Inspection and Maintenance	9/13/2022		Manual
Startup Event						116: Well Raising			
X Shutdown Event						X 117: Gas Collection		X	Automatic
Malfunction Event						118: Construction Activities			
Component: A-9 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:	**4,122.57**
TOTAL AVAILABLE HOURS:	**4,392.00**
TOTAL REPORTING PERIOD RUNTIME (HOURS):	**269.43**
RUNTIME PERCENTAGE:	**6.13%**

[1]The A-9 Flare was offline at the beginning and end of the reporting period. For reporting purposes, the beginning and ending of the shutdown events are calculated as of April 1, 2022 at 00:00 and October 1, 2022 at 00:00, respectively.

CONTROL DEVICE AND LFG COLLECTION SYSTEM DOWNTIME LOG

AFFECTED EQUIPMENT: IC Engines

Completed By : Ameresco

Ox Mountain Landfill - Half Moon Bay, California

SSMP REPORT - From April 1, 2022 through September 30, 2022

Shutdown Date/Time mm/dd/yy hh:mm	**Startup** Date/time mm/dd/yy hh:mm	**Duration Hours**	**Engines Down**	**Type of Shutdown**	**Reason/Action**	**Comments**
4/2/22 18:47	4/2/22 21:58	3.18	6	Unplanned	Engine	Replace, and Restart
4/4/22 6:23	4/10/22 19:26	157.05	1	Unplanned	Line / Substation Maintenance	Restart Only
4/4/22 6:23	4/10/22 19:25	157.03	2	Unplanned	Line / Substation Maintenance	Repair, and Restart
4/4/22 6:24	4/10/22 19:24	157.00	3	Unplanned	Line / Substation Maintenance	Repair, Replace, and Restart
4/4/22 6:24	4/10/22 21:36	159.20	5	Unplanned	Line / Substation Maintenance	Restart Only
4/4/22 6:26	4/10/22 22:05	159.65	4	Unplanned	Line / Substation Maintenance	Restart Only
4/4/22 6:26	4/10/22 20:17	157.85	6	Unplanned	Line / Substation Maintenance	Restart Only
4/10/22 19:24	4/11/22 10:01	14.62	3	Unplanned	Engine	Repair, Replace, and
4/10/22 19:25	4/11/22 8:46	13.35	2	Unplanned	Engine	Repair, and Restart
4/10/22 19:26	4/11/22 8:54	13.47	1	Unplanned	Engine	Restart Only
4/11/22 8:46	4/11/22 12:07	3.35	2	Unplanned	Engine	Replace, and Restart
4/11/22 8:56	4/11/22 9:04	0.13	1	Unplanned	Engine	Restart Only
4/11/22 12:08	4/11/22 12:17	0.15	2	Unplanned	Engine	Restart Only
4/11/22 12:17	4/11/22 12:26	0.15	2	Unplanned	Engine	Restart Only
4/11/22 12:30	4/11/22 14:57	2.45	3	Proactive	Engine	Replace, and Restart
4/11/22 14:57	4/11/22 17:25	2.47	3	Unplanned	Engine	Replace, and Restart
4/12/22 8:51	4/12/22 9:45	0.90	3	Unplanned	Engine	Restart Only
4/17/22 14:06	4/17/22 16:14	2.13	6	Unplanned	Engine	Replace, and Restart
4/20/22 19:36	4/20/22 22:57	3.35	5	Unplanned	Engine	Replace, and Restart
4/21/22 10:46	4/21/22 15:42	4.93	5	Planned	Engine	Reconfigure, Replace, and Restart
4/21/22 16:19	4/21/22 16:36	0.28	5	Proactive	Engine	Repair, and Restart
4/21/22 16:39	4/22/22 13:42	21.05	5	Proactive	Engine	Replace, and Restart
4/22/22 13:52	4/22/22 14:10	0.30	5	Unplanned	Engine	Repair, and Restart
4/24/22 1:49	4/24/22 3:37	1.80	1	Unplanned	Generator	Repair, and Restart
4/25/22 9:01	5/3/22 13:19	196.30	1	Planned	Engine	Repair, Reconfigure, Replace, and Restart
4/25/22 9:56	4/25/22 10:25	0.48	3	Proactive	Engine	Replace, and Restart
4/27/22 8:51	4/27/22 10:50	1.98	2	Unplanned	Line / Substation Maintenance	Restart Only
4/27/22 8:52	4/27/22 10:50	1.97	3	Unplanned	Line / Substation Maintenance	Restart Only
4/27/22 8:53	4/27/22 11:00	2.12	5	Unplanned	Line / Substation Maintenance	Restart Only
4/27/22 8:54	4/27/22 10:46	1.87	4	Unplanned	Line / Substation Maintenance	Restart Only
4/27/22 8:56	4/27/22 10:44	1.80	6	Unplanned	Line / Substation Maintenance	Restart Only
4/29/22 16:27	4/29/22 17:29	1.03	2	Unplanned	Line / Substation Maintenance	Restart Only
4/29/22 16:27	4/29/22 17:40	1.22	3	Unplanned	Line / Substation Maintenance	Restart Only
4/29/22 16:27	4/29/22 17:24	0.95	5	Unplanned	Line / Substation Maintenance	Restart Only
4/29/22 16:29	4/29/22 17:13	0.73	4	Unplanned	Line / Substation Maintenance	Restart Only
4/29/22 16:29	4/29/22 17:15	0.77	6	Unplanned	Line / Substation Maintenance	Restart Only
4/30/22 15:42	4/30/22 15:51	0.15	6	Unplanned	Engine	Replace, and Restart
5/3/22 13:43	5/3/22 14:32	0.82	1	Unplanned	Engine	Repair, Reconfigure, and Restart
5/4/22 9:29	5/4/22 14:04	4.58	1	Planned	Engine	Reconfigure, and Restart
5/4/22 14:05	5/4/22 15:30	1.42	1	Unplanned	Engine	Repair, and Restart
5/4/22 19:02	5/4/22 19:31	0.48	1	Unplanned	Engine	Reconfigure, and Restart
5/5/22 9:27	5/5/22 14:30	5.05	4	Planned	Engine	Reconfigure, Replace, and Restart
5/6/22 8:01	5/6/22 8:21	0.33	1	Proactive	SCR / Catalyst / CEMS	Replace, and Restart
5/6/22 10:04	5/6/22 16:22	6.30	6	Planned	Engine	Reconfigure, Replace, and Restart

Shutdown Date/Time mm/dd/yy hh:mm	**Startup** Date/time mm/dd/yy hh:mm	**Duration Hours**	**Engines Down**	**Type of Shutdown**	**Reason/Action**	**Comments**
5/6/22 16:33	5/6/22 16:52	0.32	5	Proactive	Engine	Restart Only
5/6/22 16:58	5/6/22 17:50	0.87	3	Proactive	Engine	Reconfigure, and Restart
5/6/22 17:52	5/6/22 18:08	0.27	5	Proactive	Engine	Reconfigure, and Restart
5/6/22 18:12	5/6/22 19:05	0.88	1	Proactive	Engine	Replace, and Restart
5/6/22 19:30	5/9/22 14:24	66.90	1	Proactive	Engine	Reconfigure, and Restart
5/10/22 7:15	5/10/22 9:27	2.20	3	Proactive	Engine	Replace, and Restart
5/10/22 8:39	5/10/22 9:02	0.38	5	Unplanned	Engine	Restart Only
5/10/22 9:41	5/10/22 12:14	2.55	1	Proactive	Engine	Reconfigure, and Restart
5/11/22 6:43	5/11/22 6:53	0.17	2	Unplanned	Engine	Replace, and Restart
5/11/22 10:01	5/11/22 10:39	0.63	4	Proactive	Engine	Replace, and Restart
5/13/22 13:45	5/13/22 14:23	0.63	1	Unplanned	Engine	Restart Only
5/13/22 20:22	5/14/22 11:06	14.73	1	Unplanned	Line / Substation Maintenance	Replace, and Restart
5/13/22 20:22	5/14/22 10:44	14.37	3	Unplanned	Line / Substation Maintenance	Restart Only
5/13/22 20:23	5/14/22 11:03	14.67	2	Unplanned	Line / Substation Maintenance	Restart Only
5/13/22 20:23	5/14/22 10:37	14.23	5	Unplanned	Line / Substation Maintenance	Restart Only
5/13/22 20:25	5/14/22 10:53	14.47	4	Unplanned	Line / Substation Maintenance	Restart Only
5/13/22 20:25	5/14/22 10:42	14.28	6	Unplanned	Line / Substation Maintenance	Restart Only
5/17/22 9:01	5/17/22 9:25	0.40	1	Proactive	Engine	Restart Only
5/19/22 11:28	5/19/22 15:33	4.08	1	Unplanned	Electrical	Restart Only
5/19/22 11:28	5/19/22 15:25	3.95	2	Unplanned	Electrical	Restart Only
5/19/22 11:29	5/19/22 14:57	3.47	3	Unplanned	Electrical	Repair, Reconfigure, Replace, and Restart
5/19/22 11:29	5/19/22 14:57	3.47	3	Unplanned	Electrical	Repair, Reconfigure, Replace, and Restart
5/19/22 11:30	5/19/22 15:22	3.87	5	Unplanned	Electrical	Restart Only
5/19/22 11:31	5/19/22 15:12	3.68	4	Unplanned	Electrical	Restart Only
5/19/22 11:32	5/19/22 15:17	3.75	6	Unplanned	Electrical	Restart Only
5/19/22 14:57	5/19/22 18:25	3.47	3	Planned	Engine	Repair, Reconfigure, Replace, and Restart
5/19/22 14:57	5/19/22 18:25	3.47	3	Planned	Engine	Repair, Reconfigure, Replace, and Restart
5/19/22 15:24	5/19/22 16:02	0.63	5	Unplanned	Engine	Replace, and Restart
5/19/22 19:06	5/19/22 19:20	0.23	1	Proactive	Engine	Restart Only
5/20/22 6:11	5/20/22 14:56	8.75	3	Unplanned	Engine	Replace, and Restart
5/20/22 15:32	5/20/22 15:51	0.32	3	Proactive	Engine	Restart Only
5/21/22 9:59	5/21/22 15:48	5.82	6	Unplanned	BOP Control System	Reconfigure, and Restart
5/24/22 17:36	5/24/22 18:30	0.90	3	Unplanned	Engine	Replace, and Restart
5/24/22 18:33	5/24/22 19:24	0.85	3	Unplanned	Engine	Replace, and Restart
5/26/22 7:38	5/27/22 9:39	26.02	1	Unplanned	Engine	Replace, and Restart
5/27/22 9:45	5/27/22 10:09	0.40	1	Proactive	Engine	Replace, and Restart
5/27/22 15:02	5/28/22 21:14	30.20	1	Unplanned	Engine	Restart Only
5/31/22 8:04	5/31/22 11:04	3.00	3	Unplanned	Other	Reconfigure, and Restart
5/31/22 14:07	5/31/22 14:22	0.25	2	Unplanned	Engine	Reconfigure, and Restart
6/1/22 7:39	6/1/22 11:43	4.07	3	Proactive	Engine	Replace, and Restart
6/1/22 12:14	6/1/22 12:21	0.12	3	Unplanned	Engine	Reconfigure, and Restart
6/1/22 18:22	6/1/22 18:48	0.43	5	Unplanned	Engine	Replace, and Restart
6/3/22 13:44	6/3/22 14:27	0.72	6	Unplanned	Engine	Replace, and Restart
6/9/22 11:40	6/9/22 12:30	0.83	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, Replace, and Restart
6/10/22 7:16	6/10/22 13:15	5.98	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
6/10/22 7:16	6/10/22 13:08	5.87	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
6/10/22 7:16	6/11/22 11:03	27.78	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
6/10/22 7:16	6/11/22 10:26	27.17	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
6/10/22 7:16	6/11/22 10:57	27.68	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
6/10/22 7:16	6/12/22 15:32	56.27	2	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
6/10/22 13:26	6/11/22 10:43	21.28	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
6/10/22 13:26	6/11/22 10:30	21.07	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only

Shutdown Date/Time mm/dd/yy hh:mm	**Startup** Date/time mm/dd/yy hh:mm	**Duration Hours**	**Engines Down**	**Type of Shutdown**	**Reason/Action**	**Comments**
6/11/22 10:33	6/12/22 15:06	28.55	4	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
6/11/22 11:05	6/12/22 15:17	28.20	6	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
6/11/22 11:05	6/12/22 15:31	28.43	1	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
6/11/22 11:05	6/12/22 13:03	25.97	3	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
6/11/22 11:05	6/12/22 15:19	28.23	5	Unplanned	TSA / H2S / Siloxane Removal	Reconfigure, and Restart
6/13/22 1:22	6/13/22 1:56	0.57	6	Unplanned	Engine	Replace, and Restart
6/15/22 9:17	6/15/22 14:36	5.32	2	Planned	Engine	Reconfigure, Replace, and Restart
6/16/22 12:17	6/16/22 13:38	1.35	1	Proactive	Engine	Replace, and Restart
6/16/22 13:38	6/16/22 16:59	3.35	1	Unplanned	Engine	Replace, and Restart
6/16/22 17:00	6/16/22 17:10	0.17	1	Unplanned	Engine	Restart Only
6/16/22 17:38	6/16/22 18:28	0.83	1	Unplanned	Engine	Reconfigure, and Restart
6/21/22 10:26	6/21/22 10:56	0.50	6	Unplanned	Engine	Repair, and Restart
6/21/22 11:40	6/21/22 12:33	0.88	3	Unplanned	Engine	Repair, Reconfigure, and Restart
6/21/22 12:33	6/23/22 10:41	46.13	3	Unplanned	Engine	Repair, Reconfigure, and Restart
6/21/22 15:11	6/21/22 15:53	0.70	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
6/22/22 0:07	6/22/22 0:47	0.67	2	Unplanned	Engine	Restart Only
6/22/22 16:55	6/22/22 17:02	0.12	6	Unplanned	Engine	Replace, and Restart
6/28/22 1:54	6/28/22 4:09	2.25	2	Unplanned	Generator	Reconfigure, and Restart
6/29/22 11:57	6/29/22 12:42	0.75	1	Planned	Generator	Restart Only
6/30/22 7:21	6/30/22 7:41	0.33	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
7/4/22 21:16	7/4/22 23:21	2.08	3	Unplanned	Generator	Repair, and Restart
7/5/22 8:46	7/5/22 9:10	0.40	6	Unplanned	Engine	Replace, and Restart
7/5/22 9:17	7/5/22 9:39	0.37	5	Unplanned	Engine	Replace, and Restart
7/5/22 10:23	7/5/22 10:32	0.15	1	Unplanned	Engine	Replace, and Restart
7/9/22 21:54	7/9/22 23:29	1.58	2	Unplanned	Generator	Repair, and Restart
7/11/22 9:56	7/11/22 11:48	1.87	6	Unplanned	Oxygen Levels	Restart Only
7/11/22 9:56	7/11/22 12:04	2.13	4	Unplanned	Oxygen Levels	Restart Only
7/11/22 9:56	7/11/22 12:00	2.07	1	Unplanned	Oxygen Levels	Restart Only
7/11/22 9:56	7/11/22 12:43	2.78	3	Unplanned	Oxygen Levels	Restart Only
7/11/22 9:56	7/11/22 12:24	2.47	5	Unplanned	Oxygen Levels	Restart Only
7/11/22 9:56	7/11/22 12:13	2.28	2	Unplanned	Oxygen Levels	Restart Only
7/12/22 3:58	7/12/22 4:34	0.60	6	Unplanned	Engine	Replace, and Restart
7/13/22 23:30	7/14/22 1:55	2.42	6	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/13/22 23:30	7/14/22 2:26	2.93	2	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/13/22 23:30	7/14/22 1:39	2.15	4	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/13/22 23:30	7/14/22 1:51	2.35	1	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/13/22 23:30	7/14/22 2:22	2.87	3	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/13/22 23:30	7/14/22 2:18	2.80	5	Unplanned	TSA / H2S / Siloxane Removal	Restart Only
7/14/22 1:58	7/14/22 2:11	0.22	6	Unplanned	Engine	Replace, and Restart
7/14/22 14:34	7/14/22 17:01	2.45	1	Proactive	Generator	Reconfigure, and Restart
7/18/22 7:12	7/18/22 8:33	1.35	6	Unplanned	Engine	Replace, and Restart
7/20/22 8:11	7/20/22 18:53	10.70	5	Planned	Engine	Reconfigure, Replace, and Restart
7/20/22 9:00	7/20/22 9:05	0.08	6	Unplanned	Other	Restart Only
7/21/22 7:05	7/21/22 14:38	7.55	3	Unplanned	Engine	Repair, and Restart
7/21/22 14:40	7/21/22 14:49	0.15	3	Unplanned	Engine	Restart Only
7/21/22 15:09	7/21/22 16:12	1.05	5	Planned	Engine	Reconfigure, and Restart
7/25/22 8:57	8/1/22 10:00	159.05	3	Planned	Engine	Reconfigure, Replace, and Restart
7/25/22 10:22	7/25/22 13:32	3.17	4	Planned	Dehy. Skid / Condensate	Repair, and Restart
7/25/22 10:22	7/25/22 14:00	3.63	2	Planned	Dehy. Skid / Condensate	Repair, and Restart

Shutdown Date/Time mm/dd/yy hh:mm	**Startup** Date/time mm/dd/yy hh:mm	**Duration Hours**	**Engines Down**	**Type of Shutdown**	**Reason/Action**	**Comments**
7/25/22 10:22	7/25/22 13:55	3.55	6	Planned	Dehy. Skid / Condensate	Repair, and Restart
7/25/22 10:22	7/25/22 14:14	3.87	1	Planned	Dehy. Skid / Condensate	Repair, and Restart
7/25/22 10:22	7/25/22 13:57	3.58	5	Planned	Dehy. Skid / Condensate	Repair, and Restart
7/25/22 13:34	7/25/22 13:37	0.05	4	Unplanned	Engine	Restart Only
7/29/22 11:45	7/29/22 14:50	3.08	6	Planned	Generator	Reconfigure, and Restart
8/1/22 10:02	8/1/22 10:30	0.47	3	Planned	Generator	Restart Only
8/1/22 11:02	8/1/22 11:31	0.48	3	Planned	Generator	Restart Only
8/1/22 12:06	8/1/22 12:14	0.13	3	Planned	Generator	Restart Only
8/1/22 13:34	8/1/22 15:20	1.77	3	Planned	Engine	Reconfigure, and Restart
8/3/22 5:49	8/3/22 7:37	1.80	6	Unplanned	Engine	Replace, and Restart
8/3/22 10:43	8/3/22 16:56	6.22	4	Planned	Engine	Repair, Reconfigure, Replace, and Restart
8/10/22 8:57	8/10/22 12:29	3.53	6	Unplanned	Oxygen Levels	Replace, and Restart
8/10/22 8:57	8/10/22 11:20	2.38	4	Unplanned	Oxygen Levels	Restart Only
8/10/22 8:57	8/10/22 11:24	2.45	5	Unplanned	Oxygen Levels	Restart Only
8/10/22 8:57	8/10/22 11:28	2.52	2	Unplanned	Oxygen Levels	Restart Only
8/10/22 8:57	8/10/22 11:47	2.83	3	Unplanned	Oxygen Levels	Restart Only
8/10/22 8:57	8/10/22 11:34	2.62	1	Unplanned	Oxygen Levels	Replace, and Restart
8/11/22 8:55	8/11/22 12:40	3.75	2	Unplanned	Oxygen Levels	Restart Only
8/11/22 8:55	8/11/22 12:49	3.90	5	Unplanned	Oxygen Levels	Restart Only
8/11/22 8:56	8/11/22 12:46	3.83	1	Unplanned	Oxygen Levels	Restart Only
8/11/22 8:56	8/11/22 13:08	4.20	3	Unplanned	Oxygen Levels	Restart Only
8/11/22 8:58	8/11/22 17:49	8.85	6	Planned	Engine	Reconfigure, Replace, and Restart
8/11/22 8:58	8/11/22 12:34	3.60	4	Unplanned	Oxygen Levels	Restart Only
8/11/22 13:07	8/11/22 13:13	0.10	1	Unplanned	Engine	Reconfigure, and Restart
8/11/22 14:57	8/11/22 15:58	1.02	4	Unplanned	Oxygen Levels	Restart Only
8/11/22 14:57	8/11/22 15:54	0.95	1	Unplanned	Oxygen Levels	Restart Only
8/11/22 14:57	8/11/22 16:00	1.05	5	Unplanned	Oxygen Levels	Restart Only
8/11/22 14:57	8/11/22 16:06	1.15	3	Unplanned	Oxygen Levels	Restart Only
8/11/22 14:57	8/11/22 16:10	1.22	2	Unplanned	Oxygen Levels	Restart Only
8/12/22 9:40	8/12/22 10:22	0.70	6	Planned	Engine	Reconfigure, and Restart
8/12/22 10:36	8/12/22 14:26	3.83	1	Planned	Engine	Reconfigure, Replace, and Restart
8/17/22 7:59	8/17/22 9:30	1.52	1	Unplanned	Engine	Replace, and Restart
8/17/22 21:36	8/17/22 22:26	0.83	5	Unplanned	Engine	Replace, and Restart
8/18/22 9:37	8/18/22 10:42	1.08	2	Unplanned	Engine	Replace, and Restart
8/21/22 8:07	8/21/22 8:45	0.63	5	Unplanned	Engine	Reconfigure, and Restart
8/23/22 18:46	8/23/22 19:37	0.85	5	Unplanned	Engine	Replace, and Restart
8/25/22 13:42	8/25/22 14:33	0.85	5	Unplanned	Engine	Replace, and Restart
8/25/22 14:35	8/25/22 14:43	0.13	5	Unplanned	Engine	Restart Only
8/26/22 16:39	8/26/22 17:09	0.50	5	Unplanned	Engine	Replace, and Restart
8/27/22 5:41	8/27/22 6:54	1.22	5	Unplanned	Engine	Reconfigure, Replace, and Restart
8/28/22 3:57	8/28/22 19:51	15.90	2	Unplanned	Line / Substation Maintenance	Restart Only
8/28/22 3:57	8/28/22 19:35	15.63	1	Unplanned	Line / Substation Maintenance	Restart Only
8/28/22 3:57	8/28/22 19:21	15.40	5	Unplanned	Line / Substation Maintenance	Restart Only
8/28/22 3:59	8/28/22 20:06	16.12	4	Unplanned	Line / Substation Maintenance	Restart Only
8/28/22 3:59	8/28/22 20:17	16.30	6	Unplanned	Line / Substation Maintenance	Restart Only
8/28/22 4:00	8/29/22 8:55	28.92	3	Unplanned	Line / Substation Maintenance	Restart Only
8/29/22 5:23	8/29/22 6:04	0.68	5	Unplanned	Electrical	Reconfigure, and Restart
8/29/22 8:55	8/30/22 13:50	28.92	3	Unplanned	Line / Substation Maintenance	Restart Only
8/30/22 12:38	8/30/22 12:47	0.15	4	Unplanned	Oxygen Levels	Restart Only

Shutdown Date/Time mm/dd/yy hh:mm	**Startup** Date/time mm/dd/yy hh:mm	**Duration Hours**	**Engines Down**	**Type of Shutdown**	**Reason/Action**	**Comments**
8/30/22 12:38	8/30/22 12:50	0.20	6	Unplanned	Oxygen Levels	Restart Only
8/30/22 12:38	8/30/22 13:04	0.43	5	Unplanned	Oxygen Levels	Restart Only
8/31/22 9:25	8/31/22 11:16	1.85	5	Unplanned	Engine	Restart Only
8/31/22 12:04	8/31/22 12:28	0.40	5	Unplanned	Engine	Restart Only
8/31/22 12:46	8/31/22 12:55	0.15	5	Proactive	Engine	Replace, and Restart
8/31/22 16:08	8/31/22 17:58	1.83	5	Unplanned	Engine	Replace, and Restart
8/31/22 16:08	8/31/22 17:58	1.83	5	Unplanned	Engine	Replace, and Restart
9/1/22 9:47	9/1/22 10:53	1.10	4	Unplanned	Oxygen Levels	Restart Only
9/1/22 9:47	9/1/22 10:50	1.05	6	Unplanned	Oxygen Levels	Restart Only
9/1/22 9:47	9/1/22 10:42	0.92	2	Unplanned	Oxygen Levels	Replace, and Restart
9/1/22 9:47	9/1/22 11:00	1.22	3	Unplanned	Oxygen Levels	Restart Only
9/1/22 9:50	9/1/22 10:45	0.92	1	Unplanned	Oxygen Levels	Restart Only
9/1/22 9:53	9/1/22 11:26	1.55	5	Unplanned	Oxygen Levels	Restart Only
9/4/22 18:41	9/4/22 19:45	1.07	1	Unplanned	SCR / Catalyst / CEMS	Restart Only
9/4/22 20:19	9/4/22 21:22	1.05	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
9/4/22 22:08	9/4/22 22:33	0.42	1	Unplanned	SCR / Catalyst / CEMS	Reconfigure, and Restart
9/4/22 23:26	9/5/22 7:03	7.62	1	Unplanned	SCR / Catalyst / CEMS	Replace, and Restart
9/5/22 7:04	9/5/22 7:11	0.12	1	Unplanned	Engine	Restart Only
9/6/22 6:03	9/14/22 8:23	194.33	2	Planned	Engine	Reconfigure, Replace, and Restart
9/6/22 6:03	9/6/22 11:37	5.57	5	Unplanned	Oxygen Levels	Restart Only
9/6/22 6:03	9/6/22 11:42	5.65	1	Unplanned	Oxygen Levels	Restart Only
9/6/22 6:05	9/6/22 11:31	5.43	6	Unplanned	Oxygen Levels	Restart Only
9/6/22 6:05	9/6/22 11:43	5.63	4	Unplanned	Oxygen Levels	Restart Only
9/6/22 6:06	9/6/22 11:37	5.52	3	Unplanned	Oxygen Levels	Restart Only
9/6/22 12:42	9/6/22 13:06	0.40	5	Unplanned	Engine	Restart Only
9/6/22 12:48	9/6/22 13:23	0.58	6	Unplanned	Engine	Restart Only
9/8/22 11:59	9/8/22 13:21	1.37	4	Unplanned	Oxygen Levels	Restart Only
9/8/22 11:59	9/8/22 13:20	1.35	6	Unplanned	Oxygen Levels	Restart Only
9/8/22 11:59	9/8/22 13:30	1.52	1	Unplanned	Oxygen Levels	Restart Only
9/8/22 11:59	9/8/22 13:25	1.43	5	Unplanned	Oxygen Levels	Restart Only
9/8/22 11:59	9/8/22 13:49	1.83	3	Unplanned	Oxygen Levels	Restart Only
9/8/22 13:29	9/8/22 13:49	0.33	5	Unplanned	Engine	Restart Only
9/8/22 13:55	9/8/22 14:29	0.57	5	Unplanned	Engine	Replace, and Restart
9/8/22 15:09	9/8/22 15:24	0.25	5	Unplanned	Engine	Reconfigure, and Restart
9/13/22 7:44	9/13/22 9:55	2.18	4	Planned	Engine	Reconfigure, and Restart
9/13/22 15:24	9/13/22 16:03	0.65	4	Unplanned	Oxygen Levels	Restart Only
9/13/22 15:24	9/13/22 16:17	0.88	6	Unplanned	Oxygen Levels	Restart Only
9/13/22 15:24	9/13/22 16:07	0.72	1	Unplanned	Oxygen Levels	Restart Only
9/13/22 15:24	9/13/22 16:24	1.00	3	Unplanned	Oxygen Levels	Restart Only
9/13/22 15:24	9/13/22 16:33	1.15	5	Unplanned	Oxygen Levels	Restart Only
9/13/22 16:17	9/13/22 16:54	0.62	1	Unplanned	Landfill Vacuum / Gas Limited	Restart Only
9/14/22 8:26	9/14/22 8:33	0.12	2	Unplanned	Engine	Restart Only
9/14/22 8:35	9/14/22 8:44	0.15	2	Unplanned	Engine	Restart Only
9/14/22 8:46	9/14/22 8:54	0.13	2	Unplanned	Engine	Restart Only
9/14/22 10:31	9/14/22 10:47	0.27	2	Unplanned	Engine	Reconfigure, and Restart
9/14/22 10:51	9/14/22 11:38	0.78	2	Unplanned	Engine	Replace, and Restart
9/14/22 10:57	9/14/22 13:19	2.37	5	Planned	Generator	Reconfigure, and Restart

Shutdown Date/Time mm/dd/yy hh:mm	**Startup** Date/time mm/dd/yy hh:mm	**Duration Hours**	**Engines Down**	**Type of Shutdown**	**Reason/Action**	**Comments**
9/14/22 14:08	9/14/22 15:59	1.85	2	Planned	Generator	Reconfigure, and Restart
9/16/22 13:23	9/16/22 13:34	0.18	6	Unplanned	Engine	Replace, and Restart
9/20/22 20:31	9/20/22 21:18	0.78	5	Unplanned	Engine	Replace, and Restart
9/20/22 22:16	9/20/22 22:54	0.63	5	Unplanned	Engine	Replace, and Restart
9/25/22 7:23	9/25/22 8:11	0.80	6	Unplanned	Power Surge	Restart Only
9/25/22 7:23	9/25/22 8:16	0.88	3	Unplanned	Power Surge	Restart Only
9/25/22 7:23	9/25/22 8:21	0.97	5	Unplanned	Power Surge	Restart Only
9/28/22 14:05	9/28/22 14:54	0.82	5	Unplanned	Engine	Replace, and Restart

TSA = Thermal Swing Adsorber

H2S = Hydrogen Sulfide

SCR = Selective Catalytic Reducer

HVAC = Heating, Ventilation, and Air Conditioning

BOP = Blowout Preventer

APPENDIX E

GCCS DOWNTIME

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

Ox Mountain Landfill, Half Moon Bay, CA
GCCS Downtime Report Period April 1, 2022 through September 30, 2022

SHUTDOWN DATE/TIME	START-UP DATE/TIME	TOTAL DOWNTIME (hours)	COMMENTS OR REASONS	ACTION TAKEN
6/10/22 7:36	6/10/22 7:46	0.17	An unplanned shutdown occurred at the Ameresco power plant due to TSA/H2S removal. The A-7 Flare shutdown due to high temperature.	The A-7 Flare shutdown per normal operation and was inspected and adjusted before returning to service.
7/13/22 23:30	7/14/2022 1:22	1.87	An unplanned shutdown occurred at the Ameresco power plant due to TSA/H2S removal. The A-7 Flare shutdown due to flame failure.	The A-7 Flare shutdown per normal operation and was inspected and adjusted before returning to service.
7/25/22 11:32	7/25/22 11:36	0.07	An unplanned shutdown occurred at the Ameresco power plant due to Dehy. Skid / Condensate maintenance. The A-7 Flare shutdown due to flame failure. The A-9 Flare shutdown due to high temperature.	The A-7 Flare shutdown per normal operation and was inspected and adjusted before returning to service.
8/10/22 9:10	8/10/22 11:20	2.17	The Ameresco landfill gas to energy (LFGTE) facility operation was shut down due to high oxygen. The A-7 Flare was shut down due to flame failure.	The A-9 Flare shutdown per normal operation and was inspected and adjusted before returning to service.
8/11/22 9:10	8/11/22 10:08	0.97	The Ameresco LFGTE facility operation was shut down due to high oxygen. The A-9 Flare shut down due to low temperature. The A-7 Flare was shut down due to flame failure.	The A-7 Flare shutdown per normal operation and was inspected and adjusted before returning to service.
8/11/22 15:22	8/11/22 15:30	0.13	The Ameresco LFGTE facility operation was shut down due to high oxygen. The A-7 and A-9 Flares were shut down due to low temperature.	The A-9 Flare shutdown per normal operation and was inspected and adjusted before returning to service.
8/28/22 4:30	8/28/22 4:44	0.23	The Ameresco LFGTE facility operation was shut down due to utility maintenance. The A-9 Flare shut down due to high temperature. The A-7 Flare was shut down due to low temperature.	The A-7 Flare shutdown per normal operation and was inspected and adjusted before returning to service.
9/1/22 10:20	9/1/22 10:28	0.13	The Ameresco LFGTE facility operation was shut down due to high oxygen. The A-7 and A-9 Flares were shut down due to low and high temperature respectively.	The A-9 Flare shutdown per normal operation and was inspected and adjusted before returning to service.
9/6/22 6:28	9/6/22 6:30	0.03	The Ameresco LFGTE facility operation was shut down due to high oxygen. The A-7 and A-9 Flares were shut down due to low and high temperature respectively.	The A-9 Flare shutdown per normal operation and was inspected and adjusted before returning to service.
9/6/22 6:32	9/6/22 6:42	0.17	The Ameresco LFGTE facility operation was shut down due to high oxygen. The A-7 and A-9 Flares were shut down due to low and high temperature respectively.	The A-9 Flare shutdown per normal operation and was inspected and adjusted before returning to service.

Combined Emission Control Devices	
APRIL 1, 2022 THROUGH SEPTEMBER 30, 2022 TOTAL DOWNTIME (HOURS):	**5.93**
2022 TOTAL DOWNTIME (HOURS):	**8.83**
TOTAL PERMITTED DOWNTIME (HOURS):	**240**
2022 DOWNTIME PERCENT OF 240 HOURS:	**3.68%**

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

APPENDIX F

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

Ox Mountain Landfill, Half Moon Bay, California
A-7 FLARE TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT APRIL 1, 2022 THROUGH SEPTEMBER 30, 2022

REPORT PREPARED BY: Tetra Tech **DATE:** October 1, 2022
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, 2022 through September 30, 2022 Reporting Period.					

COMMENTS:

1 In accordance with Title V Permit Condition Number 10164, Part 23(a), the A-7 Flare combustion zone 3-hour average temperature did not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation.

2 The A-7 Flare combustion zone 3-hour average temperature did not drop below the 1,492°F limit (source test temperature minus 50 degrees) established during the August 6, 2021 annual source test or below the 1,454°F limit (source test temperature minus 50 degrees) established during the July 22, 2022 source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 23, and 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) in Subpart WWW of the New Source Performance Standard (NSPS).

3 As of March 31, 2016, Republic Services, Inc. (RSI) will only consider Title V Permit Condition Number 10164, Part 23(b) as referred to in comment 1 above, a deviation.

Ox Mountain Landfill, Half Moon Bay, California
A-8 FLARE TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT APRIL 1, 2022 THROUGH SEPTEMBER 30, 2022

REPORT PREPARED BY: Tetra Tech **DATE:** October 1, 2022
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, 2022 through September 30, 2022 Reporting Period.					
COMMENTS:			1 In accordance with Title V Permit Condition Number 10164, Part 23(b), the A-8 Flare combustion zone 3-hour average temperature did not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation. 2 The A-8 Flare combustion zone 3-hour average temperature did not drop below the 1,521°F limit established during the September 13, 2016 annual source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 23, and 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) in Subpart WWW of the New Source Performance Standard (NSPS). 3 As of March 31, 2016, Republic Services, Inc. (RSI) will only consider Title V Permit Condition Number 10164, Part 23(b) as referred to in comment 1 above, a deviation.		

Ox Mountain Landfill, Half Moon Bay, California
A-9 FLARE TEMPERATURE DEVIATION/ INOPERATIVE MONITOR REPORT APRIL 1, 2022 THROUGH SEPTEMBER 30, 2022

REPORT PREPARED BY: Tetra Tech **DATE:** October 1, 2022
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, 2022 through September 30, 2022 Reporting Period.					

COMMENTS:

1 In accordance with Title V Permit Condition Number 10164, Part 23(c), the A-9 Flare combustion zone 3-hour average temperature shall not drop below 1,400 degrees Fahrenheit (°F) while the flare was in operation.

2 The A-9 Flare combustion zone 3-hour average temperature did not drop below the 1,418°F limit (source test temperature minus 50 degrees) established during the August 6, 2021 annual source test or below the 1,538°F limit (source test temperature minus 50 degrees) established during the July 21, 2022 annual source test, while the flare was in operation, pursuant to Title V Permit Condition Number 10164 Part 23, and 40 Code of Federal Regulation (CFR) 60.752 b(2)(iii)(B)(2) in Subpart WWW of the New Source Performance Standard (NSPS).

3 As of March 31, 2016, Republic Services, Inc. (RSI) will only consider Title V Permit Condition Number 10164, Part 23(b) as referred to in comment 1 above, a deviation.

4 GCCS = Gas Collection and Control System

APPENDIX G

COVER INTEGRITY MONITORING LOGS

OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT
COVER INTEGRITY INSPECTION

LOCATION: Ox Mountain Landfill

INSPECTION DATE: 4-25-22

TECHNICIAN: Matt Bowman

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		serious erosions have been notified to site for repairs
Ponding of water on cap		X	
Surface cracking	X		Identified crack near ew2006, informed site
Acceptable vegetation	X		Site in process of mowing taller grasses (partially maintained)
Exposed waste		X	

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

OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT
COVER INTEGRITY INSPECTION

LOCATION: Ox Mountain Landfill

INSPECTION DATE: 5-31-22

TECHNICIAN: Matt Bowman

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		serious erosions have been notified to site for repairs (most repaired, but not all)
Ponding of water on cap		X	
Surface cracking	X		Identified crack near ew2006, informed site (ongoing)
Acceptable vegetation	X		Site in process of mowing taller grasses (Primarily mowed around wells & GCCS components)
Exposed waste		X	

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

OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT
COVER INTEGRITY INSPECTION

LOCATION: Ox Mountain Landfill
INSPECTION DATE: 6-22-22
TECHNICIAN: Matt Bowman

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	Majority of erosion from winter has been addressed & repaired
Ponding of water on cap		X	
Surface cracking	X		Identified crack near ew2006, informed site (ongoing)
Acceptable vegetation	X		Site in process of mowing taller grasses
Exposed waste		X	

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

OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT
COVER INTEGRITY INSPECTION

LOCATION: Ox Mountain Landfill
INSPECTION DATE: 7-25-22
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		Majority of erosion from winter has been addressed & repaired, new erosion documented on 07/07/22 by well 1805 & 1911
Ponding of water on cap		X	
Surface cracking	X		Identified crack near ew2006, informed site (ongoing)
Acceptable vegetation	X		Site in process of mowing taller grasses, most areas still need to be mowed
Exposed waste		X	

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

OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT
COVER INTEGRITY INSPECTION

LOCATION: Ox Mountain Landfill

INSPECTION DATE: 8-18-22

TECHNICIAN: Matt Bowman

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	Majority of erosion from winter has been addressed & repaired
Ponding of water on cap		X	
Surface cracking	X		Identified crack near ew2006, informed site (ongoing)
Acceptable vegetation	X		
Exposed waste		X	

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

OPERATIONS AND MAINTENANCE SITE INSPECTION REPORT
COVER INTEGRITY INSPECTION

LOCATION: Ox Mountain Landfill

INSPECTION DATE: 9-12-22

TECHNICIAN: Matt Bowman

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

COVER & VEGETATION	YES	NO	COMMENTS
Settling of cap		X	
Erosion on cap system		X	
Erosion on side slopes		X	Reported bench road erosion near 1912 to Ben Wade in late August (ongoing)
Ponding of water on cap		X	
Surface cracking	X		Identified crack near ew2006, informed site (ongoing)
Acceptable vegetation	X		
Exposed waste		X	

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

APPENDIX H

SURFACE EMISSIONS MONITORING REPORTS

TETRA TECH

June 17, 2022

Mr. Ben Wade
Browning-Ferris Industries of California, Inc.
Ox Mountain Landfill
12310 San Mateo Road
Half Moon Bay, CA 94019

Subject: Second Quarter 2022 Surface Emissions Monitoring Results for the Ox Mountain Landfill, Half Moon Bay, CA

Dear Mr. Wade:

This report provides results of the Second Quarter 2022 New Source Performance Standards (NSPS) and California Air Resources Board (CARB) Landfill Methane Rule (LMR) surface emissions monitoring (SEM) performed by Tetra Tech and a Tetra Tech subcontractor at the Ox Mountain Landfill. All work was performed in accordance with Republic Services' Standard Operating Procedures (SOP), federal NSPS and state LMR requirements.

SUMMARY AND CONCLUSIONS

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

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

The Second Quarter 2022 SEM testing results indicated eleven (11) locations that exceeded the NSPS and LMR (Grids, Penetrations, and Parameter) instantaneous methane concentration threshold of 500 parts per million by volume (ppmv) and no 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 event indicated that eleven (11) areas with instantaneous had returned to compliance. The one-month re-monitoring indicated there were zero (0) locations with a remaining instantaneous exceedance and zero (0) grids detected with integrated exceedances as of the end of the quarter.

Additionally, during this event, some grids were not monitored as these areas were deemed unsafe by Tetra Tech, Tetra Tech's subcontractor, and/or site personnel for entry due to active filling operations,

Tetra Tech
21700 Copley Drive, Ste. 200 Diamond Bar, CA 91765
Tel 909.860.7777 Fax 909.860.8017 tetratech.com

heavy traffic, or steep slopes, which could cause a potential for injury of monitoring personnel as follows:

- Full grids 21, 22, 26, 28, 30, 31, 35, 37, 38, 44, 45, 50, 51, 57, 58, 59, 60, 65, 66, 67, 71, 73, 74, 75, 78, 79, 80, 81, 82, 87, 88, 89, 94, 95, 100, 101, 106, 107, 112, 113, and 119 were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).

- Partial grids 17, 25, 29, 34, 36, 43, 47, 49, 55, 56, 61, 63, 64, 68, 69, 72, 76, 77, 83, 84, 90, 91, 93, 97, 99, 103, 109, 114, 115, 120, 121, 127, 128, 133, 138, 144, and 149 were partially monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).

Areas consisting of native soil (no waste in place) were also exempted from monitoring, in accordance with the LMR. Any wells located in grids noted as exempt from monitoring due to health and safety concerns but remained accessible were monitored on an as-needed basis. Excluded areas are provided on the field map in Appendix A.

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

Locations with concentrations between 200 ppmv and 499 ppmv are for reporting purposes only and require no remediation, as they are not an exceedance. Thirty-four (34) locations were found during the monitoring between the LMR instantaneous recording levels of 200 ppmv to 499 ppmv.

Finally, to help prevent potential future exceedances, Tetra Tech recommends that the landfill surface be routinely inspected, any observed surface erosion be routinely repaired, and flowrates to the destruction devices be maximized.

BACKGROUND

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

SURFACE EMISSIONS MONITORING

Instantaneous and integrated SEM was performed over the surface of the subject site on May 2, 3, 4, 9, 10, 12, 16, 17, 26, and June 6, 2022. The intent of the monitoring was to identify any specific locations or areas of the landfill surface with organic compound concentrations exceeding the NSPS and/or LMR threshold limit values of 500 ppmv measured as methane for instantaneous monitoring or exceeding the threshold limit values of 25 ppmv for the integrated monitoring in the 50,000 square foot grids as

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

EMISSIONS TESTING INSTRUMENTATION/CALIBRATION

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

- Trimble SiteFID Landfill Gas Monitor Portable Flame Ionization Detector (FID). This instrument measures methane in air over a range of 1 to 50,000 ppmv. The FID meets the CARB requirements for combined instantaneous and integrated monitoring and was calibrated in accordance with United States Environmental Protection Agency (US EPA) Method 21 and manufacturers specifications.

- A portable wind data logger by Secure Digital is used to monitor and log wind speeds while performing emissions monitoring. Field observations and local weather station information is used to track weather conditions and rain events.

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

SURFACE EMISSIONS MONITORING PROCEDURES

Instantaneous and integrated SEM was conducted in accordance with NSPS and LMR requirements. Monitoring was performed with the FID inlet held within 3 inches of the landfill surface while a technician walked a grid in parallel paths not more than 25-feet apart over the surface of the landfill unless site safety conditions or prior monitoring results allowed 100-foot pathways. Cracks, holes and all cover penetrations in the surface were also tested. Instantaneous surface emissions readings were monitored continuously and recorded every 5 seconds. Any areas in exceedance of the 500 ppmv threshold limits (reporting and compliance levels, respectively) were GPS tagged, any locations exceeding the 500 ppmv threshold limit were also stake-marked for on-site personnel to perform remediation or repairs.

The integrated average is based on the readings stored on the instrument which are recorded every 5 seconds. The readings are then downloaded, and the averages are calculated for each grid using software provided by the instrument manufacturer. The readings are not provided in the report due to the volume of data but can be furnished upon request.

Recorded wind speed results are shown in Appendix F. Wind speed 15-minute averages were observed to remain below the alternative requested 10 miles per hour (based on 60 second intervals), and no instantaneous speeds exceeded 20 miles per hour during the testing. Monitoring was terminated when average wind speed exceeded 5 miles per hour.

The LMR states that monitoring may not take place if any measurable precipitation is recorded onsite within 72-hours. Weather conditions for the monitoring events are included in Appendix E.

TESTING RESULTS

During the initial monitoring events on May 2, 3, 4, 9, 10, 12, 16, and 17, 2022 there were eleven (11) locations that exceeded the NSPS (Grids) and LMR (Grids and Penetrations) instantaneous level of 500 ppmv. There were no 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 event which was conducted on May 12 and 26, 2022 indicated that all eleven (11) areas with instantaneous exceedances had returned to compliance.

Follow-up monitoring to the initial events were conducted within the one-month interval, as required, on May 26 and June 6, 2022. All accessible areas of initial exceedance were re-monitored during these times following additional abatement activities by site personnel. After the one-month confirmation re-monitoring event, all exceedance locations were found to be below the LMR thresholds of compliance. Based on these results, no further monitoring is required until the Third Quarter of 2022. Results of the monitoring are shown in Appendix B and C. Calibration logs for the monitoring equipment are provided in Appendix D.

The landfill perimeter was walked and tested. Results of this testing indicated that no exceedances of the 500 ppmv limit were observed, therefore the site perimeter was in compliance with the requirements of the rule.

As mentioned above:

- Full grids 21, 22, 26, 28, 30, 31, 35, 37, 38, 44, 45, 50, 51, 57, 58, 59, 60, 65, 66, 67, 71, 73, 74, 75, 78, 79, 80, 81, 82, 87, 88, 89, 94, 95, 100, 101, 106, 107, 112, 113, and 119 were not monitored due to steep slopes, active filling operations, or active construction which resulted in unsafe conditions. (see Appendix A).

- Partial grids 17, 25, 29, 34, 36, 43, 47, 49, 55, 56, 61, 63, 64, 68, 69, 72, 76, 77, 83, 84, 90, 91, 93, 97, 99, 103, 109, 114, 115, 120, 121, 127, 128, 133, 138, 144, and 149 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 2, 3, 4, 9, 10, 12, 16, and 17, 2022, the first 10-day re-monitoring events were performed on May 12 and 26, 2022. The one-month confirmation testing on abated instantaneous readings was performed on May 26 and June 6, 2022 and indicated that all exceedances remained below LMR thresholds of compliance.

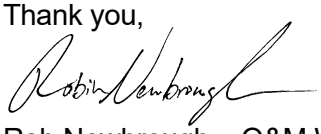
In accordance with the approved Scope of Work, Tetra Tech is scheduled to perform the Third Quarter 2022 NSPS and LMR monitoring event by the end of September 2022 in all areas deemed safe for entry.

STANDARD PROVISIONS

This report addresses conditions of the subject site during the testing dates only. Accordingly, we assume no responsibility for any changes that may occur subsequent to testing which could affect the surface emissions at the subject site or adjacent properties.

If you have any questions regarding this report, please contact Rob Newbrough at (503) 720-0925.

Thank you,



Rob Newbrough – O&M West Area Manager

This report contains the following Appendices:

Appendix A: Surface Grid Map

Appendix B: Integrated Monitoring Results

Appendix C: Instantaneous Monitoring Results

Appendix D: Calibration Logs

Appendix E: Weather Data

Appendix F: Wind Speed Data

APPENDIX A

SURFACE GRID MAP

Ox Mountain 2Q2022

Field Map

Legend

- Area Needing Grids
- New Cell Construction
- Roads/Construction
- Some areas within Grids overgrown
- Steep Slopes
- Walking Paths
- Working Face

Corinda Los Trancos

N

Google Earth

1000 ft

APPENDIX B

INTEGRATED MONITORING RESULTS

Table 1

SUMMARY OF INTEGRATED GRID INITIAL MONITORING

2Q2022 Ox Mountain Landfill

INITIAL MONITORING			
FILE NAME	**DATE**	**GRID NO.**	**INTEGRATED METHANE CONCENTRATION (ppmv)**
MONITOR_ox_mtn_GRID_1_2022_Q2_Initial.csv	5/9/2022	1	0.4
MONITOR_ox_mtn_GRID_2_2022_Q2_Initial.csv	5/9/2022	2	0.0
MONITOR_ox_mtn_GRID_3_2022_Q2_Initial.csv	5/9/2022	3	1.2
MONITOR_ox_mtn_GRID_4_2022_Q2_Initial.csv	5/9/2022	4	0.0
MONITOR_ox_mtn_GRID_5_2022_Q2_Initial.csv	5/9/2022	5	0.1
MONITOR_ox_mtn_GRID_6_2022_Q2_Initial.csv	5/9/2022	6	0.0
MONITOR_ox_mtn_GRID_7_2022_Q2_Initial.csv	5/9/2022	7	0.2
MONITOR_ox_mtn_GRID_8_2022_Q2_Initial.csv	5/9/2022	8	0.7
MONITOR_ox_mtn_GRID_9_2022_Q2_Initial.csv	5/9/2022	9	4.3
MONITOR_ox_mtn_GRID_10_2022_Q2_Initial.csv	5/9/2022	10	0.1
MONITOR_ox_mtn_GRID_11_2022_Q2_Initial.csv	5/9/2022	11	0.2
MONITOR_ox_mtn_GRID_12_2022_Q2_Initial.csv	5/9/2022	12	0.1
MONITOR_ox_mtn_GRID_13_2022_Q2_Initial.csv	5/9/2022	13	0.1
MONITOR_ox_mtn_GRID_14_2022_Q2_Initial.csv	5/10/2022	14	0.3
MONITOR_ox_mtn_GRID_15_2022_Q2_Initial.csv	5/9/2022	15	0.5
MONITOR_ox_mtn_GRID_16_2022_Q2_Initial.csv	5/9/2022	16	0.2
MONITOR_ox_mtn_GRID_17_2022_Q2_Initial.csv	5/10/2022	17	0.1
MONITOR_ox_mtn_GRID_18_2022_Q2_Initial.csv	5/9/2022	18	2.5
MONITOR_ox_mtn_GRID_19_2022_Q2_Initial.csv	5/9/2022	19	0.2
MONITOR_ox_mtn_GRID_20_2022_Q2_Initial.csv	5/10/2022	20	0.0
MONITOR_ox_mtn_GRID_23_2022_Q2_Initial.csv	5/9/2022	23	1.6
MONITOR_ox_mtn_GRID_24_2022_Q2_Initial.csv	5/9/2022	24	0.2
MONITOR_ox_mtn_GRID_25_2022_Q2_Initial.csv	5/10/2022	25	0.0
MONITOR_ox_mtn_GRID_27_2022_Q2_Initial.csv	5/9/2022	27	0.2
MONITOR_ox_mtn_GRID_29_2022_Q2_Initial.csv	5/10/2022	29	0.0
MONITOR_ox_mtn_GRID_32_2022_Q2_Initial.csv	5/17/2022	32	0.9
MONITOR_ox_mtn_GRID_33_2022_Q2_Initial.csv	5/17/2022	33	1.1
MONITOR_ox_mtn_GRID_34_2022_Q2_Initial.csv	5/9/2022	34	0.3
MONITOR_ox_mtn_GRID_36_2022_Q2_Initial.csv	5/10/2022	36	0.0
MONITOR_ox_mtn_GRID_39_2022_Q2_Initial.csv	5/17/2022	39	5.0
MONITOR_ox_mtn_GRID_40_2022_Q2_Initial.csv	5/17/2022	40	0.8
MONITOR_ox_mtn_GRID_41_2022_Q2_Initial.csv	5/9/2022	41	1.4
MONITOR_ox_mtn_GRID_42_2022_Q2_Initial.csv	5/10/2022	42	11.5
MONITOR_ox_mtn_GRID_43_2022_Q2_Initial.csv	5/10/2022	43	0.0
MONITOR_ox_mtn_GRID_46_2022_Q2_Initial.csv	5/17/2022	46	3.5
MONITOR_ox_mtn_GRID_47_2022_Q2_Initial.csv	5/9/2022	47	8.9
MONITOR_ox_mtn_GRID_48_2022_Q2_Initial.csv	5/10/2022	48	4.7
MONITOR_ox_mtn_GRID_49_2022_Q2_Initial.csv	5/10/2022	49	0.0
MONITOR_ox_mtn_GRID_52_2022_Q2_Initial.csv	5/17/2022	52	16.7
MONITOR_ox_mtn_GRID_53_2022_Q2_Initial.csv	5/17/2022	53	2.7
MONITOR_ox_mtn_GRID_54_2022_Q2_Initial.csv	5/17/2022	54	0.7
MONITOR_ox_mtn_GRID_55_2022_Q2_Initial.csv	5/10/2022	55	0.5
MONITOR_ox_mtn_GRID_56_2022_Q2_Initial.csv	5/10/2022	56	0.0
MONITOR_ox_mtn_GRID_61_2022_Q2_Initial.csv	5/17/2022	61	15.2
MONITOR_ox_mtn_GRID_62_2022_Q2_Initial.csv	5/17/2022	62	1.5
MONITOR_ox_mtn_GRID_63_2022_Q2_Initial.csv	5/10/2022	63	0.4
MONITOR_ox_mtn_GRID_64_2022_Q2_Initial.csv	5/10/2022	64	0.7

Table 1

SUMMARY OF INTEGRATED GRID INITIAL MONITORING

2Q2022 Ox Mountain Landfill

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_68_2022_Q2_Initial.csv	5/17/2022	68	10.8
MONITOR_ox_mtn_GRID_69_2022_Q2_Initial.csv	5/17/2022	69	1.1
MONITOR_ox_mtn_GRID_70_2022_Q2_Initial.csv	5/17/2022	70	0.1
MONITOR_ox_mtn_GRID_72_2022_Q2_Initial.csv	5/10/2022	72	4.4
MONITOR_ox_mtn_GRID_76_2022_Q2_Initial.csv	5/17/2022	76	16.9
MONITOR_ox_mtn_GRID_77_2022_Q2_Initial.csv	5/17/2022	77	2.6
MONITOR_ox_mtn_GRID_83_2022_Q2_Initial.csv	5/17/2022	83	22.2
MONITOR_ox_mtn_GRID_84_2022_Q2_Initial.csv	5/17/2022	84	1.2
MONITOR_ox_mtn_GRID_85_2022_Q2_Initial.csv	5/17/2022	85	0.5
MONITOR_ox_mtn_GRID_86_2022_Q2_Initial.csv	5/10/2022	86	12.9
MONITOR_ox_mtn_GRID_90_2022_Q2_Initial.csv	5/17/2022	90	10.6
MONITOR_ox_mtn_GRID_91_2022_Q2_Initial.csv	5/17/2022	91	3.5
MONITOR_ox_mtn_GRID_92_2022_Q2_Initial.csv	5/10/2022	92	14.2
MONITOR_ox_mtn_GRID_93_2022_Q2_Initial.csv	5/10/2022	93	2.3
MONITOR_ox_mtn_GRID_96_2022_Q2_Initial.csv	5/17/2022	96	16.9
MONITOR_ox_mtn_GRID_97_2022_Q2_Initial.csv	5/17/2022	97	0.2
MONITOR_ox_mtn_GRID_98_2022_Q2_Initial.csv	5/10/2022	98	9.7
MONITOR_ox_mtn_GRID_99_2022_Q2_Initial.csv	5/10/2022	99	6.7
MONITOR_ox_mtn_GRID_102_2022_Q2_Initial.csv	5/17/2022	102	6.2
MONITOR_ox_mtn_GRID_103_2022_Q2_Initial.csv	5/16/2022	103	0.8
MONITOR_ox_mtn_GRID_104_2022_Q2_Initial.csv	5/10/2022	104	10.6
MONITOR_ox_mtn_GRID_105_2022_Q2_Initial.csv	5/10/2022	105	6.9
MONITOR_ox_mtn_GRID_108_2022_Q2_Initial.csv	5/17/2022	108	7.4
MONITOR_ox_mtn_GRID_109_2022_Q2_Initial.csv	5/16/2022	109	0.5
MONITOR_ox_mtn_GRID_110_2022_Q2_Initial.csv	5/10/2022	110	6.1
MONITOR_ox_mtn_GRID_111_2022_Q2_Initial.csv	5/10/2022	111	10.3
MONITOR_ox_mtn_GRID_114_2022_Q2_Initial.csv	5/17/2022	114	2.1
MONITOR_ox_mtn_GRID_115_2022_Q2_Initial.csv	5/16/2022	115	0.3
MONITOR_ox_mtn_GRID_116_2022_Q2_Initial.csv	5/10/2022	116	4.5
MONITOR_ox_mtn_GRID_117_2022_Q2_Initial.csv	5/10/2022	117	5.3
MONITOR_ox_mtn_GRID_118_2022_Q2_Initial.csv	5/10/2022	118	4.3
MONITOR_ox_mtn_GRID_120_2022_Q2_Initial.csv	5/17/2022	120	0.1
MONITOR_ox_mtn_GRID_121_2022_Q2_Initial.csv	5/16/2022	121	0.2
MONITOR_ox_mtn_GRID_122_2022_Q2_Initial.csv	5/10/2022	122	8.9
MONITOR_ox_mtn_GRID_123_2022_Q2_Initial.csv	5/10/2022	123	3.9
MONITOR_ox_mtn_GRID_124_2022_Q2_Initial.csv	5/10/2022	124	7.0
MONITOR_ox_mtn_GRID_125_2022_Q2_Initial.csv	5/12/2022	125	23.5
MONITOR_ox_mtn_GRID_126_2022_Q2_Initial.csv	5/12/2022	126	0.6
MONITOR_ox_mtn_GRID_127_2022_Q2_Initial.csv	5/16/2022	127	0.1
MONITOR_ox_mnt_GRID_128_2022_Q2_Initial.csv	5/12/2022	128	5.9
MONITOR_ox_mnt_GRID_129_2022_Q2_Initial.csv	5/12/2022	129	0.6
MONITOR_ox_mnt_GRID_130_2022_Q2_Initial.csv	5/12/2022	130	4.9
MONITOR_ox_mtn_GRID_131_2022_Q2_Initial.csv	5/12/2022	131	9.1
MONITOR_ox_mtn_GRID_132_2022_Q2_Initial.csv	5/12/2022	132	0.9
MONITOR_ox_mtn_GRID_133_2022_Q2_Initial.csv	5/16/2022	133	0.1
MONITOR_ox_mnt_GRID_134_2022_Q2_Initial.csv	5/12/2022	134	1.4
MONITOR_ox_mnt_GRID_135_2022_Q2_Initial.csv	5/12/2022	135	1.1
MONITOR_ox_mtn_GRID_136_2022_Q2_Initial.csv	5/12/2022	136	1.1
MONITOR_ox_mtn_GRID_137_2022_Q2_Initial.csv	5/12/2022	137	0.8
MONITOR_ox_mtn_GRID_138_2022_Q2_Initial.csv	5/16/2022	138	0.4

Table 1

SUMMARY OF INTEGRATED GRID INITIAL MONITORING

2Q2022 Ox Mountain Landfill

FILE NAME	DATE	GRID NO.	INTEGRATED METHANE CONCENTRATION (ppmv)
MONITOR_ox_mnt_GRID_139_2022_Q2_Initial.csv	5/12/2022	139	4.0
MONITOR_ox_mnt_GRID_140_2022_Q2_Initial.csv	5/12/2022	140	3.1
MONITOR_ox_mtn_GRID_141_2022_Q2_Initial.csv	5/12/2022	141	0.5
MONITOR_ox_mtn_GRID_142_2022_Q2_Initial.csv	5/12/2022	142	0.3
MONITOR_ox_mtn_GRID_143_2022_Q2_Initial.csv	5/16/2022	143	0.1
MONITOR_ox_mnt_GRID_144_2022_Q2_Initial.csv	5/12/2022	144	1.6
MONITOR_ox_mnt_GRID_145_2022_Q2_Initial.csv	5/12/2022	145	0.6
MONITOR_ox_mtn_GRID_146_2022_Q2_Initial.csv	5/12/2022	146	0.6
MONITOR_ox_mtn_GRID_147_2022_Q2_Initial.csv	5/12/2022	147	0.1
MONITOR_ox_mtn_GRID_148_2022_Q2_Initial.csv	5/16/2022	148	0.1
MONITOR_ox_mnt_GRID_149_2022_Q2_Initial.csv	5/12/2022	149	0.2
MONITOR_ox_mnt_GRID_150_2022_Q2_Initial.csv	5/12/2022	150	1.8
MONITOR_ox_mtn_GRID_151_2022_Q2_Initial.csv	5/12/2022	151	0.1
MONITOR_ox_mtn_GRID_152_2022_Q2_Initial.csv	5/12/2022	152	1.4
MONITOR_ox_mtn_GRID_153_2022_Q2_Initial.csv	5/16/2022	153	0.2
MONITOR_ox_mnt_GRID_154_2022_Q2_Initial.csv	5/12/2022	154	0.2
MONITOR_ox_mnt_GRID_155_2022_Q2_Initial.csv	5/12/2022	155	2.5
MONITOR_ox_mtn_GRID_156_2022_Q2_Initial.csv	5/12/2022	156	1.1
MONITOR_ox_mtn_GRID_157_2022_Q2_Initial.csv	5/12/2022	157	0.1
MONITOR_ox_mtn_GRID_158_2022_Q2_Initial.csv	5/16/2022	158	0.1
MONITOR_ox_mnt_GRID_159_2022_Q2_Initial.csv	5/12/2022	159	0.3
MONITOR_ox_mtn_GRID_160_2022_Q2_Initial.csv	5/12/2022	160	0.5
MONITOR_ox_mtn_GRID_161_2022_Q2_Initial.csv	5/12/2022	161	0.2
MONITOR_ox_mtn_GRID_162_2022_Q2_Initial.csv	5/16/2022	162	0.4
MONITOR_ox_mtn_GRID_163_2022_Q2_Initial.csv	5/12/2022	163	4.3
MONITOR_ox_mtn_GRID_164_2022_Q2_Initial.csv	5/12/2022	164	7.6

Table 2

SUMMARY OF INTEGRATED GRID REMONITORING
FOR METHANE CONCENTRATIONS ≥25 PPMV
2Q2022 Ox Mountain Landfill

INITIAL MONITORING			FIRST 10DAY		SECOND 10DAY	
LOCATION	**DATE**	**METHANE CONCENTRATION (ppmv)**	**DATE**	**METHANE CONCENTRATION (ppmv)**	**DATE**	**METHANE CONCENTRATION (ppmv)**
There were no integrated exceedances recorded above the criteria during the 2Q2022 SEM Event.						

APPENDIX C

INSTANTANEOUS MONITORING RESULTS

Summary of Instantaneous Targeted Penetations Monitored
2Q2022 Ox Mountain Landfill

FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_CP01_2022_Q2_Initial.csv	5/3/2022	CP01	37.500418	-122.414595	0.0
MONITOR_OX_MTNwells_GRID_CP13_2022_Q2_Initial.csv	5/2/2022	CP13	37.495465	-122.410805	0.0
MONITOR_OX_MTNwells_GRID_CP15_2022_Q2_Initial.csv	5/2/2022	CP15	37.495672	-122.410363	0.0
MONITOR_OX_MTNwells_GRID_CP16_2022_Q2_Initial.csv	5/2/2022	CP16	37.496018	-122.410647	0.0
MONITOR_OX_MTNwells_GRID_CP17_2022_Q2_Initial.csv	5/2/2022	CP17	37.497322	-122.413403	0.0
MONITOR_OX_MTNwells_GRID_CP18_2022_Q2_Initial.csv	5/2/2022	CP18	37.497278	-122.412773	0.0
MONITOR_OX_MTNwells_GRID_CP19_2022_Q2_Initial.csv	5/2/2022	CP19	37.497170	-122.411555	0.0
MONITOR_OX_MTNwells_GRID_CP21_2022_Q2_Initial.csv	5/3/2022	CP21	37.500092	-122.415230	35.8
MONITOR_OX_MTNwells_GRID_CP22_2022_Q2_Initial.csv	5/3/2022	CP22	37.501832	-122.414690	0.0
MONITOR_OX_MTNwells_GRID_CP23_2022_Q2_Initial.csv	5/2/2022	CP23	37.495670	-122.410372	0.0
MONITOR_OX_MTNwells_GRID_CP24_2022_Q2_Initial.csv	5/2/2022	CP24	37.495625	-122.410267	0.0
MONITOR_OX_MTNwells_GRID_CP25_2022_Q2_Initial.csv	5/2/2022	CP25	37.495953	-122.410353	0.0
MONITOR_OX_MTNwells_GRID_CP26_2022_Q2_Initial.csv	5/4/2022	CP26	37.498800	-122.408165	46.4
MONITOR_OX_MTNwells_GRID_CP27_2022_Q2_Initial.csv	5/3/2022	CP27	37.498917	-122.413087	163.4
MONITOR_OX_MTNwells_GRID_CP28_2022_Q2_Initial.csv	5/2/2022	CP28	37.499318	-122.411260	88.3
MONITOR_OX_MTNwells_GRID_CP29_2022_Q2_Initial.csv	5/2/2022	CP29	37.499330	-122.411547	273.2
MONITOR_OX_MTNwells_GRID_CP2_2022_Q2_Initial.csv	5/3/2022	CP2	37.500917	-122.414692	0.0
MONITOR_OX_MTNwells_GRID_CP30_2022_Q2_Initial.csv	5/4/2022	CP30	37.500052	-122.410352	20.2
MONITOR_OX_MTNwells_GRID_CP32_2022_Q2_Initial.csv	5/2/2022	CP32	37.496208	-122.412513	72.6
MONITOR_OX_MTNwells_GRID_CP33_2022_Q2_Initial.csv	5/2/2022	CP33	37.496290	-122.412793	0.0
MONITOR_OX_MTNwells_GRID_CP34_2022_Q2_Initial.csv	5/2/2022	CP34	37.499067	-122.411170	19.1
MONITOR_OX_MTNwells_GRID_CP35_2022_Q2_Initial.csv	5/2/2022	CP35	37.499025	-122.412127	96.1
MONITOR_OX_MTNwells_GRID_CP38_2022_Q2_Initial.csv	5/2/2022	CP38	37.495648	-122.410370	0.0
MONITOR_OX_MTNwells_GRID_CP39_2022_Q2_Initial.csv	5/3/2022	CP39	37.499098	-122.415200	55.6
MONITOR_OX_MTNwells_GRID_CP3_2022_Q2_Initial.csv	5/2/2022	CP3	37.496157	-122.411630	49.1
MONITOR_OX_MTNwells_GRID_CP40_2022_Q2_Initial.csv	5/3/2022	CP40	37.497150	-122.414558	0.0
MONITOR_OX_MTNwells_GRID_CP41_2022_Q2_Initial.csv	5/2/2022	CP41	37.495645	-122.410343	0.0
MONITOR_OX_MTNwells_GRID_CP42_2022_Q2_Initial.csv	5/2/2022	CP42	37.495650	-122.410343	0.0
MONITOR_OX_MTNwells_GRID_CP43_2022_Q2_Initial.csv	5/2/2022	CP43	37.495652	-122.410323	0.0
MONITOR_OX_MTNwells_GRID_CP44_2022_Q2_Initial.csv	5/2/2022	CP44	37.495653	-122.410325	0.0
MONITOR_OX_MTNwells_GRID_CP45_2022_Q2_Initial.csv	5/2/2022	CP45	37.495642	-122.410318	0.0
MONITOR_OX_MTNwells_GRID_CP46_2022_Q2_Initial.csv	5/2/2022	CP46	37.495648	-122.410305	0.0
MONITOR_OX_MTNwells_GRID_CP47_2022_Q2_Initial.csv	5/2/2022	CP47	37.495657	-122.410288	0.0
MONITOR_OX_MTNwells_GRID_CP4_2022_Q2_Initial.csv	5/2/2022	CP4	37.496080	-122.411047	0.0
MONITOR_OX_MTNwells_GRID_CP50_2022_Q2_Initial.csv	5/4/2022	CP50	37.503772	-122.408710	0.0
MONITOR_OX_MTNwells_GRID_CP52_2022_Q2_Initial.csv	5/4/2022	CP52	37.502213	-122.410938	0.0
MONITOR_OX_MTNwells_GRID_CP52_2022_Q2_Initial.csv	5/4/2022	CP52	37.502222	-122.410945	9.5
MONITOR_OX_MTNwells_GRID_CP53_2022_Q2_Initial.csv	5/2/2022	CP53	37.495463	-122.410793	0.0
MONITOR_OX_MTNwells_GRID_CP54_2022_Q2_Initial.csv	5/2/2022	CP54	37.495478	-122.410788	0.0
MONITOR_OX_MTNwells_GRID_CP56_2022_Q2_Initial.csv	5/2/2022	CP56	37.496688	-122.407375	0.0
MONITOR_OX_MTNwells_GRID_CP57_2022_Q2_Initial.csv	5/4/2022	CP57	37.499713	-122.408035	0.0
MONITOR_OX_MTNwells_GRID_CP58_2022_Q2_Initial.csv	5/4/2022	CP58	37.499728	-122.408055	14.1
MONITOR_OX_MTNwells_GRID_CP59_2022_Q2_Initial.csv	5/4/2022	CP59	37.499780	-122.408017	0.0
MONITOR_OX_MTNwells_GRID_CP60_2022_Q2_Initial.csv	5/4/2022	CP60	37.501710	-122.410215	94.0
MONITOR_OX_MTNwells_GRID_CP61_2022_Q2_Initial.csv	5/4/2022	CP61	37.501715	-122.410237	276.3
MONITOR_OX_MTNwells_GRID_CP65_2022_Q2_Initial.csv	5/4/2022	CP65	37.503715	-122.409700	0.0
MONITOR_OX_MTNwells_GRID_CP66_2022_Q2_Initial.csv	5/4/2022	CP66	37.502628	-122.410052	0.0
MONITOR_OX_MTNwells_GRID_CP67_2022_Q2_Initial.csv	5/3/2022	CP67	37.500328	-122.413668	3.5
MONITOR_OX_MTNwells_GRID_CP68_2022_Q2_Initial.csv	5/2/2022	CP68	37.508375	-122.405797	0.0
MONITOR_OX_MTNwells_GRID_CP69_2022_Q2_Initial.csv	5/2/2022	CP69	37.506423	-122.406385	0.0
MONITOR_OX_MTNwells_GRID_CP6_2022_Q2_Initial.csv	5/2/2022	CP6	37.496295	-122.412250	0.0
MONITOR_OX_MTNwells_GRID_CP72_2022_Q2_Initial.csv	5/3/2022	CP72	37.499290	-122.415248	179.9
MONITOR_OX_MTNwells_GRID_CP73_2022_Q2_Initial.csv	5/4/2022	CP73	37.503263	-122.409170	0.0
MONITOR_OX_MTNwells_GRID_CP76_2022_Q2_Initial.csv	5/4/2022	CP76	37.502080	-122.411017	0.0
MONITOR_OX_MTNwells_GRID_CP78_2022_Q2_Initial.csv	5/4/2022	CP78	37.500098	-122.411752	9.5
MONITOR_OX_MTNwells_GRID_CP79_2022_Q2_Initial.csv	5/2/2022	CP79	37.498938	-122.409992	4.4
MONITOR_OX_MTNwells_GRID_CP80_2022_Q2_Initial.csv	5/2/2022	CP80	37.495745	-122.410628	0.0

Summary of Instantaneous Targeted Penetations Monitored
2Q2022 Ox Mountain Landfill

FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_CP82_2022_Q2_Initial.csv	5/4/2022	CP82	37.499280	-122.408245	0.0
MONITOR_OX_MTNwells_GRID_CP83_2022_Q2_Initial.csv	5/4/2022	CP83	37.499317	-122.408205	0.0
MONITOR_OX_MTNwells_GRID_CP84_2022_Q2_Initial.csv	5/4/2022	CP84	37.499858	-122.407948	2.3
MONITOR_OX_MTNwells_GRID_CP85_2022_Q2_Initial.csv	5/4/2022	CP85	37.499302	-122.408872	0.0
MONITOR_OX_MTNwells_GRID_CP87_2022_Q2_Initial.csv	5/2/2022	CP87	37.495612	-122.410197	0.0
MONITOR_OX_MTNwells_GRID_CP88_2022_Q2_Initial.csv	5/2/2022	CP88	37.495872	-122.407757	67.1
MONITOR_OX_MTNwells_GRID_CP89_2022_Q2_Initial.csv	5/4/2022	CP89	37.498437	-122.407833	58.4
MONITOR_OX_MTNwells_GRID_CP90_2022_Q2_Initial.csv	5/4/2022	CP90	37.503562	-122.411670	0.0
MONITOR_OX_MTNwells_GRID_CP91_2022_Q2_Initial.csv	5/4/2022	CP91	37.503557	-122.411728	102.7
MONITOR_OX_MTNwells_GRID_CP92_2022_Q2_Initial.csv	5/4/2022	CP92	37.503547	-122.411785	12.7
MONITOR_OX_MTNwells_GRID_CP93_2022_Q2_Initial.csv	5/4/2022	CP93	37.503520	-122.411823	52.0
MONITOR_OX_MTNwells_GRID_CP94_2022_Q2_Initial.csv	5/4/2022	CP94	37.503513	-122.411722	3.8
MONITOR_OX_MTNwells_GRID_CP95_2022_Q2_Initial.csv	5/3/2022	CP95	37.501348	-122.414098	0.0
MONITOR_OX_MTNwells_GRID_CP96_2022_Q2_Initial.csv	5/3/2022	CP96	37.499320	-122.414085	0.0
MONITOR_OX_MTNwells_GRID_CP97_2022_Q2_Initial.csv	5/3/2022	CP97	37.501783	-122.414652	0.0
MONITOR_OX_MTNwells_GRID_CP98_2022_Q2_Initial.csv	5/3/2022	CP98	37.500972	-122.414973	0.0
MONITOR_OX_MTNwells_GRID_CP9_2022_Q2_Initial.csv	5/2/2022	CP9	37.496337	-122.412660	0.0
MONITOR_OX_MTNwells_GRID_E302D_2022_Q2_Initial.csv	5/2/2022	E302D	37.496707	-122.408162	48.3
MONITOR_OX_MTNwells_GRID_E306D_2022_Q2_Initial.csv	5/2/2022	E306D	37.496457	-122.409005	357.1
MONITOR_OX_MTNwells_GRID_E312D_2022_Q2_Initial.csv	5/2/2022	E312D	37.497940	-122.411733	0.0
MONITOR_OX_MTNwells_GRID_E316D_2022_Q2_Initial.csv	5/3/2022	E316D	37.501257	-122.413468	0.0
MONITOR_OX_MTNwells_GRID_E317D_2022_Q2_Initial.csv	5/3/2022	E317D	37.500587	-122.413637	0.0
MONITOR_OX_MTNwells_GRID_EW101_2022_Q2_Initial.csv	5/2/2022	EW101	37.504798	-122.409402	0.0
MONITOR_OX_MTNwells_GRID_EW104_2022_Q2_Initial.csv	5/3/2022	EW104	37.501623	-122.414738	0.0
MONITOR_OX_MTNwells_GRID_EW107_2022_Q2_Initial.csv	5/3/2022	EW107	37.501637	-122.414727	0.0
MONITOR_OX_MTNwells_GRID_EW113_2022_Q2_Initial.csv	5/3/2022	EW113	37.497495	-122.414592	1.1
MONITOR_OX_MTNwells_GRID_EW122_2022_Q2_Initial.csv	5/2/2022	EW122	37.495650	-122.410352	0.0
MONITOR_OX_MTNwells_GRID_EW126_2022_Q2_Initial.csv	5/3/2022	EW126	37.500083	-122.415243	28.3
MONITOR_OX_MTNwells_GRID_EW133B_2022_Q2_Initial.csv	5/3/2022	EW133B	37.497482	-122.414687	0.0
MONITOR_OX_MTNwells_GRID_EW134A_2022_Q2_Initial.csv	5/3/2022	EW134A	37.497570	-122.414557	0.0
MONITOR_OX_MTNwells_GRID_EW134B_2022_Q2_Initial.csv	5/3/2022	EW134B	37.497503	-122.414603	0.0
MONITOR_OX_MTNwells_GRID_EW137B_2022_Q2_Initial.csv	5/2/2022	EW137B	37.496355	-122.413190	0.0
MONITOR_OX_MTNwells_GRID_EW138_2022_Q2_Initial.csv	5/2/2022	EW138	37.496365	-122.413172	0.0
MONITOR_OX_MTNwells_GRID_EW145_2022_Q2_Initial.csv	5/3/2022	EW145	37.497925	-122.414592	0.0
MONITOR_OX_MTNwells_GRID_EW156R_2022_Q2_Initial.csv	5/2/2022	EW156R	37.506352	-122.406362	0.0
MONITOR_OX_MTNwells_GRID_EW156V_2022_Q2_Initial.csv	5/2/2022	EW156V	37.506448	-122.405937	0.0
MONITOR_OX_MTNwells_GRID_EW158_2022_Q2_Initial.csv	5/3/2022	EW158	37.501148	-122.414875	0.0
MONITOR_OX_MTNwells_GRID_EW159_2022_Q2_Initial.csv	5/3/2022	EW159	37.500855	-122.415050	0.0
MONITOR_OX_MTNwells_GRID_EW1601_2022_Q2_Initial.csv	5/4/2022	EW1601	37.502075	-122.411718	0.0
MONITOR_OX_MTNwells_GRID_EW1602_2022_Q2_Initial.csv	5/3/2022	EW1602	37.501625	-122.412563	57.6
MONITOR_OX_MTNwells_GRID_EW1603_2022_Q2_Initial.csv	5/3/2022	EW1603	37.500913	-122.412282	3211.7
MONITOR_OX_MTNwells_GRID_EW1604_2022_Q2_Initial.csv	5/3/2022	EW1604	37.500305	-122.412763	2.9
MONITOR_OX_MTNwells_GRID_EW1611_2022_Q2_Initial.csv	5/2/2022	EW1611	37.499285	-122.411317	324.1
MONITOR_OX_MTNwells_GRID_EW1612_2022_Q2_Initial.csv	5/3/2022	EW1612	37.502168	-122.412593	0.0
MONITOR_OX_MTNwells_GRID_EW1613_2022_Q2_Initial.csv	5/3/2022	EW1613	37.499832	-122.412800	201.4
MONITOR_OX_MTNwells_GRID_EW1614_2022_Q2_Initial.csv	5/3/2022	EW1614	37.499262	-122.413042	15.5
MONITOR_OX_MTNwells_GRID_EW1616_2022_Q2_Initial.csv	5/2/2022	EW1616	37.498512	-122.412230	0.0
MONITOR_OX_MTNwells_GRID_EW1617_2022_Q2_Initial.csv	5/2/2022	EW1617	37.498005	-122.412392	11.6
MONITOR_OX_MTNwells_GRID_EW1618_2022_Q2_Initial.csv	5/3/2022	EW1618	37.500020	-122.413110	819.6
MONITOR_OX_MTNwells_GRID_EW1619_2022_Q2_Initial.csv	5/2/2022	EW1619	37.496733	-122.412777	0.0
MONITOR_OX_MTNwells_GRID_EW1620_2022_Q2_Initial.csv	5/2/2022	EW1620	37.496675	-122.412120	0.0
MONITOR_OX_MTNwells_GRID_EW1621_2022_Q2_Initial.csv	5/2/2022	EW1621	37.497223	-122.412775	0.0
MONITOR_OX_MTNwells_GRID_EW1622_2022_Q2_Initial.csv	5/4/2022	EW1622	37.496788	-122.413558	0.0
MONITOR_OX_MTNwells_GRID_EW1625R_2022_Q2_Initial.csv	5/4/2022	EW1625R	37.502998	-122.410270	45.1
MONITOR_OX_MTNwells_GRID_EW1626R_2022_Q2_Initial.csv	5/4/2022	EW1626R	37.503158	-122.410317	17.9
MONITOR_OX_MTNwells_GRID_EW162_2022_Q2_Initial.csv	5/2/2022	EW162	37.496267	-122.411925	0.0
MONITOR_OX_MTNwells_GRID_EW162_2022_Q2_Initial.csv	5/2/2022	EW162	37.496785	-122.413565	0.0

Summary of Instantaneous Targeted Penetations Monitored
2Q2022 Ox Mountain Landfill

FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_EW164_2022_Q2_Initial.csv	5/2/2022	EW164	37.496192	-122.411248	2.9
MONITOR_OX_MTNwells_GRID_EW1701_2022_Q2_Initial.csv	5/2/2022	EW1701	37.497530	-122.408445	101.5
MONITOR_OX_MTNwells_GRID_EW1702_2022_Q2_Initial.csv	5/2/2022	EW1702	37.497805	-122.408720	67.0
MONITOR_OX_MTNwells_GRID_EW1703_2022_Q2_Initial.csv	5/2/2022	EW1703	37.498127	-122.409468	14.2
MONITOR_OX_MTNwells_GRID_EW1705_2022_Q2_Initial.csv	5/2/2022	EW1705	37.498863	-122.411420	38.5
MONITOR_OX_MTNwells_GRID_EW170_2022_Q2_Initial.csv	5/2/2022	EW170	37.508707	-122.405110	0.0
MONITOR_OX_MTNwells_GRID_EW1711AR_2022_Q2_Initial.csv	5/4/2022	EW1711AR	37.502947	-122.410280	4.8
MONITOR_OX_MTNwells_GRID_EW1712AR_2022_Q2_Initial.csv	5/4/2022	EW1712AR	37.503022	-122.410305	17.4
MONITOR_OX_MTNwells_GRID_EW1713_2022_Q2_Initial.csv	5/4/2022	EW1713	37.502985	-122.410272	24.9
MONITOR_OX_MTNwells_GRID_EW1715_2022_Q2_Initial.csv	5/4/2022	EW1715	37.503237	-122.410122	156.1
MONITOR_OX_MTNwells_GRID_EW1716_2022_Q2_Initial.csv	5/2/2022	EW1716	37.507643	-122.406403	0.0
MONITOR_OX_MTNwells_GRID_EW1717_2022_Q2_Initial.csv	5/2/2022	EW1717	37.506835	-122.406360	0.0
MONITOR_OX_MTNwells_GRID_EW173_2022_Q2_Initial.csv	5/2/2022	EW173	37.507288	-122.405938	0.0
MONITOR_OX_MTNwells_GRID_EW174R_2022_Q2_Initial.csv	5/2/2022	EW174R	37.506412	-122.406382	0.0
MONITOR_OX_MTNwells_GRID_EW174V_2022_Q2_Initial.csv	5/2/2022	EW174V	37.506685	-122.405925	0.0
MONITOR_OX_MTNwells_GRID_EW175R_2022_Q2_Initial.csv	5/2/2022	EW175R	37.506318	-122.406363	0.0
MONITOR_OX_MTNwells_GRID_EW175V_2022_Q2_Initial.csv	5/2/2022	EW175V	37.506322	-122.406253	0.0
MONITOR_OX_MTNwells_GRID_EW176_2022_Q2_Initial.csv	5/4/2022	EW176	37.503267	-122.408582	0.0
MONITOR_OX_MTNwells_GRID_EW1801_2022_Q2_Initial.csv	5/3/2022	EW1801	37.498840	-122.413047	3364.2
MONITOR_OX_MTNwells_GRID_EW1804_2022_Q2_Initial.csv	5/3/2022	EW1804	37.500675	-122.413072	5.5
MONITOR_OX_MTNwells_GRID_EW1805_2022_Q2_Initial.csv	5/3/2022	EW1805	37.501058	-122.412973	0.0
MONITOR_OX_MTNwells_GRID_EW1806_2022_Q2_Initial.csv	5/2/2022	EW1806	37.497382	-122.410797	37.9
MONITOR_OX_MTNwells_GRID_EW1807_2022_Q2_Initial.csv	5/2/2022	EW1807	37.498330	-122.410682	23.2
MONITOR_OX_MTNwells_GRID_EW1808_2022_Q2_Initial.csv	5/2/2022	EW1808	37.498710	-122.409278	2.7
MONITOR_OX_MTNwells_GRID_EW1809_2022_Q2_Initial.csv	5/3/2022	EW1809	37.502715	-122.411300	40.9
MONITOR_OX_MTNwells_GRID_EW1810_2022_Q2_Initial.csv	5/2/2022	EW1810	37.508358	-122.405235	0.0
MONITOR_OX_MTNwells_GRID_EW1812_2022_Q2_Initial.csv	5/3/2022	EW1812	37.501410	-122.413837	4.7
MONITOR_OX_MTNwells_GRID_EW1813_2022_Q2_Initial.csv	5/2/2022	EW1813	37.498547	-122.411720	20.1
MONITOR_OX_MTNwells_GRID_EW1815_2022_Q2_Initial.csv	5/2/2022	EW1815	37.496832	-122.408427	0.0
MONITOR_OX_MTNwells_GRID_EW1816_2022_Q2_Initial.csv	5/2/2022	EW1816	37.498098	-122.408463	5.3
MONITOR_OX_MTNwells_GRID_EW1817_2022_Q2_Initial.csv	5/2/2022	EW1817	37.498808	-122.408915	80.4
MONITOR_OX_MTNwells_GRID_EW181_2022_Q2_Initial.csv	5/3/2022	EW181	37.501800	-122.413955	0.0
MONITOR_OX_MTNwells_GRID_EW1821_2022_Q2_Initial.csv	5/2/2022	EW1821	37.509688	-122.405665	0.0
MONITOR_OX_MTNwells_GRID_EW1822_2022_Q2_Initial.csv	5/2/2022	EW1822	37.509453	-122.405817	0.0
MONITOR_OX_MTNwells_GRID_EW1823_2022_Q2_Initial.csv	5/2/2022	EW1823	37.509153	-122.405983	0.0
MONITOR_OX_MTNwells_GRID_EW1824_2022_Q2_Initial.csv	5/2/2022	EW1824	37.508567	-122.405333	0.0
MONITOR_OX_MTNwells_GRID_EW1825_2022_Q2_Initial.csv	5/2/2022	EW1825	37.508153	-122.405312	0.0
MONITOR_OX_MTNwells_GRID_EW1826_2022_Q2_Initial.csv	5/3/2022	EW1826	37.501245	-122.414312	0.0
MONITOR_OX_MTNwells_GRID_EW182_2022_Q2_Initial.csv	5/3/2022	EW182	37.499257	-122.413763	0.0
MONITOR_OX_MTNwells_GRID_EW183_2022_Q2_Initial.csv	5/3/2022	EW183	37.498703	-122.414128	0.0
MONITOR_OX_MTNwells_GRID_EW184_2022_Q2_Initial.csv	5/3/2022	EW184	37.497615	-122.414075	0.0
MONITOR_OX_MTNwells_GRID_EW185_2022_Q2_Initial.csv	5/3/2022	EW185	37.497302	-122.413910	0.0
MONITOR_OX_MTNwells_GRID_EW186_2022_Q2_Initial.csv	5/2/2022	EW186	37.497957	-122.412898	0.0
MONITOR_OX_MTNwells_GRID_EW187_2022_Q2_Initial.csv	5/2/2022	EW187	37.497455	-122.412948	3.3
MONITOR_OX_MTNwells_GRID_EW188_2022_Q2_Initial.csv	5/2/2022	EW188	37.497163	-122.412430	0.0
MONITOR_OX_MTNwells_GRID_EW189_2022_Q2_Initial.csv	5/2/2022	EW189	37.497118	-122.411700	0.0
MONITOR_OX_MTNwells_GRID_EW1901_2022_Q2_Initial.csv	5/2/2022	EW1901	37.496602	-122.410462	12.8
MONITOR_OX_MTNwells_GRID_EW1902_2022_Q2_Initial.csv	5/2/2022	EW1902	37.497378	-122.408882	1.6
MONITOR_OX_MTNwells_GRID_EW1904R_2022_Q2_Initial.csv	5/2/2022	EW1904R	37.498392	-122.409693	24.0
MONITOR_OX_MTNwells_GRID_EW1904V_2022_Q2_Initial.csv	5/2/2022	EW1904V	37.498203	-122.410135	1070.7
MONITOR_OX_MTNwells_GRID_EW1908_2022_Q2_Initial.csv	5/4/2022	EW1908	37.499972	-122.411798	71.5
MONITOR_OX_MTNwells_GRID_EW1909_2022_Q2_Initial.csv	5/4/2022	EW1909	37.500873	-122.411177	5.0
MONITOR_OX_MTNwells_GRID_EW190_2022_Q2_Initial.csv	5/2/2022	EW190	37.497943	-122.411523	0.0
MONITOR_OX_MTNwells_GRID_EW1911_2022_Q2_Initial.csv	5/3/2022	EW1911	37.501733	-122.412805	321.8
MONITOR_OX_MTNwells_GRID_EW1912_2022_Q2_Initial.csv	5/3/2022	EW1912	37.502017	-122.412270	1.8
MONITOR_OX_MTNwells_GRID_EW1913_2022_Q2_Initial.csv	5/3/2022	EW1913	37.502660	-122.413633	1.8
MONITOR_OX_MTNwells_GRID_EW1914_2022_Q2_Initial.csv	5/3/2022	EW1914	37.502765	-122.412427	427.0

Summary of Instantaneous Targeted Penetations Monitored
2Q2022 Ox Mountain Landfill

FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_EW1915R_2022_Q2_Initial.csv	5/2/2022	EW1915R	37.506102	-122.406337	1.4
MONITOR_OX_MTNwells_GRID_EW1915V_2022_Q2_Initial.csv	5/2/2022	EW1915V	37.506043	-122.406162	0.0
MONITOR_OX_MTNwells_GRID_EW1916_2022_Q2_Initial.csv	5/2/2022	EW1916	37.507138	-122.407658	0.0
MONITOR_OX_MTNwells_GRID_EW1917_2022_Q2_Initial.csv	5/2/2022	EW1917	37.506475	-122.408020	0.0
MONITOR_OX_MTNwells_GRID_EW1918_2022_Q2_Initial.csv	5/2/2022	EW1918	37.508410	-122.405005	0.0
MONITOR_OX_MTNwells_GRID_EW1919_2022_Q2_Initial.csv	5/2/2022	EW1919	37.509468	-122.406117	0.0
MONITOR_OX_MTNwells_GRID_EW191_2022_Q2_Initial.csv	5/2/2022	EW191	37.507217	-122.406637	0.0
MONITOR_OX_MTNwells_GRID_EW1920_2022_Q2_Initial.csv	5/2/2022	EW1920	37.509952	-122.405682	0.0
MONITOR_OX_MTNwells_GRID_EW1921_2022_Q2_Initial.csv	5/2/2022	EW1921	37.508483	-122.405783	0.0
MONITOR_OX_MTNwells_GRID_EW192_2022_Q2_Initial.csv	5/2/2022	EW192	37.505110	-122.406952	0.0
MONITOR_OX_MTNwells_GRID_EW194_2022_Q2_Initial.csv	5/3/2022	EW194	37.500807	-122.414498	0.0
MONITOR_OX_MTNwells_GRID_EW196_2022_Q2_Initial.csv	5/3/2022	EW196	37.498767	-122.413608	0.0
MONITOR_OX_MTNwells_GRID_EW199_2022_Q2_Initial.csv	5/2/2022	EW199	37.498042	-122.413348	0.0
MONITOR_OX_MTNwells_GRID_EW2001_2022_Q2_Initial.csv	5/2/2022	EW2001	37.505385	-122.407488	0.0
MONITOR_OX_MTNwells_GRID_EW2002_2022_Q2_Initial.csv	5/2/2022	EW2002	37.506070	-122.406737	0.0
MONITOR_OX_MTNwells_GRID_EW2003_2022_Q2_Initial.csv	5/2/2022	EW2003	37.506765	-122.406797	0.0
MONITOR_OX_MTNwells_GRID_EW2004_2022_Q2_Initial.csv	5/2/2022	EW2004	37.507315	-122.406237	0.0
MONITOR_OX_MTNwells_GRID_EW2005_2022_Q2_Initial.csv	5/2/2022	EW2005	37.508173	-122.405837	0.0
MONITOR_OX_MTNwells_GRID_EW2006_2022_Q2_Initial.csv	5/2/2022	EW2006	37.508593	-122.406407	0.0
MONITOR_OX_MTNwells_GRID_EW2007_2022_Q2_Initial.csv	5/2/2022	EW2007	37.508805	-122.405745	0.0
MONITOR_OX_MTNwells_GRID_EW2008_2022_Q2_Initial.csv	5/2/2022	EW2008	37.509208	-122.405385	0.0
MONITOR_OX_MTNwells_GRID_EW2009_2022_Q2_Initial.csv	5/2/2022	EW2009	37.505543	-122.408382	14.1
MONITOR_OX_MTNwells_GRID_EW200_2022_Q2_Initial.csv	5/2/2022	EW200	37.497455	-122.413338	0.0
MONITOR_OX_MTNwells_GRID_EW2010_2022_Q2_Initial.csv	5/2/2022	EW2010	37.506183	-122.408193	2.2
MONITOR_OX_MTNwells_GRID_EW2011_2022_Q2_Initial.csv	5/2/2022	EW2011	37.506808	-122.407392	0.0
MONITOR_OX_MTNwells_GRID_EW2012_2022_Q2_Initial.csv	5/2/2022	EW2012	37.505387	-122.406827	0.0
MONITOR_OX_MTNwells_GRID_EW2016_2022_Q2_Initial.csv	5/3/2022	EW2016	37.500608	-122.412487	123.9
MONITOR_OX_MTNwells_GRID_EW2017_2022_Q2_Initial.csv	5/3/2022	EW2017	37.501177	-122.412447	0.0
MONITOR_OX_MTNwells_GRID_EW2019_2022_Q2_Initial.csv	5/4/2022	EW2019	37.500438	-122.411197	86.8
MONITOR_OX_MTNwells_GRID_EW201_2022_Q2_Initial.csv	5/2/2022	EW201	37.497232	-122.413543	0.0
MONITOR_OX_MTNwells_GRID_EW2020_2022_Q2_Initial.csv	5/2/2022	EW2020	37.496955	-122.408957	0.0
MONITOR_OX_MTNwells_GRID_EW2021_2022_Q2_Initial.csv	5/2/2022	EW2021	37.496740	-122.407950	6.3
MONITOR_OX_MTNwells_GRID_EW2022R_2022_Q2_Initial.csv	5/2/2022	EW2022R	37.498387	-122.409670	86.1
MONITOR_OX_MTNwells_GRID_EW2022V_2022_Q2_Initial.csv	5/2/2022	EW2022V	37.497765	-122.410132	250.0
MONITOR_OX_MTNwells_GRID_EW2023_2022_Q2_Initial.csv	5/2/2022	EW2023	37.498548	-122.409677	28.0
MONITOR_OX_MTNwells_GRID_EW2024_2022_Q2_Initial.csv	5/2/2022	EW2024	37.499408	-122.409672	15.8
MONITOR_OX_MTNwells_GRID_EW2025_2022_Q2_Initial.csv	5/4/2022	EW2025	37.499957	-122.410957	1091.0
MONITOR_OX_MTNwells_GRID_EW2026_2022_Q2_Initial.csv	5/4/2022	EW2026	37.499942	-122.409762	0.0
MONITOR_OX_MTNwells_GRID_EW2027_2022_Q2_Initial.csv	5/4/2022	EW2027	37.500652	-122.410652	11.2
MONITOR_OX_MTNwells_GRID_EW2028R_2022_Q2_Initial.csv	5/4/2022	EW2028R	37.500162	-122.409375	101.2
MONITOR_OX_MTNwells_GRID_EW2028V_2022_Q2_Initial.csv	5/4/2022	EW2028V	37.500548	-122.410193	34.4
MONITOR_OX_MTNwells_GRID_EW2029_2022_Q2_Initial.csv	5/2/2022	EW2029	37.497887	-122.410987	0.0
MONITOR_OX_MTNwells_GRID_EW2030_2022_Q2_Initial.csv	5/2/2022	EW2030	37.498885	-122.412153	262.4
MONITOR_OX_MTNwells_GRID_EW203_2022_Q2_Initial.csv	5/3/2022	EW203	37.496703	-122.414545	0.0
MONITOR_OX_MTNwells_GRID_EW204_2022_Q2_Initial.csv	5/2/2022	EW204	37.496657	-122.413933	0.0
MONITOR_OX_MTNwells_GRID_EW205_2022_Q2_Initial.csv	5/2/2022	EW205	37.497490	-122.412118	0.0
MONITOR_OX_MTNwells_GRID_EW209_2022_Q2_Initial.csv	5/2/2022	EW209	37.497387	-122.409538	325.4
MONITOR_OX_MTNwells_GRID_EW2101_2022_Q2_Initial.csv	5/2/2022	EW2101	37.497295	-122.411310	0.0
MONITOR_OX_MTNwells_GRID_EW2102R_2022_Q2_Initial.csv	5/2/2022	EW2102R	37.499288	-122.411325	118.5
MONITOR_OX_MTNwells_GRID_EW2102V_2022_Q2_Initial.csv	5/2/2022	EW2102V	37.498853	-122.410988	41.6
MONITOR_OX_MTNwells_GRID_EW2103_2022_Q2_Initial.csv	5/2/2022	EW2103	37.499377	-122.410267	26.1
MONITOR_OX_MTNwells_GRID_EW2104_2022_Q2_Initial.csv	5/4/2022	EW2104	37.499782	-122.409000	10.0
MONITOR_OX_MTNwells_GRID_EW2105_2022_Q2_Initial.csv	5/4/2022	EW2105	37.500412	-122.411608	1.8
MONITOR_OX_MTNwells_GRID_EW2106_2022_Q2_Initial.csv	5/3/2022	EW2106	37.502403	-122.411622	1349.9
MONITOR_OX_MTNwells_GRID_EW2107_2022_Q2_Initial.csv	5/2/2022	EW2107	37.504988	-122.407455	0.0
MONITOR_OX_MTNwells_GRID_EW2108_2022_Q2_Initial.csv	5/2/2022	EW2108	37.505853	-122.406935	0.0
MONITOR_OX_MTNwells_GRID_EW2109_2022_Q2_Initial.csv	5/2/2022	EW2109	37.506402	-122.407358	0.0

Summary of Instantaneous Targeted Penetations Monitored
2Q2022 Ox Mountain Landfill

FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_EW210_2022_Q2_Initial.csv	5/2/2022	EW210	37.496275	-122.408712	484.9
MONITOR_OX_MTNwells_GRID_EW2110V_2022_Q2_Initial.csv	5/2/2022	EW2110V	37.498762	-122.410317	191.5
MONITOR_OX_MTNwells_GRID_EW2110_2022_Q2_Initial.csv	5/2/2022	EW2110	37.498908	-122.410555	68.6
MONITOR_OX_MTNwells_GRID_EW2111_2022_Q2_Initial.csv	5/4/2022	EW2111	37.501373	-122.411077	101.1
MONITOR_OX_MTNwells_GRID_EW2112_2022_Q2_Initial.csv	5/4/2022	EW2112	37.501777	-122.410025	0.0
MONITOR_OX_MTNwells_GRID_EW2113_2022_Q2_Initial.csv	5/4/2022	EW2113	37.501787	-122.411003	1399.5
MONITOR_OX_MTNwells_GRID_EW300_2022_Q2_Initial.csv	5/2/2022	EW300	37.497013	-122.407820	4.3
MONITOR_OX_MTNwells_GRID_EW302_2022_Q2_Initial.csv	5/2/2022	EW302	37.496713	-122.408158	79.8
MONITOR_OX_MTNwells_GRID_EW303_2022_Q2_Initial.csv	5/2/2022	EW303	37.496265	-122.407852	0.0
MONITOR_OX_MTNwells_GRID_EW306_2022_Q2_Initial.csv	5/2/2022	EW306	37.496460	-122.409013	84.7
MONITOR_OX_MTNwells_GRID_EW307_2022_Q2_Initial.csv	5/3/2022	EW307	37.498585	-122.414725	1.6
MONITOR_OX_MTNwells_GRID_EW309_2022_Q2_Initial.csv	5/2/2022	EW309	37.497073	-122.409538	130.6
MONITOR_OX_MTNwells_GRID_EW310_2022_Q2_Initial.csv	5/3/2022	EW310	37.498585	-122.413245	1086.7
MONITOR_OX_MTNwells_GRID_EW311_2022_Q2_Initial.csv	5/2/2022	EW311	37.496617	-122.411375	0.0
MONITOR_OX_MTNwells_GRID_EW312_2022_Q2_Initial.csv	5/2/2022	EW312	37.497947	-122.411743	0.0
MONITOR_OX_MTNwells_GRID_EW315_2022_Q2_Initial.csv	5/2/2022	EW315	37.497287	-122.408368	338.0
MONITOR_OX_MTNwells_GRID_EW316_2022_Q2_Initial.csv	5/3/2022	EW316	37.501282	-122.413478	0.0
MONITOR_OX_MTNwells_GRID_EW317_2022_Q2_Initial.csv	5/3/2022	EW317	37.500612	-122.413617	0.0
MONITOR_OX_MTNwells_GRID_EW318_2022_Q2_Initial.csv	5/3/2022	EW318	37.499965	-122.413745	7.5
MONITOR_OX_MTNwells_GRID_EW319_2022_Q2_Initial.csv	5/3/2022	EW319	37.499353	-122.413338	1584.4
MONITOR_OX_MTNwells_GRID_EW320_2022_Q2_Initial.csv	5/2/2022	EW320	37.498280	-122.411258	59.2
MONITOR_OX_MTNwells_GRID_EW322_2022_Q2_Initial.csv	5/3/2022	EW322	37.502147	-122.413273	0.0
MONITOR_OX_MTNwells_GRID_EW323_2022_Q2_Initial.csv	5/3/2022	EW323	37.502407	-122.412057	56.4
MONITOR_OX_MTNwells_GRID_EW325_2022_Q2_Initial.csv	5/4/2022	EW325	37.501812	-122.411340	0.0
MONITOR_OX_MTNwells_GRID_EW328_2022_Q2_Initial.csv	5/3/2022	EW328	37.501495	-122.412153	1.9
MONITOR_OX_MTNwells_GRID_EW59_2022_Q2_Initial.csv	5/2/2022	EW59	37.507728	-122.405740	0.0
MONITOR_OX_MTNwells_GRID_EW72_2022_Q2_Initial.csv	5/3/2022	EW72	37.500107	-122.415225	47.8
MONITOR_OX_MTNwells_GRID_EW99_2022_Q2_Initial.csv	5/2/2022	EW99	37.504663	-122.406350	0.0
MONITOR_OX_MTNwells_GRID_EWHC1_2022_Q2_Initial.csv	5/3/2022	EWHC1	37.499167	-122.415282	280.8
MONITOR_OX_MTNwells_GRID_EWHC6A_2022_Q2_Initial.csv	5/2/2022	EWHC6A	37.506338	-122.406373	0.0
MONITOR_OX_MTNwells_GRID_EWW05_2022_Q2_Initial.csv	5/2/2022	EWW05	37.505337	-122.408113	101.8
MONITOR_OX_MTNwells_GRID_EWW06_2022_Q2_Initial.csv	5/2/2022	EWW06	37.504648	-122.408428	336.3
MONITOR_OX_MTNwells_GRID_EWW08_2022_Q2_Initial.csv	5/2/2022	EWW08	37.504757	-122.407097	0.0
MONITOR_OX_MTNwells_GRID_EWW15_2022_Q2_Initial.csv	5/4/2022	EWW15	37.503277	-122.409145	0.0
MONITOR_OX_MTNwells_GRID_EWW17_2022_Q2_Initial.csv	5/4/2022	EWW17	37.503408	-122.410127	221.6
MONITOR_OX_MTNwells_GRID_EWW18R_2022_Q2_Initial.csv	5/3/2022	EWW18R	37.503307	-122.410838	1450.5
MONITOR_OX_MTNwells_GRID_EWW18V_2022_Q2_Initial.csv	5/3/2022	EWW18V	37.503133	-122.410880	22.6
MONITOR_OX_MTNwells_GRID_EWW1G_2022_Q2_Initial.csv	5/2/2022	EWW1G	37.506163	-122.408338	0.0
MONITOR_OX_MTNwells_GRID_EWW1I_2022_Q2_Initial.csv	5/2/2022	EWW1I	37.505595	-122.408688	0.0
MONITOR_OX_MTNwells_GRID_EWW1J_2022_Q2_Initial.csv	5/2/2022	EWW1J	37.505318	-122.408865	0.0
MONITOR_OX_MTNwells_GRID_EWW1K_2022_Q2_Initial.csv	5/2/2022	EWW1K	37.504922	-122.409175	35.3
MONITOR_OX_MTNwells_GRID_EWW1S_2022_Q2_Initial.csv	5/4/2022	EWW1S	37.504328	-122.410307	11.9
MONITOR_OX_MTNwells_GRID_EWW26R_2022_Q2_Initial.csv	5/3/2022	EWW26R	37.503320	-122.410773	217.1
MONITOR_OX_MTNwells_GRID_GP30_2022_Q2_Initial.csv	5/4/2022	GP30	37.500062	-122.410353	92.3
MONITOR_OX_MTNwells_GRID_HC1922_2022_Q2_Initial.csv	5/4/2022	HC1922	37.501775	-122.411338	3.5
MONITOR_OX_MTNwells_GRID_HC2000_2022_Q2_Initial.csv	5/4/2022	HC2000	37.498822	-122.407967	0.0
MONITOR_OX_MTNwells_GRID_HC2001_2022_Q2_Initial.csv	5/4/2022	HC2001	37.498933	-122.408015	0.0
MONITOR_OX_MTNwells_GRID_HC2013_2022_Q2_Initial.csv	5/4/2022	HC2013	37.503248	-122.410123	64.8
MONITOR_OX_MTNwells_GRID_HC2014_2022_Q2_Initial.csv	5/4/2022	HC2014	37.501695	-122.410223	45.6
MONITOR_OX_MTNwells_GRID_HCF03_2022_Q2_Initial.csv	5/2/2022	HCF03	37.495488	-122.410813	0.0
MONITOR_OX_MTNwells_GRID_HCF04_2022_Q2_Initial.csv	5/2/2022	HCF04	37.495468	-122.410800	0.0
MONITOR_OX_MTNwells_GRID_HCF06_2022_Q2_Initial.csv	5/2/2022	HCF06	37.495472	-122.410793	0.0
MONITOR_OX_MTNwells_GRID_LCRS07_2022_Q2_Initial.csv	5/4/2022	LCRS07	37.497865	-122.407483	0.0
MONITOR_OX_MTNwells_GRID_LCRS3A_2022_Q2_Initial.csv	5/2/2022	LCRS3A	37.496358	-122.413228	0.0
MONITOR_OX_MTNwells_GRID_LCRS3B_2022_Q2_Initial.csv	5/2/2022	LCRS3B	37.496345	-122.413217	0.0
MONITOR_OX_MTNwells_GRID_LCRS7B_2022_Q2_Initial.csv	5/4/2022	LCRS7B	37.497880	-122.407462	0.0
MONITOR_OX_MTNwells_GRID_PEW30A_2022_Q2_Initial.csv	5/2/2022	PEW30A	37.507227	-122.407348	0.0

Summary of Instantaneous Targeted Penetations Monitored
2Q2022 Ox Mountain Landfill

FILE NAME	DATE	Penetration ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_PEW30_2022_Q2_Initial.csv	5/2/2022	PEW30	37.507200	-122.407303	0.0
MONITOR_OX_MTNwells_GRID_PEW31_2022_Q2_Initial.csv	5/2/2022	PEW31	37.506628	-122.407755	0.0
MONITOR_OX_MTNwells_GRID_PEW32_2022_Q2_Initial.csv	5/2/2022	PEW32	37.506100	-122.406375	0.0
MONITOR_OX_MTNwells_GRID_PEW33_2022_Q2_Initial.csv	5/2/2022	PEW33	37.505463	-122.406485	0.0
MONITOR_OX_MTNwells_GRID_PEW35_2022_Q2_Initial.csv	5/2/2022	PEW35	37.506025	-122.407353	0.0
MONITOR_OX_MTNwells_GRID_PEW36_2022_Q2_Initial.csv	5/2/2022	PEW36	37.505902	-122.407833	0.0
MONITOR_OX_MTNwells_GRID_PEW44_2022_Q2_Initial.csv	5/4/2022	PEW44	37.503997	-122.410162	0.0
MONITOR_OX_MTNwells_GRID_PEW46_2022_Q2_Initial.csv	5/4/2022	PEW46	37.503252	-122.410127	0.0
MONITOR_OX_MTNwells_GRID_SUMP1_2022_Q2_Initial.csv	5/2/2022	SUMP1	37.506155	-122.406028	0.0
MONITOR_OX_MTNwells_GRID_SUMP2_2022_Q2_Initial.csv	5/3/2022	SUMP2	37.499105	-122.415213	7.0
MONITOR_OX_MTNwells_GRID_TLTS01_2022_Q2_Initial.csv	5/3/2022	TLTS01	37.498653	-122.415020	2.0
MONITOR_OX_MTNwells_GRID_TLTS02_2022_Q2_Initial.csv	5/3/2022	TLTS02	37.497950	-122.414862	0.0
MONITOR_OX_MTNwells_GRID_TLTS03_2022_Q2_Initial.csv	5/3/2022	TLTS03	37.497575	-122.414800	0.0
MONITOR_OX_MTNwells_GRID_TLTS04_2022_Q2_Initial.csv	5/2/2022	TLTS04	37.496412	-122.413998	0.0
MONITOR_OX_MTNwells_GRID_TLTS05_2022_Q2_Initial.csv	5/2/2022	TLTS05	37.496387	-122.413598	0.0
MONITOR_OX_MTNwells_GRID_TLTS06_2022_Q2_Initial.csv	5/2/2022	TLTS06	37.496400	-122.413282	0.0
MONITOR_OX_MTNwells_GRID_TLTS07_2022_Q2_Initial.csv	5/2/2022	TLTS07	37.496383	-122.413113	0.0
MONITOR_OX_MTNwells_GRID_TLTS08_2022_Q2_Initial.csv	5/2/2022	TLTS08	37.496340	-122.412812	0.0
MONITOR_OX_MTNwells_GRID_TLTS09_2022_Q2_Initial.csv	5/4/2022	TLTS09	37.496335	-122.412647	0.0
MONITOR_OX_MTNwells_GRID_TLTS10_2022_Q2_Initial.csv	5/2/2022	TLTS10	37.496267	-122.412125	0.0
MONITOR_OX_MTNwells_GRID_TLTS11_2022_Q2_Initial.csv	5/2/2022	TLTS11	37.496218	-122.411787	0.0
MONITOR_OX_MTNwells_GRID_TLTS12_2022_Q2_Initial.csv	5/2/2022	TLTS12	37.496183	-122.411417	0.0
MONITOR_OX_MTNwells_GRID_TLTS15_2022_Q2_Initial.csv	5/2/2022	TLTS15	37.495933	-122.410230	0.0
MONITOR_OX_MTNwells_GRID_TLTS16_2022_Q2_Initial.csv	5/2/2022	TLTS16	37.495765	-122.409767	0.0
MONITOR_OX_MTNwells_GRID_TLTS17_2022_Q2_Initial.csv	5/2/2022	TLTS17	37.495628	-122.409385	0.0
MONITOR_OX_MTNwells_GRID_TLTS18_2022_Q2_Initial.csv	5/2/2022	TLTS18	37.495497	-122.409030	0.0
MONITOR_OX_MTNwells_GRID_TLTS19_2022_Q2_Initial.csv	5/2/2022	TLTS19	37.495583	-122.408502	0.0
MONITOR_OX_MTNwells_GRID_TLTS20_2022_Q2_Initial.csv	5/2/2022	TLTS20	37.495820	-122.408002	0.0

Table 3

SUMMARY OF INSTANTANEOUS MONITORING POINTS
WITH METHANE CONCENTRATIONS BETWEEN 200-499 PPMV
2Q2022 Ox Mountain Landfill

INITIAL MONITORING

FILE NAME	DATE	GRID NO.	ID NO.	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)
MONITOR_ox_mtn_GRID_Perimeter1_2022_Q2_Initial (2).csv	5/4/2022	Perimeter1	100	37.508023	-122.406978	200.3
MONITOR_ox_mtn_GRID_Perimeter1_2022_Q2_Initial (2).csv	5/4/2022	Perimeter1	102	37.507980	-122.407018	264.7
MONITOR_ox_mtn_GRID_Perimeter1_2022_Q2_Initial (2).csv	5/4/2022	Perimeter1	103	37.507977	-122.407057	284.8
MONITOR_ox_mtn_GRID_Perimeter1_2022_Q2_Initial (2).csv	5/4/2022	Perimeter1	131	37.507215	-122.407735	200.0
MONITOR_ox_mtn_GRID_Perimeter1_2022_Q2_Initial (2).csv	5/4/2022	Perimeter1	455	37.499137	-122.415163	250.1
MONITOR_OX_MTNwells_GRID_CP29_2022_Q2_Initial.csv	5/2/2022	CP29	1	37.499330	-122.411547	273.2
MONITOR_OX_MTNwells_GRID_CP61_2022_Q2_Initial.csv	5/4/2022	CP61	1	37.501715	-122.410237	276.3
MONITOR_OX_MTNwells_GRID_E306D_2022_Q2_Initial.csv	5/2/2022	E306D	1	37.496457	-122.409005	357.1
MONITOR_OX_MTNwells_GRID_EW1611_2022_Q2_Initial.csv	5/2/2022	EW1611	1	37.499285	-122.411317	324.1
MONITOR_OX_MTNwells_GRID_EW1613_2022_Q2_Initial.csv	5/3/2022	EW1613	1	37.499832	-122.412800	201.4
MONITOR_OX_MTNwells_GRID_EW1911_2022_Q2_Initial.csv	5/3/2022	EW1911	1	37.501733	-122.412805	321.8
MONITOR_OX_MTNwells_GRID_EW1914_2022_Q2_Initial.csv	5/3/2022	EW1914	1	37.502765	-122.412427	427.0
MONITOR_OX_MTNwells_GRID_EW2022V_2022_Q2_Initial.csv	5/2/2022	EW2022V	1	37.497765	-122.410132	250.0
MONITOR_OX_MTNwells_GRID_EW2030_2022_Q2_Initial.csv	5/2/2022	EW2030	1	37.498885	-122.412153	262.4
MONITOR_OX_MTNwells_GRID_EW209_2022_Q2_Initial.csv	5/2/2022	EW209	1	37.497387	-122.409538	325.4
MONITOR_OX_MTNwells_GRID_EW210_2022_Q2_Initial.csv	5/2/2022	EW210	1	37.496275	-122.408712	484.9
MONITOR_OX_MTNwells_GRID_EW315_2022_Q2_Initial.csv	5/2/2022	EW315	1	37.497287	-122.408368	338.0
MONITOR_OX_MTNwells_GRID_EWHC1_2022_Q2_Initial.csv	5/3/2022	EWHC1	1	37.499167	-122.415282	280.8
MONITOR_OX_MTNwells_GRID_EWW06_2022_Q2_Initial.csv	5/2/2022	EWW06	1	37.504648	-122.408428	336.3
MONITOR_OX_MTNwells_GRID_EWW17_2022_Q2_Initial.csv	5/4/2022	EWW17	1	37.503408	-122.410127	221.6
MONITOR_OX_MTNwells_GRID_EWW26R_2022_Q2_Initial.csv	5/3/2022	EWW26R	1	37.503320	-122.410773	217.1
MONITOR_ox_mtn_GRID_9_2022_Q2_Initial.csv	5/9/2022	9	5	37.508482	-122.406633	346.7
MONITOR_ox_mtn_GRID_48_2022_Q2_Initial.csv	5/10/2022	48	27	37.504945	-122.408592	468.5
MONITOR_ox_mtn_GRID_52_2022_Q2_Initial.csv	5/17/2022	52	51	37.498068	-122.408653	241.1
MONITOR_ox_mtn_GRID_83_2022_Q2_Initial.csv	5/17/2022	83	8	37.498500	-122.410067	218.0
MONITOR_ox_mtn_GRID_83_2022_Q2_Initial.csv	5/17/2022	83	9	37.498457	-122.410097	313.5
MONITOR_ox_mtn_GRID_83_2022_Q2_Initial.csv	5/17/2022	83	27	37.498208	-122.410017	204.8
MONITOR_ox_mtn_GRID_86_2022_Q2_Initial.csv	5/10/2022	86	121	37.503053	-122.410240	231.7
MONITOR_ox_mtn_GRID_96_2022_Q2_Initial.csv	5/17/2022	96	8	37.498602	-122.410787	229.0
MONITOR_ox_mtn_GRID_104_2022_Q2_Initial.csv	5/10/2022	104	60	37.503593	-122.411473	444.4
MONITOR_ox_mtn_GRID_111_2022_Q2_Initial.csv	5/10/2022	111	23	37.502045	-122.411653	226.0
MONITOR_ox_mtn_GRID_122_2022_Q2_Initial.csv	5/10/2022	122	18	37.503382	-122.412368	294.8
MONITOR_ox_mtn_GRID_125_2022_Q2_Initial.csv	5/12/2022	125	34	37.499980	-122.412377	219.5
MONITOR_ox_mnt_GRID_128_2022_Q2_Initial.csv	5/12/2022	128	44	37.503178	-122.412862	220.9

Table 4

SUMMARY OF INSTANTANEOUS MONITORING POINTS
WITH METHANE CONCENTRATIONS ≥500 PPMV
(INCLUDING RETESTING RESULTS)
2Q2022 Ox Mountain Landfill

INITIAL MONITORING						FIRST 10DAY		MONTH CONFIRMATION	
FILE NAME	DATE	POINT ID	LATITUDE WGS84	LONGITUDE WGS84	METHANE CONCENTRATION (ppmv)	DATE	METHANE CONCENTRATION (ppmv)	DATE	METHANE CONCENTRATION (ppmv)
MONITOR_OX_MTNwells_GRID_EW1904V_2022_Q2_Initial.csv	5/2/2022	EW1904V	37.498203	-122.410135	1070.7	5/12/2022	24.4	5/26/2022	65.5
MONITOR_OX_MTNwells_GRID_EWW18R_2022_Q2_Initial.csv	5/3/2022	EWW18R	37.503307	-122.410838	1450.5	5/12/2022	162.2	5/26/2022	18.6
MONITOR_OX_MTNwells_GRID_EW2106_2022_Q2_Initial.csv	5/3/2022	EW2106	37.502403	-122.411622	1349.9	5/12/2022	31.0	5/26/2022	180.7
MONITOR_OX_MTNwells_GRID_EW1603_2022_Q2_Initial.csv	5/3/2022	EW1603	37.500913	-122.412282	3211.7	5/12/2022	4.5	5/26/2022	7.1
MONITOR_OX_MTNwells_GRID_EW1801_2022_Q2_Initial.csv	5/3/2022	EW1801	37.498840	-122.413047	3364.2	5/12/2022	0.0	5/26/2022	0.0
MONITOR_OX_MTNwells_GRID_EW310_2022_Q2_Initial.csv	5/3/2022	EW310	37.498585	-122.413245	1086.7	5/12/2022	2.4	5/26/2022	0.0
MONITOR_OX_MTNwells_GRID_EW319_2022_Q2_Initial.csv	5/3/2022	EW319	37.499353	-122.413338	1584.4	5/12/2022	0.0	5/26/2022	0.0
MONITOR_OX_MTNwells_GRID_EW1618_2022_Q2_Initial.csv	5/3/2022	EW1618	37.500020	-122.413110	819.6	5/12/2022	0.0	5/26/2022	0.0
MONITOR_OX_MTNwells_GRID_EW2113_2022_Q2_Initial.csv	5/4/2022	EW2113	37.501787	-122.411003	1399.5	5/12/2022	0.0	5/26/2022	0.0
MONITOR_OX_MTNwells_GRID_EW2025_2022_Q2_Initial.csv	5/4/2022	EW2025	37.499957	-122.410957	1091.0	5/12/2022	125.8	5/26/2022	12.5
MONITOR_ox_mtn_GRID_96_2022_Q2_Initial	5/17/2022	12	37.498590	-122.410633	1041.1	5/26/2022	154.4	6/6/2022	42.5

APPENDIX D

CALIBRATION LOGS

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0FA6E6F6	5/2/2022 7:22	0.1	5.3

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	501	1	0.2	0	5/2/2022 7:19	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	500.7	0.7	0.1	0	5/2/2022 7:20	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	499.4	-0.6	-0.1	0	5/2/2022 7:20	886B0FA6E6F6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.4	0	4	5/2/2022 7:20	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.4	0	6	5/2/2022 7:21	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.4	0	6	5/2/2022 7:22	886B0FA6E6F6

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0F62C147	5/2/2022 8:28	-0.6	6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	488.5	-11.5	-2.3	0	5/2/2022 8:24	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	510.9	10.9	2.2	0	5/2/2022 8:24	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	491.8	-8.2	-1.6	0	5/2/2022 8:25	886B0F62C147

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.2	0	5	5/2/2022 8:27	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.2	0	5	5/2/2022 8:28	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.2	1.4	8	5/2/2022 8:28	886B0F62C147

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	v	886B0FA6E68F	5/2/2022 8:30	-0.5	5.3

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	497.3	-2.7	-0.5	0	5/2/2022 8:27	886B0FA6E68F
PRECISION MEASUREMENT		CH4 (Methane)	500	497.3	-2.7	-0.5	0	5/2/2022 8:28	886B0FA6E68F
PRECISION MEASUREMENT		CH4 (Methane)	500	497.6	-2.4	-0.5	0	5/2/2022 8:28	886B0FA6E68F

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.5	0	5	5/2/2022 8:29	886B0FA6E68F
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.5	0	5	5/2/2022 8:29	886B0FA6E68F
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.5	0	6	5/2/2022 8:30	886B0FA6E68F

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0FA6E6F6	5/3/2022 7:15	-0.3	4.7

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	497.7	-2.3	-0.5	0	5/3/2022 7:13	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	498	-2	-0.4	0	5/3/2022 7:14	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	499.5	-0.5	-0.1	0	5/3/2022 7:14	886B0FA6E6F6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.5	0	4	5/3/2022 7:14	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.5	0	5	5/3/2022 7:15	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.5	0	5	5/3/2022 7:15	886B0FA6E6F6

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0F62C147	5/3/2022 8:25	1.8	6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	510	10	2	0	5/3/2022 8:24	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	507.1	7.1	1.4	0	5/3/2022 8:24	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	510	10	2	0	5/3/2022 8:24	886B0F62C147

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	483.6	0	6	5/3/2022 8:25	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	483.6	0	6	5/3/2022 8:25	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	483.6	0	6	5/3/2022 8:25	886B0F62C147

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0FA6E6F6	5/4/2022 7:23	-0.3	4.7

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	498.1	-1.9	-0.4	0	5/4/2022 7:21	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	498.3	-1.7	-0.3	0	5/4/2022 7:22	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	498.9	-1.1	-0.2	0	5/4/2022 7:22	886B0FA6E6F6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.5	0	5	5/4/2022 7:23	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.5	0	4	5/4/2022 7:23	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.5	0	5	5/4/2022 7:23	886B0FA6E6F6

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0F62C147	5/4/2022 8:34	1.6	5.7

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	510.1	10.1	2	0	5/4/2022 8:31	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	513	13	2.6	0	5/4/2022 8:32	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	500.9	0.9	0.2	0	5/4/2022 8:32	886B0F62C147

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	482.6	0	6	5/4/2022 8:33	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	482.6	0	6	5/4/2022 8:34	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	482.6	0	5	5/4/2022 8:34	886B0F62C147

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0FA6E6F6	5/9/2022 8:20	-0.9	5.3

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	496.1	-3.9	-0.8	0	5/9/2022 8:16	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	494.5	-5.5	-1.1	0	5/9/2022 8:17	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	496	-4	-0.8	0	5/9/2022 8:17	886B0FA6E6F6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.8	0	4	5/9/2022 8:19	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.8	0	7	5/9/2022 8:19	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470.8	0	5	5/9/2022 8:20	886B0FA6E6F6

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	j	886B0F62C147	5/9/2022 9:21	-1.3	5

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	494.6	-5.4	-1.1	0	5/9/2022 9:16	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	488.5	-11.5	-2.3	0	5/9/2022 9:17	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	497.6	-2.4	-0.5	0	5/9/2022 9:18	886B0F62C147

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.9	0	5	5/9/2022 9:19	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.9	0	5	5/9/2022 9:21	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.9	0	5	5/9/2022 9:21	886B0F62C147

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0FA6E6F6	5/10/2022 8:36	-1	6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	494.6	-5.4	-1.1	0	5/10/2022 8:34	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	495.6	-4.4	-0.9	0	5/10/2022 8:34	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	494	-6	-1.2	0	5/10/2022 8:35	886B0FA6E6F6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	0	6	5/10/2022 8:35	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	0	5	5/10/2022 8:35	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	470	0	7	5/10/2022 8:36	886B0FA6E6F6

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0F62C147	5/10/2022 9:42	-0.4	5.7

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	496.6	-3.4	-0.7	0	5/10/2022 9:40	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	498	-2	-0.4	0	5/10/2022 9:40	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	499.1	-0.9	-0.2	0	5/10/2022 9:41	886B0F62C147

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473	0	6	5/10/2022 9:41	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473	0	6	5/10/2022 9:42	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473	0	5	5/10/2022 9:42	886B0F62C147

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0FA6E6F6	5/12/2022 7:11	-0.3	6.3

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	497	-3	-0.6	0	5/12/2022 7:08	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	496.5	-3.5	-0.7	0	5/12/2022 7:09	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	502.4	2.4	0.5	0	5/12/2022 7:10	886B0FA6E6F6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.7	0	7	5/12/2022 7:10	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.7	0	5	5/12/2022 7:10	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.7	0	7	5/12/2022 7:11	886B0FA6E6F6

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0F62C147	5/12/2022 8:12	0.1	4.7

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	500.4	0.4	0.1	0	5/12/2022 8:10	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	502.3	2.3	0.5	0	5/12/2022 8:10	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	499	-1	-0.2	0	5/12/2022 8:11	886B0F62C147

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.5	0	4	5/12/2022 8:11	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.5	0	5	5/12/2022 8:12	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.5	0	5	5/12/2022 8:12	886B0F62C147

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	j	886B0FA6E68F	5/12/2022 9:04	-1.5	6.3

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	491.7	-8.3	-1.7	0	5/12/2022 9:02	886B0FA6E68F
PRECISION MEASUREMENT		CH4 (Methane)	500	492.7	-7.3	-1.5	0	5/12/2022 9:03	886B0FA6E68F
PRECISION MEASUREMENT		CH4 (Methane)	500	493.6	-6.4	-1.3	0	5/12/2022 9:03	886B0FA6E68F

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468	0	6	5/12/2022 9:04	886B0FA6E68F
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468	0	6	5/12/2022 9:04	886B0FA6E68F
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468	0	7	5/12/2022 9:04	886B0FA6E68F

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0FA6E6F6	5/16/2022 8:28	-2.6	7.3

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	485.3	-14.7	-2.9	0	5/16/2022 8:25	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	489.7	-10.3	-2.1	0	5/16/2022 8:26	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	485.3	-14.7	-2.9	0	5/16/2022 8:26	886B0FA6E6F6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	462.4	0	6	5/16/2022 8:27	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	462.4	0	7	5/16/2022 8:28	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	462.4	0	9	5/16/2022 8:28	886B0FA6E6F6

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0FA6E6F6	5/17/2022 7:04	0.2	4.7

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	502.6	2.6	0.5	0	5/17/2022 7:01	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	510.8	10.8	2.2	0	5/17/2022 7:02	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	489.2	-10.8	-2.2	0	5/17/2022 7:02	886B0FA6E6F6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	0	5	5/17/2022 7:03	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	0	5	5/17/2022 7:03	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	475.8	8	4	5/17/2022 7:04	886B0FA6E6F6

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0F62C147	5/17/2022 8:06	-0.4	4.7

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	497.8	-2.2	-0.4	0	5/17/2022 8:03	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	496.9	-3.1	-0.6	0	5/17/2022 8:04	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	498.6	-1.4	-0.3	0	5/17/2022 8:05	886B0F62C147

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.9	0	5	5/17/2022 8:05	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.9	0	5	5/17/2022 8:06	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	472.9	0	4	5/17/2022 8:06	886B0F62C147

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	FSI	886B0FA6E6F6	5/26/2022 7:59	-0.4	5.7

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	499.8	-0.2	0	0	5/26/2022 7:56	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	499.1	-0.9	-0.2	0	5/26/2022 7:57	886B0FA6E6F6
PRECISION MEASUREMENT		CH4 (Methane)	500	495.5	-4.5	-0.9	0	5/26/2022 7:57	886B0FA6E6F6

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.2	0	6	5/26/2022 7:58	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.2	0	5	5/26/2022 7:58	886B0FA6E6F6
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	473.2	0	6	5/26/2022 7:58	886B0FA6E6F6

MONITORING TYPE	OPERATOR NAME	INSTRUMENT ID	FILE SAVE TIME	AVG PRECISION (%)	AVG RESPONSE TIME (SECONDS)
VERIFICATION SUMMARY	v	886B0F62C147	6/6/2022 8:54	-1.4	5.7

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	DETECTOR CONCENTRATION (ppmv)	DIFFERENCE (ppmv)	DIFFERENCE (%)	ZERO AIR PPM	TIMESTAMP	INSTRUMENT ID
PRECISION MEASUREMENT		CH4 (Methane)	500	498	-2	-0.4	0	6/6/2022 8:51	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	490.5	-9.5	-1.9	0	6/6/2022 8:51	886B0F62C147
PRECISION MEASUREMENT		CH4 (Methane)	500	490.9	-9.1	-1.8	0	6/6/2022 8:53	886B0F62C147

MONITORING TYPE	CAL GAS SERIAL NUMBER	CAL GAS TYPE	CAL GAS CONCENTRATION (ppmv)	TARGET CONCENTRATION (ppmv)	INITIAL CONCENTRATION (ppmv)	RESPONSE TIME (seconds)	TIMESTAMP	INSTRUMENT ID
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.5	0	5	6/6/2022 8:53	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.5	0	6	6/6/2022 8:54	886B0F62C147
RESPONSE TIME MEASUREMENT		CH4 (Methane)	500	468.5	8	6	6/6/2022 8:54	886B0F62C147

APPENDIX E

WEATHER DATA

TETRA TECH

SEM Weather Summary
Ox Mountain
Q2 2022 SEM

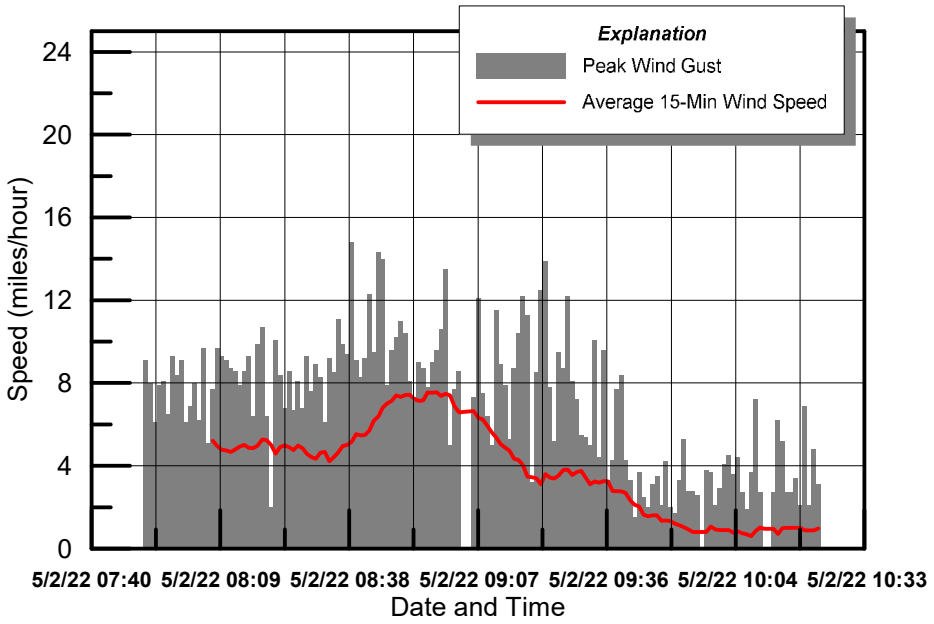
Date/Time	Temperature (°F)	Average Wind Speed (mph)	Wind Direction	Precipitation
5/2/22 10:00	55.0	10.0	East	None
5/3/22 10:00	61.0	4.0	East	None
5/4/22 10:00	62.0	4.0	East	None
5/9/22 10:00	52.0	8.0	East-Southeast	None
5/10/22 10:00	52.0	8.0	East-Southeast	None
5/12/22 10:00	54.0	9.0	East-Northeast	None
5/16/22 10:00	56.0	9.0	East-Northeast	None
5/17/22 10:00	58.0	4.0	East-Northeast	None
5/26/22 10:00	61.0	6.0	East	None
6/6/22 10:00	59.0	6.0	East	None

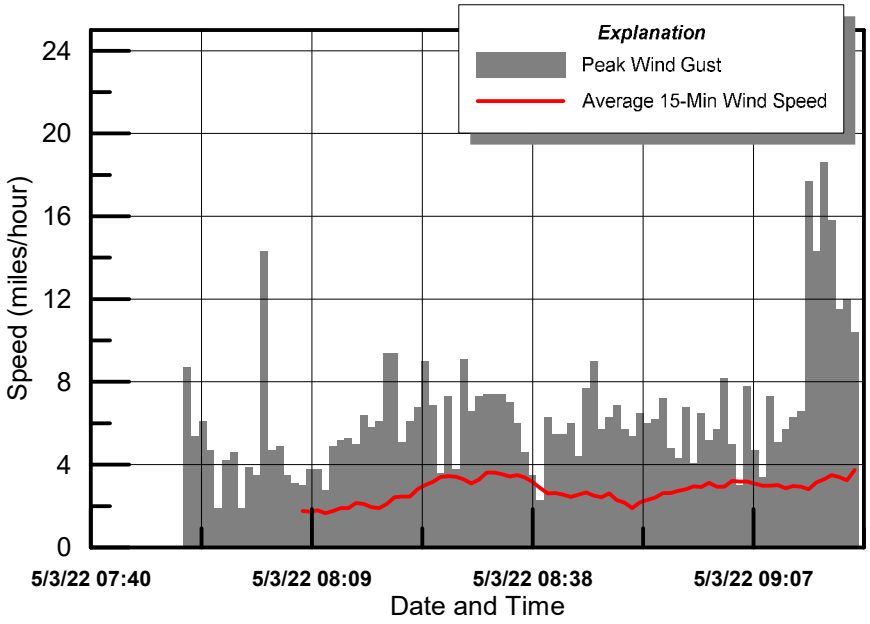
Ox Mountain's onsite Davis Instruments weather station

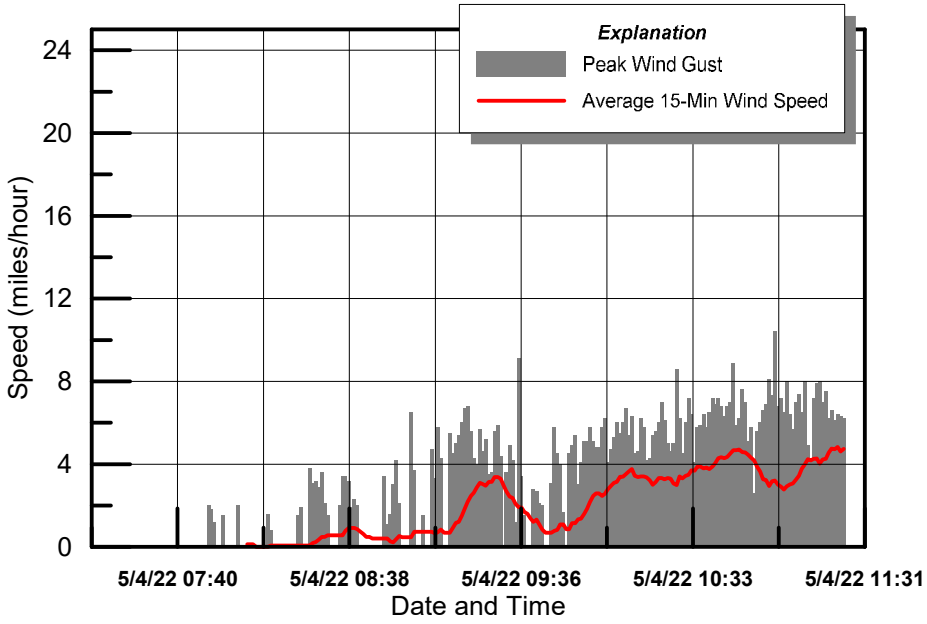
N/A - Not Applicable

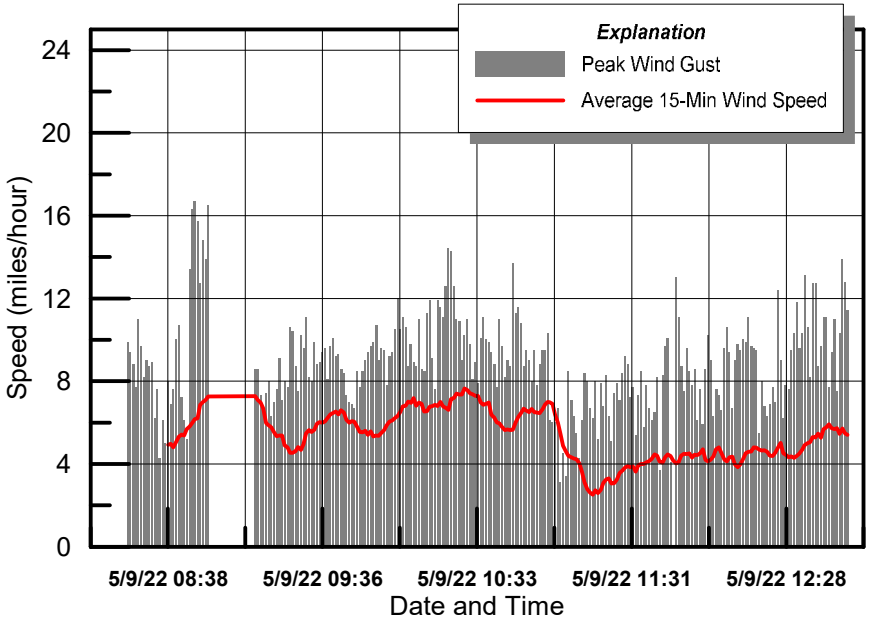
APPENDIX F

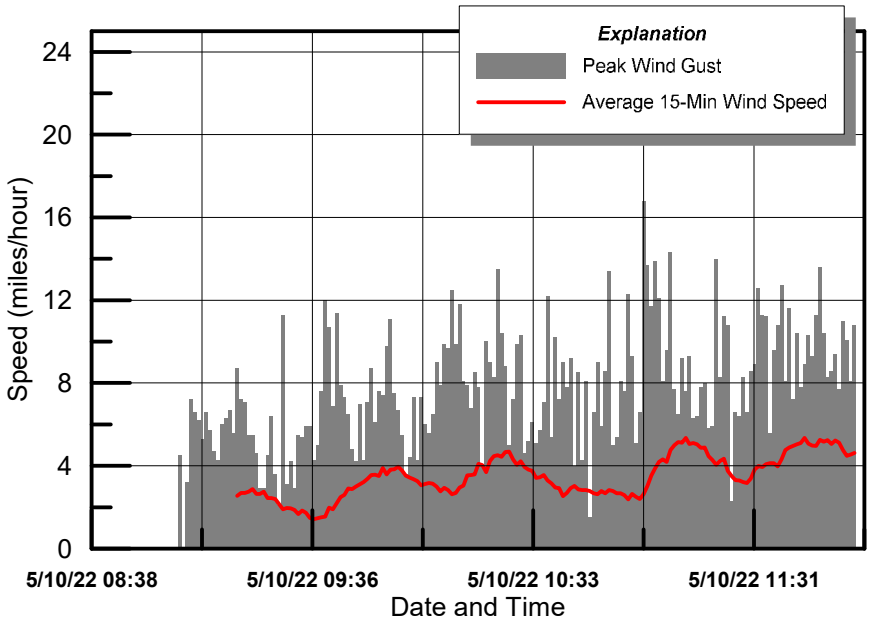
WIND SPEED DATA

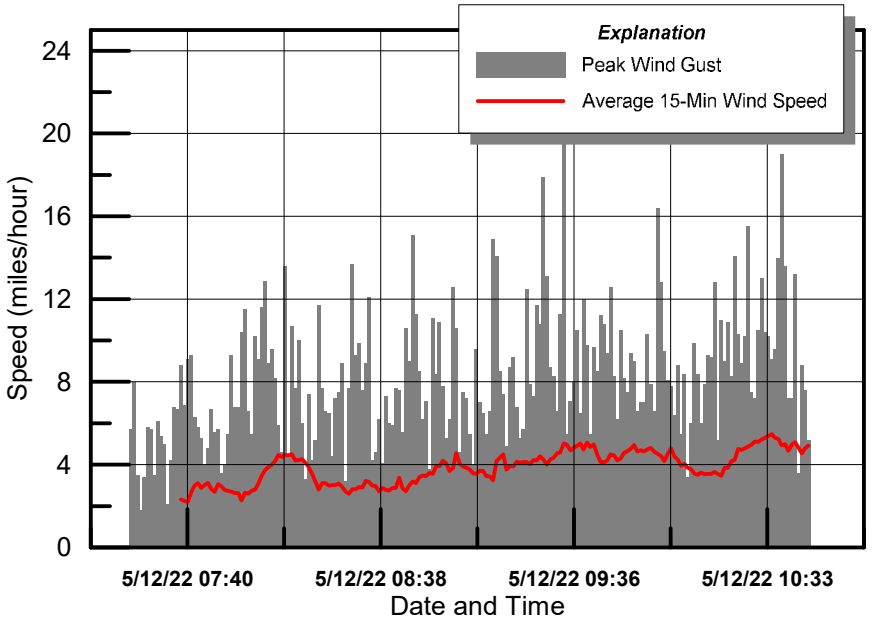

Explanation
Peak Wind Gust
Average 15-Min Wind Speed
Speed (miles/hour)
0
4
8
12
16
20
24
5/2/22 07:40
5/2/22 08:09
5/2/22 08:38
5/2/22 09:07
5/2/22 09:36
5/2/22 10:04
5/2/22 10:33
Date and Time

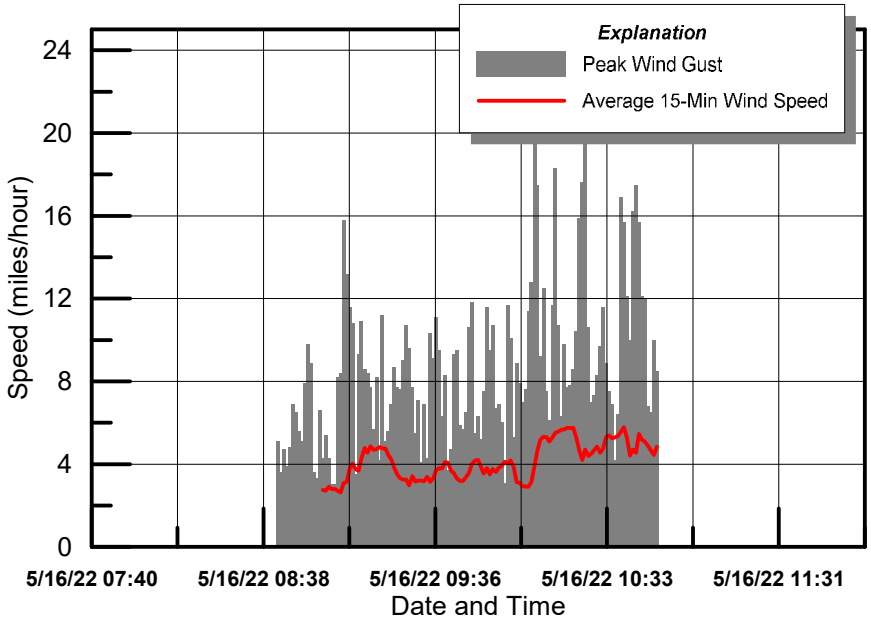

Explanation
Peak Wind Gust
Average 15-Min Wind Speed
Speed (miles/hour)
0
4
8
12
16
20
24
5/3/22 07:40
5/3/22 08:09
5/3/22 08:38
5/3/22 09:07
Date and Time

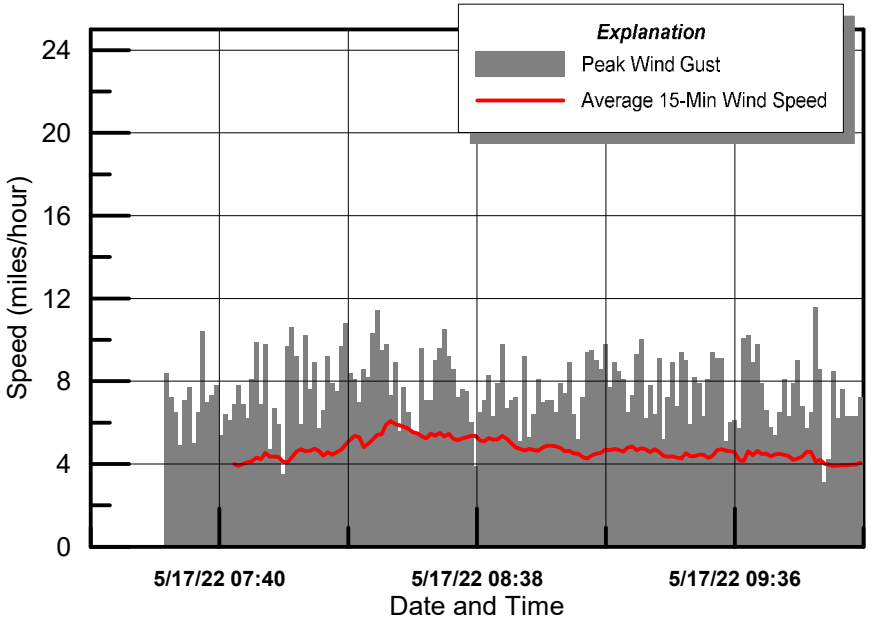

Explanation
Peak Wind Gust
Average 15-Min Wind Speed
Speed (miles/hour)
0
4
8
12
16
20
24
5/4/22 07:40
5/4/22 08:38
5/4/22 09:36
5/4/22 10:33
5/4/22 11:31
Date and Time

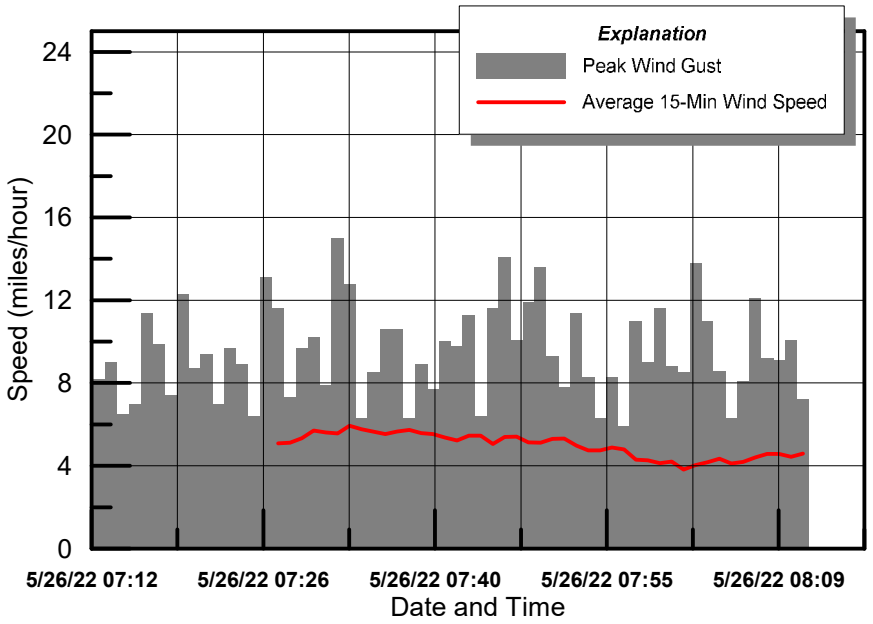

Explanation
Peak Wind Gust
Average 15-Min Wind Speed
Speed (miles/hour)
0
4
8
12
16
20
24
5/9/22 08:38
5/9/22 09:36
5/9/22 10:33
5/9/22 11:31
5/9/22 12:28
Date and Time

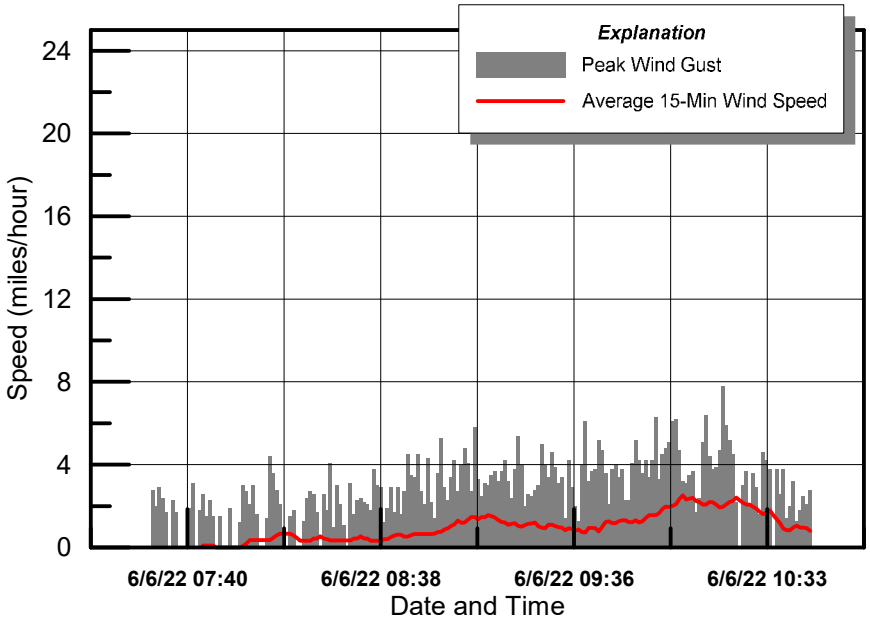

Explanation
Peak Wind Gust
Average 15-Min Wind Speed
Speed (miles/hour)
0
4
8
12
16
20
24
5/10/22 08:38
5/10/22 09:36
5/10/22 10:33
5/10/22 11:31
Date and Time


Explanation
Peak Wind Gust
Average 15-Min Wind Speed
Speed (miles/hour)
0
4
8
12
16
20
24
5/12/22 07:40
5/12/22 08:38
5/12/22 09:36
5/12/22 10:33
Date and Time


Explanation
Peak Wind Gust
Average 15-Min Wind Speed
Speed (miles/hour)
0
4
8
12
16
20
24
5/16/22 07:40
5/16/22 08:38
5/16/22 09:36
5/16/22 10:33
5/16/22 11:31
Date and Time


Explanation
Peak Wind Gust
Average 15-Min Wind Speed
Speed (miles/hour)
0
4
8
12
16
20
24
5/17/22 07:40
5/17/22 08:38
5/17/22 09:36
Date and Time


Explanation
Peak Wind Gust
Average 15-Min Wind Speed
Speed (miles/hour)
0
4
8
12
16
20
24
5/26/22 07:12
5/26/22 07:26
5/26/22 07:40
5/26/22 07:55
5/26/22 08:09
Date and Time


Explanation
Peak Wind Gust
Average 15-Min Wind Speed
Speed (miles/hour)
0
4
8
12
16
20
24
6/6/22 07:40
6/6/22 08:38
6/6/22 09:36
6/6/22 10:33
Date and Time

APPENDIX I

COMPONENT LEAK CHECK REPORTS

OX MOUNTAIN

Q-2-22 FLARE LFG COMPONENT LEAK MONITORING LOWER FLARE (A-7)

INSTRUMENT
MAKE: Irwin
MODEL: Inficon
S/N: 92004293

DATE OF SAMPLING: June 3, 2022
TECHNICIAN: Matt Bowman

LOCATION OF LEAK	CONCENTRATION (ppmv)	DATE OF DISCOVERY	TECHNICIAN	ACTION TAKEN TO REPAIR LEAK	DATE OF REPAIR	DATE OF ANY REQUIRED RE-MONITORING	RE-MONITORED CONCENTRATION (ppmv)
KOP	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flanges Vac side	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Blowers	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
insturments	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
FInges Pos side	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flame Arrestor	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Panels	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flare	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Fittings to Blowers	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Comments:							
Note:	In the event that an exceedance is detected, please intiate corrective action and re-monitor the exceedance location within 7 days of the initial exceedance. Leaks over 500 ppmv methane are exceedances at any component containing landfill gas pursuant to CARB Title 17 of California Code of Regulations Subchapter 10, Article 4, Subarticle 6, Section 95464(b)(1)(B). Leaks over 1,000 ppmv methane are exceedances at any component containing landfill gas pursuant to BAAQMD Regulation 8-34-301.2.						

OX MOUNTAIN

Q-2-22 FLARE LFG COMPONENT LEAK MONITORING UPPER FLARE (A-9)

INSTRUMENT
MAKE: Irwin
MODEL: Inficon
S/N: 92004293

DATE OF SAMPLING: June 3, 2022
TECHNICIAN: Matt Bowman

LOCATION OF LEAK	CONCENTRATION (ppmv)	DATE OF DISCOVERY	TECHNICIAN	ACTION TAKEN TO REPAIR LEAK	DATE OF REPAIR	DATE OF ANY REQUIRED RE-MONITORING	RE-MONITORED CONCENTRATION (ppmv)
KOP	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flanges Vac side	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Blowers	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
insturments	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
FInges Pos side	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flame Arrestor	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Panels	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flare	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Fittings to Blowers	0	6/3/2022	Matt Bowman	N/A	N/A	N/A	N/A
Comments:							
Note:	In the event that an exceedance is detected, please intiate corrective action and re-monitor the exceedance location within 7 days of the initial exceedance. Leaks over 500 ppmv methane are exceedances at any component containing landfill gas pursuant to CARB Title 17 of California Code of Regulations Subchapter 10, Article 4, Subarticle 6, Section 95464(b)(1)(B). Leaks over 1,000 ppmv methane are exceedances at any component containing landfill gas pursuant to BAAQMD Regulation 8-34-301.2.						

OX MOUNTAIN
Q-2-22 LFG COMPONENT LEAK MONITORING AMERESCO PLANT

INSTRUMENT MAKE:	**Irwin**	**DATE OF SAMPLING:**	**May 10, 2022**
MODEL:	**Inficon**	**TECHNICIAN:**	**Matt Bowman**
S/N:	**92004293**		

LOCATION OF LEAK	LEAK CONCENTRATION (ppmv)	DATE OF DISCOVERY	DISCRIPTION OF EQUIPMENT	ACTION TAKEN TO REPAIR LEAK	DATE OF REPAIR	DATE OF ANY REQUIRED RE-MONITORING	RE-MONITORED CONCENTRATION (ppmv)
Blower skid	5	5/10/2022	Blower 1 outlet	informed Paul Z.	N/A	N/A	N/A
Main fuel piping bolt ups/flanges	0	5/10/2022	N/A	N/A	N/A	N/A	N/A
Pre chamber compressors	0	5/10/2022	N/A	N/A	N/A	N/A	N/A
Gas inlet to plant	0	5/10/2022	N/A	N/A	N/A	N/A	N/A
Cooler skid piping	0	5/10/2022	N/A	N/A	N/A	N/A	N/A
TSA piping bolt ups / Flanges	0	5/10/2022	N/A	N/A	N/A	N/A	N/A
Instrument fittings	0	5/10/2022	N/A	N/A	N/A	N/A	N/A
Engine plant	120	5/10/2022	Engine 3 near exhaust	informed Paul Z.	N/A	N/A	N/A
Engine plant	190	5/10/2022	Engine 4 near exhaust	informed Paul Z.	N/A	N/A	N/A
Engine plant	175	5/10/2022	Engine 5 near black flex hose	informed Paul Z.	N/A	N/A	N/A
Engine plant	80	5/10/2022	Engine 6 near exhaust	informed Paul Z.	N/A	N/A	N/A

Comments:	
Note:	In the event that an exceedance is detected, please intiate corrective action and re-monitor the exceedance location within 7 days of the initial exceedance. Leaks over 500 ppmv methane are exceedances at any component containing landfill gas pursuant to CARB Title 17 of California Code of Regulations Subchapter 10, Article 4, Subarticle 6, Section 95464(b)(1)(B). Leaks over 1,000 ppmv methane are exceedances at any component containing landfill gas pursuant to BAAQMD Regulation 8-34-301.2.

OX MOUNTAIN

Q-3-22 FLARE LFG COMPONENT LEAK MONITORING LOWER FLARE (A-7)

INSTRUMENT
MAKE: Irwin
MODEL: Inficon
S/N: 92004293

DATE OF SAMPLING: August 2, 2022
TECHNICIAN: Matt Bowman

LOCATION OF LEAK	CONCENTRATION (ppmv)	DATE OF DISCOVERY	TECHNICIAN	ACTION TAKEN TO REPAIR LEAK	DATE OF REPAIR	DATE OF ANY REQUIRED RE-MONITORING	RE-MONITORED CONCENTRATION (ppmv)
KOP	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flanges Vac side	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Blowers	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
insturments	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
FInges Pos side	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flame Arrestor	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Panels	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flare	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Fittings to Blowers	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Comments:							
Note:	In the event that an exceedance is detected, please intiate corrective action and re-monitor the exceedance location within 7 days of the initial exceedance. Leaks over 500 ppmv methane are exceedances at any component containing landfill gas pursuant to CARB Title 17 of California Code of Regulations Subchapter 10, Article 4, Subarticle 6, Section 95464(b)(1)(B). Leaks over 1,000 ppmv methane are exceedances at any component containing landfill gas pursuant to BAAQMD Regulation 8-34-301.2.						

OX MOUNTAIN

Q-3-22 FLARE LFG COMPONENT LEAK MONITORING UPPER FLARE (A-9)

INSTRUMENT
MAKE: Irwin
MODEL: Inficon
S/N: 92004293

DATE OF SAMPLING: August 2, 2022
TECHNICIAN: Matt Bowman

LOCATION OF LEAK	CONCENTRATION (ppmv)	DATE OF DISCOVERY	TECHNICIAN	ACTION TAKEN TO REPAIR LEAK	DATE OF REPAIR	DATE OF ANY REQUIRED RE-MONITORING	RE-MONITORED CONCENTRATION (ppmv)
KOP	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flanges Vac side	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Blowers	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
insturments	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
FInges Pos side	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flame Arrestor	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Panels	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Flare	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Fittings to Blowers	0	8/2/2022	Matt Bowman	N/A	N/A	N/A	N/A
Comments:							
Note:	In the event that an exceedance is detected, please intiate corrective action and re-monitor the exceedance location within 7 days of the initial exceedance. Leaks over 500 ppmv methane are exceedances at any component containing landfill gas pursuant to CARB Title 17 of California Code of Regulations Subchapter 10, Article 4, Subarticle 6, Section 95464(b)(1)(B). Leaks over 1,000 ppmv methane are exceedances at any component containing landfill gas pursuant to BAAQMD Regulation 8-34-301.2.						

OX MOUNTAIN
Q-3-22 LFG COMPONENT LEAK MONITORING AMERESCO PLANT

INSTRUMENT MAKE:	**Irwin**	**DATE OF SAMPLING:**	**August 2, 2022**
MODEL:	**Inficon**	**TECHNICIAN:**	**Matt Bowman**
S/N:	**92004293**		

LOCATION OF LEAK	LEAK CONCENTRATION (ppmv)	DATE OF DISCOVERY	DISCRIPTION OF EQUIPMENT	ACTION TAKEN TO REPAIR LEAK	DATE OF REPAIR	DATE OF ANY REQUIRED RE-MONITORING	RE-MONITORED CONCENTRATION (ppmv)
Blower skid	10	8/2/2022	Blower 3 outlet	informed Tristan	N/A	N/A	N/A
Main fuel piping bolt ups/flanges	0	8/2/2022	N/A	N/A	N/A	N/A	N/A
Pre chamber compressors	0	8/2/2022	N/A	N/A	N/A	N/A	N/A
Gas inlet to plant	0	8/2/2022	N/A	N/A	N/A	N/A	N/A
Cooler skid piping	0	8/2/2022	N/A	N/A	N/A	N/A	N/A
TSA piping bolt ups / Flanges	0	8/2/2022	N/A	N/A	N/A	N/A	N/A
Instrument fittings	0	8/2/2022	N/A	N/A	N/A	N/A	N/A
Engine plant	150	8/2/2022	Engine 1 near black flex hose	informed Tristan	N/A	N/A	N/A
Engine plant	200	8/2/2022	Engine 2 near black flex hose	informed Tristan	N/A	N/A	N/A
Engine plant	300	8/2/2022	Engine 3 near black flex hose	informed Tristan	N/A	N/A	N/A
Engine plant	350	8/2/2022	Engine 4 near black flex hose	informed Tristan	N/A	N/A	N/A
Comments:							
Note:	In the event that an exceedance is detected, please intiate corrective action and re-monitor the exceedance location within 7 days of the initial exceedance. Leaks over 500 ppmv methane are exceedances at any component containing landfill gas pursuant to CARB Title 17 of California Code of Regulations Subchapter 10, Article 4, Subarticle 6, Section 95464(b)(1)(B). Leaks over 1,000 ppmv methane are exceedances at any component containing landfill gas pursuant to BAAQMD Regulation 8-34-301.2.						

PART 1

CALIBRATION PRECISION TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 5/10/2022

TIME: 10:30 **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: 2 **ppm (1)**

Meter Reading for Calibration Gas: 493 **ppm (2)**

MEASUREMENT #2:

Meter Reading for Zero Air: 0 **ppm (3)**

Meter Reading for Calibration Gas: 494 **ppm (4)**

MEASUREMENT #3:

Meter Reading for Zero Air: 0 **ppm (5)**

Meter Reading for Calibration Gas: 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: 304-401992267S **Span Gas Serial Number:** TIBJ-150A-500-6
Zero Gas Expiration Date: 12/21/2024 **Span Gas Expiration Date:** 08/16/2023

INCLUDE A COPY OF THE CALIBRATION GAS CERTIFICATION SHEET FROM GAS SUPPLIER/MANUFACTURER

PART 2

RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 5/10/2022

TIME: 10:30 **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:	3	**seconds (1)**

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas:	494	**ppm**
90% of the Stabilized Reading:	444	**ppm**
Time to reach 90% of Stabilized Reading After Switching from Zero Air to Calibration Gas:	3	**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:	1	**seconds (1)**

CALCULATE RESPONSE TIME:

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

= 2 **SECONDS (MUST BE LESS THAN 30 SECONDS)**

PERFORMED BY: Matt Bowman

PART 3

STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 5/10/2022

TIME: 10:30 **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: 494 **ppm**
MEASUREMENT #3:
Stabilized Reading Using Calibration Gas: 496 **ppm**

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

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:** 5/10/2022

Site Information

Section 1 - Weather Data

Weather Recorded From: ☐ On-Site Weather Station ☐ Portable Device ☒ Other

If "OTHER", describe device utilized for the collection of weather information below.

Halfmoon Bay apple

Beginning of Monitoring Event		End of Monitoring Event	
Time:	**10:30 AM**	**Time:**	**11:59 AM**
Temperature:	**48 °F**	**Temperature:**	**49 °F**
Barometer:	**30.19 " Hg**	**Barometer:**	**30.21 " Hg**
Humidity:	**66 %**	**Humidity:**	**63 %**
Wind Speed:	**12 mph**	**Wind Speed:**	**13 mph**
Wind Direction:	**NW °**	**Wind Direction:**	**NW °**

PART 1

CALIBRATION PRECISION TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 6/3/2022

TIME: 11:15 **AM** ☒ **PM** ☐

INSTRUMENT MAKE: Inficon **MODEL:** IRwin **S/N:** 92004293

CALIBRATION GAS STANDARD: 500 **ppm** **(check cal. gas certification - should be 500 ppm)**

MEASUREMENT #1:

Meter Reading for Zero Air: 0 **ppm (1)**

Meter Reading for Calibration Gas: 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: 495 **ppm (6)**

CALCULATE PRECISION:

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \quad \mathbf{X} \quad \frac{1}{500} \quad \mathbf{X} \quad \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:

Zero Gas Serial Number: 304-401992267-1 **Span Gas Serial Number:** 304-401913571-1
Zero Gas Expiration Date: 12/21/2024 **Span Gas Expiration Date:** 09/29/2024

INCLUDE A COPY OF THE CALIBRATION GAS CERTIFICATION SHEET FROM GAS SUPPLIER/MANUFACTURER

PART 2

RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 6/3/2022

TIME: 11:15 **AM** ☒ **PM** ☐

INSTRUMENT MAKE: Inficon **MODEL:** IRwin **S/N:** 92004293

MEASUREMENT #1:

Stabilized Reading Using Calibration Gas:	494	**ppm**
90% of the Stabilized Reading:	444	**ppm**
Time to reach 90% of Stabilized Reading After Switching from Zero Air to Calibration Gas:	2	**seconds (1)**

MEASUREMENT #2:

Stabilized Reading Using Calibration Gas:	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 #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:	1	**seconds (1)**

CALCULATE RESPONSE TIME:

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

= 1 **SECONDS (MUST BE LESS THAN 30 SECONDS)**

PERFORMED BY: Matt Bowman

PART 3

STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 6/3/2022

TIME: 11:15 **AM** ☒ **PM** ☐

INSTRUMENT MAKE: Inficon **MODEL:** IRwin **S/N:** 92004293

Stabilized Reading Determination Procedure

Calibration gas standard: 500 **ppm**

MEASUREMENT #1:
Stabilized Reading Using Calibration Gas: 494 **ppm**
MEASUREMENT #2:
Stabilized Reading Using Calibration Gas: 496 **ppm**
MEASUREMENT #3:
Stabilized Reading Using Calibration Gas: 495 **ppm**

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

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:** 6/3/2022

Site Information

Section 1 - Weather Data

Weather Recorded From: ☐ On-Site Weather Station ☐ Portable Device ☒ Other

If "OTHER", describe device utilized for the collection of weather information below.

AccuWeather

Beginning of Monitoring Event		End of Monitoring Event	
Time:	**11:15 AM**	**Time:**	**2:04 PM**
Temperature:	**59 °F**	**Temperature:**	**62 °F**
Barometer:	**29.92 " Hg**	**Barometer:**	**29.92 " Hg**
Humidity:	**98 %**	**Humidity:**	**97 %**
Wind Speed:	**5 mph**	**Wind Speed:**	**3 mph**
Wind Direction:	**W °**	**Wind Direction:**	**W °**

PART 1

CALIBRATION PRECISION TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 8/2/2022

TIME: 8:10 **AM** ☒ **PM** ☐

INSTRUMENT MAKE: Inficon **MODEL:** IRwin **S/N:** 92004293

CALIBRATION GAS STANDARD: 500 **ppm** **(check cal. gas certification - should be 500 ppm)**

MEASUREMENT #1:

Meter Reading for Zero Air: 0 **ppm (1)**

Meter Reading for Calibration Gas: 494 **ppm (2)**

MEASUREMENT #2:

Meter Reading for Zero Air: 0 **ppm (3)**

Meter Reading for Calibration Gas: 494 **ppm (4)**

MEASUREMENT #3:

Meter Reading for Zero Air: 0 **ppm (5)**

Meter Reading for Calibration Gas: 494 **ppm (6)**

CALCULATE PRECISION:

$$\frac{|(500)-(2)| + |(500)-(4)| + |(500) - (6)|}{3} \quad \mathbf{X} \quad \frac{1}{500} \quad \mathbf{X} \quad \frac{100}{1}$$

= +1%

PERFORMED BY: Matt Bowman

CALIBRATION GAS CERTIFICATION DATA AND EXPIRATION DATE:

Zero Gas Serial Number: 304-401992267-1 **Span Gas Serial Number:** 304-401913571-1
Zero Gas Expiration Date: 12/21/2024 **Span Gas Expiration Date:** 09/29/2024

INCLUDE A COPY OF THE CALIBRATION GAS CERTIFICATION SHEET FROM GAS SUPPLIER/MANUFACTURER

PART 2

RESPONSE TIME TEST RECORD

LANDFILL NAME: Ox Mountain

DATE: 8/2/2022

TIME: 8:10 **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:	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 (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:	0	**seconds (1)**

CALCULATE RESPONSE TIME:

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

= 0 **SECONDS (MUST BE LESS THAN 30 SECONDS)**

PERFORMED BY: Matt Bowman

PART 3

STABILIZED READING AND BACKGROUND DETERMINATION

LANDFILL NAME: Ox Mountain

DATE: 8/2/2022

TIME: 8:10 **AM** ☒ **PM** ☐

INSTRUMENT MAKE: Inficon **MODEL:** IRwin **S/N:** 92004293

Stabilized Reading Determination Procedure

Calibration gas standard: 500 **ppm**

MEASUREMENT #1:
Stabilized Reading Using Calibration Gas: 494 **ppm**
MEASUREMENT #2:
Stabilized Reading Using Calibration Gas: 494 **ppm**
MEASUREMENT #3:
Stabilized Reading Using Calibration Gas: 494 **ppm**

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

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:** 8/2/2022

Site Information

Section 1 - Weather Data

Weather Recorded From: ☐ On-Site Weather Station ☐ Portable Device ☒ Other

If "OTHER", describe device utilized for the collection of weather information below.

Apple Weather Ox

Beginning of Monitoring Event		End of Monitoring Event	
Time:	**8:10 AM**	**Time:**	**12:26 PM**
Temperature:	**57 °F**	**Temperature:**	**63 °F**
Barometer:	**30.01 " Hg**	**Barometer:**	**30.04 " Hg**
Humidity:	**100 %**	**Humidity:**	**88 %**
Wind Speed:	**1 mph**	**Wind Speed:**	**8 mph**
Wind Direction:	**N °**	**Wind Direction:**	**NW °**

APPENDIX J

WELLFIELD MONITORING LOGS

OX MOUNTAIN LANDFILL
Wellfield Monitoring Report - April 8, 10, 11, 13, 14, 18, 21, 22, 25, and 27, 2022

Device ID	Date and Time	CH_4	CO_2	O_2	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMLEW101	4/13/2022 15:21	57.9	40.9	0.0	1.2	-0.4	-0.4	-30.6	66.8	5.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMLEW101	4/25/2022 12:46	57.5	41.8	0.0	0.7	-0.4	-0.5	-27.8	67.9	5.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMLEW104	4/14/2022 8:31	57.1	40.4	0.0	2.5	-11.2	-11.5	-37.7	75.2	24.4	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW104	4/25/2022 10:56	55.0	41.7	0.0	3.3	-12.8	-13.1	-35.0	76.6	23.0	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	4/14/2022 8:28	59.6	40.3	0.1	0.0	-37.3	-37.3	-37.5	64.3	5.5	Valve Adjustment:No Change,Valve 100% open
OMLEW107	4/25/2022 10:41	57.4	42.6	0.0	0.0	-34.8	-34.8	-34.9	67.1	15.2	Valve Adjustment:No Change,Valve 100% open
OMLFEW59	4/11/2022 12:24	55.6	39.0	0.1	5.3	-0.8	-0.8	-27.8	105.4	11.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OMLFEW59	4/27/2022 11:45	46.4	36.9	0.0	16.7	-1.4	-1.1	-24.3	106.1	4.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OMLFEW72	4/14/2022 8:40	54.7	40.5	0.0	4.8	-1.8	-2.2	-37.1	50.4		Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW72	4/25/2022 10:31	56.1	40.8	0.0	3.1	-2.9	-3.6	-34.4	64.4		Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW99	4/11/2022 13:27	58.8	38.5	0.0	2.7	-0.4	-0.4	-34.3	67.9	9.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMLFEW99	4/27/2022 8:59	55.0	39.7	0.0	5.3	-0.3	-0.3	-19.0	67.4	7.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMTLTS01	4/14/2022 8:52	57.0	43.0	0.0	0.0	0.0	-0.1	-36.5	51.3	3.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS01	4/25/2022 10:23	52.1	42.8	0.6	4.5	-0.1	-0.1	-31.6	70.0	3.6	Valve Adjustment:No Change,Valve at minimum position
OMTLTS02	4/14/2022 8:55	58.6	41.3	0.1	0.0	-0.1	-0.1	-37.2	62.0	2.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS02	4/25/2022 9:43	53.5	38.5	0.7	7.3	-0.1	-0.1	-35.2	69.7	2.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS03	4/14/2022 9:04	50.7	31.9	3.8	13.6	-0.1	-0.1	-37.1	50.4	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS03	4/25/2022 9:47	21.8	16.5	12.0	49.7	-0.1	-0.1	-35.8	68.3	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	4/14/2022 14:05	39.9	31.6	0.3	28.2	0.0	0.0	-37.3	54.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	4/14/2022 14:09	39.9	31.7	0.2	28.2	0.0	0.0	-37.4	54.4	0.4	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	4/22/2022 9:14	39.0	30.5	1.8	28.7	-0.2	-0.2	-34.3	66.3	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	4/10/2022 13:54	57.4	38.6	0.0	4.0	-0.1	-0.1	-23.8	76.1	8.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	4/22/2022 9:10	21.3	27.3	1.1	50.3	-0.2	-0.2	-35.1	64.8	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	4/10/2022 13:58	60.1	39.9	0.0	0.0	-0.1	-0.1	-24.1	68.7	8.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	4/22/2022 9:04	5.9	9.5	14.3	70.3	-0.3	-0.2	-34.9	76.0	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	4/10/2022 14:21	59.7	40.3	0.0	0.0	-0.1	-0.1	-23.6	75.0	7.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	4/22/2022 8:44	46.9	33.7	3.4	16.0	-0.2	-0.2	-35.3	58.1	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	4/10/2022 14:27	60.5	39.5	0.0	0.0	-0.1	-0.1	-5.4	67.3	8.1	Valve Adjustment:No Change,Valve 5% open
OMTLTS08	4/22/2022 8:42	12.1	9.8	14.8	63.3	-0.2	-0.2	-35.0	59.3	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	4/10/2022 14:33	61.6	38.4	0.0	0.0	-0.1	-0.1	-11.5	65.3	4.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	4/14/2022 13:02	41.1	31.0	1.4	26.5	-0.2	-0.2	-37.3	54.5	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	4/22/2022 8:37	36.8	28.1	2.5	32.6	-0.3	-0.3	-35.2	57.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OMTLTS10	4/10/2022 14:44	63.0	36.9	0.0	0.1	0.0	-0.1	-11.9	67.7	5.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	4/14/2022 12:58	24.9	24.6	2.7	47.8	-0.3	-0.3	-34.3	71.4	9.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS10	4/22/2022 11:01	15.8	20.5	3.8	59.9	-0.3	-0.3	-33.4	74.9	8.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OMTLTS11	4/14/2022 12:42	7.0	17.6	5.1	70.3	-0.2	-0.2	-36.9	53.8	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	4/22/2022 10:51	4.1	11.3	8.4	76.2	-0.2	-0.2	-33.3	57.5	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	4/14/2022 12:34	12.3	24.0	0.8	62.9	-0.1	-0.1	-35.1	53.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	4/22/2022 10:48	5.7	12.9	7.4	74.0	-0.2	-0.1	-30.0	57.7	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	4/14/2022 12:26	25.8	27.7	6.7	39.8	-0.1	-0.1	-37.0	52.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	4/22/2022 10:45	18.6	22.1	7.8	51.5	-0.1	-0.1	-34.9	57.0	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	4/14/2022 12:23	13.8	23.8	3.9	58.5	-0.7	-0.6	-34.7	60.6	1.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS16	4/22/2022 10:33	16.2	23.5	3.8	56.5	-1.1	-1.1	-33.0	63.0	1.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	4/14/2022 12:15	19.0	27.0	0.8	53.2	-0.2	-0.2	-37.2	53.2	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	4/22/2022 10:20	9.5	11.1	11.6	67.8	-0.3	-0.2	-34.9	54.2	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS18	4/10/2022 14:54	56.2	39.6	0.0	4.2	-0.8	-0.8	-25.2	64.7	31.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OMTLTS18	4/22/2022 10:14	49.4	37.9	0.2	12.5	-1.3	-1.3	-35.4	64.0	37.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OMTLTS19	4/10/2022 15:00	45.5	34.6	4.9	15.0	-0.1	-0.1	-25.3	79.2	5.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS19	4/22/2022 10:09	25.7	19.5	11.9	42.9	-0.2	-0.2	-34.8	61.7	1.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	4/10/2022 15:07	59.7	40.2	0.1	0.0	-0.1	-0.4	-24.9	72.1	12.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMTLTS20	4/22/2022 10:04	51.4	36.3	0.9	11.4	-1.0	-0.6	-36.0	68.6	12.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW133B	4/11/2022 10:47	16.7	25.3	1.6	56.4	-5.3	-5.2	-30.1	72.8	27.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW133B	4/25/2022 10:12	19.6	24.9	3.7	51.8	-6.6	-5.6	-28.5	73.8	37.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW134A	4/14/2022 9:41	54.4	39.9	0.0	5.7	-9.3	-9.5	-36.9	74.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW134A	4/25/2022 9:53	49.1	38.7	0.0	12.2	-12.1	-10.9	-34.1	80.6	25.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	4/14/2022 9:19	48.9	34.5	1.4	15.2	-31.0	-30.9	-34.3	63.3	71.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	4/25/2022 9:49	44.6	35.3	0.6	19.5	-29.7	-28.8	-34.5	67.7	92.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW137B	4/10/2022 14:11	57.6	42.4	0.0	0.0	-22.6	-22.6	-22.5	77.7	28.9	Valve Adjustment:No Change,Valve 100% open
OXEW137B	4/22/2022 8:53	58.6	40.5	0.0	0.9	-32.0	-32.0	-32.6	71.5	29.7	Valve Adjustment:No Change,Valve 100% open
OXEW1601	4/8/2022 13:48	54.7	37.7	0.6	7.0	-4.0	-4.0	-20.3	123.6	26.1	Valve Adjustment:No Change
OXEW1601	4/18/2022 9:53	51.1	38.5	1.0	9.4	-6.3	-6.1	-38.2	122.2	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1602	4/14/2022 11:01	58.2	41.8	0.0	0.0	-34.1	-34.1	-35.1	127.3	49.3	Valve Adjustment:No Change,Valve 100% open
OXEW1602	4/27/2022 15:11	56.9	37.9	0.1	5.1	-30.8	-30.8	-31.7	127.4	48.1	Valve Adjustment:No Change,Valve 100% open
OXEW1603	4/8/2022 13:41	52.4	36.4	2.5	8.7	-17.3	-17.3	-18.2	126.3	42.2	Valve Adjustment:No Change
OXEW1603	4/18/2022 10:05	53.6	40.3	1.5	4.6	-32.3	-32.3	-34.2	126.6	40.8	Valve Adjustment:No Change
OXEW1604	4/14/2022 10:32	54.0	42.1	0.0	3.9	-3.2	-3.2	-32.0	123.7	25.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	4/21/2022 10:04	49.8	41.1	0.0	9.1	-3.5	-3.4	-30.7	125.2	13.6	Valve Adjustment:Closed valve 1/2 turn or less

OXEW1611	4/8/2022 16:05	43.4	30.3	3.7	22.6	-18.3	-18.0	-18.0	73.6	1.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1611	4/18/2022 8:40	51.9	37.4	2.7	8.0	-35.7	-35.7	-35.9	60.0	5.2	Valve Adjustment:No Change,Valve 5% open
OXEW1612	4/14/2022 11:07	57.1	41.9	0.0	1.0	-24.4	-24.4	-34.7	125.5	29.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1612	4/21/2022 9:16	56.3	41.4	0.0	2.3	-26.0	-26.2	-36.2	125.9	32.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	4/14/2022 10:28	56.2	42.2	0.2	1.4	-9.3	-9.4	-32.4	125.8	40.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	4/21/2022 10:11	55.8	42.8	0.2	1.2	-9.7	-10.1	-33.0	126.9	41.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	4/14/2022 10:24	48.6	40.4	0.0	11.0	-4.2	-4.2	-34.7	116.5	119.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	4/21/2022 10:21	55.4	41.8	0.0	2.8	-0.5	-0.5	-36.6	116.3	10.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	4/13/2022 16:51	51.0	37.7	0.0	11.3	-18.3	-18.3	-34.9	115.4	25.1	Valve Adjustment:No Change
OXEW1616	4/21/2022 10:56	51.0	39.7	0.0	9.3	-17.5	-17.5	-32.2	115.1	25.4	Valve Adjustment:No Change
OXEW1617	4/11/2022 10:01	54.5	40.3	0.0	5.2	-2.6	-2.6	-30.2	128.3	16.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1617	4/21/2022 14:02	53.6	40.2	0.0	6.2	-3.6	-3.6	-34.6	130.0	16.7	Valve Adjustment:No Change,Valve 25% open
OXEW1618	4/14/2022 17:56	53.0	38.0	0.0	9.0	-1.0	-1.0	-34.0	128.2	41.0	Valve Adjustment:No Change,Valve 25% open
OXEW1618	4/21/2022 10:14	49.1	40.9	0.0	10.0	-1.4	-1.4	-36.1	128.3	41.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1619	4/10/2022 13:27	58.7	41.3	0.0	0.0	-21.9	-21.9	-22.3	123.3	10.0	Valve Adjustment:No Change,Valve 100% open
OXEW1619	4/22/2022 9:36	58.6	41.3	0.1	0.0	-33.8	-33.8	-35.0	123.1	14.9	Valve Adjustment:No Change,Valve 100% open
OXEW1620	4/10/2022 13:24	58.1	40.2	0.0	1.7	-4.6	-4.6	-22.7	118.0	11.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1620	4/22/2022 9:42	55.4	40.0	0.0	4.6	-6.5	-6.6	-35.6	118.7	11.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1621	4/13/2022 11:28	49.2	39.8	0.0	11.0	-0.7	-0.7	-38.7	122.8	12.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	4/21/2022 15:52	51.4	39.9	0.0	8.7	-0.4	-0.4	-38.1	121.5	36.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	4/10/2022 13:32	51.1	38.2	2.5	8.2	-6.4	-6.2	-25.3	122.1	15.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	4/22/2022 9:32	51.4	38.0	2.6	8.0	-11.1	-11.1	-33.8	122.0	17.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1701	4/13/2022 17:33	60.5	39.0	0.0	0.5	-34.7	-34.7	-35.2	119.7	20.5	Valve Adjustment:No Change,Valve 100% open
OXEW1701	4/21/2022 11:40	59.3	40.7	0.0	0.0	-30.3	-30.6	-31.3	119.1	20.1	Valve Adjustment:No Change,Valve 100% open
OXEW1702	4/13/2022 16:17	60.3	38.9	0.0	0.8	-32.1	-32.2	-35.5	123.6	39.5	Valve Adjustment:No Change,Valve 100% open
OXEW1702	4/21/2022 11:28	58.6	41.4	0.0	0.0	-28.6	-28.6	-31.4	123.5	34.9	Valve Adjustment:No Change,Valve 100% open
OXEW1703	4/13/2022 16:25	58.8	40.3	0.0	0.9	-32.8	-32.7	-33.3	127.4	15.8	Valve Adjustment:No Change,Valve 100% open
OXEW1703	4/21/2022 11:15	57.4	42.6	0.0	0.0	-28.3	-28.0	-28.4	124.9	6.1	Valve Adjustment:No Change,Valve 100% open
OXEW1705	4/8/2022 13:17	43.5	32.0	5.4	19.1	-15.5	-14.4	-19.0	92.7	4.7	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn
OXEW1705	4/8/2022 13:19	38.4	28.7	7.2	25.7	-13.7	-11.3	-19.0	91.9	5.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 5% open
OXEW1705	4/21/2022 12:07	58.0	42.0	0.0	0.0	-0.2	-0.7	-31.6	82.5	10.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1715	4/14/2022 15:33	57.9	38.0	0.0	4.1	-19.9	-21.5	-37.5	58.9	0.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1715	4/22/2022 11:53	57.3	39.7	0.0	3.0	-20.4	-21.7	-35.0	64.0	0.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1716	4/11/2022 12:45	57.6	40.3	0.0	2.1	-32.2	-32.2	-32.2	85.2	7.4	Valve Adjustment:No Change,Valve 100% open
OXEW1716	4/27/2022 11:49	56.6	40.6	0.0	2.8	-33.7	-33.6	-33.7	89.1	4.7	Valve Adjustment:No Change,Valve 100% open

OXEW1717	4/13/2022 12:54	52.0	34.8	1.4	11.8	-35.9	-35.9	-41.2	97.3	2.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXEW1717	4/27/2022 11:36	52.7	37.4	0.6	9.3	-28.1	-28.1	-34.9	103.6	2.9	Valve Adjustment:No Change,Valve 45% open
OXEW1801	4/14/2022 10:05	54.6	40.7	0.0	4.7	-10.2	-10.2	-34.9	122.4	9.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1801	4/21/2022 10:45	49.3	38.4	1.7	10.6	-9.0	-8.9	-36.3	118.7	10.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1804	4/14/2022 10:44	56.1	41.8	0.4	1.7	-34.1	-34.1	-35.4	125.2	22.4	Valve Adjustment:No Change,Valve 100% open
OXEW1804	4/21/2022 9:52	55.7	42.4	0.3	1.6	-35.4	-35.4	-37.0	126.1	21.0	Valve Adjustment:No Change,Valve 100% open
OXEW1805	4/14/2022 10:54	55.2	41.5	0.1	3.2	-22.2	-22.3	-34.9	123.7	21.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW1805	4/21/2022 9:39	53.6	40.4	0.1	5.9	-23.9	-24.0	-36.9	123.9	20.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW1806	4/13/2022 11:08	49.9	40.5	0.0	9.6	-0.3	-0.3	-40.0	120.5	11.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1806	4/21/2022 15:34	51.8	40.4	0.0	7.8	-0.8	-0.8	-34.3	120.4	4.1	Valve Adjustment:No Change,Valve 10% open
OXEW1807	4/13/2022 16:39	53.8	37.3	0.5	8.4	-17.6	-17.6	-38.4	130.2	50.6	Valve Adjustment:No Change,Valve 45% open
OXEW1807	4/21/2022 11:09	53.9	40.3	0.4	5.4	-16.0	-16.0	-35.4	130.2	50.3	Valve Adjustment:No Change,Valve 45% open
OXEW1808	4/13/2022 16:35	53.3	36.4	2.3	8.0	-35.2	-35.9	-35.1	59.5	4.9	Valve Adjustment:No Change,Valve 55% open
OXEW1808	4/18/2022 9:10	56.3	40.1	1.4	2.2	-35.9	-35.9	-36.0	65.3	14.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1809	4/8/2022 14:12	58.4	40.1	0.0	1.5	-15.0	-15.0	-17.7	115.9	41.6	Valve Adjustment:No Change,Valve 100% open
OXEW1809	4/18/2022 9:43	55.8	41.4	0.0	2.8	-29.0	-29.1	-34.6	113.8	58.1	Valve Adjustment:No Change,Valve 100% open
OXEW1810	4/14/2022 14:34	53.6	33.7	0.2	12.5	-27.1	-27.2	-37.2	61.2	2.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1810	4/18/2022 12:41	52.3	33.9	0.3	13.5	-29.0	-29.0	-39.6	68.1	3.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1811	4/11/2022 9:36	54.0	36.6	2.0	7.4	-6.2	-6.2	-27.7	51.8	7.3	Valve Adjustment:No Change,Valve 25% open
OXEW1811	4/21/2022 13:37	51.8	35.8	2.6	9.8	-8.8	-8.5	-33.7	70.6	8.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1812	4/11/2022 11:11	55.1	37.2	0.1	7.6	-18.6	-18.6	-33.0	123.9	34.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1812	4/21/2022 16:37	49.8	37.5	0.2	12.5	-20.6	-20.3	-36.6	123.9	34.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1813	4/13/2022 16:46	59.7	39.7	0.0	0.6	-36.8	-36.9	-36.8	115.6	8.7	Valve Adjustment:No Change,Valve 100% open
OXEW1813	4/21/2022 10:58	58.3	41.7	0.0	0.0	-33.4	-33.4	-33.8	114.2	6.3	Valve Adjustment:No Change,Valve 100% open
OXEW1815	4/13/2022 10:33	56.4	38.7	0.0	4.9	-9.2	-9.6	-40.0	125.6	29.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1815	4/21/2022 14:37	53.8	38.6	0.0	7.6	-8.5	-8.7	-36.4	125.5	28.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1816	4/10/2022 15:56	59.5	40.1	0.0	0.4	-11.8	-11.8	-21.9	117.1	81.1	Valve Adjustment:No Change,Valve 100% open
OXEW1816	4/21/2022 11:36	58.9	41.1	0.0	0.0	-17.0	-17.0	-32.8	116.7	98.3	Valve Adjustment:No Change,Valve 100% open
OXEW1817	4/10/2022 16:05	59.1	40.4	0.0	0.5	-21.0	-20.9	-21.5	107.7	10.5	Valve Adjustment:No Change,Valve 100% open
OXEW1817	4/18/2022 8:57	58.1	41.9	0.0	0.0	-36.1	-36.1	-36.3	106.0	16.4	Valve Adjustment:No Change,Valve 100% open
OXEW1821	4/13/2022 12:24	36.8	23.5	0.2	39.5	-0.1	-0.1	-39.4	56.5	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1821	4/18/2022 12:10	36.5	23.1	0.3	40.1	-0.1	-0.1	-39.5	65.1	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	4/13/2022 12:19	22.2	24.8	0.2	52.8	-0.1	-0.1	-39.4	58.3	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	4/18/2022 12:14	21.5	24.0	0.2	54.3	-0.2	-0.2	-39.4	67.4	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	4/13/2022 8:41	27.1	30.0	0.0	42.9	-0.1	-0.1	-39.4	49.6	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXEW1823	4/18/2022 12:18	26.9	29.2	0.0	43.9	-0.1	-0.1	-39.5	67.1	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1824	4/11/2022 12:37	64.0	34.4	0.2	1.4	-32.9	-32.9	-33.1	54.2	1.3	Valve Adjustment:No Change,Valve 100% open
OXEW1824	4/18/2022 12:33	63.6	34.2	0.1	2.1	-39.7	-39.7	-39.6	69.1	3.0	Valve Adjustment:No Change,Valve 100% open
OXEW1825	4/14/2022 14:39	52.2	34.5	0.0	13.3	-1.9	-1.9	-36.9	53.7	1.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1825	4/18/2022 12:43	49.9	33.9	0.5	15.7	-1.7	-1.6	-39.6	69.3	1.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	4/11/2022 11:01	55.9	38.4	0.5	5.2	-1.8	-1.8	-33.0	77.8	4.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	4/25/2022 9:26	49.4	38.4	0.0	12.2	-2.9	-2.9	-35.6	81.3	3.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	4/10/2022 13:19	58.5	40.7	0.1	0.7	-22.6	-22.7	-22.7	73.5	1.4	Valve Adjustment:No Change,Valve 100% open
OXEW1901	4/22/2022 9:58	58.3	41.5	0.2	0.0	-35.0	-35.0	-35.5	59.7	3.2	Valve Adjustment:No Change,Valve 100% open
OXEW1902	4/13/2022 16:23	59.5	39.3	0.1	1.1	-35.4	-35.9	-35.6	67.1	9.9	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 80% open
OXEW1902	4/21/2022 11:22	48.5	36.6	3.0	11.9	-32.2	-32.1	-32.4	67.5	3.1	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 30% open
OXEW1904	4/13/2022 16:28	52.9	37.9	0.1	9.1	-15.3	-15.3	-38.0	107.3	44.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW1904	4/21/2022 11:11	52.6	39.9	0.0	7.5	-13.1	-13.1	-33.7	105.8	38.5	Valve Adjustment:No Change,Valve 50% open
OXEW1908	4/8/2022 16:01	60.1	39.5	0.0	0.4	-13.9	-13.9	-15.7	113.4	20.7	Valve Adjustment:No Change,Valve 100% open
OXEW1908	4/27/2022 10:29	59.3	40.7	0.0	0.0	-16.9	-16.9	-19.3	112.5	6.9	Valve Adjustment:No Change,Valve 100% open
OXEW1909	4/8/2022 15:31	58.1	39.6	0.0	2.3	-17.5	-17.5	-17.5	78.2	6.0	Valve Adjustment:No Change,Valve 100% open
OXEW1909	4/27/2022 10:05	58.4	41.0	0.0	0.6	-22.1	-22.0	-22.5	71.5	11.6	Valve Adjustment:No Change,Valve 100% open
OXEW1910	4/8/2022 15:51	59.2	38.2	0.0	2.6	-13.7	-13.8	-17.2	114.5	5.1	Valve Adjustment:No Change,Valve 100% open
OXEW1910	4/27/2022 10:34	55.7	40.0	0.0	4.3	-16.7	-16.7	-21.4	114.0	13.0	Valve Adjustment:No Change,Valve 100% open
OXEW1911	4/14/2022 10:58	58.8	41.2	0.0	0.0	-13.5	-13.7	-37.4	127.0	10.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1911	4/21/2022 9:22	58.5	41.5	0.0	0.0	-22.2	-22.9	-38.6	129.1	10.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1912	4/8/2022 13:57	57.4	39.5	0.0	3.1	-9.2	-9.2	-20.7	124.2	29.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1912	4/18/2022 9:37	54.1	39.9	0.0	6.0	-20.6	-20.6	-39.8	123.2	45.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1912	4/21/2022 9:35	57.3	41.9	0.0	0.8	-35.0	-35.1	-35.8	127.4	20.5	Valve Adjustment:No Change,Valve 100% open
OXEW1913	4/11/2022 11:20	59.4	40.4	0.0	0.2	-13.8	-13.9	-32.9	92.0	24.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1913	4/21/2022 16:44	59.1	40.2	0.0	0.7	-18.5	-19.0	-34.5	93.2	22.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1914	4/11/2022 9:14	59.4	39.8	0.0	0.8	-28.0	-28.0	-28.0	94.1	6.0	Valve Adjustment:No Change,Valve 100% open
OXEW1914	4/21/2022 13:09	59.5	40.4	0.1	0.0	-34.2	-34.3	-34.6	95.6	2.9	Valve Adjustment:No Change,Valve 100% open
OXEW1915	4/13/2022 13:14	53.5	37.9	0.7	7.9	-2.2	-2.2	-41.0	62.8	6.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1915	4/27/2022 8:48	48.8	38.7	0.6	11.9	-2.0	-2.0	-36.4	64.3	5.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1916	4/13/2022 14:51	38.8	24.9	7.4	28.9	-39.7	-39.6	-39.7	55.7	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1916	4/14/2022 16:48	54.9	32.8	1.8	10.5	-0.8	-0.9	-37.5	51.8	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1916	4/25/2022 12:20	56.0	35.2	1.7	7.1	-24.6	-30.7	-34.9	67.8	0.3	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 5% open
OXEW1917	4/13/2022 15:01	52.0	37.0	0.2	10.8	-30.8	-30.8	-39.8	71.7	3.5	Valve Adjustment:No Change,Valve 10% open
OXEW1917	4/25/2022 12:26	55.8	39.4	0.1	4.7	-26.7	-27.0	-34.8	73.3	3.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open

OXEW1918	4/14/2022 14:27	18.4	24.8	0.3	56.5	-0.1	-0.1	-36.9	55.2	0.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1918	4/18/2022 12:36	23.4	25.6	0.4	50.6	-0.1	-0.1	-39.5	72.4	0.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	4/13/2022 9:15	61.1	38.4	0.0	0.5	-0.1	-0.1	-39.5	48.9	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	4/18/2022 12:03	55.4	36.1	0.0	8.5	-0.5	-0.5	-39.4	75.7	0.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1920	4/13/2022 12:27	35.5	26.5	1.4	36.6	0.0	-0.1	-39.0	55.1	0.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	4/18/2022 12:07	40.4	30.0	0.4	29.2	-0.1	-0.1	-39.7	65.3	0.3	Valve Adjustment:No Change,Valve at minimum position
OXEW1921	4/11/2022 12:40	56.3	36.4	0.4	6.9	-31.2	-31.3	-33.6	111.8	25.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXEW1921	4/18/2022 11:48	50.9	38.3	0.5	10.3	-37.4	-37.2	-39.7	112.3	26.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXEW2001	4/13/2022 13:22	48.7	39.2	0.0	12.1	-1.2	-1.1	-40.2	122.2	9.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2001	4/25/2022 11:59	55.0	40.8	0.0	4.2	-0.3	-0.4	-32.4	124.1	8.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2002	4/11/2022 13:03	55.2	40.0	0.0	4.8	-28.3	-28.3	-35.1	120.9	35.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2002	4/27/2022 11:59	52.8	39.9	0.0	7.3	-29.7	-29.7	-36.0	120.9	31.3	Valve Adjustment:No Change,Valve 60% open
OXEW2003	4/11/2022 13:00	54.2	41.7	1.0	3.1	-33.7	-33.7	-34.0	128.1	4.9	Valve Adjustment:No Change,Valve 100% open
OXEW2003	4/27/2022 11:56	54.1	40.4	0.4	5.1	-34.9	-35.0	-35.2	117.9	3.8	Valve Adjustment:No Change,Valve 100% open
OXEW2004	4/11/2022 12:51	51.6	38.4	1.4	8.6	-29.3	-28.9	-33.9	129.0	52.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW2004	4/27/2022 11:40	50.8	37.8	1.0	10.4	-28.9	-28.7	-35.5	129.2	57.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 85% open
OXEW2005	4/11/2022 12:43	55.6	38.2	0.0	6.2	-3.3	-3.3	-33.3	121.4	8.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2005	4/18/2022 11:44	50.7	40.3	0.1	8.9	-4.2	-4.2	-40.0	124.0	9.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2006	4/13/2022 9:04	35.1	29.5	0.0	35.4	-0.2	-0.2	-39.7	51.8	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2006	4/18/2022 11:58	62.5	37.0	0.0	0.5	-0.1	-0.1	-39.3	64.9	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2007	4/11/2022 12:32	59.5	38.1	0.1	2.3	-33.4	-33.4	-34.4	110.5	18.7	Valve Adjustment:No Change,Valve 100% open
OXEW2007	4/18/2022 11:53	58.8	39.0	0.0	2.2	-38.6	-38.6	-38.9	111.1	15.9	Valve Adjustment:No Change,Valve 100% open
OXEW2008	4/11/2022 12:28	64.0	34.0	0.2	1.8	-34.4	-34.4	-34.4	61.2	1.4	Valve Adjustment:No Change,Valve 100% open
OXEW2008	4/18/2022 12:20	63.3	33.2	0.3	3.2	-39.7	-39.7	-39.3	69.0	5.8	Valve Adjustment:No Change,Valve 100% open
OXEW2009	4/13/2022 15:09	57.1	41.6	0.0	1.3	-39.6	-39.6	-40.1	98.5	11.0	Valve Adjustment:No Change,Valve 100% open
OXEW2009	4/25/2022 12:34	56.5	41.9	0.1	1.5	-34.7	-34.7	-35.1	103.0	16.0	Valve Adjustment:No Change,Valve 100% open
OXEW2010	4/13/2022 15:05	58.4	40.0	0.0	1.6	-7.8	-8.4	-40.3	70.6	2.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2010	4/25/2022 12:30	58.3	40.2	0.0	1.5	-6.4	-7.4	-34.9	71.5	2.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2011	4/13/2022 13:33	55.6	41.0	0.0	3.4	-3.9	-4.0	-40.7	111.4	10.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2011	4/25/2022 12:10	52.7	41.0	0.0	6.3	-3.0	-3.0	-36.1	112.7	10.7	Valve Adjustment:No Change,Valve 15% open
OXEW2012	4/11/2022 13:15	56.0	39.2	0.3	4.5	-24.9	-25.0	-35.7	109.8	19.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2012	4/27/2022 12:01	51.4	38.7	0.1	9.8	-25.3	-25.0	-36.9	110.2	19.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2016	4/8/2022 13:33	57.5	40.5	0.2	1.8	-12.3	-12.3	-20.5	130.2	27.3	Valve Adjustment:No Change,Valve 45% open
OXEW2016	4/18/2022 10:24	55.9	42.6	0.3	1.2	-21.6	-21.5	-39.8	130.2	40.7	Valve Adjustment:No Change,Valve 45% open
OXEW2017	4/14/2022 17:50	58.6	38.2	0.0	3.2	-0.1	-0.1	-34.7	113.1	5.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open

OXEW2017	4/18/2022 10:17	48.8	38.9	2.1	10.2	-0.8	-0.7	-36.9	120.2	19.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2019	4/8/2022 15:35	57.9	40.4	0.0	1.7	-15.8	-15.8	-18.0	94.2	38.7	Valve Adjustment:No Change,Valve 100% open
OXEW2019	4/27/2022 10:08	57.1	41.7	0.0	1.2	-19.2	-19.2	-22.6	93.7	45.6	Valve Adjustment:No Change,Valve 100% open
OXEW2020	4/13/2022 10:35	58.8	40.9	0.0	0.3	-7.3	-6.8	-39.2	130.8	12.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2020	4/13/2022 10:38	58.6	41.4	0.0	0.0	-6.8	-7.0	-39.4	130.3	11.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2020	4/21/2022 14:34	58.1	40.1	0.0	1.8	-6.1	-6.1	-35.1	130.3	12.4	Valve Adjustment:No Change,Valve 15% open
OXEW2021	4/13/2022 10:27	54.2	37.1	1.8	6.9	-2.8	-2.8	-39.9	96.1	2.7	Valve Adjustment:No Change,Valve 25% open
OXEW2021	4/21/2022 14:58	45.7	31.6	4.1	18.6	-2.3	-1.8	-36.2	97.1	2.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2022	4/13/2022 17:25	58.6	38.9	0.0	2.5	-36.5	-36.5	-38.4	127.8	34.9	Valve Adjustment:No Change,Valve 100% open
OXEW2022	4/21/2022 11:49	57.5	41.2	0.0	1.3	-32.8	-32.8	-35.0	125.2	34.4	Valve Adjustment:No Change,Valve 100% open
OXEW2023	4/8/2022 13:07	59.1	40.8	0.1	0.0	-17.3	-17.3	-18.6	123.9	23.8	Valve Adjustment:No Change,Valve 100% open
OXEW2023	4/18/2022 9:13	58.6	41.3	0.1	0.0	-33.6	-33.6	-35.6	123.3	43.2	Valve Adjustment:No Change,Valve 100% open
OXEW2024	4/10/2022 16:07	57.8	40.9	0.1	1.2	-3.4	-3.4	-22.1	112.5	49.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2024	4/18/2022 8:46	53.5	39.9	0.2	6.4	-5.7	-5.8	-38.7	112.8	69.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2025	4/8/2022 15:39	60.6	39.2	0.0	0.2	-17.3	-17.4	-17.7	100.3	12.9	Valve Adjustment:No Change,Valve 100% open
OXEW2025	4/27/2022 10:13	59.9	40.1	0.0	0.0	-21.7	-21.6	-22.0	99.5	15.5	Valve Adjustment:No Change,Valve 100% open
OXEW2026	4/14/2022 16:12	59.7	37.6	0.0	2.7	-25.8	-25.7	-38.9	97.8	89.0	Valve Adjustment:No Change,Valve 100% open
OXEW2026	4/22/2022 12:20	59.5	39.1	0.0	1.4	-24.2	-24.2	-35.9	98.3	85.4	Valve Adjustment:No Change,Valve 100% open
OXEW2027	4/8/2022 15:46	61.4	37.5	0.0	1.1	-17.3	-17.4	-17.1	70.8	5.0	Valve Adjustment:No Change,Valve 100% open
OXEW2027	4/27/2022 10:19	60.6	39.4	0.0	0.0	-21.1	-20.7	-21.3	62.8	19.5	Valve Adjustment:No Change,Valve 100% open
OXEW2028	4/14/2022 16:29	52.3	34.9	2.2	10.6	-29.9	-30.0	-37.8	51.0	0.9	Valve Adjustment:No Change,Valve at minimum position
OXEW2028	4/22/2022 12:24	50.8	37.1	2.7	9.4	-34.4	-34.4	-34.7	58.2	0.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2029	4/13/2022 17:22	50.2	36.5	0.2	13.1	-8.5	-8.3	-40.1	121.8	34.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXEW2029	4/21/2022 11:57	48.5	39.0	0.1	12.4	-8.4	-8.3	-37.1	120.8	32.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2030	4/8/2022 13:26	58.3	41.5	0.2	0.0	-18.2	-18.3	-19.0	126.0	25.4	Valve Adjustment:No Change,Valve 100% open
OXEW2030	4/18/2022 11:18	57.4	42.6	0.0	0.0	-32.8	-32.8	-35.3	125.1	38.6	Valve Adjustment:No Change,Valve 100% open
OXEW2031	4/8/2022 13:31	57.9	39.6	0.2	2.3	-14.6	-14.6	-19.2	126.4	24.8	Valve Adjustment:No Change,Valve 100% open
OXEW2031	4/18/2022 10:28	55.0	42.4	0.2	2.4	-28.3	-28.3	-36.8	125.8	32.8	Valve Adjustment:No Change,Valve 100% open
OXEW2101	4/13/2022 11:17	51.1	41.2	0.0	7.7	-1.0	-1.0	-39.3	125.2	15.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW2101	4/21/2022 15:36	52.0	40.5	0.0	7.5	-0.7	-0.7	-35.5	124.9	14.3	Valve Adjustment:No Change,Valve 20% open
OXEW2102	4/8/2022 16:03	59.8	39.2	0.0	1.0	-17.0	-17.0	-18.1	101.7	14.0	Valve Adjustment:No Change,Valve 100% open
OXEW2102	4/18/2022 8:33	59.5	40.5	0.0	0.0	-34.0	-34.0	-35.6	80.8	39.9	Valve Adjustment:No Change,Valve 100% open
OXEW2103	4/10/2022 16:12	57.9	40.8	0.0	1.3	-5.7	-5.7	-23.9	100.6	59.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2103	4/18/2022 8:42	53.6	39.1	0.3	7.0	-9.4	-9.4	-42.8	101.2	78.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2104	4/14/2022 16:25	58.5	39.5	0.0	2.0	-23.6	-24.2	-40.0	113.5	33.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn

OXEW2104	4/27/2022 12:37	57.7	40.3	0.1	1.9	-22.5	-22.5	-37.3	113.9	30.9	Valve Adjustment:No Change,Valve 100% open
OXEW2105	4/8/2022 15:54	58.3	38.8	0.0	2.9	-7.5	-7.6	-18.1	109.5	17.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW2105	4/27/2022 10:22	55.5	39.5	0.0	5.0	-9.8	-9.9	-21.7	108.0	14.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW2106	4/8/2022 14:06	59.1	39.9	0.0	1.0	-12.6	-12.6	-13.1	116.4	8.1	Valve Adjustment:No Change,Valve 100% open
OXEW2106	4/18/2022 9:48	56.3	41.7	0.0	2.0	-25.4	-25.4	-26.3	116.2	28.3	Valve Adjustment:No Change,Valve 100% open
OXEW2107	4/13/2022 13:19	55.4	40.8	0.0	3.8	-30.4	-30.5	-32.7	119.6	21.2	Valve Adjustment:No Change,Valve 100% open
OXEW2107	4/25/2022 11:55	54.3	42.6	0.1	3.0	-28.3	-28.3	-28.3	122.8	12.8	Valve Adjustment:No Change,Valve 100% open
OXEW2108	4/11/2022 13:06	54.6	39.5	0.0	5.9	-11.3	-11.3	-34.5	125.5	25.3	Valve Adjustment:No Change,Valve 35% open
OXEW2108	4/27/2022 12:11	52.5	39.2	0.0	8.3	-12.3	-12.2	-28.3	125.6	24.6	Valve Adjustment:No Change,Valve 35% open
OXEW2109	4/13/2022 13:30	57.2	41.1	0.0	1.7	-0.3	-0.5	-41.5	65.7	4.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	4/25/2022 12:05	36.2	34.8	0.0	29.0	-13.1	-12.2	-35.9	83.0	3.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2110	4/8/2022 13:14	59.4	40.0	0.0	0.6	-15.0	-15.0	-15.3	106.3	13.3	Valve Adjustment:No Change,Valve 100% open
OXEW2110	4/18/2022 9:29	58.9	41.1	0.0	0.0	-31.5	-31.5	-32.3	100.4	53.8	Valve Adjustment:No Change,Valve 100% open
OXEW2111	4/14/2022 15:46	56.1	36.0	0.0	7.9	-7.2	-7.2	-37.1	96.0	115.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 95% open
OXEW2111	4/27/2022 14:00	56.0	38.5	0.0	5.5	-7.2	-7.1	-35.3	96.7	113.1	Valve Adjustment:No Change,Valve 100% open
OXEW2112	4/8/2022 14:18	58.7	39.5	0.0	1.8	-16.3	-16.3	-21.0	99.7	1.5	Valve Adjustment:No Change,Valve 100% open
OXEW2112	4/27/2022 10:45	57.6	40.6	0.0	1.8	-19.2	-19.2	-23.9	100.9	3.0	Valve Adjustment:No Change,Valve 100% open
OXEW2113	4/8/2022 14:13	57.8	39.1	0.0	3.1	-17.3	-17.4	-20.2	121.3	33.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXEW2113	4/25/2022 13:34	56.2	37.9	0.0	5.9	-29.7	-29.7	-34.3	120.7	44.8	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 85% open
OXEWHC6A	4/13/2022 13:04	45.6	39.9	0.1	14.4	-2.6	-2.5	-41.4	63.2	3.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A	4/27/2022 8:40	0.4	1.3	22.2	76.1	-33.4	-32.9	-36.2	56.4	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A	4/27/2022 8:43	0.3	0.6	22.3	76.8	-32.3	-32.0	-36.6	55.6	0.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXHC1922	4/14/2022 18:02	52.3	36.1	1.1	10.5	-0.4	-0.4	-34.6	54.6	13.2	Valve Adjustment:No Change,Valve 35% open
OXHC1922	4/25/2022 13:30	54.3	35.7	1.0	9.0	-0.4	-0.4	-32.1	84.3	13.7	Valve Adjustment:No Change,Valve 35% open
OXHC2000	4/13/2022 17:42	59.4	38.4	0.2	2.0	-30.2	-31.2	-37.9	67.3	53.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXHC2000	4/27/2022 13:38	60.5	38.8	0.1	0.6	-27.7	-28.3	-33.1	73.7	55.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 95% open
OXHC2001	4/13/2022 17:40	50.8	37.4	2.1	9.7	-1.4	-1.4	-40.7	68.5	20.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXHC2001	4/27/2022 13:37	61.7	37.2	0.0	1.1	-0.6	-0.7	-35.5	86.3	26.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXHC2013	4/14/2022 15:27	42.0	35.3	0.0	22.7	-0.6	-0.5	-37.7	56.4	3.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXHC2013	4/22/2022 11:48	26.4	28.6	1.3	43.7	-1.1	-1.1	-34.6	66.0	4.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXHC2014	4/13/2022 14:27	56.2	37.9	0.0	5.9	-1.8	-2.1	-40.9	78.3	43.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXHC2014	4/27/2022 14:02	57.4	39.0	0.0	3.6	-1.9	-1.9	-30.9	78.6	38.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXHC2015	4/13/2022 14:25	55.8	37.2	0.0	7.0	-0.7	-0.7	-45.1	89.5	27.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXHC2015	4/27/2022 11:27	56.3	38.1	0.0	5.6	-0.4	-0.4	-37.5	86.0	27.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXHC2101	4/13/2022 16:03	51.9	37.6	0.3	10.2	-0.2	-0.2	-40.4	91.3	8.6	Valve Adjustment:No Change,Valve 10% open

OXHC2101	4/27/2022 13:45	55.5	38.4	0.1	6.0	-0.1	-0.1	-35.7	87.7	8.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXLCR4A1	4/13/2022 14:14	56.9	37.3	0.1	5.7	-33.7	-37.0	-45.3	70.2	15.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXLCR4A1	4/27/2022 11:25	57.7	38.7	0.0	3.6	-26.4	-27.6	-38.3	64.7	30.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXLCR4B1	4/13/2022 14:10	50.9	35.7	2.3	11.1	-1.4	-1.2	-43.5	75.8	7.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	4/27/2022 11:21	50.9	36.4	2.6	10.1	-2.1	-2.0	-36.9	76.3	12.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	4/10/2022 15:46	60.5	38.5	0.2	0.8	-11.5	-11.5	-22.2	85.4	73.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS07	4/27/2022 13:02	61.0	37.2	0.3	1.5	-15.4	-15.4	-39.0	84.8	46.0	Valve Adjustment:No Change,Valve 100% open
OXLCRS10	4/13/2022 16:05	54.4	39.2	0.6	5.8	-1.3	-1.3	-37.3	81.6	12.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXLCRS10	4/27/2022 13:49	57.8	39.8	0.0	2.4	-0.7	-0.8	-34.9	81.4	11.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXLCRS11	4/13/2022 16:15	56.7	40.0	0.0	3.3	-0.7	-0.8	-39.6	83.8	16.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXLCRS11	4/27/2022 13:47	55.6	39.0	0.1	5.3	-1.0	-1.1	-38.3	84.0	15.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXLCRS3A	4/10/2022 14:10	57.6	42.4	0.0	0.0	-19.3	-18.5	-23.6	93.4	111.3	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	4/22/2022 8:48	58.8	41.2	0.0	0.0	-25.5	-26.3	-31.8	92.7	130.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	4/10/2022 14:05	57.8	42.2	0.0	0.0	-17.4	-18.4	-23.2	93.5	142.4	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	4/22/2022 8:46	59.0	40.9	0.1	0.0	-28.6	-27.6	-34.1	92.6	126.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS7B	4/10/2022 15:49	60.6	38.9	0.1	0.4	-11.1	-11.2	-22.1	85.3	35.0	Valve Adjustment:No Change,Valve 100% open
OXLCRS7B	4/27/2022 13:04	61.0	37.4	0.2	1.4	-13.9	-14.0	-28.0	84.9	38.3	Valve Adjustment:No Change,Valve 100% open
OXLCRS9A	4/13/2022 14:31	42.5	38.7	3.6	15.2	-33.5	-32.9	-38.7	67.6	4.7	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 10% open
OXLCRS9A	4/27/2022 14:05	54.0	44.3	0.0	1.7	-30.3	-30.9	-31.9	65.0	1.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXLCRS9B	4/13/2022 14:32	5.9	18.4	15.3	60.4	-0.3	-0.2	-38.7	65.6	10.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS9B	4/13/2022 14:35	5.9	18.1	15.4	60.6	-0.2	-0.2	-38.7	65.6	15.5	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS9B	4/27/2022 14:07	54.4	44.6	0.0	1.0	0.0	-0.1	-33.2	60.3	16.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXME302D	4/13/2022 10:16	59.6	38.7	0.0	1.7	-9.8	-10.0	-39.8	117.8	15.8	Valve Adjustment:Opened valve 1/2 turn or less
OXME302D	4/21/2022 14:42	61.1	38.9	0.0	0.0	-9.0	-9.2	-35.5	117.5	19.1	Valve Adjustment:Opened valve 1/2 turn or less
OXME306D	4/10/2022 15:19	58.9	41.1	0.0	0.0	-23.5	-23.4	-24.1	125.1	15.0	Valve Adjustment:No Change,Valve 100% open
OXME306D	4/21/2022 15:14	59.3	40.3	0.0	0.4	-33.9	-34.0	-35.5	125.5	17.5	Valve Adjustment:No Change,Valve 100% open
OXME312D	4/13/2022 17:13	43.4	34.2	0.0	22.4	-1.9	-1.9	-37.9	110.5	11.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	4/21/2022 14:11	37.9	34.0	0.0	28.1	-1.7	-1.6	-34.2	106.6	7.8	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXME316D	4/11/2022 9:22	57.9	38.4	0.6	3.1	-23.6	-23.6	-25.2	125.4	23.3	Valve Adjustment:No Change,Valve 100% open
OXME316D	4/21/2022 13:20	58.1	39.1	0.6	2.2	-29.0	-29.0	-31.2	125.8	23.2	Valve Adjustment:No Change,Valve 100% open
OXME317D	4/11/2022 9:33	58.1	39.1	0.3	2.5	-26.8	-26.8	-27.1	63.4	8.6	Valve Adjustment:No Change,Valve 100% open
OXME317D	4/21/2022 13:29	58.4	40.0	0.2	1.4	-32.7	-32.7	-33.2	71.3	7.3	Valve Adjustment:No Change,Valve 100% open
OXMEW113	4/14/2022 9:15	52.4	41.2	0.4	6.0	-19.6	-18.9	-36.9	70.8	48.4	Valve Adjustment:No Change
OXMEW113	4/25/2022 10:14	47.6	40.6	0.6	11.2	-18.7	-16.8	-31.1	72.1	85.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	4/10/2022 14:46	60.9	39.1	0.0	0.0	-26.2	-26.1	-26.3	87.5	9.4	Valve Adjustment:No Change,Valve 100% open

OXMEW122	4/22/2022 10:37	60.0	39.8	0.2	0.0	-35.4	-35.2	-35.6	59.8	15.9	Valve Adjustment:No Change,Valve 100% open
OXMEW126	4/14/2022 8:44	59.7	40.3	0.0	0.0	-37.1	-37.0	-37.3	63.3	14.8	Valve Adjustment:No Change,Valve 100% open
OXMEW126	4/25/2022 10:29	58.4	41.6	0.0	0.0	-32.7	-32.8	-33.5	64.7	21.0	Valve Adjustment:No Change,Valve 100% open
OXMEW138	4/10/2022 14:18	58.1	41.4	0.0	0.5	-0.4	-0.4	-22.8	76.9	4.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW138	4/22/2022 8:51	56.6	40.6	0.0	2.8	-1.0	-1.1	-32.2	67.9	4.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW145	4/14/2022 9:13	58.3	41.7	0.0	0.0	-35.5	-35.7	-36.8	97.8	22.4	Valve Adjustment:No Change,Valve 100% open
OXMEW145	4/25/2022 9:38	57.1	40.9	0.0	2.0	-34.0	-34.0	-34.8	98.7	22.7	Valve Adjustment:No Change,Valve 100% open
OXMEW156	4/13/2022 13:02	56.8	39.7	0.2	3.3	-25.8	-25.9	-41.3	63.0	6.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW156	4/27/2022 8:36	55.0	40.3	0.2	4.5	-23.4	-23.6	-36.7	62.1	6.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW158	4/14/2022 8:33	56.1	43.3	0.0	0.6	-30.3	-31.8	-37.1	62.0	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW158	4/25/2022 10:40	52.7	44.0	0.0	3.3	-31.3	-31.3	-34.7	70.0	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW159	4/14/2022 8:38	54.4	43.7	0.0	1.9	-21.5	-21.6	-36.8	66.8	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW159	4/25/2022 10:35	51.9	42.9	0.0	5.2	-21.3	-21.3	-34.6	69.5	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW162	4/14/2022 12:51	54.8	27.6	4.0	13.6	-36.6	-36.6	-37.1	54.2	5.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW162	4/22/2022 10:57	57.0	29.3	3.5	10.2	-34.8	-34.7	-35.4	62.2	6.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW170	4/14/2022 14:29	48.8	30.4	0.2	20.6	-36.4	-36.4	-36.9	53.3	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW170	4/18/2022 12:30	49.3	29.6	0.3	20.8	-39.2	-39.1	-39.6	65.1	0.7	Valve Adjustment:No Change,Valve at minimum position
OXMEW173	4/14/2022 14:44	49.6	36.0	0.8	13.6	-2.6	-2.6	-38.6	96.5	23.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	4/27/2022 11:43	45.1	36.4	0.6	17.9	-2.0	-1.8	-35.1	96.9	9.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW174	4/13/2022 12:59	46.3	33.6	2.9	17.2	-0.1	-0.1	-41.4	64.9	0.3	Valve Adjustment:No Change,Valve at minimum position
OXMEW174	4/27/2022 8:34	50.6	38.2	1.7	9.5	-0.1	-0.1	-36.8	55.8	0.5	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	4/13/2022 13:08	54.6	39.2	0.0	6.2	-9.0	-9.1	-41.6	70.8	5.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	4/27/2022 8:46	45.2	39.0	0.2	15.6	-8.9	-7.6	-36.6	68.6	5.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW176	4/14/2022 15:56	54.8	36.0	0.1	9.1	-14.6	-14.8	-36.5	111.0	41.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW176	4/27/2022 14:25	51.7	38.5	0.1	9.7	-14.4	-14.5	-32.2	110.8	38.3	Valve Adjustment:No Change
OXMEW181	4/11/2022 11:18	58.0	41.0	0.0	1.0	-15.9	-16.1	-32.9	114.2	58.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	4/21/2022 16:41	54.1	40.2	0.0	5.7	-17.3	-18.0	-36.1	113.3	17.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW182	4/11/2022 9:47	57.2	38.4	0.0	4.4	-25.7	-25.7	-28.8	118.5	19.7	Valve Adjustment:No Change,Valve 100% open
OXMEW182	4/21/2022 10:29	53.9	40.6	0.0	5.5	-33.7	-33.7	-37.2	119.6	17.3	Valve Adjustment:No Change,Valve 100% open
OXMEW183	4/11/2022 10:37	56.4	38.8	0.0	4.8	-6.4	-6.4	-22.9	116.7	45.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW183	4/21/2022 16:32	50.6	39.7	0.0	9.7	-7.1	-6.8	-21.8	116.7	42.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	4/14/2022 18:19	56.9	40.6	0.0	2.5	-0.1	-0.1	-36.2	125.8	4.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW184	4/21/2022 16:13	47.1	36.8	0.1	16.0	-0.9	-0.6	-38.1	122.4	31.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	4/13/2022 11:33	52.2	39.5	0.4	7.9	-0.1	-0.1	-39.0	105.7	20.8	Valve Adjustment:No Change
OXMEW185	4/21/2022 16:02	57.2	40.7	0.1	2.0	-0.1	-0.1	-38.3	99.3	22.9	Valve Adjustment:Opened valve 1/2 turn or less

OXMEW186	4/13/2022 17:04	52.1	40.2	0.9	6.8	-0.5	-0.5	-37.8	68.2	3.2	Valve Adjustment:No Change,Valve 5% open
OXMEW186	4/21/2022 13:59	51.5	38.9	0.7	8.9	-0.7	-0.7	-34.6	71.2	3.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW187	4/14/2022 13:28	49.3	38.6	0.0	12.1	-0.5	-0.4	-36.4	102.7	31.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW187	4/21/2022 16:21	51.2	40.1	0.0	8.7	-0.3	-0.3	-37.5	101.5	34.9	Valve Adjustment:No Change
OXMEW188	4/13/2022 11:24	49.7	39.5	0.0	10.8	-1.3	-1.2	-38.6	108.3	14.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	4/14/2022 9:43	50.7	39.3	0.0	10.0	-1.1	-1.1	-36.8	106.5	10.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	4/21/2022 15:48	50.8	38.6	0.0	10.6	-0.9	-0.9	-38.0	106.8	40.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	4/13/2022 11:21	52.5	39.4	0.1	8.0	-6.4	-6.6	-38.6	123.4	126.0	Valve Adjustment:No Change
OXMEW189	4/21/2022 15:44	53.6	39.2	0.1	7.1	-4.0	-4.0	-35.8	123.1	69.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW190	4/13/2022 17:16	54.4	37.9	0.2	7.5	-10.2	-10.2	-38.4	125.4	23.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXMEW190	4/21/2022 14:15	52.1	38.3	0.2	9.4	-9.8	-9.8	-35.1	124.9	20.4	Valve Adjustment:No Change,Valve 35% open
OXMEW191	4/14/2022 14:45	52.3	39.1	0.0	8.6	-4.0	-3.9	-38.8	124.6	22.0	Valve Adjustment:No Change
OXMEW191	4/27/2022 11:53	51.3	39.4	0.0	9.3	-3.1	-2.9	-35.2	125.0	20.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	4/11/2022 13:18	50.6	32.8	0.7	15.9	-2.5	-2.2	-34.9	52.2	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	4/27/2022 12:06	45.8	34.4	0.9	18.9	-2.9	-2.9	-36.0	59.0	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW194	4/11/2022 10:58	57.3	40.4	0.0	2.3	-31.6	-31.6	-32.9	82.3	22.0	Valve Adjustment:No Change,Valve 100% open
OXMEW194	4/25/2022 9:32	56.2	41.2	0.2	2.4	-33.7	-33.9	-35.1	84.8	15.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	4/11/2022 9:49	52.7	37.5	0.0	9.8	-6.1	-6.1	-27.9	87.5	3.9	Valve Adjustment:No Change
OXMEW196	4/21/2022 10:34	48.9	39.3	0.0	11.8	-9.8	-9.8	-37.0	98.7	8.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	4/11/2022 9:54	53.6	38.4	0.0	8.0	-5.6	-5.6	-29.0	121.0	30.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW199	4/21/2022 13:54	53.2	38.4	0.0	8.4	-7.8	-7.8	-34.5	122.1	33.2	Valve Adjustment:No Change
OXMEW200	4/14/2022 13:17	56.6	39.8	0.0	3.6	-0.1	-0.1	-37.1	110.2	7.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	4/21/2022 16:14	55.3	40.4	0.0	4.3	-0.2	-0.2	-39.0	112.0	25.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW201	4/13/2022 11:31	49.4	39.3	0.0	11.3	-0.4	-0.3	-38.8	102.9	9.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	4/21/2022 15:56	51.1	38.1	0.0	10.8	-0.3	-0.3	-37.8	101.8	11.5	Valve Adjustment:No Change
OXMEW203	4/10/2022 13:44	54.3	33.6	1.5	10.6	-8.4	-8.4	-25.5	78.0	10.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW203	4/22/2022 9:22	55.4	32.6	1.6	10.4	-5.2	-5.4	-35.1	72.8	6.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW204	4/10/2022 13:36	59.4	40.6	0.0	0.0	-0.4	-0.4	-22.4	81.3	3.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW204	4/22/2022 9:26	59.7	40.3	0.0	0.0	-1.1	-1.7	-31.0	75.5	4.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW205	4/14/2022 13:31	49.4	40.3	0.0	10.3	-0.1	-0.1	-36.7	123.1	0.0	Valve Adjustment:No Change,Valve at minimum position
OXMEW205	4/21/2022 16:27	50.5	40.3	0.0	9.2	-0.1	-0.1	-35.6	124.7	0.0	Valve Adjustment:No Change,Valve 5% open
OXMEW209	4/13/2022 10:54	42.5	33.0	4.9	19.6	-1.4	-1.0	-39.3	124.3	18.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXMEW209	4/21/2022 15:25	37.6	28.7	2.8	30.9	-6.5	-5.8	-35.7	118.2	22.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXMEW210	4/10/2022 15:17	61.5	38.5	0.0	0.0	-22.3	-22.3	-24.1	124.0	24.1	Valve Adjustment:No Change,Valve 100% open
OXMEW210	4/21/2022 15:10	58.6	35.2	0.1	6.1	-32.0	-32.0	-35.4	123.2	29.0	Valve Adjustment:No Change,Valve 100% open

OXMEW300	4/10/2022 15:42	58.6	37.5	0.9	3.0	-23.3	-23.4	-23.9	103.6	13.2	Valve Adjustment:No Change,Valve 100% open
OXMEW300	4/21/2022 14:49	58.1	37.1	0.8	4.0	-33.6	-33.4	-36.4	103.4	16.9	Valve Adjustment:No Change,Valve 100% open
OXMEW302	4/13/2022 10:20	59.7	39.2	0.0	1.1	-4.6	-4.7	-39.8	106.2	23.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW302	4/21/2022 14:46	51.1	37.1	0.0	11.8	-4.4	-4.4	-35.4	107.0	12.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW303	4/10/2022 15:14	67.1	30.4	0.8	1.7	-25.3	-24.9	-25.5	67.7	13.8	Valve Adjustment:No Change,Valve 100% open
OXMEW303	4/21/2022 15:00	66.5	28.2	1.2	4.1	-36.1	-36.2	-36.9	62.9	0.0	Valve Adjustment:No Change
OXMEW306	4/10/2022 15:24	58.9	41.1	0.0	0.0	-0.3	-0.3	-23.8	106.8	9.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW306	4/21/2022 15:23	55.0	39.1	0.0	5.9	-1.0	-1.1	-35.6	108.9	9.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW307	4/14/2022 9:09	59.9	40.1	0.0	0.0	-36.6	-36.7	-36.9	62.8	2.2	Valve Adjustment:No Change,Valve 100% open
OXMEW307	4/25/2022 9:37	59.2	40.5	0.3	0.0	-35.5	-35.4	-35.2	83.3	2.5	Valve Adjustment:No Change,Valve 100% open
OXMEW309	4/13/2022 10:42	51.1	38.6	0.2	10.1	-24.7	-24.7	-39.2	127.2	51.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	4/21/2022 14:30	46.3	35.6	0.3	17.8	-22.8	-22.3	-35.4	126.7	44.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	4/13/2022 16:53	44.0	36.3	0.0	19.7	-18.8	-17.2	-36.0	116.3	279.9	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXMEW310	4/21/2022 10:36	45.4	38.8	0.0	15.8	-14.6	-14.4	-37.5	115.2	252.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	4/10/2022 13:11	59.1	39.1	0.0	1.8	-12.1	-12.1	-22.4	119.3	21.2	Valve Adjustment:No Change
OXMEW311	4/22/2022 9:49	53.9	39.4	0.0	6.7	-18.9	-18.9	-35.4	118.9	24.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	4/13/2022 17:08	54.6	37.6	0.0	7.8	-3.3	-3.3	-37.6	97.2	10.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	4/21/2022 14:07	52.5	38.0	0.0	9.5	-3.2	-3.2	-34.4	100.9	13.4	Valve Adjustment:No Change
OXMEW315	4/13/2022 17:30	59.6	38.7	0.1	1.6	-36.7	-36.6	-37.9	120.5	22.0	Valve Adjustment:No Change,Valve 100% open
OXMEW315	4/21/2022 11:46	58.9	41.1	0.0	0.0	-33.1	-33.1	-33.9	120.4	17.9	Valve Adjustment:No Change,Valve 100% open
OXMEW316	4/11/2022 9:27	59.9	38.7	0.0	1.4	-25.3	-25.3	-25.4	104.9	20.1	Valve Adjustment:No Change,Valve 100% open
OXMEW316	4/21/2022 13:26	60.7	39.3	0.0	0.0	-30.8	-31.0	-32.4	108.5	8.9	Valve Adjustment:No Change,Valve 100% open
OXMEW317	4/11/2022 9:29	60.7	38.8	0.0	0.5	-26.9	-26.9	-27.1	104.6	16.4	Valve Adjustment:No Change,Valve 100% open
OXMEW317	4/21/2022 13:30	60.0	40.0	0.0	0.0	-32.2	-32.2	-32.8	105.0	15.5	Valve Adjustment:No Change,Valve 100% open
OXMEW318	4/11/2022 9:44	57.6	38.0	0.0	4.4	-1.6	-1.6	-27.8	109.3	11.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	4/21/2022 13:50	50.4	37.2	0.0	12.4	-2.3	-2.3	-33.4	110.1	9.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	4/14/2022 10:13	54.7	40.7	0.0	4.6	-12.4	-12.4	-35.0	105.9	15.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW319	4/21/2022 10:25	52.7	40.4	0.0	6.9	-13.0	-13.0	-36.4	107.6	15.7	Valve Adjustment:No Change
OXMEW320	4/13/2022 16:41	59.6	39.4	0.0	1.0	-37.3	-37.3	-37.2	123.6	14.7	Valve Adjustment:No Change,Valve 100% open
OXMEW320	4/21/2022 11:00	58.3	41.7	0.0	0.0	-33.8	-33.9	-34.1	123.0	13.4	Valve Adjustment:No Change,Valve 100% open
OXMEW322	4/11/2022 9:17	59.4	38.7	0.0	1.9	-28.0	-28.0	-28.6	117.4	18.0	Valve Adjustment:No Change,Valve 100% open
OXMEW322	4/21/2022 13:18	57.8	38.5	0.0	3.7	-33.4	-33.4	-34.7	117.7	18.2	Valve Adjustment:No Change,Valve 100% open
OXMEW323	4/14/2022 11:08	58.6	41.4	0.0	0.0	-34.3	-34.3	-34.2	112.7	14.4	Valve Adjustment:No Change,Valve 100% open
OXMEW323	4/21/2022 9:09	59.0	41.0	0.0	0.0	-35.6	-35.6	-35.8	113.6	17.8	Valve Adjustment:No Change,Valve 100% open
OXMEW328	4/8/2022 13:45	59.5	40.0	0.0	0.5	-12.3	-12.2	-16.1	117.3	7.2	Valve Adjustment:No Change,Valve 100% open

OXMEW328	4/18/2022 9:58	58.6	41.4	0.0	0.0	-25.2	-25.1	-31.9	119.4	0.0	Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	4/14/2022 8:47	57.2	42.7	0.1	0.0	-37.1	-37.1	-37.5	50.4		Valve Adjustment:No Change,Valve 100% open
OXMEWHC1	4/25/2022 10:25	54.9	42.9	0.3	1.9	-31.2	-31.4	-31.4	59.5		Valve Adjustment:No Change,Valve 100% open
OXMEWW05	4/13/2022 15:11	56.3	41.8	0.1	1.8	-42.3	-42.3	-42.3	109.8	3.8	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	4/25/2022 12:38	56.4	42.9	0.0	0.7	-36.8	-36.5	-36.7	109.7	7.8	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	4/13/2022 15:17	55.7	42.2	0.1	2.0	-42.3	-42.3	-42.1	87.9	17.3	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	4/25/2022 12:43	55.7	43.5	0.0	0.8	-36.9	-37.0	-37.0	93.1	2.1	Valve Adjustment:No Change,Valve 100% open
OXMEWW08	4/11/2022 13:11	54.4	39.3	0.0	6.3	-2.2	-2.2	-34.2	66.2	9.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEWW08	4/27/2022 12:13	31.8	25.3	8.1	34.8	-2.6	-2.5	-34.5	84.1	8.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 15% open
OXMEWW08	4/27/2022 12:18	30.6	25.2	8.2	36.0	-2.4	-2.3	-34.3	83.5	6.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 15% open
OXMEWW17	4/14/2022 15:24	55.8	39.5	0.0	4.7	-0.4	-0.9	-29.3	51.9	8.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW17	4/22/2022 12:03	53.2	39.6	1.4	5.8	-28.3	-28.1	-28.2	63.4	19.4	Valve Adjustment:No Change
OXMEWW18	4/14/2022 15:12	58.7	39.5	0.1	1.7	-35.9	-35.8	-37.0	56.3	11.6	Valve Adjustment:No Change,Valve 100% open
OXMEWW18	4/22/2022 11:43	59.1	40.7	0.1	0.1	-33.3	-33.4	-35.1	57.4	12.1	Valve Adjustment:No Change,Valve 100% open
OXMEWW1G	4/13/2022 15:41	51.5	38.3	0.1	10.1	-16.7	-16.7	-39.6	72.4	6.1	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1G	4/25/2022 13:08	53.0	38.3	0.0	8.7	-14.5	-14.5	-35.0	72.9	6.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEWW1I	4/13/2022 15:32	20.0	13.1	14.6	52.3	-6.3	-5.7	-39.9	58.1	0.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1I	4/13/2022 15:34	18.4	12.5	15.8	53.3	-0.9	-0.9	-39.9	59.9	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1I	4/25/2022 12:57	59.9	38.8	0.8	0.5	-0.2	-0.3	-35.3	68.4	0.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEWW1J	4/13/2022 15:28	50.7	37.7	0.2	11.4	-9.5	-9.4	-40.6	76.5	6.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEWW1J	4/25/2022 12:51	50.9	38.9	0.4	9.8	-8.1	-8.1	-35.7	78.0	6.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEWW1K	4/13/2022 15:24	57.3	40.9	0.4	1.4	-42.6	-42.6	-42.6	68.8	13.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1K	4/25/2022 12:50	57.6	42.0	0.3	0.1	-37.1	-37.0	-37.2	69.2	6.1	Valve Adjustment:No Change,Valve 100% open
OXMEWW1S	4/14/2022 15:17	59.2	38.8	0.0	2.0	-28.3	-28.4	-29.3	64.7	26.1	Valve Adjustment:No Change,Valve 100% open
OXMEWW1S	4/22/2022 12:10	58.7	40.7	0.0	0.6	-27.6	-27.7	-28.7	65.2	23.7	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	4/8/2022 12:31	56.6	43.3	0.1	0.0	-32.0	-31.6	-32.8	78.5	23.3	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	4/21/2022 8:44	56.6	43.4	0.0	0.0	-40.7	-40.7	-41.7	59.5	21.2	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	4/13/2022 8:16	53.4	41.1	1.5	4.0	-42.1	-42.1	-43.2	47.2	8.6	Valve Adjustment:No Change
OXMHCF04	4/21/2022 8:49	52.0	42.5	1.8	3.7	-41.1	-41.1	-42.2	54.0	7.2	Valve Adjustment:No Change
OXMPEW30	4/13/2022 13:35	57.1	40.2	0.3	2.4	-41.3	-41.6	-41.2	58.3	3.8	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	4/25/2022 12:14	57.4	40.8	0.2	1.6	-36.8	-36.8	-36.5	68.2	2.2	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	4/13/2022 14:55	57.6	40.9	0.1	1.4	-41.7	-41.7	-41.5	62.2	5.5	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	4/25/2022 12:23	57.4	40.9	0.0	1.7	-36.3	-36.3	-36.2	65.6	5.7	Valve Adjustment:No Change,Valve 100% open
OXMPEW32	4/11/2022 13:32	58.7	38.7	0.0	2.6	-34.2	-34.0	-34.2	58.7	5.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXMPEW32	4/27/2022 8:54	49.9	39.3	0.0	10.8	-34.5	-34.4	-34.7	65.9	2.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open

OXMPEW33	4/11/2022 13:22	58.8	38.1	0.0	3.1	-7.1	-7.1	-35.4	80.8	10.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMPEW33	4/27/2022 9:04	53.6	39.0	0.0	7.4	-3.7	-3.8	-15.7	80.0	8.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMPEW35	4/13/2022 13:25	53.2	39.6	0.1	7.1	-29.5	-29.6	-39.5	127.0	20.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW35	4/25/2022 12:03	53.7	41.0	0.0	5.3	-25.9	-25.9	-33.4	126.5	19.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW44	4/14/2022 15:21	58.2	39.8	0.0	2.0	-28.8	-28.8	-29.0	61.2	3.7	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	4/22/2022 12:07	57.7	40.7	0.1	1.5	-28.6	-28.6	-28.6	66.6	3.0	Valve Adjustment:No Change,Valve 100% open

Bold Italics = HOV/LTCO approval from BAAQMD

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

**Well OXEWHC6A is an NSPS exempt well.

NSPS/EG CAI = New Source Performance Standards Corrective Action Initiated

CH_4 = Methane

CO_2 = Carbon Dioxide

O_2 = 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, ~~OXLCRS01~~, OXLCRS4A, OXLCRS4B, ~~OXLCRS05~~, ~~OXLCRS06~~, OXLCRS07, ~~OXMEWHC6~~, ~~OXMTBTC1~~, OXMEWW17, and ~~OXMHCF06~~.

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, ~~OXLCRS01,~~ OXLCRS4A, OXLCRS4B, ~~OXLCRS05, OXLCRS06~~, and OXLCRS07.

*Wells that have been decommissioned are noted with a strikethrough.

OX MOUNTAIN LANDFILL
Wellfield Monitoring Report - May 3, 6, 7, 9, 11, 12, 16, 17, 18, 19, 20, 23, 24, 25, 26, and 27, 2022

Device ID	Date and Time	CH_4	CO_2	O_2	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMLEW101	5/11/2022 10:16	56.6	43.4	0.0	0.0	-0.75	-0.76	-33.07	67.4	6.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMLEW101	5/18/2022 12:06	54.3	45.7	0.0	0.0	-0.87	-0.88	-34.71	71.0	6.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMLEW104	5/12/2022 11:38	52.6	45.9	0.0	1.5	-15.31	-15.24	-38.03	78.8	26.7	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW104	5/26/2022 8:24	52.3	39.8	0.0	7.9	-15.47	-15.65	-37.84	79.8	25.5	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	5/12/2022 11:33	54.1	45.8	0.1	0.0	-37.95	-37.69	-38.33	69.5	10.3	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW107	5/26/2022 8:18	58.6	41.4	0.0	0.0	-37.38	-37.56	-37.69	69.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW59	5/11/2022 7:54	44.4	36.5	0.0	19.1	-1.32	-1.26	-31.54	106.0	10.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMLFEW59	5/17/2022 13:06	47.5	35.7	0.0	16.8	-0.77	-0.78	-26.27	106.6	4.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMLFEW72	5/12/2022 12:25	46.9	42.3	0.0	10.8	-8.77	-8.58	-38.24	63.6	N/A	Valve Adjustment:Closed valve 1/2 turn or less
OMLFEW72	5/20/2022 8:33	44.4	39.8	0.0	15.8	-1.65	-0.67	-35.24	58.4	N/A	Valve Adjustment:Closed valve 1/2 turn or less
OMLFEW99	5/11/2022 9:19	49.1	38.5	0.0	12.4	-0.63	-0.59	-43.14	68.5	10.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMLFEW99	5/18/2022 11:23	52.6	43.7	0.0	3.7	-0.52	-0.52	-42.09	72.1	10.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS01	5/7/2022 13:19	55.7	43.3	0.0	1.0	-0.05	-0.05	-32.64	70.4	3.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS01	5/20/2022 8:51	53.2	45.2	0.6	1.0	-0.10	-0.10	-34.55	71.6	3.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS02	5/7/2022 13:22	57.2	42.8	0.0	0.0	-0.04	-0.07	-32.65	70.5	2.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS02	5/20/2022 8:55	52.0	41.9	0.7	5.4	-0.12	-0.11	-34.99	69.8	4.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	5/7/2022 13:27	41.5	31.7	4.6	22.2	-0.05	-0.05	-32.46	67.0	4.0	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	5/20/2022 9:08	28.5	23.1	9.8	38.6	-0.06	-0.05	-34.82	73.5	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	5/7/2022 13:36	41.3	34.5	0.0	24.2	-0.05	-0.05	-32.57	69.0	8.7	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	5/20/2022 9:19	52.0	40.8	0.7	6.5	-0.03	-0.02	-34.15	73.4	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	5/7/2022 13:38	37.7	34.5	0.6	27.2	-0.04	-0.05	-32.09	68.9	4.5	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	5/23/2022 10:40	39.7	35.6	1.7	23.0	-0.06	-0.05	-39.49	75.7	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS06	5/7/2022 13:41	43.2	36.1	0.2	20.5	-0.04	-0.04	-32.90	65.3	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	5/23/2022 10:34	28.0	28.8	4.4	38.8	-0.07	-0.07	-39.38	73.8	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS07	5/7/2022 13:55	58.8	41.1	0.1	0.0	-0.05	-0.05	-32.49	66.1	4.9	Valve Adjustment:No Change,Valve at minimum position
OMTLTS07	5/23/2022 10:27	57.0	43.0	0.0	0.0	-0.13	-0.08	-39.63	75.2	0.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS08	5/7/2022 13:58	59.4	40.4	0.2	0.0	-0.03	-0.03	-33.07	65.6	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	5/23/2022 10:19	53.2	38.3	1.7	6.8	-0.05	-0.04	-38.92	77.1	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	5/7/2022 14:01	53.8	37.8	0.9	7.5	-0.05	-0.05	-33.07	65.1	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	5/23/2022 10:14	50.4	37.5	1.3	10.8	-0.08	-0.07	-39.37	74.7	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	5/7/2022 14:05	40.8	34.4	0.1	24.7	-0.08	-0.07	-27.83	73.4	2.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	5/23/2022 10:10	41.6	32.1	3.3	23.0	-0.08	-0.09	-35.45	73.2	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OMTLTS11	5/7/2022 14:17	5.2	17.9	4.0	72.9	-0.07	-0.06	-31.00	67.6	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	5/23/2022 9:57	43.4	35.8	1.5	19.3	-0.12	-0.11	-37.96	75.6	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	5/7/2022 14:22	0.0	0.8	20.9	78.3	-0.06	-0.14	-31.00	71.8	0.2	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 5% open
OMTLTS12	5/7/2022 14:25	0.1	2.8	18.6	78.5	-0.16	-0.09	-30.85	79.0	7.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	5/16/2022 12:56	22.4	18.4	8.0	51.2	-0.12	-0.10	-39.57	60.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	5/7/2022 14:31	28.6	31.1	5.1	35.2	-0.15	-0.11	-32.90	69.7	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	5/23/2022 9:50	12.2	13.6	13.6	60.6	-0.18	-0.16	-39.20	75.9	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	5/7/2022 14:41	22.3	28.1	4.1	45.5	-0.16	-0.14	-33.40	70.8	2.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	5/23/2022 9:32	17.5	25.1	5.2	52.2	-0.35	-0.36	-36.98	72.1	2.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	5/7/2022 14:46	17.7	19.1	8.8	54.4	-0.13	-0.12	-33.26	68.9	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	5/23/2022 9:28	17.8	23.5	4.4	54.3	-0.25	-0.27	-38.89	73.6	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS18	5/7/2022 14:51	53.3	41.2	0.1	5.4	-0.99	-1.07	-33.47	66.1	15.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OMTLTS18	5/23/2022 9:23	46.0	38.9	0.2	14.9	-1.36	-1.35	-39.67	67.3	39.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OMTLTS19	5/7/2022 14:56	12.4	10.7	16.3	60.6	-0.02	-0.07	-32.87	71.8	5.6	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 5% open
OMTLTS19	5/7/2022 14:57	19.4	14.4	12.7	53.5	-0.11	-0.10	-33.25	78.3	10.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS19	5/23/2022 9:18	49.5	38.8	2.5	9.2	-0.49	-0.58	-39.43	77.5	8.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	5/7/2022 15:03	58.6	39.7	0.1	1.6	-0.12	-0.27	-33.71	69.9	14.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMTLTS20	5/23/2022 9:09	28.2	27.5	4.5	39.8	-0.22	-0.21	-41.00	65.1	15.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	5/23/2022 9:13	26.3	26.4	4.6	42.7	-0.20	-0.20	-41.84	74.8	15.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW133B	5/7/2022 13:09	13.9	25.3	2.2	58.6	-3.86	-3.81	-24.80	77.2	87.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW133B	5/26/2022 9:08	17.2	25.5	3.7	53.6	-5.92	-7.19	-32.69	74.8	10.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	5/7/2022 13:05	50.1	39.8	0.0	10.1	-9.94	-7.89	-31.63	80.4	24.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	5/26/2022 9:02	50.9	40.2	0.0	8.9	-9.18	-9.29	-36.72	75.3	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	5/7/2022 13:00	45.1	35.8	0.4	18.7	-21.07	-18.34	-28.13	76.4	89.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	5/26/2022 8:58	50.6	40.5	0.1	8.8	-29.34	-29.59	-36.62	68.2	86.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW137B	5/7/2022 13:48	56.5	43.5	0.0	0.0	-31.14	-30.65	-31.10	79.0	45.2	Valve Adjustment:No Change,Valve 100% open
OXEW137B	5/26/2022 9:42	56.5	43.4	0.1	0.0	-35.29	-35.85	-35.52	76.4	15.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	5/12/2022 11:35	54.4	35.7	0.8	9.1	-5.05	-5.05	-37.05	120.6	37.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	5/27/2022 13:04	50.3	36.6	1.0	12.1	-4.67	-4.57	-38.47	124.9	37.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1602	5/3/2022 10:35	57.3	41.4	0.0	1.3	-29.57	-29.29	-30.62	127.6	42.1	Valve Adjustment:No Change,Valve 100% open
OXEW1602	5/23/2022 14:06	55.7	43.9	0.0	0.4	-35.96	-35.83	-37.00	128.3	46.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	5/12/2022 9:56	54.8	42.1	0.7	2.4	-31.56	-31.60	-32.80	126.2	83.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	5/19/2022 11:20	57.5	38.7	0.3	3.5	-31.18	-30.84	-33.34	126.4	80.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	5/3/2022 11:16	54.5	42.0	0.0	3.5	-2.05	-2.06	-26.19	124.7	37.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	5/27/2022 13:06	56.4	40.7	0.0	2.9	-1.61	-1.61	-33.32	125.2	0.0	Valve Adjustment:Opened valve 1/2 turn or less

OXEW1611	5/9/2022 12:24	46.7	32.3	4.2	16.8	-31.02	-31.01	-31.49	59.7	2.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1611	5/20/2022 14:05	40.7	29.6	8.3	21.4	-29.45	-29.45	-31.17	75.6	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1611	5/23/2022 8:31	45.9	34.8	4.2	15.1	-32.33	-32.33	-35.93	67.4	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1612	5/3/2022 10:08	56.3	41.5	0.1	2.1	-23.24	-23.47	-31.04	126.4	29.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1612	5/23/2022 14:01	55.1	42.7	0.0	2.2	-28.00	-27.99	-37.09	127.1	30.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	5/3/2022 11:27	56.8	42.7	0.1	0.4	-7.93	-7.97	-28.91	127.2	43.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	5/23/2022 14:43	51.5	40.9	0.1	7.5	-11.63	-11.48	-33.64	127.8	51.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	5/3/2022 11:53	57.4	42.6	0.0	0.0	1.07	-0.06	-31.32	117.4	0.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXEW1614	5/3/2022 11:59	57.8	42.2	0.0	0.0	-4.77	-4.81	-32.17	120.8	135.4	Valve Adjustment:No Change
OXEW1614	5/23/2022 14:26	34.0	36.4	0.2	29.4	-9.62	-9.08	-38.80	120.6	173.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	5/6/2022 13:41	52.4	42.6	0.0	5.0	-17.27	-17.25	-31.82	115.5	23.6	Valve Adjustment:No Change
OXEW1616	5/23/2022 12:40	48.9	40.0	0.0	11.1	-19.28	-19.14	-36.07	116.6	28.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1617	5/11/2022 12:03	53.2	40.3	0.0	6.5	-4.08	-4.09	-38.19	130.3	18.5	Valve Adjustment:No Change,Valve 25% open
OXEW1617	5/25/2022 13:30	53.2	37.7	0.0	9.1	-3.98	-2.62	-38.04	131.4	20.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 10% open
OXEW1617	5/25/2022 13:31	53.7	35.9	0.0	10.4	-2.49	-2.49	-38.84	130.3	7.9	Valve Adjustment:No Change
OXEW1618	5/3/2022 11:36	52.9	42.0	0.1	5.0	-0.74	-0.74	-30.21	128.2	39.1	Valve Adjustment:No Change,Valve 15% open
OXEW1618	5/23/2022 14:21	52.7	43.9	0.0	3.4	-0.81	-0.78	-35.38	129.0	41.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1619	5/7/2022 12:36	57.9	42.1	0.0	0.0	-31.99	-31.99	-32.88	123.6	15.6	Valve Adjustment:No Change,Valve 100% open
OXEW1619	5/25/2022 11:06	53.9	46.1	0.0	0.0	-37.62	-37.61	-38.27	124.7	12.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1620	5/7/2022 12:32	57.7	41.4	0.0	0.9	-3.84	-3.94	-33.40	119.7	8.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1620	5/25/2022 10:59	54.0	46.0	0.0	0.0	-7.12	-7.14	-38.95	120.5	11.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1621	5/9/2022 9:47	44.9	39.7	0.0	15.4	-0.87	-0.79	-35.21	116.8	12.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	5/25/2022 8:55	43.1	41.6	0.0	15.3	-1.09	-1.08	-39.09	116.1	11.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	5/7/2022 12:40	52.4	40.6	2.2	4.8	-9.11	-9.10	-33.06	121.9	17.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	5/23/2022 10:57	54.2	44.9	0.9	0.0	-11.20	-11.14	-38.25	123.5	17.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1701	5/9/2022 11:18	59.0	40.8	0.2	0.0	-31.47	-31.83	-32.02	119.6	19.9	Valve Adjustment:No Change,Valve 100% open
OXEW1701	5/23/2022 12:50	58.3	41.7	0.0	0.0	-35.52	-35.50	-36.57	120.9	18.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1702	5/6/2022 12:59	59.0	38.5	0.0	2.5	-28.54	-28.37	-30.73	124.1	36.7	Valve Adjustment:No Change,Valve 100% open
OXEW1702	5/23/2022 11:48	58.6	41.4	0.0	0.0	-32.92	-32.87	-36.37	124.2	38.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1703	5/6/2022 13:07	57.5	40.1	0.0	2.4	-28.73	-28.89	-29.13	127.4	17.9	Valve Adjustment:No Change,Valve 100% open
OXEW1703	5/23/2022 11:59	56.9	43.1	0.0	0.0	-31.90	-32.83	-33.28	127.2	21.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1705	5/6/2022 12:35	55.4	44.6	0.0	0.0	-0.11	-0.40	-31.42	94.3	4.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1705	5/19/2022 12:12	58.1	41.4	0.0	0.5	2.72	-0.02	-12.24	95.9	7.2	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 15% open
OXEW1705	5/19/2022 12:14	58.3	41.7	0.0	0.0	-0.12	-0.07	-11.22	99.7	9.9	Valve Adjustment:No Change,Valve 15% open
OXEW1715	5/12/2022 8:53	52.2	42.7	0.3	4.8	-21.35	-20.17	-39.34	62.2	0.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open

OXEW1715	5/27/2022 11:46	54.7	37.5	0.1	7.7	-22.63	-21.26	-41.57	71.2	0.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1716	5/11/2022 8:38	58.8	40.1	0.1	1.0	-38.74	-39.07	-39.22	91.7	4.9	Valve Adjustment:No Change,Valve 100% open
OXEW1716	5/17/2022 12:32	56.4	40.1	0.0	3.5	-37.32	-37.52	-37.63	91.5	3.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1717	5/11/2022 8:48	51.5	40.5	0.3	7.7	-33.68	-33.68	-42.21	99.8	2.9	Valve Adjustment:No Change,Valve 45% open
OXEW1717	5/17/2022 12:45	52.8	37.5	0.3	9.4	-30.76	-30.55	-40.02	105.2	3.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1801	5/6/2022 13:46	51.2	33.6	1.7	13.5	-6.87	-6.29	-32.91	120.1	8.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1801	5/23/2022 14:31	52.0	42.0	1.5	4.5	-4.19	-4.19	-37.32	111.3	5.5	Valve Adjustment:No Change,Valve 15% open
OXEW1804	5/3/2022 10:51	56.6	42.8	0.0	0.6	-29.57	-29.57	-30.91	127.0	20.4	Valve Adjustment:No Change,Valve 100% open
OXEW1804	5/23/2022 14:15	53.3	44.0	0.0	2.7	-36.30	-36.25	-37.66	127.1	16.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1805	5/3/2022 10:44	53.5	40.1	0.1	6.3	-22.18	-22.48	-30.94	120.2	18.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW1805	5/23/2022 14:12	51.1	42.2	0.0	6.7	-26.36	-26.35	-37.54	120.8	20.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW1806	5/9/2022 10:34	51.1	41.7	0.0	7.2	-0.22	-0.22	-35.52	121.5	10.4	Valve Adjustment:No Change,Valve 10% open
OXEW1806	5/25/2022 8:22	47.8	42.3	0.0	9.9	-0.36	-0.35	-40.72	123.0	11.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1807	5/6/2022 13:24	53.1	35.6	0.3	11.0	-16.04	-16.02	-35.43	130.2	50.3	Valve Adjustment:No Change,Valve 45% open
OXEW1807	5/23/2022 12:23	52.0	40.2	0.7	7.1	-17.17	-10.01	-39.70	132.0	52.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 30% open
OXEW1807	5/23/2022 12:24	54.9	39.7	0.7	4.7	-9.13	-9.12	-37.68	130.4	27.7	Valve Adjustment:No Change,Valve 30% open
OXEW1808	5/6/2022 12:50	56.3	42.5	1.2	0.0	-31.41	-31.09	-30.79	73.1	2.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 60% open
OXEW1808	5/19/2022 12:32	45.0	30.5	4.6	19.9	-10.18	-10.32	-10.32	72.7	3.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXEW1809	5/12/2022 9:23	53.2	40.3	0.0	6.5	-29.90	-29.68	-34.30	113.3	49.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1809	5/19/2022 9:48	53.9	44.6	0.0	1.5	-29.49	-29.27	-33.89	112.5	49.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1810	5/11/2022 8:02	50.7	35.0	0.4	13.9	-26.64	-26.38	-40.27	64.1	3.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1810	5/18/2022 8:34	50.7	37.5	0.5	11.3	-25.97	-25.66	-40.16	69.1	3.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1811	5/11/2022 11:37	50.5	35.2	2.8	11.5	-8.13	-8.08	-37.43	81.3	8.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1811	5/24/2022 13:44	52.5	35.1	2.0	10.4	-4.51	-4.50	-34.90	116.8	6.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1812	5/11/2022 12:41	49.7	40.0	0.2	10.1	-22.16	-21.49	-39.64	124.7	35.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1812	5/24/2022 14:22	50.1	37.5	0.2	12.2	-18.58	-18.54	-34.85	125.6	31.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1813	5/6/2022 13:28	58.1	38.6	0.1	3.2	-34.21	-34.13	-34.29	115.6	6.5	Valve Adjustment:No Change,Valve 100% open
OXEW1813	5/23/2022 12:34	58.1	41.9	0.0	0.0	-38.08	-38.18	-38.58	116.1	8.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1815	5/9/2022 10:49	50.3	42.8	0.0	6.9	-9.33	-8.74	-35.99	125.9	27.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1815	5/23/2022 13:20	51.0	39.5	0.0	9.5	-8.82	-8.84	-40.98	126.1	28.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1816	5/6/2022 12:58	57.3	42.7	0.0	0.0	-17.19	-17.22	-31.87	117.1	96.1	Valve Adjustment:No Change,Valve 100% open
OXEW1816	5/23/2022 11:43	54.9	43.3	0.1	1.7	-19.03	-19.26	-36.11	117.2	100.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1817	5/12/2022 11:59	59.7	39.4	0.1	0.8	-34.56	-34.56	-34.63	105.5	2.6	Valve Adjustment:No Change,Valve 100% open
OXEW1817	5/20/2022 13:58	53.8	42.8	0.0	3.4	-31.04	-30.76	-31.20	109.9	12.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1821	5/11/2022 8:31	31.9	21.8	0.9	45.4	-0.17	-0.16	-40.79	51.6	0.2	Valve Adjustment:No Change,Valve at minimum position

OXEW1821	5/18/2022 9:33	34.7	27.7	0.0	37.6	-0.12	-0.11	-39.71	70.6	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	5/11/2022 8:26	16.6	20.9	2.0	60.5	-0.17	-0.15	-39.94	56.5	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1822	5/18/2022 9:26	18.8	29.3	0.0	51.9	-0.14	-0.12	-40.19	72.7	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1823	5/11/2022 8:21	27.5	27.9	0.7	43.9	-0.09	-0.07	-40.30	53.3	0.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1823	5/18/2022 9:19	28.2	35.7	0.0	36.1	-0.08	-0.20	-39.94	68.8	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1824	5/11/2022 8:08	56.2	29.9	2.8	11.1	-40.28	-40.03	-40.42	47.5	2.9	Valve Adjustment:No Change,Valve 100% open
OXEW1824	5/18/2022 8:58	60.2	39.2	0.4	0.2	-40.17	-39.97	-40.22	65.8	1.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1825	5/11/2022 7:58	48.1	35.4	1.0	15.5	-2.00	-1.36	-40.43	56.6	1.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1825	5/17/2022 13:11	51.8	33.7	0.4	14.1	-0.58	-0.58	-38.44	68.0	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	5/11/2022 12:38	48.4	36.5	0.0	15.1	-3.40	-3.35	-39.36	81.2	2.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	5/27/2022 8:18	49.2	39.7	0.0	11.1	-2.67	-2.69	-34.43	78.2	2.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	5/7/2022 12:23	58.1	41.4	0.5	0.0	-33.63	-33.68	-33.80	69.0	7.2	Valve Adjustment:No Change,Valve 100% open
OXEW1901	5/25/2022 10:44	54.0	45.9	0.1	0.0	-39.57	-39.63	-39.64	81.7	4.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1902	5/6/2022 13:08	46.4	38.2	3.4	12.0	-32.15	-32.33	-32.01	72.1	2.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1902	5/23/2022 11:54	57.4	42.6	0.0	0.0	-36.63	-36.38	-37.47	77.3	6.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1904	5/6/2022 13:19	53.6	43.4	0.1	2.9	-12.72	-12.72	-34.40	112.9	39.8	Valve Adjustment:No Change,Valve 50% open
OXEW1904	5/23/2022 12:05	52.7	40.6	0.1	6.6	-13.73	-13.84	-38.99	114.3	40.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1908	5/12/2022 10:08	59.3	40.6	0.0	0.1	-27.70	-27.71	-31.44	112.9	20.9	Valve Adjustment:No Change,Valve 100% open
OXEW1908	5/20/2022 14:15	56.9	43.1	0.0	0.0	-25.37	-25.37	-28.30	113.9	28.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1909	5/12/2022 8:42	57.5	39.9	0.0	2.6	-34.35	-34.33	-34.76	74.5	8.1	Valve Adjustment:No Change,Valve 100% open
OXEW1909	5/26/2022 11:36	57.5	40.0	0.0	2.5	-32.95	-33.38	-33.23	75.3	9.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1910	5/12/2022 10:16	52.7	39.6	0.0	7.7	-26.15	-26.11	-34.53	114.6	17.4	Valve Adjustment:No Change,Valve 100% open
OXEW1910	5/20/2022 14:25	54.2	44.2	0.0	1.6	-24.61	-24.60	-31.97	115.2	13.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1911	5/3/2022 10:28	58.1	41.9	0.0	0.0	-24.90	-25.48	-32.78	128.0	9.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1911	5/27/2022 12:56	57.3	39.2	0.1	3.4	-35.37	-35.19	-40.12	129.7	9.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1912	5/12/2022 9:35	52.0	41.3	0.0	6.7	-21.05	-20.78	-38.16	123.5	39.4	Valve Adjustment:No Change,Valve 40% open
OXEW1912	5/19/2022 9:59	52.2	45.9	0.0	1.9	-20.28	-20.25	-38.32	123.7	39.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1913	5/11/2022 12:52	56.0	39.4	0.0	4.6	-22.57	-22.71	-39.94	94.1	25.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1913	5/24/2022 14:09	54.4	37.1	0.0	8.5	-20.26	-20.30	-35.57	95.6	22.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1914	5/11/2022 11:21	55.8	44.1	0.1	0.0	-39.40	-39.44	-39.55	99.1	4.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1914	5/24/2022 12:32	57.7	40.9	0.1	1.3	-36.88	-36.87	-37.42	104.3	5.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1915	5/11/2022 9:05	55.2	39.7	0.5	4.6	-2.16	-2.26	-42.02	66.4	5.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1915	5/17/2022 8:47	44.5	43.9	0.5	11.1	-2.75	-2.05	-39.95	65.2	6.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1916	5/11/2022 9:47	55.0	39.5	1.3	4.2	-39.61	-39.63	-40.31	61.5	0.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1916	5/18/2022 12:53	48.4	37.6	4.5	9.5	-38.02	-38.07	-38.22	79.2	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXEW1917	5/11/2022 9:55	55.2	40.9	0.0	3.9	-31.85	-31.99	-40.28	72.6	3.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1917	5/18/2022 12:45	54.4	45.6	0.0	0.0	-30.37	-30.62	-38.64	80.1	3.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1918	5/11/2022 8:05	34.4	30.8	0.0	34.8	-0.01	-0.01	-40.50	52.9	1.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1918	5/18/2022 8:44	26.8	31.6	0.0	41.6	0.00	-0.02	-40.23	67.9	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW1918	5/23/2022 8:12	24.7	29.2	0.0	46.1	-0.02	-0.02	-40.01	68.6	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	5/11/2022 8:25	51.9	36.0	0.0	12.1	-0.09	-0.08	-39.77	55.1	2.5	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	5/18/2022 8:46	26.2	31.3	0.0	42.5	-0.01	-0.01	-40.03	70.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	5/26/2022 11:32	59.4	38.2	0.0	2.4	-28.59	-28.32	-0.86	94.5	6.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1920	5/11/2022 8:28	39.5	31.2	1.0	28.3	-0.03	-0.03	-40.04	54.2	0.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1920	5/18/2022 9:42	40.6	36.4	0.1	22.9	-0.01	-0.07	-39.91	74.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1921	5/11/2022 8:13	52.1	35.6	0.4	11.9	-37.37	-37.40	-40.45	113.2	25.0	Valve Adjustment:No Change
OXEW1921	5/18/2022 11:08	52.0	44.4	0.5	3.1	-37.08	-37.08	-40.32	113.4	25.6	Valve Adjustment:No Change,Valve 70% open
OXEW2001	5/11/2022 9:36	43.7	39.2	0.0	17.1	-1.57	-1.41	-37.91	121.3	9.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2001	5/19/2022 8:26	47.6	43.5	0.0	8.9	-0.95	-0.92	-35.13	121.2	8.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2002	5/11/2022 9:29	52.3	39.8	0.1	7.8	-35.39	-35.13	-43.43	122.0	38.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW2002	5/17/2022 9:07	51.3	46.1	0.0	2.6	-29.89	-29.95	-36.30	120.8	34.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXEW2003	5/12/2022 7:55	55.1	41.4	0.3	3.2	-39.38	-39.49	-39.73	122.6	4.7	Valve Adjustment:No Change,Valve 100% open
OXEW2003	5/17/2022 12:00	54.5	40.1	0.3	5.1	-39.93	-39.76	-40.66	120.8	4.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2004	5/11/2022 8:41	53.6	41.2	0.1	5.1	-35.03	-35.04	-42.75	129.5	42.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
OXEW2004	5/17/2022 12:21	52.7	38.8	0.0	8.5	-33.58	-33.61	-41.10	129.7	55.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXEW2005	5/11/2022 8:38	50.7	38.5	0.0	10.8	-4.15	-4.10	-40.36	123.8	8.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2005	5/11/2022 8:47	50.2	37.6	0.0	12.2	-4.27	-4.18	-40.78	123.9	9.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2005	5/17/2022 12:38	53.9	39.8	0.0	6.3	-3.07	-3.09	-38.36	120.3	4.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2006	5/11/2022 8:20	60.5	37.3	0.0	2.2	-0.11	-0.11	-39.38	58.7	0.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2006	5/18/2022 9:09	57.4	41.1	0.0	1.5	-0.10	-1.47	-39.76	72.1	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2007	5/11/2022 8:18	58.4	40.2	0.0	1.4	-38.23	-38.19	-39.76	111.0	17.1	Valve Adjustment:No Change,Valve 100% open
OXEW2007	5/18/2022 9:03	56.5	43.5	0.0	0.0	-39.15	-39.12	-40.19	112.0	16.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2008	5/11/2022 8:32	62.0	35.7	0.4	1.9	-39.28	-39.39	-40.00	57.0	2.6	Valve Adjustment:No Change,Valve 100% open
OXEW2008	5/26/2022 10:20	62.6	37.1	0.2	0.1	-36.74	-36.76	-36.92	65.5	1.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2009	5/11/2022 10:04	56.7	43.1	0.0	0.2	-36.04	-36.04	-36.96	102.8	17.0	Valve Adjustment:No Change,Valve 100% open
OXEW2009	5/18/2022 12:31	52.3	47.5	0.2	0.0	-38.10	-38.10	-38.88	104.0	14.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2010	5/11/2022 10:00	57.8	41.8	0.0	0.4	-7.07	-7.27	-39.76	70.7	2.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2010	5/18/2022 12:37	54.8	45.2	0.0	0.0	-7.46	-7.48	-38.64	78.4	2.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2011	5/11/2022 9:44	53.2	41.6	0.0	5.2	-4.36	-4.37	-41.25	112.7	11.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2011	5/19/2022 11:02	53.5	42.1	0.1	4.3	-4.27	-4.33	-39.17	114.7	11.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open

OXEW2012	5/11/2022 9:27	52.4	39.3	0.1	8.2	-27.12	-27.24	-44.07	112.2	19.9	Valve Adjustment:No Change,Valve 45% open
OXEW2012	5/17/2022 9:13	52.1	45.3	0.0	2.6	-24.17	-24.16	-37.01	111.4	17.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2016	5/12/2022 10:15	55.0	43.4	0.2	1.4	-23.11	-16.70	-37.19	132.0	34.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 30% open
OXEW2016	5/12/2022 10:17	55.6	42.8	0.1	1.5	-15.70	-15.69	-35.74	130.4	19.8	Valve Adjustment:No Change,Valve 30% open
OXEW2016	5/19/2022 11:40	57.9	41.6	0.1	0.4	-8.01	-6.07	-19.83	132.0	15.3	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 25% open
OXEW2016	5/19/2022 11:42	58.3	39.3	0.2	2.2	-5.69	-5.61	-15.74	130.3	12.9	Valve Adjustment:No Change,Valve 25% open
OXEW2017	5/12/2022 9:46	50.7	40.1	1.7	7.5	-0.40	-0.43	-35.98	114.5	3.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2017	5/19/2022 10:17	53.7	45.8	0.5	0.0	-0.12	-0.14	-35.58	117.8	4.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2019	5/12/2022 8:46	58.7	37.7	0.3	3.3	-28.42	-28.38	-13.12	93.7	26.1	Valve Adjustment:No Change,Valve 100% open
OXEW2019	5/27/2022 13:36	56.0	41.4	0.1	2.5	-14.44	-14.34	-16.38	94.4	16.9	Valve Adjustment:No Change,Valve 100% open
OXEW2020	5/9/2022 10:46	57.5	41.4	0.2	0.9	-5.98	-6.04	-35.14	130.2	12.2	Valve Adjustment:No Change,Valve 20% open
OXEW2020	5/25/2022 10:15	54.7	45.3	0.0	0.0	0.57	-0.08	-39.19	124.8	2.3	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXEW2020	5/25/2022 10:17	55.1	44.9	0.0	0.0	-0.17	-0.14	-39.34	127.3	3.2	Valve Adjustment:No Change,Valve at minimum position
OXEW2021	5/9/2022 10:57	42.6	35.0	5.5	16.9	-3.10	-2.43	-35.56	101.7	4.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 25% open
OXEW2021	5/9/2022 11:01	44.0	35.7	4.4	15.9	-2.03	-2.02	-35.34	98.6	2.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2021	5/23/2022 13:01	45.5	32.7	4.8	17.0	-1.64	-1.63	-40.02	101.5	2.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2022	5/9/2022 11:17	56.5	43.5	0.0	0.0	-33.39	-33.24	-35.08	125.9	34.2	Valve Adjustment:No Change,Valve 100% open
OXEW2022	5/25/2022 12:53	55.8	37.3	0.1	6.8	-36.47	-36.48	-39.18	126.2	36.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2023	5/6/2022 12:43	56.4	43.5	0.1	0.0	-28.97	-29.15	-30.34	123.6	28.1	Valve Adjustment:No Change,Valve 100% open
OXEW2023	5/12/2022 8:29	58.4	40.5	0.0	1.1	-34.92	-35.40	-35.06	114.2	32.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2023	5/19/2022 12:25	59.6	40.3	0.1	0.0	-9.72	-9.60	-10.60	122.7	18.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2024	5/9/2022 12:17	52.4	43.5	0.4	3.7	-6.52	-6.64	-34.91	112.7	61.0	Valve Adjustment:No Change,Valve 45% open
OXEW2024	5/20/2022 13:51	49.0	40.5	0.2	10.3	-8.02	-8.27	-33.81	112.6	57.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2025	5/12/2022 8:52	59.6	40.4	0.0	0.0	-32.94	-32.90	-33.75	100.1	28.2	Valve Adjustment:No Change,Valve 100% open
OXEW2025	5/26/2022 11:26	56.0	37.8	0.1	6.1	-33.13	-33.04	-33.33	98.5	11.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2026	5/12/2022 8:58	59.6	39.3	0.0	1.1	-26.41	-26.37	-39.11	98.8	88.4	Valve Adjustment:No Change,Valve 100% open
OXEW2026	5/26/2022 13:22	58.1	41.9	0.0	0.0	-24.24	-24.31	-35.87	99.6	81.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2027	5/12/2022 9:10	52.6	37.2	0.3	9.9	-32.89	-32.84	-33.00	63.8	6.4	Valve Adjustment:No Change,Valve 100% open
OXEW2027	5/26/2022 13:07	55.3	44.7	0.0	0.0	-30.63	-30.44	-30.70	64.6	17.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2028	5/12/2022 9:04	55.3	42.8	0.2	1.7	18.30	-2.21	-38.37	58.6	3.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW2028	5/12/2022 9:05	55.1	43.3	0.2	1.4	-20.67	-20.93	-38.04	63.9	15.5	Valve Adjustment:No Change,Valve at minimum position
OXEW2028	5/26/2022 13:17	53.5	38.4	1.8	6.3	-34.48	-34.53	-35.37	58.3	0.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2029	5/9/2022 11:22	47.8	41.8	0.1	10.3	-7.51	-7.15	-35.09	121.7	29.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2029	5/25/2022 12:59	51.0	34.4	0.1	14.5	-6.82	-6.82	-40.31	122.8	30.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2030	5/6/2022 12:25	55.5	44.5	0.0	0.0	-29.71	-29.73	-30.93	125.8	30.7	Valve Adjustment:No Change,Valve 100% open

OXEW2030	5/19/2022 11:55	57.2	40.0	0.0	2.8	-13.30	-13.29	-14.03	125.5	18.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2031	5/6/2022 12:10	55.3	44.5	0.2	0.0	-25.72	-25.68	-32.47	126.0	29.3	Valve Adjustment:No Change,Valve 100% open
OXEW2031	5/19/2022 11:47	55.9	40.2	0.1	3.8	-13.32	-13.29	-14.90	125.7	13.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2101	5/9/2022 10:30	51.2	41.6	0.0	7.2	-0.92	-0.92	-35.56	125.1	13.2	Valve Adjustment:No Change,Valve 20% open
OXEW2101	5/25/2022 8:28	48.4	42.4	0.0	9.2	-1.19	-1.17	-40.39	126.3	18.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2102	5/9/2022 12:25	57.6	42.2	0.2	0.0	-29.95	-29.76	-32.00	88.7	17.1	Valve Adjustment:No Change,Valve 100% open
OXEW2102	5/20/2022 14:09	55.9	44.0	0.1	0.0	-29.45	-29.45	-31.14	105.3	21.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2103	5/9/2022 12:18	53.6	35.9	0.7	9.8	-8.39	-8.32	-36.73	101.6	72.3	Valve Adjustment:No Change,Valve 55% open
OXEW2103	5/26/2022 11:14	45.6	35.5	1.7	17.2	-7.61	-7.76	-36.69	100.8	71.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2104	5/12/2022 9:21	58.3	39.9	0.0	1.8	-24.38	-24.36	-41.05	114.3	14.9	Valve Adjustment:No Change,Valve 100% open
OXEW2104	5/27/2022 12:00	55.8	39.3	0.0	4.9	-26.88	-26.88	-34.95	114.5	23.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2105	5/12/2022 10:12	52.4	38.2	0.0	9.4	-16.93	-16.93	-35.53	108.7	4.6	Valve Adjustment:No Change,Valve 65% open
OXEW2105	5/20/2022 14:20	54.5	42.9	0.0	2.6	-15.84	-15.79	-31.90	108.8	23.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2106	5/12/2022 9:29	54.8	41.5	0.0	3.7	-25.18	-25.18	-25.87	116.9	18.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2106	5/19/2022 9:53	54.3	45.7	0.0	0.0	-24.76	-24.65	-25.46	116.6	18.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2107	5/11/2022 9:33	55.2	41.7	0.0	3.1	-33.93	-33.71	-35.14	120.5	8.2	Valve Adjustment:No Change,Valve 100% open
OXEW2107	5/18/2022 13:20	53.4	46.6	0.0	0.0	-2.44	-2.49	-38.86	81.2	38.6	Valve Adjustment:No Change,Valve at minimum position
OXEW2107	5/19/2022 8:31	53.0	47.0	0.0	0.0	-31.55	-32.03	-32.25	121.5	13.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2108	5/12/2022 8:06	51.2	39.1	0.0	9.7	-15.23	-15.17	-18.22	126.0	22.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2108	5/17/2022 9:27	50.6	46.4	0.0	3.0	-13.26	-13.26	-35.12	126.1	22.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2109	5/11/2022 9:41	44.6	38.2	0.7	16.5	-4.41	-4.21	-42.20	68.9	1.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2109	5/18/2022 13:18	52.7	47.3	0.0	0.0	5.12	-0.37	-39.71	83.7	0.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	5/23/2022 8:00	50.6	41.2	0.0	8.2	-9.79	-9.83	-42.54	73.3	3.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2110	5/6/2022 12:40	59.0	38.5	0.0	2.5	-29.49	-29.20	-29.86	105.3	3.3	Valve Adjustment:No Change,Valve 100% open
OXEW2110	5/19/2022 12:20	59.2	40.8	0.0	0.0	-9.02	-9.07	-9.84	103.5	7.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2111	5/12/2022 8:38	49.6	38.2	0.0	12.2	-9.89	-9.40	-39.09	97.1	103.5	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 85% open
OXEW2111	5/27/2022 11:49	50.0	38.0	0.0	12.0	-9.66	-9.10	-42.57	97.0	99.4	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 75% open
OXEW2112	5/12/2022 8:33	55.4	41.0	0.2	3.4	-32.42	-32.42	-39.70	97.7	6.8	Valve Adjustment:No Change,Valve 100% open
OXEW2112	5/26/2022 12:04	55.0	42.3	0.0	2.7	-30.08	-30.07	-36.75	99.1	1.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2113	5/12/2022 8:16	55.0	38.2	0.1	6.7	-31.18	-31.72	-37.57	119.4	53.9	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 85% open
OXEW2113	5/26/2022 11:46	50.3	36.3	0.1	13.3	-28.78	-28.81	0.65	116.8	64.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 85% open
OXEWHC6A**	5/11/2022 9:15	4.4	7.3	15.7	72.6	-0.04	-0.02	-42.78	62.0	0.2	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	5/11/2022 9:17	5.3	7.8	15.6	71.3	-0.14	-0.13	-42.40	69.9	0.2	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	5/17/2022 8:29	5.3	11.2	14.6	68.9	-0.67	-0.62	-39.87	54.0	0.1	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	5/17/2022 8:34	5.4	11.1	14.6	68.9	-0.66	-0.64	-39.89	54.7	0.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less

OXHC1922	5/12/2022 10:21	48.3	37.3	1.9	12.5	-0.37	-0.42	-35.69	78.0	10.9	Valve Adjustment:No Change,Valve 30% open
OXHC1922	5/27/2022 11:52	46.1	36.7	2.4	14.8	-0.47	-0.45	-37.29	76.0	9.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXHC2000	5/12/2022 9:37	58.5	41.5	0.0	0.0	-31.66	-31.74	-37.27	71.7	58.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2000	5/25/2022 14:43	0.7	0.6	21.7	77.0	-1.57	-1.59	-38.98	81.3	165.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2000	5/26/2022 13:45	56.1	41.0	0.3	2.6	-44.99	-33.45	-28.96	71.9	99.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2001	5/12/2022 9:33	43.0	37.8	4.3	14.9	-1.58	-1.09	-36.25	78.5	28.5	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 20% open
OXHC2001	5/25/2022 14:40	54.9	41.2	0.0	3.9	-1.16	-1.16	-40.68	99.8	21.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXHC2013	5/12/2022 8:57	50.2	37.2	0.7	11.9	-2.16	-1.88	-38.47	56.7	5.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXHC2013	5/27/2022 11:48	45.8	32.3	0.5	21.4	-3.95	-3.98	-40.76	70.2	11.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXHC2014	5/12/2022 8:22	53.0	36.7	0.8	9.5	-1.97	-1.87	-39.19	79.0	43.3	Valve Adjustment:No Change,Valve 55% open
OXHC2014	5/26/2022 11:56	55.0	39.4	0.1	5.5	-1.53	-1.63	-37.38	79.7	40.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXHC2015	5/12/2022 12:12	47.1	35.6	0.6	16.7	-1.28	-1.18	-43.36	89.3	30.4	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 25% open
OXHC2015	5/27/2022 11:28	48.3	34.6	0.4	16.7	-1.28	-1.20	-45.15	69.7	27.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXHC2101	5/12/2022 9:51	49.3	38.2	0.3	12.2	-0.20	-0.21	-38.10	89.6	10.7	Valve Adjustment:No Change,Valve 10% open
OXHC2101	5/25/2022 14:27	48.5	35.8	0.4	15.3	-0.21	-0.21	-39.92	94.1	10.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXLCR4A1	5/12/2022 12:16	52.0	37.8	0.0	10.2	-41.22	-40.38	-42.03	71.6	26.1	Valve Adjustment:No Change,Valve 60% open
OXLCR4A1	5/27/2022 11:36	0.5	4.2	20.4	74.9	-38.94	-29.06	-45.33	65.3	21.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 25% open
OXLCR4A1	5/27/2022 11:37	45.0	30.5	2.0	22.5	-14.09	-12.26	-45.42	65.6	22.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXLCR4B1	5/12/2022 12:20	42.7	34.4	2.2	20.7	-2.00	-1.77	-42.11	81.3	12.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	5/27/2022 11:31	44.6	36.4	1.4	17.6	-2.96	-2.48	-43.71	64.9	7.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	5/12/2022 9:41	58.1	40.2	0.4	1.3	-16.04	-15.80	-40.89	85.2	22.4	Valve Adjustment:No Change,Valve 100% open
OXLCRS07	5/25/2022 14:47	54.5	37.0	0.6	7.9	-17.00	-17.13	-43.11	85.5	58.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS10	5/12/2022 9:55	53.9	42.7	0.1	3.3	-1.14	-1.27	-38.17	81.0	14.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXLCRS10	5/25/2022 14:31	53.3	41.3	0.0	5.4	-1.64	-1.70	-41.73	82.8	14.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCRS11	5/12/2022 9:59	52.1	41.1	0.4	6.4	-1.35	-1.31	-40.84	84.4	18.5	Valve Adjustment:No Change,Valve 40% open
OXLCRS11	5/25/2022 14:34	54.6	39.6	0.0	5.8	-1.20	-1.23	-42.35	85.9	18.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXLCRS3A	5/7/2022 13:45	56.6	43.4	0.0	0.0	-23.17	-24.38	-30.66	94.6	139.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	5/20/2022 9:40	54.4	45.6	0.0	0.0	-26.76	-26.79	-31.24	94.6	113.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS3B	5/7/2022 13:44	56.8	43.2	0.0	0.0	-24.24	-24.69	-31.45	94.7	144.7	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	5/20/2022 9:35	55.0	45.0	0.0	0.0	-25.66	-25.54	-29.96	96.3	120.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS7B	5/12/2022 9:43	58.0	40.0	0.4	1.6	-15.92	-15.46	-32.74	85.1	53.0	Valve Adjustment:No Change,Valve 100% open
OXLCRS7B	5/26/2022 13:51	59.4	39.5	0.8	0.3	-83.83	-83.54	-30.40	86.0	142.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS9A	5/12/2022 8:25	54.3	42.6	0.4	2.7	-36.24	-36.18	-37.72	63.6	5.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXLCRS9A	5/26/2022 12:00	47.4	49.6	0.0	3.0	-31.72	-31.58	-35.25	69.0	4.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXLCRS9B	5/12/2022 8:28	13.6	30.1	12.4	43.9	-0.32	-0.65	-38.10	67.2	18.3	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 20% open

OXLCRS9B	5/12/2022 8:30	13.2	29.8	12.4	44.6	-1.38	-0.23	-38.21	67.4	26.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXLCRS9B	5/16/2022 12:19	17.9	32.5	9.2	40.4	-0.11	-0.11	-40.19	63.8	10.5	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS9B	5/16/2022 12:23	17.5	34.5	9.1	38.9	-0.13	-0.13	-40.15	61.0	10.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS9B	5/26/2022 12:20	56.0	43.0	0.0	1.0	0.35	-0.02	-35.11	60.0	1.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn to 1 turn
OXLCRS9B	5/26/2022 12:27	8.4	73.6	0.4	17.6	0.01	-0.01	-34.90	68.4	10.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXME302D	5/9/2022 10:56	58.6	40.0	0.6	0.8	-12.01	-12.46	-35.62	118.3	18.6	Valve Adjustment:Opened valve 1/2 turn or less
OXME302D	5/23/2022 13:07	41.9	30.4	6.3	21.4	-14.49	-14.27	-40.89	119.8	20.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXME302D	5/23/2022 13:11	41.1	30.1	6.8	22.0	-14.11	-14.13	-40.58	119.1	20.5	Valve Adjustment:NSPS,Closed valve 1/2 turn to 1 turn
OXME306D	5/9/2022 9:25	58.4	40.6	0.2	0.8	-35.11	-35.15	-35.54	125.4	15.4	Valve Adjustment:No Change,Valve 100% open
OXME306D	5/23/2022 8:59	57.5	42.5	0.0	0.0	-38.79	-38.80	-39.31	126.7	16.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME312D	5/11/2022 12:05	43.2	37.8	0.0	19.0	-1.50	-1.46	-38.32	92.6	5.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	5/25/2022 13:09	44.5	32.8	0.0	22.7	-1.31	-1.31	-38.15	95.7	4.1	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	5/11/2022 11:29	58.4	40.8	0.3	0.5	-33.37	-33.38	-35.40	127.0	0.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME316D	5/12/2022 13:26	60.0	39.0	0.4	0.6	-31.57	-31.62	-33.52	126.4	25.1	Valve Adjustment:No Change,Valve 100% open
OXME316D	5/24/2022 13:28	58.3	38.6	0.3	2.8	-29.85	-29.80	-32.10	127.5	23.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME317D	5/11/2022 11:34	58.8	39.7	0.2	1.3	-37.05	-36.86	-37.18	77.1	6.1	Valve Adjustment:No Change,Valve 100% open
OXME317D	5/24/2022 13:38	58.5	39.5	0.1	1.9	-33.47	-33.60	-33.81	90.6	4.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	5/7/2022 12:54	52.6	41.1	0.7	5.6	-13.78	-13.81	-33.00	75.4	82.5	Valve Adjustment:No Change
OXMEW113	5/26/2022 8:54	50.6	40.9	1.3	7.2	-13.41	-14.91	-36.53	73.4	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	5/7/2022 14:35	59.7	39.9	0.4	0.0	-33.81	-33.68	-33.91	82.9	9.3	Valve Adjustment:No Change,Valve 100% open
OXMEW122	5/27/2022 13:20	58.3	37.4	0.2	4.1	-41.08	-41.15	-41.20	73.5	9.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW126	5/12/2022 11:58	55.3	44.7	0.0	0.0	-36.53	-36.47	-37.18	67.8	7.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW126	5/20/2022 8:41	56.4	43.6	0.0	0.0	-33.51	-33.65	-33.72	69.1	11.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW138	5/7/2022 13:52	56.4	43.6	0.0	0.0	-0.61	-0.87	-29.81	75.8	1.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW138	5/26/2022 9:38	53.8	43.6	0.0	2.6	-35.96	-36.24	-1.44	72.9	38.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW145	5/7/2022 13:13	56.5	43.5	0.0	0.0	-31.35	-31.33	-32.16	98.1	20.5	Valve Adjustment:No Change,Valve 100% open
OXMEW145	5/25/2022 11:33	53.9	46.1	0.0	0.0	-37.57	-37.44	-38.36	99.9	26.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW145	5/26/2022 8:48	54.5	42.0	0.0	3.5	-36.29	-36.36	-37.28	98.2	23.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW156	5/11/2022 9:01	55.8	39.7	0.1	4.4	-27.44	-27.58	-43.22	65.3	6.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW156	5/17/2022 8:17	53.4	45.0	0.4	1.2	-26.82	-26.92	-40.69	63.5	6.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW158	5/12/2022 11:43	50.7	49.0	0.2	0.1	-34.07	-30.75	-38.63	67.9	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW158	5/20/2022 8:19	52.2	46.0	0.0	1.8	-25.90	-26.66	-34.73	68.0	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW159	5/12/2022 11:49	48.3	48.0	0.0	3.7	-22.46	-21.34	-38.22	69.4	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW159	5/20/2022 8:23	53.3	45.6	0.0	1.1	-15.99	-16.62	-35.15	70.2	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW162	5/7/2022 14:10	51.6	28.9	4.9	14.6	-32.31	-32.17	-33.13	68.2	10.5	Valve Adjustment:Closed valve 1/2 turn to 1 turn

OXMEW162	5/20/2022 12:39	49.0	28.7	5.6	16.7	-33.82	-33.82	-34.78	78.8	3.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW162	5/23/2022 10:05	49.2	28.8	4.7	17.3	-39.01	-39.12	-39.59	78.2	2.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW170	5/11/2022 8:08	47.2	30.8	0.4	21.6	-39.32	-39.08	-40.00	47.7	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW170	5/18/2022 8:52	45.6	34.4	0.6	19.4	-39.79	-39.70	-39.94	64.0	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW173	5/11/2022 7:38	44.3	39.9	0.0	15.8	-3.02	-2.96	-42.17	78.6	21.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	5/17/2022 12:26	43.1	32.8	1.0	23.1	-2.36	-2.34	-39.88	91.1	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW174	5/11/2022 8:57	34.7	30.5	6.0	28.8	-0.21	-0.18	-41.79	68.2	0.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW174	5/11/2022 8:58	34.1	30.1	6.3	29.5	-0.10	-0.09	-42.65	67.2	0.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW174	5/16/2022 11:53	43.2	30.8	4.8	21.2	-0.08	-0.10	-42.59	59.0	0.6	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	5/11/2022 9:02	57.2	40.6	0.4	1.8	-0.69	-1.04	-42.36	74.0	2.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	5/11/2022 9:22	56.2	38.2	0.4	5.2	-2.11	-5.95	-42.29	70.6	1.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	5/17/2022 8:40	39.4	44.2	0.1	16.3	-11.34	-9.97	-40.90	73.3	6.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW176	5/12/2022 11:48	51.6	36.4	0.1	11.9	-16.41	-16.39	-37.05	111.3	42.1	Valve Adjustment:No Change
OXMEW176	5/27/2022 13:42	49.5	41.5	0.2	8.8	-15.44	-15.07	-39.30	111.0	40.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW181	5/11/2022 12:43	53.0	41.2	0.0	5.8	-19.49	-19.76	-39.35	113.6	64.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	5/24/2022 14:17	53.5	39.8	0.0	6.7	-18.18	-18.07	-35.27	114.3	31.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW182	5/11/2022 11:46	55.2	38.2	0.1	6.5	-34.01	-33.95	-37.80	120.8	23.2	Valve Adjustment:No Change,Valve 100% open
OXMEW182	5/27/2022 12:42	53.9	38.3	0.0	7.8	-35.24	-35.38	-39.01	120.6	15.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW183	5/11/2022 12:30	48.6	40.9	0.0	10.5	-7.80	-7.56	-12.04	117.1	48.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW183	5/24/2022 14:32	46.9	37.3	0.0	15.8	-6.56	-6.56	-0.94	117.6	44.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	5/9/2022 9:55	47.0	40.8	0.0	12.2	-0.60	-0.55	-34.16	121.4	24.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	5/25/2022 9:15	44.5	40.8	0.0	14.7	-0.86	-0.83	-38.77	121.0	24.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	5/9/2022 9:55	55.2	41.6	0.6	2.6	0.04	-0.08	-34.72	93.1	8.2	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXMEW185	5/9/2022 9:57	55.1	41.7	0.7	2.5	-0.11	-0.11	-34.51	97.8	1.8	Valve Adjustment:No Change
OXMEW185	5/25/2022 9:09	52.5	45.0	0.8	1.7	-0.26	-0.25	-39.22	103.6	6.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW186	5/11/2022 11:58	50.5	39.4	1.3	8.8	-0.97	-0.96	-38.35	71.1	2.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW186	5/25/2022 13:38	46.5	35.3	2.9	15.3	-0.80	-0.79	-38.22	76.7	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW187	5/11/2022 12:22	49.0	42.0	0.0	9.0	-0.63	-0.61	-38.80	103.5	32.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW187	5/24/2022 14:57	51.4	39.9	0.0	8.7	-0.24	-0.25	-34.94	110.5	32.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	5/9/2022 9:43	51.9	40.6	0.0	7.5	-1.18	-1.18	-28.36	107.3	10.3	Valve Adjustment:No Change
OXMEW188	5/25/2022 8:41	51.5	42.5	0.0	6.0	-1.38	-1.37	-38.69	110.0	10.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	5/9/2022 10:32	51.3	43.5	0.0	5.2	-6.96	-6.70	-34.26	123.7	131.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	5/25/2022 8:35	52.0	42.4	0.0	5.6	-6.89	-6.88	-39.04	124.4	129.3	Valve Adjustment:No Change
OXMEW190	5/11/2022 12:18	52.1	38.8	0.1	9.0	-10.44	-10.69	-38.93	125.9	24.6	Valve Adjustment:No Change,Valve 35% open
OXMEW190	5/27/2022 12:53	49.9	37.6	0.5	12.0	-10.48	-10.33	-39.52	125.2	24.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open

OXMEW191	5/11/2022 8:45	51.6	39.5	0.0	8.9	-4.29	-4.29	-42.69	125.0	18.5	Valve Adjustment:No Change
OXMEW191	5/17/2022 12:14	49.8	36.6	0.0	13.6	-4.26	-4.22	-40.48	123.0	19.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	5/11/2022 9:24	46.9	35.5	0.2	17.4	-3.18	-3.14	-43.03	64.2	6.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	5/17/2022 9:20	47.3	41.0	0.1	11.6	-2.39	-2.39	-36.32	57.4	2.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW194	5/11/2022 12:34	56.3	39.8	0.3	3.6	-38.32	-38.32	-39.45	86.0	17.7	Valve Adjustment:No Change,Valve 100% open
OXMEW194	5/27/2022 8:22	54.7	41.6	0.1	3.6	-33.45	-33.47	-34.25	84.9	11.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	5/11/2022 11:51	50.3	36.9	0.0	12.8	-9.41	-9.14	-38.03	94.4	8.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	5/26/2022 15:35	50.3	39.2	0.0	10.5	-8.46	-8.44	-33.67	94.1	7.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	5/11/2022 11:57	52.0	40.6	0.0	7.4	-8.59	-8.61	-38.23	122.9	33.7	Valve Adjustment:No Change
OXMEW199	5/25/2022 13:44	52.3	36.1	0.0	11.6	-8.00	-8.03	-37.76	123.7	35.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	5/11/2022 12:25	54.9	40.0	0.1	5.0	-0.27	-0.30	-39.25	113.4	8.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	5/24/2022 14:50	55.4	42.1	0.0	2.5	0.11	-0.01	-34.63	115.1	0.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn
OXMEW200	5/24/2022 14:52	56.3	41.1	0.0	2.6	-0.04	-0.04	-35.25	116.5	0.0	Valve Adjustment:No Change
OXMEW201	5/9/2022 9:50	50.3	41.3	0.0	8.4	-0.37	-0.36	-34.95	102.9	5.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	5/25/2022 9:03	51.6	42.8	0.0	5.6	-0.64	-0.63	-39.08	105.1	6.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW203	5/7/2022 12:52	56.9	35.7	1.4	6.0	-2.87	-3.00	-33.05	81.8	3.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW203	5/25/2022 11:24	60.0	39.9	0.1	0.0	-2.37	-2.33	-38.81	81.8	3.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW204	5/7/2022 12:45	57.9	42.1	0.0	0.0	-0.88	-0.89	-28.93	77.8	3.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW204	5/23/2022 10:48	55.4	44.6	0.0	0.0	-0.46	-0.96	-37.26	64.7	1.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW204	5/23/2022 10:51	55.6	44.4	0.0	0.0	-1.57	-1.57	-37.78	84.8	2.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW205	5/11/2022 12:19	47.9	39.6	0.0	12.5	-0.24	-0.23	-38.60	127.0	0.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW205	5/27/2022 12:30	54.0	43.3	0.0	2.7	-0.39	-0.61	-40.07	118.4	0.0	Valve Adjustment:Valve at minimum position,Valve 100% open
OXMEW209	5/9/2022 11:30	19.9	12.7	13.4	54.0	4.67	-0.53	-35.60	73.0	0.5	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 35% open
OXMEW209	5/9/2022 11:34	14.1	10.3	13.4	62.2	-1.66	-1.22	-35.22	102.7	28.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 30% open
OXMEW209	5/16/2022 12:39	55.8	40.6	0.1	3.5	-9.62	-8.05	-40.31	133.4	19.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 30% open
OXMEW209	5/16/2022 12:42	56.6	39.0	0.0	4.4	-7.39	-7.43	-40.68	129.0	7.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXMEW210	5/9/2022 9:32	56.9	39.8	0.2	3.1	-32.41	-32.53	-34.95	123.8	29.3	Valve Adjustment:No Change,Valve 100% open
OXMEW210	5/27/2022 8:55	52.2	39.3	0.1	8.4	-31.87	-31.75	-34.07	123.1	28.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW300	5/9/2022 11:00	58.5	38.8	0.9	1.8	-33.88	-33.85	-35.15	103.7	18.1	Valve Adjustment:No Change,Valve 100% open
OXMEW300	5/27/2022 8:45	53.0	33.9	2.1	11.0	-33.45	-33.42	-34.94	55.5	14.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW300	5/27/2022 8:47	53.5	34.9	2.1	9.5	-33.41	-33.28	-34.87	103.3	18.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW302	5/9/2022 10:51	50.9	38.0	0.0	11.1	-4.81	-4.81	-35.96	108.0	8.0	Valve Adjustment:No Change
OXMEW302	5/23/2022 13:15	47.4	37.8	0.0	14.8	-4.94	-5.00	-40.32	109.8	9.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW303	5/9/2022 9:34	65.4	32.8	0.4	1.4	-35.72	-35.64	-35.67	54.9	0.0	Valve Adjustment:No Change,Valve 100% open
OXMEW303	5/23/2022 8:52	66.3	31.8	0.5	1.4	-40.55	-40.51	-40.14	67.8	12.2	Valve Adjustment:Opened valve 1/2 turn or less

OXMEW306	5/9/2022 9:26	45.1	41.2	0.0	13.7	-1.21	-1.18	-35.43	109.5	9.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	5/23/2022 9:04	40.9	38.2	0.0	20.9	-1.67	-1.66	-39.73	110.9	9.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	5/7/2022 13:16	58.2	41.4	0.4	0.0	-32.64	-32.63	-32.43	83.9	2.1	Valve Adjustment:No Change,Valve 100% open
OXMEW307	5/25/2022 11:37	55.0	44.6	0.4	0.0	-38.28	-38.46	-38.65	88.8	2.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW307	5/26/2022 8:43	57.1	41.8	0.5	0.6	-37.45	-37.38	-37.60	81.3	2.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW309	5/9/2022 10:41	36.6	36.1	0.0	27.3	-20.30	-20.01	-35.12	127.8	44.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	5/25/2022 9:29	47.9	42.1	0.2	9.8	-22.44	-22.36	-39.63	128.4	48.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	5/11/2022 11:51	51.6	41.2	0.0	7.2	-10.75	-10.58	-37.24	118.6	229.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	5/23/2022 14:36	52.4	43.0	0.0	4.6	-9.73	-9.74	-37.53	120.3	200.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	5/7/2022 12:28	53.4	40.7	0.0	5.9	-18.33	-18.36	-33.26	119.2	27.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	5/25/2022 10:49	51.4	43.3	0.0	5.3	-21.45	-21.46	-39.70	120.1	25.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	5/11/2022 12:09	52.0	40.7	0.0	7.3	-3.52	-3.51	-38.58	83.0	9.0	Valve Adjustment:No Change
OXMEW312	5/25/2022 13:14	51.8	35.6	0.0	12.6	-3.34	-3.30	-38.51	101.8	9.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	5/9/2022 11:07	55.9	44.1	0.0	0.0	-33.30	-33.15	-34.32	121.4	20.5	Valve Adjustment:No Change,Valve 100% open
OXMEW315	5/23/2022 12:53	57.9	42.1	0.0	0.0	-37.62	-37.29	-39.03	121.9	22.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW316	5/11/2022 11:33	59.3	40.7	0.0	0.0	-35.56	-35.65	-36.90	110.3	8.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	5/24/2022 13:24	59.2	38.7	0.0	2.1	-31.74	-31.62	-33.78	115.3	7.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	5/11/2022 11:31	61.1	38.1	0.1	0.7	-36.94	-36.72	-37.13	106.2	17.0	Valve Adjustment:No Change,Valve 100% open
OXMEW317	5/24/2022 13:35	58.9	38.0	0.0	3.1	-33.06	-33.01	-33.62	107.5	16.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	5/11/2022 11:40	52.0	38.4	0.0	9.6	-2.63	-2.62	-37.83	111.1	19.2	Valve Adjustment:No Change
OXMEW318	5/24/2022 13:50	50.0	35.3	0.0	14.7	-2.21	-2.22	-34.85	111.8	10.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	5/11/2022 11:47	50.7	36.5	0.0	12.8	-12.80	-12.68	-37.01	109.0	15.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	5/26/2022 15:28	52.2	40.0	0.1	7.7	-10.81	-10.79	-32.87	107.5	13.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	5/6/2022 13:30	56.5	43.5	0.0	0.0	-34.48	-34.57	-34.26	124.0	14.8	Valve Adjustment:No Change,Valve 100% open
OXMEW320	5/23/2022 12:30	57.6	42.4	0.0	0.0	-38.49	-37.96	-38.83	124.8	16.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW322	5/11/2022 11:25	61.1	36.3	0.3	2.3	-38.32	-38.36	-39.22	119.0	23.5	Valve Adjustment:No Change,Valve 100% open
OXMEW322	5/24/2022 12:42	55.9	37.8	0.0	6.3	-36.52	-36.53	-37.96	119.7	21.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW323	5/3/2022 9:52	58.0	41.9	0.1	0.0	-29.86	-30.23	-30.25	112.6	15.6	Valve Adjustment:No Change,Valve 100% open
OXMEW323	5/23/2022 13:54	57.9	42.1	0.0	0.0	-35.28	-35.85	-35.54	115.7	13.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	5/12/2022 9:40	57.6	42.4	0.0	0.0	-24.79	-24.63	-31.18	118.3	15.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	5/19/2022 10:11	55.1	44.9	0.0	0.0	-24.23	-24.93	-29.10	115.5	12.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	5/12/2022 12:38	52.3	45.3	0.1	2.3	-38.17	-37.96	-38.47	75.5	N/A	Valve Adjustment:No Change
OXMEWHC1	5/26/2022 8:36	54.0	43.5	0.2	2.3	-37.39	-37.02	-37.62	54.8	N/A	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW05	5/11/2022 10:07	55.9	44.1	0.0	0.0	-37.73	-37.74	-38.22	109.3	18.8	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	5/19/2022 8:06	53.2	45.4	0.8	0.6	-40.79	-40.78	-40.57	105.2	16.8	Valve Adjustment:Opened valve 1/2 turn or less

OXMEWW06	5/11/2022 10:10	55.2	44.8	0.0	0.0	-37.82	-37.89	-38.32	93.0	7.5	Valve Adjustment:No Change,Valve 100% open
OXMEWW06	5/19/2022 8:51	51.9	47.9	0.2	0.0	-41.05	-40.81	-40.91	84.2	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW08	5/9/2022 12:05	51.6	37.9	2.4	8.1	-0.63	-0.65	-30.67	81.1	3.3	Valve Adjustment:No Change,Valve 15% open
OXMEWW08	5/18/2022 11:35	53.6	46.4	0.0	0.0	-0.94	-0.97	-31.78	104.3	4.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEWW17	5/12/2022 9:03	51.4	41.0	1.7	5.9	-34.92	-35.01	-34.65	52.2	6.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW17	5/19/2022 9:29	51.0	47.6	1.4	0.0	-34.66	-34.63	-34.45	63.9	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW18	5/12/2022 8:42	56.6	37.3	0.2	5.9	-37.13	-37.48	-38.45	59.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW18	5/19/2022 9:41	53.6	46.3	0.1	0.0	-36.38	-36.57	-37.55	73.1	4.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1G	5/11/2022 10:29	49.0	39.5	0.0	11.5	-13.54	-13.20	-37.41	72.9	6.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1G	5/18/2022 12:40	52.0	45.8	0.0	2.2	-13.93	-13.93	-38.86	75.1	6.3	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1I	5/11/2022 10:24	21.7	15.5	13.2	49.6	-0.70	-0.59	-36.64	61.7	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1I	5/16/2022 12:03	59.6	37.6	0.1	2.7	0.10	-0.10	-41.43	60.3	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1I	5/16/2022 12:06	48.4	31.8	4.8	15.0	-0.51	-0.53	-41.28	60.1	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1I	5/18/2022 12:23	41.3	33.3	6.9	18.5	-5.40	-3.83	-39.08	75.5	0.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1I	5/18/2022 12:27	34.7	27.1	10.2	28.0	-0.42	-0.36	-38.99	78.6	0.1	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1J	5/11/2022 10:20	48.5	40.7	0.5	10.3	-6.48	-6.06	-36.97	78.2	6.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEWW1J	5/18/2022 12:15	51.2	44.4	0.5	3.9	-7.05	-7.02	-39.08	80.5	6.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1K	5/11/2022 10:17	55.9	44.0	0.1	0.0	-37.62	-37.50	-38.12	68.5	15.9	Valve Adjustment:No Change,Valve 100% open
OXMEWW1K	5/18/2022 12:11	53.9	46.0	0.1	0.0	-41.05	-40.94	-40.89	71.9	2.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	5/12/2022 8:17	52.8	38.3	0.1	8.8	-33.74	-33.74	-34.99	65.5	27.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1S	5/19/2022 9:15	55.0	45.0	0.0	0.0	-33.70	-33.59	-34.48	67.3	25.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	5/7/2022 12:00	57.9	41.8	0.3	0.0	-36.39	-36.69	-38.83	90.3	5.9	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	5/27/2022 13:27	54.8	43.7	0.2	1.3	-42.02	-41.68	-42.99	67.5	17.2	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	5/7/2022 12:02	50.1	40.4	2.6	6.9	-36.36	-36.38	-38.74	65.9	9.9	Valve Adjustment:No Change
OXMHCF04	5/27/2022 7:52	53.9	42.6	0.5	3.0	-37.59	-37.71	-39.76	57.6	4.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMPEW30	5/11/2022 9:49	51.7	37.8	1.8	8.7	-42.25	-42.30	-42.65	58.2	2.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMPEW30	5/18/2022 13:00	54.4	45.5	0.1	0.0	-39.34	-39.52	-39.33	82.9	1.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW31	5/11/2022 9:50	58.1	40.2	0.0	1.7	-41.82	-41.43	-42.60	63.3	7.5	Valve Adjustment:No Change,Valve 100% open
OXMPEW31	5/18/2022 12:49	54.1	45.9	0.0	0.0	-39.46	-39.64	-39.73	76.1	4.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW32	5/11/2022 9:08	56.1	40.4	0.0	3.5	-41.37	-41.43	-41.92	74.3	7.1	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 60% open
OXMPEW32	5/17/2022 8:53	39.7	43.3	0.0	17.0	-39.80	-39.79	-39.74	69.7	8.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 60% open
OXMPEW33	5/11/2022 9:16	49.5	38.8	0.0	11.7	-6.44	-6.38	-43.87	84.0	12.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMPEW33	5/17/2022 12:54	49.6	36.0	0.0	14.4	-6.45	-6.41	-40.91	85.0	11.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMPEW35	5/11/2022 9:42	48.5	37.5	1.7	12.3	-30.58	-30.55	-41.69	118.9	24.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW35	5/19/2022 8:19	51.1	45.0	0.0	3.9	-28.61	-28.63	-38.21	127.6	22.2	Valve Adjustment:Closed valve 1/2 turn or less

OXMPEW44	5/12/2022 9:13	52.1	41.0	0.1	6.8	-35.05	-34.99	-34.96	63.4	5.3	Valve Adjustment:No Change,Valve 100% open
OXMPEW44	5/19/2022 9:20	53.7	46.3	0.0	0.0	-34.58	-34.69	-34.66	73.6	1.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less

***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_4 = Methane

CO_2 = Carbon Dioxide

O_2 = 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, ~~OXLCRS01~~, OXLCRS4A, OXLCRS4B, ~~OXLCRS05~~, ~~OXLCRS06~~, OXLCRS07, ~~OXMEWHC6~~, ~~OXMTBTC1~~, OXMEWW17, and ~~OXMHCF06~~.

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, ~~OXLCRS01~~, OXLCRS4A, OXLCRS4B, ~~OXLCRS05, OXLCRS06~~, and OXLCRS07.

*Wells that have been decommissioned are noted with a strikethrough.

OX MOUNTAIN LANDFILL
Wellfield Monitoring Report - June 1, 2, 3, 6, 7, 8, 9, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 27, 28, 29, and 30, 2022

Device ID	Date and Time	CH_4	CO_2	O_2	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMLEW101	6/1/2022 12:04	56.6	42.4	0.0	1.0	-0.85	-0.86	-36.76	69.7	6.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMLEW101	6/17/2022 11:23	56.1	43.9	0.0	0.0	-0.89	-0.92	-37.51	69.0	7.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMLEW104	6/7/2022 8:20	51.9	37.7	0.1	10.3	-15.64	-15.58	-40.86	80.4	27.1	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW104	6/23/2022 8:11	52.1	39.2	0.1	8.6	-13.89	-13.91	-38.63	81.4	25.3	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	6/7/2022 8:15	60.7	39.0	0.0	0.3	-40.89	-40.67	-40.95	70.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	6/23/2022 8:06	59.8	40.1	0.1	0.0	-38.56	-38.57	-38.47	71.6	12.7	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW59	6/2/2022 9:42	47.4	39.9	0.0	12.7	-0.86	-0.85	-30.24	106.5	8.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OMLFEW59	6/16/2022 8:29	51.7	36.3	0.0	12.0	-0.81	-0.78	-33.87	106.3	4.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMLFEW72	6/15/2022 9:04	53.1	38.8	0.0	8.1	-1.11	-1.12	-40.39	62.3	N/A	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW72	6/15/2022 9:59	51.5	36.5	0.1	11.9	-1.06	-6.07	-38.82	71.6	N/A	Valve Adjustment:No Change,Valve at minimum position
OMLFEW72	6/23/2022 8:35	54.0	38.7	0.0	7.3	-1.19	-4.34	-37.82	68.9	N/A	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW99	6/2/2022 12:10	54.0	39.5	0.1	6.4	-0.45	-0.46	-45.23	69.7	11.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMLFEW99	6/20/2022 11:06	57.3	40.2	0.1	2.4	-0.45	-0.46	-43.88	73.4	11.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS01	6/7/2022 9:12	40.7	35.4	2.9	21.0	-0.19	-0.19	-40.77	73.5	4.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS01	6/23/2022 8:46	43.7	37.5	2.2	16.6	-0.12	-0.14	-37.93	78.2	5.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS02	6/7/2022 9:25	50.9	35.6	1.3	12.2	-0.19	-0.19	-40.63	71.0	4.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS02	6/23/2022 9:01	52.2	37.2	1.0	9.6	-0.11	-0.11	-37.80	74.2	4.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS03	6/7/2022 9:30	19.9	13.6	14.2	52.3	-0.18	-0.17	-40.87	62.0	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS03	6/23/2022 9:06	28.9	21.5	10.4	39.2	-0.05	-0.05	-37.51	76.3	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	6/1/2022 14:09	41.8	32.4	0.9	24.9	-0.05	-0.05	-39.76	73.6	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	6/22/2022 9:20	48.5	35.4	2.0	14.1	-0.08	-0.07	-36.36	81.6	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	6/1/2022 14:06	36.2	30.5	1.6	31.7	-36.76	-22.57	-19.97	74.0	17.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	6/22/2022 9:16	49.2	36.5	2.0	12.3	-17.93	-2.38	-15.52	82.1	13.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	6/1/2022 14:04	32.8	30.7	2.1	34.4	-0.03	-0.03	-39.93	77.5	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	6/22/2022 9:12	25.8	22.8	9.3	42.1	-0.05	-0.06	-36.53	81.9	0.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	6/1/2022 13:48	61.5	38.5	0.0	0.0	-0.05	-0.05	-39.04	71.4	0.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS07	6/22/2022 8:48	58.9	40.8	0.3	0.0	-0.13	-0.08	-23.07	82.4	0.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS08	6/1/2022 13:45	59.1	36.9	0.9	3.1	-0.01	-0.01	-40.57	70.8	0.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS08	6/22/2022 8:44	51.0	34.5	3.2	11.3	-0.08	-0.07	-36.16	84.1	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	6/1/2022 13:40	53.4	35.1	1.2	10.3	-0.05	-0.05	-40.41	70.5	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS09	6/22/2022 8:40	54.3	35.8	2.0	7.9	-0.11	-0.11	-36.44	81.8	0.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS10	6/1/2022 13:36	44.9	30.4	2.8	21.9	-0.05	-0.04	-32.94	70.3	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OMTLTS10	6/22/2022 8:35	49.6	32.8	2.7	14.9	-0.11	-0.11	-16.73	84.7	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	6/1/2022 13:24	25.6	18.7	8.8	46.9	-0.09	-0.09	-35.29	70.5	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	6/22/2022 8:27	51.0	34.8	1.8	12.4	-0.12	-0.12	-19.58	83.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	6/1/2022 13:19	25.1	21.1	7.5	46.3	-0.10	-0.09	-40.23	73.7	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	6/22/2022 8:23	27.4	20.0	9.8	42.8	-0.13	-0.12	-26.22	80.8	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	6/1/2022 13:09	21.8	22.8	8.2	47.2	-0.15	-0.16	-41.41	68.8	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	6/22/2022 8:17	20.3	21.4	6.9	51.4	-0.19	-0.17	-36.06	81.6	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	6/1/2022 12:59	18.3	22.4	5.1	54.2	-0.19	-0.20	-39.80	72.5	2.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	6/22/2022 8:13	21.1	23.4	6.5	49.0	-0.22	-0.15	-35.33	76.4	2.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	6/1/2022 12:56	8.9	9.1	14.1	67.9	-0.21	-0.21	-39.66	74.8	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	6/16/2022 13:10	13.2	12.9	10.6	63.3	-0.20	-0.19	-35.95	72.7	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS18	6/1/2022 12:32	49.4	37.4	0.2	13.0	-1.24	-1.28	-39.21	68.8	39.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OMTLTS18	6/16/2022 13:06	49.2	34.8	0.2	15.8	-1.17	-1.10	-35.98	71.7	38.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OMTLTS19	6/1/2022 12:28	50.9	36.1	3.0	10.0	-0.19	-0.19	-39.39	77.7	8.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS19	6/16/2022 12:59	52.3	36.5	2.4	8.8	-0.14	-0.16	-35.55	77.6	7.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS20	6/1/2022 12:24	29.4	25.9	4.6	40.1	-0.23	-0.02	-41.77	78.3	15.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS20	6/16/2022 12:54	32.9	27.4	2.8	36.9	-0.14	-0.18	-38.04	80.0	14.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW133B	6/7/2022 10:10	17.0	22.4	3.9	56.7	-6.60	-6.45	-36.46	76.6	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW133B	6/23/2022 9:14	19.3	24.6	2.9	53.2	-4.81	-6.07	-32.41	77.8	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	6/7/2022 10:15	52.3	38.5	0.0	9.2	-8.03	-8.69	-40.18	77.4	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW134A	6/23/2022 9:18	53.7	40.3	0.0	6.0	-8.65	-9.08	-38.08	79.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW134B	6/7/2022 10:19	53.0	37.2	0.1	9.7	-27.95	-28.19	-39.00	74.0	98.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW134B	6/23/2022 9:24	54.4	39.7	0.4	5.5	-24.36	-24.74	-36.19	75.5	89.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW137B	6/1/2022 14:01	56.6	42.5	0.9	0.0	-36.11	-37.09	-36.76	84.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW137B	6/22/2022 9:06	56.2	43.4	0.4	0.0	-34.75	-34.91	-34.01	80.5	16.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	6/3/2022 9:56	54.4	38.3	0.2	7.1	-3.48	-3.49	-39.00	124.9	28.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	6/20/2022 11:28	55.8	39.2	0.0	5.0	-2.82	-2.83	-38.02	124.5	28.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	6/6/2022 11:29	56.3	39.5	0.0	4.2	-37.21	-37.11	-37.80	128.2	43.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	6/21/2022 9:32	55.8	41.4	0.0	2.8	-33.41	-33.49	-34.04	128.2	42.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	6/3/2022 11:24	58.0	39.2	0.1	2.7	-34.01	-33.67	-35.40	126.8	88.4	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	6/20/2022 11:50	58.5	40.1	0.1	1.3	-32.77	-32.89	-35.43	127.0	68.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	6/14/2022 13:02	58.3	41.7	0.0	0.0	-1.26	-1.24	-30.90	127.4	22.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	6/21/2022 9:47	57.0	43.0	0.0	0.0	-0.64	-0.66	-32.92	128.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1611	6/3/2022 12:46	46.9	32.0	4.0	17.1	-17.05	-17.06	-21.63	64.1	0.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1611	6/24/2022 10:01	43.2	33.6	4.9	18.3	-29.69	-29.30	-33.01	76.9	1.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1612	6/6/2022 11:21	53.9	38.7	0.0	7.4	-29.19	-29.11	-37.87	126.9	29.5	Valve Adjustment:Opened valve 1/2 turn or less

OXEW1612	6/21/2022 9:21	53.5	40.3	0.0	6.2	-26.05	-26.35	-34.44	127.5	17.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1613	6/6/2022 11:51	52.6	39.4	0.1	7.9	-159.67	-12.53	-160.06	127.6	227.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1613	6/21/2022 9:52	52.3	42.8	0.2	4.7	-11.19	-11.50	-33.80	128.1	45.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	6/6/2022 12:10	32.7	31.6	0.3	35.4	-42.70	-42.78	-1.21	121.4	347.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	6/21/2022 10:03	35.5	36.1	0.3	28.1	-40.25	-15.50	-36.25	122.9	336.2	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	6/6/2022 12:30	52.7	37.6	0.0	9.7	-12.29	-12.17	-20.59	115.8	21.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1616	6/21/2022 10:31	51.4	40.8	0.0	7.8	-11.18	-11.14	-18.39	116.9	18.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1617	6/13/2022 11:04	57.0	42.5	0.0	0.5	-1.03	-1.04	-29.86	129.5	10.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1617	6/27/2022 12:02	55.9	43.3	0.0	0.8	-1.55	-1.18	-41.12	130.9	16.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 10% open
OXEW1617	6/27/2022 12:03	56.2	43.1	0.0	0.7	-1.35	-1.31	-41.25	130.1	8.0	Valve Adjustment:No Change
OXEW1618	6/6/2022 11:46	52.0	38.8	0.2	9.0	-0.96	-0.97	-36.48	128.7	42.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1618	6/21/2022 9:59	53.2	43.2	0.1	3.5	-0.66	-0.63	-34.57	129.5	40.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1619	6/7/2022 9:50	58.8	41.1	0.1	0.0	-39.25	-39.20	-40.20	123.8	14.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1619	6/22/2022 11:11	58.5	41.4	0.1	0.0	-3.58	-34.22	-69.08	124.6	61.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1620	6/7/2022 9:56	54.3	39.6	0.0	6.1	-7.78	-7.78	-40.19	119.1	13.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1620	6/22/2022 11:07	55.9	40.3	0.0	3.8	-7.44	-7.45	-36.16	119.2	7.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1621	6/8/2022 11:40	43.4	37.0	0.0	19.6	-0.78	-0.78	-40.42	115.4	4.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	6/23/2022 12:55	44.4	38.4	0.0	17.2	-0.97	-0.75	-41.04	116.4	54.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	6/7/2022 9:45	49.7	36.8	3.8	9.7	-11.79	-11.77	-40.07	122.0	224.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	6/22/2022 11:17	53.8	39.9	2.2	4.1	-10.15	-10.16	-34.27	123.8	21.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1701	6/13/2022 13:26	60.3	39.7	0.0	0.0	-34.46	-34.60	-34.80	121.3	17.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1701	6/29/2022 10:03	59.9	38.2	0.2	1.7	-37.10	-37.63	-37.94	120.6	19.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1702	6/6/2022 13:10	59.9	40.0	0.1	0.0	-33.47	-33.46	-36.19	124.3	39.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1702	6/21/2022 11:29	58.2	41.7	0.1	0.0	-28.98	-28.72	-31.30	124.6	38.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1703	6/14/2022 11:14	57.6	40.5	0.0	1.9	-32.83	-31.15	-32.58	127.7	10.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1703	6/21/2022 11:07	57.2	42.7	0.1	0.0	-29.56	-28.53	-27.59	126.4	28.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1705	6/3/2022 12:37	57.4	39.3	0.5	2.8	-0.12	-0.13	-37.76	99.9	5.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1705	6/28/2022 10:14	56.7	41.2	0.3	1.8	-0.36	-0.47	-37.57	107.5	5.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1715	6/3/2022 9:11	56.4	40.5	0.0	3.1	-20.13	-21.83	-40.59	70.3	0.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1715	6/27/2022 11:00	0.0	0.0	21.9	78.1	-0.13	-0.14	-42.17	84.2	0.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 25% open
OXEW1715	6/27/2022 11:08	0.0	0.0	21.9	78.1	-0.17	-0.07	-42.19	85.6	0.4	Valve Adjustment:NSPS,Valve 20% open
OXEW1716	6/2/2022 9:29	56.8	42.0	0.0	1.2	-40.58	-40.17	-40.77	94.3	9.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1716	6/16/2022 10:12	56.8	41.3	0.0	1.9	-39.15	-39.19	-38.76	94.6	7.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1717	6/2/2022 10:22	52.8	39.0	0.3	7.9	-30.08	-29.96	-43.15	105.7	3.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1717	6/16/2022 10:27	52.6	37.3	0.3	9.8	-30.67	-30.68	-41.58	101.6	3.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1801	6/6/2022 12:16	55.4	37.7	1.4	5.5	-3.66	-3.66	-37.68	108.9	4.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open

OXEW1801	6/21/2022 10:09	54.3	40.9	1.4	3.4	-2.28	-2.26	-34.85	111.0	3.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1804	6/6/2022 11:40	57.8	41.2	0.0	1.0	-36.98	-37.10	-37.86	126.8	12.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1804	6/21/2022 9:41	56.5	43.5	0.0	0.0	-32.94	-33.64	-34.09	127.4	16.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXEW1805	6/14/2022 13:10	52.1	38.6	0.0	9.3	-26.03	-26.01	-36.81	120.8	19.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1805	6/21/2022 9:37	50.6	39.7	0.0	9.7	-24.36	-22.58	-34.63	120.8	19.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 55% open
OXEW1806	6/8/2022 11:58	49.3	38.9	0.0	11.8	-0.26	-0.24	-41.00	121.9	12.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1806	6/23/2022 12:23	50.1	39.0	0.0	10.9	-0.40	-0.22	-40.80	122.6	9.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1807	6/14/2022 12:44	58.6	40.1	0.4	0.9	-3.91	-2.04	-39.93	131.0	31.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 25% open
OXEW1807	6/14/2022 12:48	59.0	40.7	0.2	0.1	-1.69	-1.61	-37.55	130.4	22.9	Valve Adjustment:No Change
OXEW1807	6/28/2022 10:00	58.7	41.3	0.0	0.0	-0.78	-0.08	-39.74	131.8	26.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 20% open
OXEW1807	6/28/2022 10:06	58.7	41.2	0.1	0.0	-0.05	-0.05	-40.55	131.7	26.7	Valve Adjustment:NSPS,Valve 20% open
OXEW1808	6/14/2022 12:30	59.6	40.2	0.2	0.0	-35.91	-35.43	-35.77	82.5	4.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1808	6/28/2022 10:30	58.3	39.9	0.1	1.7	-36.80	-36.69	-36.69	78.6	6.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1809	6/3/2022 9:39	52.3	38.2	0.0	9.5	-31.80	-31.71	-36.02	111.9	49.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1809	6/28/2022 13:05	54.4	39.1	0.2	6.3	-31.93	-31.68	-35.79	111.2	49.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1810	6/2/2022 7:59	51.5	35.7	0.4	12.4	-24.08	-24.35	-40.93	64.8	3.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1810	6/16/2022 8:45	53.0	34.7	0.2	12.1	-23.38	-23.93	-39.85	67.9	3.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1811	6/9/2022 12:23	51.7	37.5	2.6	8.2	-5.53	-5.60	-34.13	98.6	6.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1811	6/21/2022 12:59	52.9	38.4	2.2	6.5	-3.84	-3.83	-31.48	116.2	6.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1812	6/7/2022 12:00	48.6	37.6	0.3	13.5	-22.20	-22.17	-41.26	125.1	34.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1812	6/28/2022 8:37	51.8	38.1	0.1	10.0	-20.15	-20.15	-40.89	125.2	35.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1813	6/6/2022 12:36	59.7	39.0	0.0	1.3	-38.64	-38.90	-38.42	115.6	11.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1813	6/21/2022 10:38	57.8	42.2	0.0	0.0	-31.46	-31.24	-31.51	116.8	11.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1815	6/9/2022 9:16	51.6	39.1	0.0	9.3	-8.46	-8.37	-40.90	126.2	25.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1815	6/23/2022 12:09	53.2	36.2	0.0	10.6	-10.54	-8.52	-42.08	126.4	31.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1815	6/30/2022 8:58	52.4	37.2	0.0	10.4	-8.87	-28.26	-42.23	125.8	29.4	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 70% open
OXEW1815	6/30/2022 11:40	49.9	38.5	0.1	11.5	-32.11	-20.64	-44.29	124.9	65.3	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 40% open
OXEW1816	6/6/2022 13:14	58.0	37.1	0.0	4.9	-19.64	-19.84	-37.14	117.3	103.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1816	6/21/2022 11:38	42.9	32.1	5.6	19.4	-17.39	-17.05	-32.88	118.1	98.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 95% open
OXEW1816	6/21/2022 11:40	43.7	32.2	4.9	19.2	-17.24	-17.03	-33.60	118.3	97.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW1817	6/14/2022 10:01	58.4	39.6	0.0	2.0	-36.27	-36.44	-36.38	109.6	9.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1817	6/29/2022 10:14	58.9	39.3	0.0	1.8	-37.65	-37.70	-38.19	110.2	7.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1821	6/2/2022 8:44	34.8	24.2	0.2	40.8	-0.12	-0.11	-41.38	54.5	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1821	6/16/2022 9:44	34.9	23.2	0.0	41.9	-0.05	-0.03	-39.53	65.4	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	6/2/2022 8:40	17.6	24.2	0.7	57.5	-0.12	-0.10	-41.19	55.0	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	6/16/2022 9:38	17.9	24.0	0.0	58.1	-0.09	-0.06	-39.62	67.5	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXEW1823	6/2/2022 8:36	13.4	23.5	0.1	63.0	-0.20	-0.17	-41.21	55.5	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1823	6/16/2022 9:33	13.5	22.1	0.2	64.2	-0.17	-0.13	-39.51	65.2	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1824	6/2/2022 8:07	50.9	31.1	4.8	13.2	-41.27	-41.18	-41.38	57.8	3.5	Valve Adjustment:Valve 100% open,Closed valve 1/2 turn or less
OXEW1824	6/16/2022 9:09	53.1	30.6	3.3	13.0	-39.52	-39.82	-39.31	67.7	2.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1825	6/2/2022 8:03	53.7	35.2	1.2	9.9	-0.65	-0.68	-41.01	54.9	1.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1825	6/16/2022 8:40	55.6	35.7	0.8	7.9	-0.65	-0.65	-39.84	60.8	1.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1826	6/7/2022 12:05	47.7	36.3	0.0	16.0	-3.23	-3.23	-40.39	81.2	2.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	6/23/2022 13:12	49.4	35.8	0.0	14.8	-3.01	-2.79	-40.74	88.1	2.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	6/1/2022 12:42	58.8	41.1	0.1	0.0	-40.95	-40.61	-41.04	80.6	4.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1901	6/22/2022 10:55	57.4	41.5	0.8	0.3	-36.77	-36.30	-36.38	92.9	2.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1902	6/14/2022 11:10	58.4	39.8	0.0	1.8	-35.55	-35.52	-36.60	82.0	12.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1902	6/21/2022 11:19	37.3	29.6	4.8	28.3	-32.66	-32.31	-32.68	96.7	3.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1904	6/14/2022 11:19	54.5	38.5	0.0	7.0	-12.83	-12.81	-38.68	118.9	41.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1904	6/21/2022 11:04	53.9	40.8	0.2	5.1	-11.23	-11.31	-32.99	119.4	39.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1908	6/3/2022 11:38	59.1	37.4	0.0	3.5	-30.74	-30.71	-34.46	113.4	22.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1909	6/14/2022 8:21	58.6	38.5	0.0	2.9	-35.92	-36.23	-36.30	79.6	7.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1909	6/27/2022 14:08	58.2	33.7	0.8	7.3	-34.54	-34.55	-34.01	81.7	12.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1910	6/3/2022 11:30	52.3	36.2	0.0	11.5	-29.28	-29.25	-38.25	115.1	8.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1910	6/28/2022 13:57	57.9	39.0	0.0	3.1	-28.30	-28.30	-37.13	115.3	14.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1911	6/6/2022 11:34	59.0	38.9	0.1	2.0	-36.56	-36.51	-39.72	129.4	9.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1911	6/21/2022 9:26	57.9	42.1	0.0	0.0	-32.92	-32.84	-36.78	129.8	9.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1912	6/3/2022 9:50	51.6	38.7	0.0	9.7	-21.65	-21.65	-40.17	123.7	40.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1912	6/20/2022 11:23	51.8	39.7	0.0	8.5	-22.14	-22.12	-40.44	124.3	40.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1912	6/30/2022 9:49	52.5	38.3	0.0	9.2	-22.31	-27.06	-42.11	123.5	41.0	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 50% open
OXEW1912	6/30/2022 12:21	52.7	40.4	0.0	6.9	-29.08	-26.66	-43.61	122.8	51.2	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 50% open
OXEW1913	6/7/2022 11:50	55.1	38.4	0.1	6.4	-24.10	-24.00	-41.02	94.3	26.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1913	6/28/2022 8:43	54.6	37.8	0.0	7.6	-23.69	-23.69	-40.77	94.2	26.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1914	6/9/2022 11:59	58.6	41.3	0.1	0.0	-35.08	-34.90	-34.79	101.7	10.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1914	6/21/2022 12:36	57.5	42.4	0.1	0.0	-32.47	-32.56	-32.85	105.8	4.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1915	6/2/2022 11:16	50.9	39.9	0.4	8.8	-28.94	-2.49	-43.95	71.6	36.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1915	6/17/2022 9:28	53.1	40.9	0.4	5.6	-1.43	-1.49	-44.63	69.7	5.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1916	6/2/2022 12:30	55.3	36.5	1.8	6.4	-41.14	-41.16	-41.23	66.8	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1916	6/17/2022 9:46	55.4	38.8	1.4	4.4	-42.34	-42.33	-42.66	58.1	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1917	6/3/2022 8:11	54.0	38.7	0.0	7.3	-34.12	-34.16	-40.84	72.3	3.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1917	6/17/2022 12:15	54.9	39.3	0.1	5.7	-34.93	-34.96	-41.98	74.0	3.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1918	6/2/2022 7:56	25.0	27.7	0.0	47.3	-0.01	-0.01	-41.21	55.6	0.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less

OXEW1918	6/16/2022 8:52	26.1	28.1	0.1	45.7	-0.01	-0.01	-39.85	66.5	0.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	6/2/2022 8:56	53.5	37.8	0.0	8.7	-0.13	-0.14	-40.91	60.2	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1919	6/16/2022 9:53	53.0	36.5	0.0	10.5	-0.22	-0.20	-39.72	70.7	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1920	6/2/2022 8:50	32.7	27.9	2.1	37.3	-0.01	-0.01	-41.52	55.5	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	6/16/2022 9:49	33.1	26.7	1.9	38.3	-0.11	-0.04	-39.51	68.1	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1921	6/2/2022 8:18	52.3	39.3	0.2	8.2	-38.22	-38.23	-41.83	52.2	28.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW1921	6/2/2022 8:21	52.3	39.5	0.2	8.0	-38.22	-38.22	-41.78	113.5	25.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW1921	6/16/2022 9:13	54.1	38.1	0.3	7.5	-37.12	-37.16	-40.25	114.0	26.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXEW2001	6/2/2022 12:50	46.1	39.3	0.0	14.6	-1.01	-1.01	-36.78	122.1	9.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2001	6/29/2022 8:42	45.4	37.3	0.0	17.3	-1.10	-1.10	-42.15	123.4	9.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2002	6/2/2022 11:36	51.1	40.1	0.1	8.7	-36.00	-35.94	-44.04	122.0	38.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2002	6/16/2022 11:54	51.1	38.4	0.1	10.4	-34.89	-34.54	-42.33	121.3	37.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 55% open
OXEW2003	6/2/2022 11:29	55.0	42.5	0.3	2.2	-43.17	-43.44	-43.59	118.2	3.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2003	6/16/2022 12:27	55.8	40.4	0.3	3.5	-37.37	-37.42	-36.97	117.7	3.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2004	6/2/2022 9:21	53.5	40.9	0.0	5.6	-36.53	-36.55	-44.23	129.8	57.6	Valve Adjustment:Valve 100% open,Closed valve 1/2 turn or less
OXEW2004	6/16/2022 10:16	53.6	39.9	0.0	6.5	-35.71	-35.61	-42.18	129.8	55.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2005	6/2/2022 9:13	53.9	42.0	0.0	4.1	-3.30	-3.30	-41.39	122.6	5.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2005	6/16/2022 10:06	54.4	41.2	0.0	4.4	-3.06	-3.07	-39.84	121.6	5.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2006	6/2/2022 8:31	8.0	16.4	3.7	71.9	-4.86	-4.38	-40.78	62.3	1.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2006	6/16/2022 9:27	10.7	17.7	0.8	70.8	-1.85	-1.83	-39.17	68.3	0.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2007	6/2/2022 8:26	58.4	40.4	0.1	1.1	-39.93	-39.94	-41.29	111.8	18.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2007	6/16/2022 9:20	58.1	39.6	0.1	2.2	-38.82	-38.86	-39.61	112.5	17.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2008	6/2/2022 9:04	62.2	36.0	0.3	1.5	-40.63	-40.67	-41.31	68.7	4.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2008	6/16/2022 10:01	61.1	34.2	0.3	4.4	-40.10	-40.11	-39.75	72.4	2.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2009	6/3/2022 8:20	56.4	42.0	0.1	1.5	-40.82	-40.78	-40.87	100.6	11.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2009	6/17/2022 10:51	54.4	41.2	1.0	3.4	-42.53	-42.25	-42.50	99.3	12.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2010	6/3/2022 8:15	57.7	40.6	0.0	1.7	-6.82	-6.98	-40.90	70.3	2.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2010	6/17/2022 10:59	57.7	42.1	0.0	0.2	-6.48	-6.51	-42.21	71.5	2.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2011	6/2/2022 12:38	51.7	40.7	0.0	7.6	-4.48	-4.49	-42.01	114.5	12.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2011	6/17/2022 9:53	51.8	40.1	0.0	8.1	-3.87	-3.83	-43.22	113.5	11.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2012	6/2/2022 11:50	53.6	41.6	0.0	4.8	-29.49	-29.51	-45.00	112.8	21.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2012	6/16/2022 11:35	54.7	38.5	0.0	6.8	-28.78	-29.00	-44.05	112.6	22.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2016	6/3/2022 11:18	57.9	39.5	0.2	2.4	-9.14	-5.74	-39.45	132.1	20.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 15% open
OXEW2016	6/3/2022 11:20	58.1	39.6	0.2	2.1	-5.23	-5.20	-39.04	130.3	12.3	Valve Adjustment:No Change
OXEW2016	6/28/2022 13:51	57.7	41.7	0.1	0.5	-0.97	-0.64	-38.65	130.6	13.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 5% open
OXEW2016	6/28/2022 13:51	57.6	41.9	0.5	0.0	-0.55	-0.54	-37.97	130.4	11.3	Valve Adjustment:No Change

OXEW2017	6/3/2022 11:00	55.2	38.9	1.4	4.5	-0.30	-0.29	-38.97	113.3	4.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2017	6/29/2022 10:53	56.7	39.2	0.6	3.5	-0.10	-0.07	-31.44	117.9	2.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2019	6/14/2022 8:32	58.8	38.7	0.0	2.5	-18.52	-18.57	-21.02	95.6	42.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2019	6/28/2022 13:26	59.0	36.9	0.1	4.0	-6.41	-6.41	-7.12	97.5	24.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2020	6/9/2022 9:59	58.4	41.6	0.0	0.0	1.30	-0.05	-39.59	124.3	3.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn to 1 turn
OXEW2020	6/9/2022 10:18	58.5	41.5	0.0	0.0	-0.13	-1.78	-39.71	127.5	5.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2020	6/17/2022 9:58	57.3	40.8	0.0	1.9	-5.17	-6.07	-41.62	130.1	9.1	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 20% open
OXEW2021	6/9/2022 10:57	41.2	31.5	5.2	22.1	-2.76	-2.23	-39.22	105.5	3.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 20% open
OXEW2021	6/9/2022 10:59	41.5	31.1	4.9	22.5	-2.07	-2.07	-39.21	104.1	1.8	Valve Adjustment:No Change,Valve 20% open
OXEW2021	6/23/2022 11:56	45.4	30.4	4.6	19.6	-0.92	-1.08	-41.02	98.4	5.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2022	6/13/2022 13:34	58.2	38.0	0.0	3.8	-36.77	-36.93	-38.90	126.2	36.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2022	6/23/2022 9:19	55.6	38.0	0.2	6.2	-36.65	-36.42	-50.97	125.8	17.3	Valve Adjustment:No Change,Valve 100% open
OXEW2023	6/3/2022 13:09	59.7	38.7	0.1	1.5	-30.53	-30.71	-32.79	123.6	32.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2023	6/28/2022 10:25	58.0	39.6	0.1	2.3	-34.94	-35.13	-37.35	124.0	30.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2024	6/14/2022 9:52	48.2	37.7	0.1	14.0	-8.93	-9.42	-39.19	112.8	63.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2024	6/24/2022 9:23	46.4	39.6	0.2	13.8	-9.90	-9.18	-40.45	112.9	63.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXEW2025	6/14/2022 9:34	60.7	37.8	0.0	1.5	-21.37	-21.33	-21.27	101.7	40.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2026	6/14/2022 9:26	58.5	39.0	0.0	2.5	-28.29	-28.38	-41.65	100.1	90.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2026	6/29/2022 10:37	53.9	32.6	0.4	13.1	-24.51	-24.47	-35.74	100.0	82.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2027	6/14/2022 12:17	61.2	38.3	0.1	0.4	-34.48	-34.55	-34.49	78.9	120.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2027	6/27/2022 14:01	58.5	34.0	0.1	7.4	-35.16	-34.94	-34.50	80.3	19.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2028	6/14/2022 9:20	48.7	33.7	3.6	14.0	-40.83	-40.82	-40.77	76.4	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2028	6/17/2022 10:58	55.1	37.1	1.2	6.6	-41.50	-41.56	-51.45	64.4	3.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2029	6/13/2022 11:21	54.5	38.8	0.2	6.5	-5.18	-5.24	-29.91	123.2	27.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2029	6/13/2022 11:25	58.1	40.1	0.1	1.7	-28.48	-28.59	-29.86	126.0	8.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2029	6/27/2022 11:46	51.6	39.0	0.3	9.1	-6.48	-6.45	-37.18	123.0	30.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2030	6/3/2022 12:32	59.1	38.0	0.1	2.8	-20.14	-20.16	-20.83	126.1	26.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2030	6/28/2022 10:17	56.8	41.8	0.0	1.4	-31.81	-31.80	-32.99	124.3	25.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2031	6/3/2022 11:43	54.5	37.4	0.1	8.0	-30.63	-30.64	-38.80	126.4	30.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2031	6/22/2022 12:35	53.0	38.6	0.2	8.2	-27.68	-27.68	-40.73	126.4	27.9	Valve Adjustment:No Change,Valve 100% open
OXEW2101	6/8/2022 11:53	51.1	38.3	0.0	10.6	-0.95	-0.96	-41.41	125.7	11.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2101	6/23/2022 12:45	51.4	39.8	0.0	8.8	-0.84	-0.83	-41.91	126.3	17.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2101	6/30/2022 9:18	51.4	39.9	0.0	8.7	-0.86	-3.48	-41.91	125.0	12.4	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 35% open
OXEW2101	6/30/2022 12:09	46.7	38.7	0.0	14.6	-5.47	-3.39	-42.46	125.0	43.6	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 20% open
OXEW2102	6/3/2022 12:42	59.5	38.1	0.0	2.4	-29.15	-29.56	-22.39	84.3	93.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2102	6/24/2022 9:30	57.7	41.3	0.1	0.9	-31.55	-31.35	-33.11	97.6	15.6	Valve Adjustment:No Change,Valve 100% open

OXEW2103	6/3/2022 12:54	48.6	33.1	1.7	16.6	-8.42	-8.14	-40.94	101.9	77.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2103	6/24/2022 9:28	47.4	38.5	1.6	12.5	-8.67	-8.42	-43.08	103.7	76.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2104	6/14/2022 9:47	57.1	40.5	0.0	2.4	-25.41	-25.44	-33.89	115.6	37.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2104	6/24/2022 9:19	55.0	42.1	0.1	2.8	-26.80	-26.83	-45.44	114.8	12.0	Valve Adjustment:No Change,Valve 100% open
OXEW2105	6/3/2022 11:35	52.4	35.5	0.1	12.0	-18.62	-18.57	-11.13	108.7	30.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW2106	6/3/2022 9:44	55.8	39.4	0.0	4.8	-26.38	-26.38	-9.34	116.2	18.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2106	6/20/2022 11:17	56.6	39.4	0.0	4.0	-25.91	-25.97	-2.34	117.6	17.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2107	6/2/2022 12:53	55.2	43.2	0.0	1.6	-35.62	-36.01	-37.31	120.5	35.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2107	6/17/2022 10:33	55.1	43.6	0.1	1.2	-36.92	-37.21	-36.82	120.2	4.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2108	6/2/2022 11:40	51.3	39.8	0.0	8.9	-14.40	-14.42	-39.43	127.2	24.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2108	6/16/2022 11:44	52.2	38.2	0.0	9.6	-13.10	-13.21	-42.53	127.3	25.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2109	6/2/2022 12:41	36.4	36.9	0.0	26.7	-11.75	-11.56	-43.36	87.3	3.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2109	6/17/2022 9:57	36.0	36.4	0.0	27.6	-10.54	-10.53	-2.37	80.9	3.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2109	6/22/2022 13:06	37.4	37.0	0.1	25.5	-8.71	-8.29	-35.94	93.0	2.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2110	6/3/2022 12:59	59.9	38.5	0.0	1.6	-35.00	-35.02	-35.59	106.7	11.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2110	6/28/2022 10:21	58.7	40.0	0.0	1.3	-35.17	-35.24	-35.78	108.4	7.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2111	6/6/2022 9:40	50.4	40.1	0.0	9.5	-9.38	-8.45	-38.71	95.0	94.4	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 70% open
OXEW2111	6/17/2022 9:38	52.7	35.9	0.1	11.3	-7.84	-7.88	-39.96	97.4	87.8	Valve Adjustment:No Change,Valve 70% open
OXEW2112	6/14/2022 8:48	56.4	38.1	0.0	5.5	-34.62	-34.60	-41.42	99.3	5.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2112	6/27/2022 14:20	55.5	35.3	0.1	9.1	-35.14	-35.19	-41.03	97.4	4.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2113	6/14/2022 9:06	47.7	39.0	0.3	13.0	-29.74	-29.96	-41.12	116.0	75.8	Valve Adjustment:Valve 100% open,Closed valve 1/2 turn or less
OXEW2113	6/27/2022 14:14	54.3	35.6	0.8	9.3	-29.69	-29.71	-40.23	116.7	74.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXEWHC6A**	6/2/2022 10:44	2.7	11.7	11.4	74.2	-0.16	-0.16	-42.91	69.5	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEWHC6A**	6/2/2022 10:48	2.7	11.6	11.4	74.3	-0.31	-0.31	-43.59	70.1	0.1	Valve Adjustment:NSPS
OXEWHC6A**	6/17/2022 9:19	2.0	13.0	9.7	75.3	-0.16	-0.16	-44.10	58.9	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXHC1922	6/3/2022 10:02	47.1	35.0	2.3	15.6	-0.44	-0.43	-37.73	73.7	8.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXHC1922	6/28/2022 12:26	53.2	37.4	1.1	8.3	-0.36	-0.35	-37.76	102.0	13.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXHC2000	6/14/2022 10:49	59.5	39.2	0.2	1.1	-42.97	-41.27	-34.15	80.3	54.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2000	6/17/2022 11:14	57.8	40.6	0.2	1.4	-36.62	-36.02	-52.42	76.4	56.1	Valve Adjustment:No Change,Valve 100% open
OXHC2001	6/14/2022 10:26	58.3	40.5	0.0	1.2	-0.70	-0.66	-38.06	94.8	21.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXHC2001	6/17/2022 11:11	59.1	37.3	0.2	3.4	-0.18	-0.53	-53.82	81.5	20.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXHC2001	6/22/2022 12:59	57.8	40.1	0.3	1.8	-0.09	-0.54	-35.80	110.9	22.3	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 35% open
OXHC2013	6/3/2022 9:06	44.3	35.0	0.1	20.6	-8.12	-4.42	-40.19	66.8	20.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXHC2013	6/17/2022 12:37	58.3	40.4	0.0	1.3	-3.79	-4.06	-41.61	86.5	12.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXHC2013	6/27/2022 11:23	58.9	40.8	0.2	0.1	-3.08	-1.17	-41.55	89.6	11.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXHC2014	6/14/2022 8:40	58.4	38.7	0.0	2.9	-0.93	-1.15	-41.15	81.0	44.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open

OXHC2014	6/27/2022 14:24	56.5	36.9	0.1	6.5	-1.40	-1.30	-42.00	83.5	32.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXHC2015	6/2/2022 10:00	54.4	39.4	0.0	6.2	-0.85	-0.85	-46.62	73.5	25.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXHC2015	6/16/2022 8:15	57.8	38.2	0.0	4.0	-0.38	-0.39	-44.84	62.5	25.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXHC2101	6/14/2022 10:12	48.2	36.7	0.3	14.8	-0.16	-0.15	-38.61	94.5	5.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXHC2101	6/17/2022 10:46	48.9	38.7	0.4	12.0	-0.14	-0.14	-53.32	91.7	9.9	Valve Adjustment:No Change,Valve 10% open
OXHC2101	6/22/2022 12:54	47.4	40.6	0.4	11.6	-0.11	-0.12	-34.05	95.9	10.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXLCR4A1	6/2/2022 10:03	58.1	40.4	0.0	1.5	-15.64	-20.47	-46.81	65.1	24.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXLCR4A1	6/16/2022 8:18	59.0	38.3	0.0	2.7	-9.88	-12.27	-44.61	61.9	31.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCR4B1	6/2/2022 10:06	55.4	39.9	0.9	3.8	-1.55	-0.60	-46.15	69.0	11.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCR4B1	6/16/2022 8:21	56.8	37.7	0.8	4.7	-0.56	-0.66	-44.13	59.4	5.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS07	6/14/2022 10:37	51.1	33.1	3.3	12.5	-42.78	-43.22	-15.64	85.0	335.3	Valve Adjustment:Valve 100% open,Closed valve 1/2 turn or less
OXLCRS07	6/17/2022 11:05	50.3	33.8	3.0	12.9	-13.26	-11.32	-52.93	83.9	129.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXLCRS10	6/14/2022 10:16	57.9	40.0	0.0	2.1	-1.06	-1.01	-41.00	82.4	16.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCRS10	6/17/2022 10:52	58.9	40.5	0.0	0.6	-0.62	-0.78	-54.43	82.5	15.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXLCRS10	6/22/2022 12:50	57.7	42.2	0.1	0.0	-0.14	-0.61	-34.39	85.8	15.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXLCRS11	6/14/2022 10:19	56.5	40.5	0.1	2.9	-1.29	-1.30	-43.16	84.8	19.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXLCRS11	6/17/2022 10:49	54.7	39.7	0.1	5.5	-1.35	-1.54	-53.82	84.7	18.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXLCRS11	6/22/2022 12:48	55.6	41.2	0.1	3.1	-1.13	-1.56	-35.82	86.0	20.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXLCRS3A	6/1/2022 13:58	57.8	42.2	0.0	0.0	-28.43	-30.33	-37.80	95.0	147.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS3A	6/22/2022 9:00	56.8	43.2	0.0	0.0	-29.85	-29.97	-34.38	95.8	128.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS3B	6/1/2022 13:55	58.1	41.9	0.0	0.0	-3.58	-31.25	-63.07	96.1	80.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS3B	6/22/2022 8:56	57.1	42.9	0.0	0.0	-31.82	-30.53	-35.85	96.0	107.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS7B	6/15/2022 9:46	51.8	34.6	3.3	10.3	-15.17	-10.20	-31.86	85.8	21.9	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 90% open
OXLCRS7B	6/17/2022 11:07	50.6	34.3	3.1	12.0	-12.55	-11.65	-51.01	85.2	42.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXLCRS9A	6/14/2022 8:53	40.2	57.1	0.0	2.7	-33.08	-33.06	-40.17	73.8	12.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS9A	6/27/2022 14:27	56.5	39.0	0.4	4.1	-35.11	-34.91	-39.69	76.6	10.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS9B	6/6/2022 12:25	20.4	64.6	0.4	14.6	-0.05	-0.05	-40.35	70.4	10.3	Valve Adjustment:No Change,Valve at minimum position
OXLCRS9B	6/14/2022 8:59	21.7	70.9	0.1	7.3	-40.74	-40.64	-1.34	72.7	109.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS9B	6/28/2022 12:33	33.8	62.0	0.2	4.0	-1.16	-7.14	-40.99	74.4	20.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXME302D	6/3/2022 13:52	58.5	35.5	0.1	5.9	-13.04	-13.06	-37.04	119.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXME302D	6/23/2022 12:04	60.8	39.2	0.0	0.0	-14.87	-14.98	-41.31	119.7	56.7	Valve Adjustment:Opened valve 1/2 turn or less
OXME306D	6/13/2022 13:09	59.0	41.0	0.0	0.0	-37.80	-37.84	-38.61	127.0	18.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME306D	6/23/2022 11:24	59.0	39.9	0.0	1.1	-39.86	-39.53	-40.87	127.5	16.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME312D	6/13/2022 11:14	55.5	39.2	0.0	5.3	-0.46	-0.47	-29.96	92.5	7.6	Valve Adjustment:Opened valve 1/2 turn or less
OXME312D	6/27/2022 11:53	55.1	39.1	0.0	5.8	-0.94	-0.93	-40.50	96.6	17.9	Valve Adjustment:Opened valve 1/2 turn or less
OXME316D	6/9/2022 12:11	57.7	40.2	0.9	1.2	-29.51	-29.43	-31.25	126.3	23.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less

OXME316D	6/21/2022 12:49	58.2	40.7	0.8	0.3	-27.40	-27.41	-29.34	126.4	23.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME317D	6/9/2022 12:18	58.2	41.7	0.1	0.0	-33.47	-33.52	-33.40	85.1	25.1	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	6/21/2022 12:56	58.6	41.3	0.1	0.0	-30.98	-30.84	-31.12	95.1	7.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	6/15/2022 9:22	49.7	38.9	1.2	10.2	-12.81	-12.42	-44.13	76.3	68.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW113	6/23/2022 9:30	51.0	38.4	1.7	8.9	-0.55	-1.43	-14.58	78.8	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	6/1/2022 13:05	60.3	39.4	0.3	0.0	-41.12	-40.87	-40.93	93.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	6/22/2022 9:43	59.3	40.3	0.3	0.1	-38.13	-38.05	-37.46	80.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW126	6/7/2022 8:52	59.9	40.0	0.0	0.1	-39.34	-39.71	-39.76	71.9	45.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW126	6/23/2022 8:30	58.4	41.6	0.0	0.0	-36.69	-36.72	-36.66	75.5	19.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXMEW138	6/1/2022 13:51	56.5	40.9	0.0	2.6	-1.31	-1.29	-37.38	78.2	3.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW138	6/22/2022 8:51	56.5	42.2	0.0	1.3	-1.04	-1.34	-33.89	78.9	3.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW145	6/7/2022 9:20	54.3	39.3	0.2	6.2	-39.57	-39.59	-40.43	98.5	25.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW145	6/23/2022 8:56	54.6	40.0	0.1	5.3	-36.15	-36.16	-36.99	99.5	24.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW156	6/2/2022 10:30	53.7	42.1	0.3	3.9	-27.90	-28.15	-44.27	69.2	7.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW156	6/17/2022 9:16	55.5	41.1	0.3	3.1	-28.13	-28.13	-44.06	69.5	6.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW158	6/7/2022 8:29	52.5	42.3	0.0	5.2	-29.16	-28.94	-40.89	66.9	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW158	6/23/2022 8:20	52.9	43.1	0.0	4.0	-27.10	-32.56	-38.31	71.4	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW159	6/7/2022 8:33	52.2	41.7	0.0	6.1	-18.27	-17.25	-40.97	69.1	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW159	6/23/2022 8:24	53.5	42.5	0.0	4.0	-17.93	-18.36	-37.91	72.5	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW162	6/1/2022 13:30	46.3	24.8	6.6	22.3	-39.47	-39.33	-40.61	72.9	0.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXMEW162	6/1/2022 13:33	47.4	25.2	6.5	20.9	-39.34	-39.32	-40.23	72.7	22.2	Valve Adjustment:NSPS,Closed valve 1/2 turn or less
OXMEW162	6/6/2022 12:38	50.3	29.7	4.3	15.7	-35.35	-35.04	-40.02	71.1	2.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW162	6/22/2022 8:31	54.4	29.5	3.4	12.7	-5.01	-5.09	-36.00	85.8	1.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	6/2/2022 8:12	41.0	29.9	0.4	28.7	-39.91	-39.93	-41.21	57.1	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW170	6/16/2022 9:01	40.3	30.2	0.1	29.4	-38.82	-38.82	-39.85	65.3	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW173	6/2/2022 9:25	43.5	37.1	0.8	18.6	-2.44	-2.44	-43.76	95.1	8.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	6/16/2022 8:33	46.9	36.0	0.7	16.4	-2.32	-2.31	-41.67	94.0	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW174	6/2/2022 10:26	52.2	39.6	1.5	6.7	-0.04	-0.04	-43.59	62.1	2.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW174	6/17/2022 9:35	56.4	42.7	0.0	0.9	0.05	-0.04	-44.73	58.8	1.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXMEW174	6/17/2022 9:37	56.6	43.0	0.0	0.4	-0.12	-0.11	-44.34	61.3	3.8	Valve Adjustment:No Change,Valve at minimum position
OXMEW175	6/2/2022 11:11	42.0	38.2	0.1	19.7	-7.97	-7.79	-43.81	77.9	4.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	6/17/2022 9:22	41.4	38.5	0.0	20.1	-7.00	-6.41	-44.65	75.6	3.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW176	6/15/2022 8:45	55.2	38.8	0.3	5.7	-12.14	-12.14	-40.40	111.2	36.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW176	6/29/2022 9:07	57.2	37.6	0.1	5.1	-11.74	-11.76	-41.17	111.0	31.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	6/7/2022 11:56	53.0	40.4	0.0	6.6	-20.27	-21.12	-40.75	113.7	40.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	6/28/2022 8:33	55.3	41.5	0.0	3.2	-18.78	-19.13	-40.98	114.0	47.9	Valve Adjustment:Opened valve 1/2 turn or less

OXMEW182	6/13/2022 10:40	55.9	39.8	0.1	4.2	-26.32	-26.29	-28.27	120.4	13.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW182	6/21/2022 13:09	54.3	40.7	0.0	5.0	-29.09	-29.09	-31.48	120.5	8.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW183	6/8/2022 9:20	48.3	36.1	0.1	15.5	-7.17	-7.14	-38.08	117.6	47.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW183	6/24/2022 12:03	49.4	40.2	0.0	10.4	-7.68	-7.35	-39.51	117.5	52.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	6/8/2022 11:25	44.2	34.3	0.1	21.4	-0.78	-0.80	-40.93	118.9	27.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	6/24/2022 11:37	46.1	37.3	0.1	16.5	-0.83	-0.75	-41.51	119.5	27.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	6/8/2022 11:31	55.4	38.8	0.4	5.4	-0.29	-0.02	-96.71	96.3	148.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	6/24/2022 11:27	0.1	0.1	22.3	77.5	-2.60	1.06	-74.02	80.5	151.5	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXMEW185	6/24/2022 11:31	0.1	0.0	22.3	77.6	1.02	1.01	-42.26	80.4	0.0	Valve Adjustment:NSPS,Closed valve 1/2 turn or less
OXMEW185	6/24/2022 12:26	40.2	30.9	5.4	23.5	-2.26	-0.18	-73.91	87.3	143.7	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXMEW185	6/24/2022 12:28	40.2	30.7	4.8	24.3	-0.22	-0.21	-42.19	88.2	12.5	Valve Adjustment:No Change
OXMEW186	6/13/2022 11:00	54.8	41.9	1.0	2.3	-0.17	-0.14	-30.12	74.2	5.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW186	6/27/2022 12:09	52.9	42.9	1.1	3.1	-0.22	-0.21	-40.53	79.0	1.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW186	6/30/2022 10:41	53.8	41.3	1.2	3.7	-0.28	-0.72	-41.42	63.9	1.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW186	6/30/2022 12:39	55.2	44.4	0.4	0.0	-0.68	-0.76	-41.12	105.3	2.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMEW187	6/8/2022 8:45	53.2	39.5	0.0	7.3	-0.56	-0.58	-39.61	105.7	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW187	6/24/2022 11:45	53.5	41.8	0.0	4.7	-0.55	-0.48	-41.74	106.9	19.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW188	6/3/2022 13:05	55.9	35.8	1.6	6.7	-34.41	-35.01	-34.57	64.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXMEW188	6/23/2022 12:51	57.0	39.7	0.0	3.3	-1.17	-0.93	-39.59	110.3	38.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW189	6/8/2022 11:47	57.2	38.8	0.2	3.8	-3.13	-3.08	-39.89	124.6	30.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW189	6/23/2022 12:39	58.1	39.7	0.2	2.0	-4.04	-3.06	-40.61	124.9	74.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW190	6/15/2022 8:44	53.2	36.2	0.3	10.3	-9.34	-9.70	-48.36	125.9	23.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXMEW190	6/17/2022 9:49	54.0	37.3	0.2	8.5	-10.65	-10.78	-39.81	125.6	26.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXMEW191	6/2/2022 9:35	48.5	39.3	0.0	12.2	-4.56	-4.56	-43.87	122.9	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW191	6/16/2022 10:22	48.3	38.5	0.0	13.2	-4.17	-4.16	-41.41	122.5	25.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	6/2/2022 11:55	50.2	35.9	0.3	13.6	-2.50	-2.50	-44.87	67.1	2.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	6/16/2022 11:28	54.1	35.9	0.2	9.8	-1.90	-1.88	-41.86	68.8	1.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW194	6/7/2022 12:13	55.9	40.8	0.3	3.0	-39.40	-39.41	-40.43	86.6	16.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW194	6/23/2022 13:07	55.6	39.8	0.4	4.2	-39.34	-39.16	-40.51	88.0	39.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	6/13/2022 10:45	51.8	38.9	0.0	9.3	-6.18	-6.10	-28.01	94.3	6.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	6/21/2022 13:13	50.2	38.6	0.1	11.1	-6.78	-6.77	-31.52	103.8	8.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	6/13/2022 10:54	54.0	39.0	0.0	7.0	-6.83	-6.69	-29.30	123.3	44.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW199	6/27/2022 12:13	52.7	40.9	0.0	6.4	-7.78	-8.12	-39.92	124.1	49.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	6/8/2022 8:38	56.5	40.8	0.0	2.7	-0.22	-0.23	-41.00	113.4	8.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	6/24/2022 11:49	56.7	43.2	0.0	0.1	-0.05	-0.01	-42.17	113.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW201	6/8/2022 11:36	54.1	37.5	0.0	8.4	-0.38	-0.36	-40.46	104.4	7.9	Valve Adjustment:Opened valve 1/2 turn or less

OXMEW201	6/24/2022 11:05	54.9	40.5	0.0	4.6	-0.39	-0.22	-42.19	106.1	15.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW203	6/7/2022 9:35	63.0	36.0	0.1	0.9	-0.71	-0.81	-40.46	71.7	5.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW203	6/22/2022 11:23	62.6	37.2	0.2	0.0	-3.54	-4.23	-35.76	85.2	4.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW204	6/7/2022 9:40	60.1	39.7	0.0	0.2	-1.13	-1.22	-38.77	75.8	2.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW204	6/22/2022 9:25	57.8	42.2	0.0	0.0	-0.44	-0.46	-35.35	90.4	34.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW205	6/9/2022 8:47	56.3	43.3	0.1	0.3	-0.02	-0.01	-40.70	124.8	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW205	6/24/2022 9:35	55.2	44.8	0.0	0.0	0.11	-0.03	-42.05	107.0	0.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 5% open
OXMEW205	6/24/2022 9:37	55.5	44.5	0.0	0.0	-0.14	-0.13	-42.02	125.9	0.0	Valve Adjustment:No Change
OXMEW209	6/9/2022 10:46	56.4	43.5	0.1	0.0	-3.60	-2.26	-39.22	134.6	12.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 20% open
OXMEW209	6/9/2022 10:48	57.4	42.5	0.1	0.0	-2.09	-2.09	-40.14	129.9	2.5	Valve Adjustment:No Change,Valve 20% open
OXMEW209	6/17/2022 10:37	56.7	40.2	0.0	3.1	-0.05	-0.15	-41.75	113.6	4.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW210	6/13/2022 13:02	57.6	38.2	0.1	4.1	-35.35	-35.47	-38.32	124.7	31.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW210	6/23/2022 11:33	53.3	37.3	0.0	9.4	-3.58	-37.31	-68.10	124.7	41.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW300	6/9/2022 9:37	53.5	35.9	2.1	8.5	-37.76	-37.83	-39.21	103.7	17.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW300	6/23/2022 11:50	55.9	34.0	1.6	8.5	-39.19	-38.74	-40.93	104.8	6.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW302	6/3/2022 13:54	48.4	35.0	0.0	16.6	-4.57	-4.57	-37.70	107.3	1.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	6/23/2022 12:00	49.7	34.9	0.0	15.4	-5.78	-4.95	-41.21	110.6	67.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW303	6/13/2022 12:57	66.1	30.1	0.9	2.9	-39.83	-39.84	-39.71	72.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW303	6/23/2022 11:08	63.9	29.2	0.8	6.1	-41.89	-42.08	-42.38	78.1	11.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW306	6/13/2022 13:06	56.2	38.7	0.0	5.1	-1.54	-1.54	-39.07	111.1	10.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW306	6/23/2022 11:29	47.5	36.8	0.0	15.7	-2.02	-1.97	-40.83	112.2	16.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	6/7/2022 9:16	58.4	39.3	0.7	1.6	-40.23	-40.28	-40.08	82.9	3.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW307	6/23/2022 8:51	58.0	41.0	0.5	0.5	-37.43	-37.45	-37.22	87.6	3.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW309	6/9/2022 8:58	50.5	39.7	0.2	9.6	-23.61	-23.66	-40.81	127.4	46.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	6/23/2022 12:16	50.7	36.5	0.2	12.6	-23.59	-23.33	-40.83	127.7	52.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	6/6/2022 12:20	51.7	38.0	0.0	10.3	-11.87	-11.88	-37.97	118.1	220.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	6/21/2022 10:13	52.4	41.8	0.0	5.8	-9.81	-10.09	-34.18	119.1	208.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	6/1/2022 12:46	52.3	38.3	0.0	9.4	-22.26	-22.25	-40.21	119.7	26.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	6/22/2022 11:01	52.1	39.1	0.1	8.7	-20.63	-20.63	-36.07	119.8	26.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	6/13/2022 11:11	54.8	40.1	0.0	5.1	-2.54	-2.53	-29.73	98.7	33.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	6/27/2022 11:50	52.5	38.8	0.0	8.7	-3.91	-3.27	-64.92	101.3	147.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	6/13/2022 11:31	58.4	39.8	0.0	1.8	-28.22	-28.01	-28.75	122.0	19.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW315	6/13/2022 13:22	58.5	39.8	0.0	1.7	-38.68	-38.73	-37.86	122.1	31.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW315	6/28/2022 9:44	58.7	39.7	0.1	1.5	-39.12	-38.46	-40.13	122.3	23.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW316	6/9/2022 12:08	59.9	40.1	0.0	0.0	-31.47	-31.64	-32.67	112.9	7.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	6/21/2022 12:46	60.0	40.0	0.0	0.0	-29.45	-29.45	-30.99	115.4	9.4	Valve Adjustment:Opened valve 1/2 turn or less

OXMEW317	6/9/2022 12:15	60.1	39.8	0.1	0.0	-32.99	-33.17	-33.12	106.7	16.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	6/21/2022 12:53	59.7	40.2	0.1	0.0	-30.95	-30.99	-31.15	107.4	14.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	6/9/2022 12:27	49.6	37.6	0.0	12.8	-2.24	-2.23	-33.55	110.7	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW318	6/21/2022 13:04	50.8	37.5	0.0	11.7	-1.92	-1.89	-31.41	112.0	11.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	6/15/2022 9:04	53.5	34.6	0.1	11.8	-11.35	-11.47	-50.50	108.7	14.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW319	6/29/2022 9:34	54.3	38.5	0.1	7.1	-11.46	-11.49	-40.93	107.3	52.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	6/6/2022 12:42	59.6	39.7	0.0	0.7	-38.90	-38.97	-38.66	124.7	14.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	6/21/2022 10:44	57.8	41.7	0.1	0.4	-31.12	-31.75	-31.20	125.1	13.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW322	6/9/2022 12:04	55.8	38.7	0.1	5.4	-34.35	-34.35	-34.79	119.2	18.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW322	6/21/2022 12:42	56.6	40.3	0.0	3.1	-31.96	-31.87	-32.62	119.4	18.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW323	6/6/2022 11:15	59.7	40.2	0.1	0.0	-36.56	-36.78	-36.50	114.9	14.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW323	6/21/2022 9:16	58.0	41.9	0.1	0.0	-33.95	-34.00	-33.77	116.3	12.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	6/3/2022 10:07	59.1	40.3	0.0	0.6	-26.02	-26.90	-33.22	106.3	7.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	6/20/2022 11:40	59.2	40.8	0.0	0.0	-26.54	-26.64	-33.96	119.9	18.4	Valve Adjustment:Opened valve 1/2 turn or less;Well Comment:HALF OF THE VALVE IS BROKEN;Well Condition:Valve needs replacment; Well Repairs:Valve
OXMEWHC1	6/7/2022 9:08	55.0	41.6	0.7	2.7	-41.09	-41.00	-41.12	59.0	N/A	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	6/23/2022 8:42	55.5	42.9	0.1	1.5	-37.86	-37.89	-37.81	64.2	N/A	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW05	6/3/2022 8:25	55.8	42.3	0.0	1.9	-42.52	-42.39	-42.29	111.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW05	6/17/2022 12:06	56.8	42.1	0.1	1.0	-44.85	-45.01	-44.36	111.0	27.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW06	6/3/2022 8:31	55.1	42.7	0.0	2.2	-42.68	-42.73	-42.74	94.2	17.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW06	6/17/2022 12:01	56.1	43.8	0.1	0.0	-45.20	-44.79	-44.90	93.6	15.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW08	6/2/2022 11:45	56.2	43.5	0.1	0.2	-1.11	-1.06	-24.41	90.7	5.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEWW08	6/16/2022 11:49	49.1	36.6	1.7	12.6	-3.19	-0.74	-41.13	90.1	4.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXMEWW17	6/3/2022 9:00	53.0	39.7	0.6	6.7	-36.19	-36.18	-36.23	61.0	5.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW17	6/17/2022 12:31	56.8	43.0	0.1	0.1	-37.55	-37.59	-37.46	66.9	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW18	6/3/2022 9:25	57.4	41.4	0.1	1.1	-38.88	-38.56	-40.29	69.5	6.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW18	6/17/2022 12:56	58.4	41.3	0.3	0.0	-40.51	-40.68	-41.61	73.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1G	6/8/2022 9:36	50.5	37.7	0.0	11.8	-13.87	-13.82	-41.98	75.2	6.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1G	6/17/2022 11:03	51.4	41.5	0.0	7.1	-13.58	-13.64	-42.29	74.5	6.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1I	6/1/2022 11:49	60.4	39.6	0.0	0.0	0.35	-0.07	-41.38	69.4	0.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1I	6/1/2022 11:51	61.2	38.8	0.0	0.0	-0.33	-0.34	-41.46	69.9	0.1	Valve Adjustment:No Change,Valve at minimum position
OXMEWW1I	6/17/2022 11:11	59.9	40.1	0.0	0.0	-2.01	-3.62	-42.46	66.4	0.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1J	6/1/2022 11:55	50.7	38.9	0.4	10.0	-6.78	-6.81	-41.46	80.4	7.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1J	6/17/2022 11:15	51.2	40.4	0.2	8.2	-6.48	-6.43	-42.90	79.8	7.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1K	6/1/2022 11:59	53.0	41.1	0.0	5.9	-43.27	-43.54	-43.47	71.2	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1K	6/17/2022 11:19	50.2	40.9	0.1	8.8	-45.21	-45.32	-45.49	72.4	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1S	6/3/2022 8:49	55.6	40.1	0.0	4.3	-35.18	-35.21	-36.25	66.1	26.8	Valve Adjustment:Opened valve 1/2 turn or less

OXMEWW1S	6/17/2022 12:21	57.1	40.4	0.0	2.5	-36.39	-36.43	-37.44	68.0	26.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	6/15/2022 8:17	55.1	40.8	0.3	3.8	-40.91	-40.60	-43.44	95.0	14.6	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	6/17/2022 11:29	56.1	33.7	0.3	9.9	-43.81	-43.87	-44.08	72.0	13.1	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	6/8/2022 12:34	55.0	40.8	0.8	3.4	-43.05	-43.01	-43.76	80.2	2.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF04	6/17/2022 11:32	50.8	42.1	1.3	5.8	-43.78	-43.79	-44.27	65.0	7.2	Valve Adjustment:No Change
OXMPEW30	6/2/2022 12:34	57.9	41.6	0.1	0.4	-43.15	-43.10	-43.25	70.7	4.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW30	6/17/2022 9:50	57.2	40.5	0.1	2.2	-44.17	-44.29	-44.08	57.6	4.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW31	6/3/2022 8:07	57.2	41.0	0.0	1.8	-42.62	-42.44	-42.87	62.3	5.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW31	6/17/2022 10:41	56.7	43.2	0.0	0.1	-53.15	-44.37	-44.52	65.7	69.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW32	6/2/2022 11:20	41.8	37.7	0.0	20.5	-43.19	-43.27	-43.76	79.3	12.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXMPEW32	6/17/2022 9:31	41.9	38.2	0.0	19.9	-43.25	-43.00	-44.67	77.5	22.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXMPEW33	6/2/2022 12:01	50.5	39.3	0.0	10.2	-6.67	-6.63	-44.50	85.6	12.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMPEW33	6/16/2022 11:39	51.8	37.7	0.0	10.5	-6.34	-6.33	-42.91	85.7	12.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMPEW35	6/2/2022 12:45	50.5	41.6	0.1	7.8	-30.84	-31.13	-39.55	127.5	21.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW35	6/17/2022 10:01	50.4	41.2	0.0	8.4	-31.85	-31.52	-42.36	126.8	22.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW44	6/3/2022 8:54	57.2	42.1	0.0	0.7	-36.19	-36.24	-36.11	67.8	4.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW44	6/17/2022 12:26	58.3	41.7	0.0	0.0	-37.49	-37.55	-37.46	74.9	5.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXSS2034	6/30/2022 10:19	58.0	42.0	0.0	0.0	2.83	2.87	-41.48	56.7	0.6	No Change,Valve at minimum position
OXSS2034	6/30/2022 10:26	58.1	41.4	0.0	0.5	4.09	2.09	-42.78	57.0	1.0	Opened valve 1/2 turn or less
OXSS2034	6/30/2022 11:54	57.5	42.4	0.1	0.0	-0.92	-0.94	-42.58	60.8	3.0	No Change,Valve at minimum position
OXSS2034	6/30/2022 13:32	57.6	42.0	0.2	0.2	-5.51	-5.49	-41.93	63.5	9.3	No Change,Valve at minimum position

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_4 = Methane

CO_2 = Carbon Dioxide

O_2 = 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, ~~OXLCRS01~~, OXLCRS4A, OXLCRS4B, ~~OXLCRS05~~, ~~OXLCRS06~~, OXLCRS07, ~~OXMEWHC6~~, ~~OXMTBTC1~~, OXMEWW17, and ~~OXMHCF06~~.

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, ~~OXLCRS01~~, OXLCRS4A, OXLCRS4B, ~~OXLCRS05, OXLCRS06~~, and OXLCRS07.

*Wells that have been decommissioned are noted with a strikethrough.

OX MOUNTAIN LANDFILL
Wellfield Monitoring Report - July 1, 5, 6, 7, 8, 11, 12, 13, 15, 18, 19, 20, 22, 25, 26, 27, 28, and 29, 2022

Device ID	Date and Time	CH_4	CO_2	O_2	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMLEW101	7/6/2022 11:39	56.5	43.5	0.0	0.0	-0.75	-0.89	-37.36	70.1	6.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMLEW101	7/26/2022 13:32	55.9	39.4	0.0	4.7	-0.95	-1.06	-37.32	71.6	7.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OMLEW104	7/7/2022 13:02	54.0	38.6	0.1	7.3	-14.89	-15.19	-40.93	82.6	29.5	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW104	7/26/2022 12:11	51.0	37.8	0.1	11.1	-17.22	-16.98	-41.15	83.9	29.3	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW107	7/7/2022 12:59	59.4	40.5	0.1	0.0	-41.08	-40.94	-40.91	80.1	9.2	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	7/26/2022 12:05	59.8	39.1	0.1	1.0	-41.12	-41.42	-41.12	78.2	7.8	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW59	7/1/2022 11:56	49.4	35.4	0.0	15.2	-0.83	-0.81	-32.68	105.6	8.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMLFEW59	7/22/2022 11:03	45.5	38.6	0.0	15.9	-1.01	-1.00	-35.38	106.9	7.5	Valve Adjustment:No Change
OMLFEW72	7/7/2022 13:41	56.1	38.5	0.0	5.4	-1.14	-1.95	-40.42	83.6	N/A	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW72	7/26/2022 13:05	52.5	36.7	0.1	10.7	-0.03	-0.03	-1.34	78.2	N/A	Valve Adjustment:No Change
OMLFEW99	7/8/2022 9:04	56.9	39.9	0.0	3.2	-0.52	-0.59	-44.61	68.6	11.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMLFEW99	7/22/2022 13:41	52.7	39.4	0.1	7.8	-0.73	-0.73	-46.37	70.8	15.2	Valve Adjustment:No Change
OMTLTS01	7/7/2022 13:48	38.4	33.1	2.7	25.8	-0.21	-0.05	-40.21	80.1	7.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS01	7/26/2022 12:34	43.5	35.5	2.2	18.8	-0.10	-0.08	-41.19	80.5	4.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS02	7/7/2022 14:00	48.0	34.7	1.7	15.6	-0.15	-0.04	-40.28	77.4	5.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS02	7/26/2022 12:45	58.9	37.9	0.2	3.0	-0.10	-0.14	-41.10	77.1	1.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS03	7/7/2022 14:04	16.9	11.2	14.3	57.6	-0.07	-0.06	-40.60	75.3	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS03	7/26/2022 12:50	16.9	11.2	14.6	57.3	-0.14	-0.14	-41.41	74.4	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	7/7/2022 11:30	15.2	11.2	13.2	60.4	-0.12	-0.10	-40.65	74.2	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	7/26/2022 10:57	40.1	30.0	3.7	26.2	-0.15	-0.14	-40.95	69.4	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	7/7/2022 11:26	27.4	21.1	9.8	41.7	-0.10	-0.08	-40.59	75.5	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	7/26/2022 10:49	33.7	30.2	1.9	34.2	-0.15	-0.14	-41.05	68.9	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	7/7/2022 11:20	12.5	10.3	14.2	63.0	-0.14	-0.13	-40.49	73.4	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	7/26/2022 10:46	15.3	20.6	6.8	57.3	-0.13	-0.12	-40.88	68.6	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	7/7/2022 10:56	25.5	18.2	12.3	44.0	-0.12	-0.10	-40.41	70.1	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	7/26/2022 10:22	51.2	35.0	2.9	10.9	-0.13	-0.12	-40.91	66.6	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	7/7/2022 10:52	20.6	13.5	13.5	52.4	-0.11	-0.10	-41.10	70.4	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	7/26/2022 10:19	36.7	24.9	7.0	31.4	-0.13	-0.12	-41.30	67.3	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	7/7/2022 10:47	41.7	27.7	6.1	24.5	-0.15	-0.13	-41.33	69.6	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	7/26/2022 10:14	44.2	30.4	4.5	20.9	-0.15	-0.14	-41.16	67.4	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	7/7/2022 10:41	27.3	18.8	9.9	44.0	-0.16	-0.14	-23.17	67.4	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	7/26/2022 10:10	40.1	29.4	4.3	26.2	-0.16	-0.14	-19.54	64.3	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OMTLTS11	7/7/2022 10:32	21.5	14.9	12.1	51.5	-0.16	-0.14	-24.45	65.3	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	7/26/2022 9:57	36.4	27.9	4.0	31.7	-0.16	-0.16	-21.31	62.4	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	7/7/2022 10:28	18.7	13.5	12.0	55.8	-0.15	-0.14	-29.61	68.1	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	7/26/2022 9:53	17.0	14.4	12.5	56.1	-0.16	-0.15	-26.91	62.0	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	7/7/2022 10:22	9.5	10.1	14.5	65.9	-0.20	-0.20	-39.26	66.8	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	7/26/2022 9:43	19.4	20.8	8.1	51.7	-0.20	-0.16	-40.10	61.1	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	7/7/2022 10:15	20.7	21.5	7.4	50.4	-0.19	-0.19	-40.63	70.0	1.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	7/26/2022 9:30	13.6	17.5	9.2	59.7	-0.19	-0.15	-39.85	66.7	1.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	7/7/2022 10:05	1.4	1.1	21.5	76.0	-0.24	-0.27	-39.85	62.8	0.1	Valve Adjustment:NSPS/CAI,Valve at minimum position
OMTLTS17	7/7/2022 10:09	22.6	23.0	5.4	49.0	-0.30	-0.25	-39.89	65.0	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS17	7/26/2022 9:26	14.3	15.6	8.8	61.3	-0.24	-0.24	-41.10	59.8	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS18	7/7/2022 9:47	50.1	36.6	0.2	13.1	-1.36	-1.32	-41.02	72.8	39.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OMTLTS18	7/26/2022 9:10	48.0	36.4	0.1	15.5	-0.96	-0.95	-41.57	72.9	31.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OMTLTS19	7/7/2022 9:52	56.2	37.6	1.1	5.1	-0.19	-0.21	-40.80	75.8	7.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMTLTS19	7/26/2022 9:14	44.4	32.9	5.1	17.6	-0.34	-0.32	-41.18	75.0	10.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS20	7/7/2022 9:39	32.5	27.4	4.8	35.3	-0.19	-0.17	-41.75	80.4	14.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS20	7/26/2022 9:20	19.7	19.1	9.0	52.2	-0.21	-0.08	-41.90	83.8	14.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW133B	7/13/2022 12:46	21.4	25.4	2.4	50.8	-6.05	-5.69	-36.65	81.6	22.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW133B	7/18/2022 11:58	19.8	25.9	2.6	51.7	-5.51	-4.21	-35.69	82.7	16.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	7/13/2022 12:50	54.2	39.4	0.0	6.4	-8.84	-9.23	-42.05	82.1	34.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW134A	7/18/2022 12:01	52.3	39.8	0.0	7.9	-9.53	-9.31	-41.56	83.9	39.7	Valve Adjustment:No Change
OXEW134B	7/13/2022 12:55	56.0	38.9	0.3	4.8	-24.41	-24.63	-42.24	82.5	81.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW134B	7/18/2022 12:05	56.2	42.2	0.1	1.5	-22.15	-22.52	-39.97	90.1	74.8	Valve Adjustment:Opened valve 1/2 turn or less
OXEW137B	7/7/2022 11:15	58.4	41.3	0.1	0.2	-38.13	-37.54	-37.91	79.3	9.5	Valve Adjustment:Opened valve 1/2 turn or less
OXEW137B	7/26/2022 10:42	57.8	42.0	0.2	0.0	-38.82	-39.19	-38.94	80.1	20.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	7/8/2022 12:12	52.3	43.2	0.2	4.3	-3.90	-3.87	-39.37	120.1	28.0	Valve Adjustment:No Change
OXEW1601	7/27/2022 9:46	50.2	37.1	0.7	12.0	-4.95	-4.92	-37.78	124.8	37.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1602	7/7/2022 10:54	54.7	44.5	0.1	0.7	-37.14	-37.12	-37.92	128.0	47.9	Valve Adjustment:No Change,Valve 100% open
OXEW1602	7/27/2022 10:18	54.9	40.0	0.0	5.1	-36.46	-36.09	-37.07	128.4	46.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	7/8/2022 11:52	47.9	40.8	3.3	8.0	-34.07	-34.21	-35.87	126.8	67.5	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW1603	7/19/2022 10:48	58.3	39.9	0.0	1.8	-36.20	-35.94	-38.77	127.0	77.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	7/7/2022 10:23	55.5	44.5	0.0	0.0	-1.84	-2.40	-36.60	127.2	57.0	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1604	7/27/2022 9:34	39.7	35.4	1.2	23.7	-4.99	-4.86	-35.75	115.0	49.6	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1611	7/8/2022 10:23	44.9	36.2	4.4	14.5	-3.61	-3.60	-32.86	69.5	2.6	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	7/28/2022 14:29	44.9	32.4	4.9	17.8	-5.51	-5.53	-32.91	67.6	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXEW1612	7/7/2022 10:45	51.3	44.0	0.1	4.6	-33.06	-33.06	-38.60	126.6	32.5	Valve Adjustment:No Change
OXEW1612	7/27/2022 10:05	50.2	38.4	0.0	11.4	-31.42	-31.16	-36.20	126.8	33.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1613	7/7/2022 10:19	48.4	42.6	0.1	8.9	-21.90	-20.95	-39.75	127.8	67.7	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW1613	7/19/2022 11:10	50.3	38.9	0.1	10.7	-20.99	-20.23	-42.65	128.1	62.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	7/7/2022 9:48	35.7	34.8	0.4	29.1	-2.93	-2.38	-40.28	124.3	23.0	Valve Adjustment:Closed valve 1/2 turn to 1 turn
OXEW1614	7/29/2022 10:33	44.9	36.4	0.1	18.6	-12.47	-12.67	-39.96	123.0	218.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	7/7/2022 9:39	49.8	40.8	0.0	9.4	-16.25	-16.34	-32.63	116.9	25.9	Valve Adjustment:No Change
OXEW1616	7/18/2022 17:54	52.3	36.8	0.0	10.9	-17.69	-17.75	-34.62	117.5	27.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1617	7/12/2022 11:08	57.6	41.8	0.0	0.6	-0.72	-0.89	-41.79	129.3	10.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1617	7/18/2022 16:50	57.8	41.5	0.0	0.7	-1.40	-0.95	-41.52	130.8	13.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 5% open
OXEW1617	7/18/2022 16:51	57.9	42.0	0.0	0.1	-0.88	-0.87	-41.66	129.8	8.3	Valve Adjustment:No Change,Valve 5% open
OXEW1618	7/6/2022 12:39	57.2	42.7	0.1	0.0	-2.98	-3.00	-40.35	130.2	7.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1618	7/7/2022 10:28	42.7	44.4	0.1	12.8	-4.30	-3.76	-38.83	127.9	11.6	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 25% open
OXEW1618	7/27/2022 10:34	39.8	36.4	0.7	23.1	-2.49	-2.17	-38.12	128.3	4.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1619	7/7/2022 11:45	58.1	40.6	0.1	1.2	-40.22	-40.24	-40.89	124.7	12.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1619	7/18/2022 10:28	31.5	24.5	10.2	33.8	-39.05	-38.98	-41.46	105.9	32.3	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 90% open
OXEW1619	7/18/2022 15:49	58.3	41.5	0.2	0.0	-40.58	-40.74	-41.58	124.6	14.5	Valve Adjustment:No Change
OXEW1620	7/7/2022 11:50	52.3	38.2	0.0	9.5	-11.52	-11.21	-41.31	117.1	7.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1620	7/18/2022 10:22	51.8	38.2	0.0	10.0	-12.32	-11.84	-41.31	116.6	10.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW1621	7/8/2022 11:56	45.9	39.7	0.0	14.4	-0.74	-0.68	-41.14	115.4	14.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	7/18/2022 15:06	45.4	38.9	1.3	14.4	-0.52	-0.43	-41.06	114.0	12.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1622	7/7/2022 11:41	54.4	37.7	2.0	5.9	-12.02	-11.93	-40.64	123.0	17.3	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	7/18/2022 10:51	53.7	39.8	1.6	4.9	-12.37	-12.40	-40.91	122.8	17.9	Valve Adjustment:No Change
OXEW1701	7/11/2022 14:04	60.6	39.4	0.0	0.0	-35.62	-35.58	-36.28	121.5	21.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1701	7/18/2022 16:25	60.5	39.0	0.0	0.5	-37.06	-37.56	-37.75	121.4	20.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1702	7/7/2022 11:50	56.5	43.4	0.1	0.0	-34.18	-33.68	-37.03	124.1	39.6	Valve Adjustment:No Change,Valve 100% open
OXEW1702	7/18/2022 17:22	59.1	38.1	0.0	2.8	-35.46	-35.66	-38.36	124.4	42.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1703	7/7/2022 11:39	55.2	44.7	0.1	0.0	-34.42	-31.35	-34.22	125.4	12.8	Valve Adjustment:No Change,Valve 100% open
OXEW1703	7/18/2022 17:35	57.7	39.4	0.1	2.8	-36.57	-35.63	-36.59	125.1	6.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1705	7/7/2022 11:12	55.2	44.7	0.1	0.0	-0.08	-0.50	-37.39	107.1	7.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1705	7/20/2022 10:51	56.9	39.5	0.2	3.4	-0.35	-0.39	-29.44	105.9	5.9	Valve Adjustment:No Change
OXEW1715	7/6/2022 13:53	0.0	0.0	21.5	78.5	-0.07	-0.05	-41.42	85.4	0.5	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 5% open
OXEW1715	7/6/2022 13:55	0.0	0.0	21.5	78.5	-0.07	-0.06	-41.34	85.6	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1715	7/7/2022 9:02	0.2	1.2	20.7	77.9	-0.05	-0.31	-40.61	65.5	0.2	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 25% open
OXEW1715	7/7/2022 9:03	0.0	0.3	21.2	78.5	-0.42	-0.05	-41.81	68.9	0.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn to 1 turn

OXEW1715	7/28/2022 10:13	0.1	0.3	22.0	77.6	-0.05	-0.05	-40.87	70.4	0.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1715	7/28/2022 10:14	0.1	0.1	22.2	77.6	-0.06	-0.05	-40.46	70.5	0.3	Valve Adjustment:NSPS,Closed valve 1/2 turn or less
OXEW1716	7/1/2022 12:24	57.3	38.7	0.0	4.0	-40.94	-40.96	-40.88	92.8	4.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1716	7/22/2022 10:56	56.4	41.0	0.0	2.6	-43.88	-43.78	-43.65	96.5	8.1	Valve Adjustment:No Change
OXEW1717	7/1/2022 12:40	53.1	37.9	0.4	8.6	-29.01	-28.75	-43.76	106.2	3.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1717	7/22/2022 11:15	52.6	37.5	0.5	9.4	-29.87	-29.86	-46.75	103.5	3.4	Valve Adjustment:No Change
OXEW1801	7/7/2022 9:58	51.9	43.3	0.7	4.1	1.55	-0.26	-38.74	93.8	2.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1801	7/7/2022 10:00	53.4	43.4	0.7	2.5	-0.86	-0.84	-38.41	107.7	5.2	Valve Adjustment:No Change,Valve 20% open
OXEW1801	7/27/2022 11:01	56.8	42.2	0.0	1.0	1.60	-0.13	-37.62	108.8	5.3	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 25% open
OXEW1801	7/27/2022 11:01	56.6	43.2	0.0	0.2	-0.45	-0.47	-37.74	113.5	8.0	Valve Adjustment:No Change
OXEW1804	7/6/2022 12:43	58.6	41.4	0.0	0.0	-38.30	-38.33	-39.31	127.3	18.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1804	7/7/2022 10:33	54.6	45.3	0.1	0.0	-37.15	-37.27	-38.31	126.9	13.6	Valve Adjustment:No Change,Valve 100% open
OXEW1804	7/27/2022 10:27	51.0	39.3	1.2	8.5	-36.72	-36.41	-37.64	120.8	16.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXEW1805	7/7/2022 10:37	48.2	43.4	0.1	8.3	-29.92	-28.52	-38.90	120.0	22.2	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 55% open
OXEW1805	7/27/2022 10:23	48.5	39.4	0.0	12.1	-24.34	-23.22	-36.86	123.8	20.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW1806	7/8/2022 11:32	51.8	40.4	0.0	7.8	-0.22	-0.22	-40.49	122.2	12.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1806	7/18/2022 14:43	51.3	40.9	0.0	7.8	-0.22	-0.19	-42.38	123.1	12.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1807	7/7/2022 9:26	58.1	38.5	0.1	3.3	-0.34	-0.05	-40.38	131.2	25.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 25% open
OXEW1807	7/7/2022 9:26	58.6	41.4	0.0	0.0	-0.17	-0.30	-39.94	130.3	25.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1807	7/18/2022 17:45	53.4	37.1	1.5	8.0	-7.05	-7.07	-43.67	130.2	38.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1808	7/7/2022 11:23	56.6	43.0	0.4	0.0	-36.56	-37.05	-48.34	71.8	6.2	Valve Adjustment:Valve 100% open,Opened valve >1 turn
OXEW1808	7/20/2022 11:03	58.1	39.5	0.3	2.1	-28.76	-28.94	-28.95	67.2	4.8	Valve Adjustment:No Change
OXEW1809	7/8/2022 12:09	51.8	44.9	0.0	3.3	-32.93	-32.81	-36.77	110.2	48.2	Valve Adjustment:No Change,Valve 100% open
OXEW1809	7/27/2022 9:06	50.7	37.8	0.0	11.5	-29.71	-29.82	-35.64	114.9	56.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXEW1810	7/1/2022 10:52	53.1	34.4	0.2	12.3	-23.69	-23.70	-41.01	65.7	3.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1810	7/22/2022 9:51	49.6	34.6	0.4	15.4	-23.68	-23.67	-44.16	71.4	4.1	Valve Adjustment:No Change
OXEW1811	7/12/2022 13:41	50.6	35.2	3.1	11.1	-6.55	-6.08	-41.12	86.3	7.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1811	7/27/2022 13:50	53.8	36.1	1.8	8.3	-2.35	-2.64	-38.54	95.7	4.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW1812	7/8/2022 13:30	51.6	36.5	0.3	11.6	-20.66	-20.35	-39.19	125.0	34.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1812	7/22/2022 9:16	50.5	37.0	0.0	12.5	-20.67	-20.67	-44.51	126.0	35.8	Valve Adjustment:No Change
OXEW1813	7/7/2022 9:35	56.7	42.4	0.3	0.6	-39.71	-39.35	-40.03	115.2	9.9	Valve Adjustment:No Change,Valve 100% open
OXEW1813	7/8/2022 13:36	51.6	39.3	0.0	9.1	-6.71	-6.57	-37.82	117.4	19.8	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1813	7/18/2022 17:51	58.0	39.4	0.1	2.5	-41.58	-41.58	-42.05	117.1	14.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1815	7/8/2022 9:54	46.5	37.0	0.0	16.5	-15.22	-13.12	-42.47	125.4	39.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1815	7/18/2022 14:13	50.5	37.4	0.0	12.1	-11.53	-11.12	-42.69	125.6	29.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open

OXEW1816	7/7/2022 11:55	0.6	1.0	11.5	86.9	-20.16	-14.72	-38.11	117.6	102.5	Valve Adjustment:NSPS/CAI,Closed valve >1 turn,Valve 50% open
OXEW1816	7/7/2022 11:58	56.6	42.6	0.1	0.7	-12.01	-18.11	-41.54	118.0	63.1	Valve Adjustment:Valve 100% open,Opened valve >1 turn
OXEW1816	7/28/2022 13:44	57.9	38.1	0.0	4.0	-20.35	-20.12	-38.76	117.7	91.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1817	7/8/2022 9:18	57.3	42.7	0.0	0.0	-36.38	-36.58	-36.71	110.8	9.4	Valve Adjustment:No Change,Valve 100% open
OXEW1817	7/28/2022 14:19	59.4	37.9	0.0	2.7	-36.68	-36.45	-37.24	111.0	10.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1821	7/1/2022 11:29	34.3	22.6	0.1	43.0	-0.12	-0.11	-41.06	53.5	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1821	7/22/2022 13:04	34.3	24.1	0.0	41.6	-0.10	-0.10	-43.25	71.8	0.3	Valve Adjustment:No Change
OXEW1822	7/8/2022 8:57	17.3	24.1	0.4	58.2	-0.13	-0.11	-41.48	60.2	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	7/22/2022 13:01	17.2	24.4	0.0	58.4	-0.08	-0.08	-43.25	73.9	0.3	Valve Adjustment:No Change
OXEW1823	7/1/2022 11:21	14.2	22.2	0.2	63.4	-0.14	-0.12	-40.91	54.4	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1823	7/22/2022 12:58	15.3	24.6	0.2	59.9	-0.11	-0.11	-42.50	74.3	0.2	Valve Adjustment:No Change
OXEW1824	7/1/2022 11:00	56.3	32.0	2.3	9.4	-41.60	-41.61	-41.35	56.2	2.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1824	7/1/2022 11:25	16.6	22.0	0.9	60.5	-0.13	-0.11	-41.38	54.6	4.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1824	7/28/2022 9:33	57.3	32.6	2.4	7.7	-40.98	-41.00	-40.91	62.0	2.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1825	7/1/2022 10:49	58.2	36.6	0.0	5.2	-0.82	-1.53	-41.37	54.7	1.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1825	7/22/2022 12:32	51.1	37.8	0.5	10.6	-1.94	-1.93	-43.20	71.7	2.2	Valve Adjustment:No Change
OXEW1826	7/8/2022 12:51	52.4	38.1	0.0	9.5	-1.98	-2.01	-39.29	78.5	1.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1826	7/22/2022 9:03	52.4	36.8	0.0	10.8	-2.23	-2.23	-44.20	74.7	0.1	Valve Adjustment:No Change
OXEW1901	7/7/2022 11:59	57.6	40.5	0.1	1.8	-41.03	-41.04	-41.11	81.4	2.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1901	7/18/2022 10:10	58.9	41.0	0.1	0.0	-42.17	-41.87	-41.90	81.5	2.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1902	7/7/2022 11:44	34.3	40.4	3.2	22.1	-7.52	-6.66	-38.03	85.8	70.9	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 20% open
OXEW1902	7/18/2022 17:32	44.4	35.0	0.1	20.5	-5.75	-5.16	-39.34	89.9	56.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1904	7/7/2022 11:35	53.1	42.7	0.1	4.1	-13.94	-14.51	-39.68	115.5	42.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW1904	7/18/2022 17:40	54.0	37.9	0.1	8.0	-15.55	-16.68	-41.98	114.8	45.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW1909	7/8/2022 11:35	56.2	43.8	0.0	0.0	-5.60	-5.63	-5.17	76.2	7.4	Valve Adjustment:No Change,Valve 100% open
OXEW1909	7/28/2022 10:47	61.5	38.3	0.2	0.0	3.28	3.27	3.66	63.8	8.0	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less
OXEW1909	7/29/2022 9:49	59.7	36.3	0.0	4.0	3.09	3.17	3.30	61.0	4.8	Valve Adjustment:NSPS,Valve 100% open,Opened valve 1/2 turn or less
OXEW1910	7/8/2022 11:47	54.8	43.2	0.0	2.0	-29.04	-29.12	-37.69	115.2	29.6	Valve Adjustment:No Change,Valve 100% open
OXEW1910	7/29/2022 9:26	53.5	29.0	0.4	17.1	-17.52	-17.53	-21.16	115.9	6.4	Valve Adjustment:No Change,Valve 95% open
OXEW1911	7/7/2022 10:43	55.9	44.0	0.1	0.0	-37.27	-37.68	-40.71	129.7	6.0	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 50% open
OXEW1911	7/27/2022 10:12	57.8	41.1	0.0	1.1	-37.48	-36.86	-39.38	128.3	9.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1912	7/8/2022 12:03	50.0	44.9	0.0	5.1	-24.43	-24.34	-42.02	123.5	45.5	Valve Adjustment:No Change,Valve 45% open
OXEW1912	7/27/2022 9:17	50.3	38.7	0.0	11.0	-24.34	-21.97	-40.27	123.9	40.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1913	7/8/2022 13:23	51.1	36.9	0.1	11.9	-23.35	-23.34	-39.62	94.0	26.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1913	7/22/2022 9:30	53.6	38.0	0.1	8.3	-24.76	-24.76	-44.39	93.4	26.4	Valve Adjustment:No Change

OXEW1914	7/12/2022 13:07	59.1	40.8	0.1	0.0	-41.26	-41.57	-41.35	101.5	4.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1914	7/27/2022 13:19	59.2	40.1	0.1	0.6	-38.35	-38.64	-38.68	100.5	4.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1915	7/6/2022 9:45	45.9	38.7	0.3	15.1	-3.17	-2.56	-43.07	70.5	8.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1915	7/22/2022 13:31	43.9	38.3	0.4	17.4	-2.22	-2.22	-44.71	76.2	5.4	Valve Adjustment:No Change
OXEW1916	7/6/2022 10:05	49.2	35.6	3.5	11.7	-41.59	-41.62	-41.89	60.3	1.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1916	7/22/2022 14:01	45.2	31.8	3.7	19.3	-22.43	-22.41	-43.66	71.3	0.3	Valve Adjustment:No Change
OXEW1917	7/6/2022 11:00	53.6	40.6	0.0	5.8	-34.86	-36.19	-41.86	73.7	3.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1917	7/22/2022 14:09	52.4	39.4	0.1	8.1	-38.17	-38.17	-43.44	78.6	3.8	Valve Adjustment:No Change
OXEW1918	7/1/2022 10:57	37.7	31.3	0.0	31.0	-0.08	-0.21	-41.81	56.9	1.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1918	7/28/2022 9:43	4.6	9.0	13.2	73.2	-0.15	-0.06	-40.20	71.1	2.7	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW1918	7/28/2022 9:46	4.7	9.0	13.2	73.1	-0.22	-0.20	-40.33	68.5	3.7	Valve Adjustment:NSPS,Valve at minimum position
OXEW1919	7/1/2022 11:38	58.5	36.1	0.0	5.4	-0.06	-0.09	-41.40	55.9	0.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1919	7/22/2022 13:11	36.0	32.3	0.0	31.7	-1.20	-1.20	-43.21	77.4	0.7	Valve Adjustment:No Change
OXEW1920	7/1/2022 11:33	37.3	28.6	0.0	34.1	-0.01	-0.01	-41.31	53.5	0.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	7/22/2022 13:08	30.9	24.2	2.9	42.0	-0.05	-0.05	-43.09	70.9	0.5	Valve Adjustment:No Change
OXEW1921	7/1/2022 11:08	53.1	37.5	0.2	9.2	-38.53	-38.35	-41.39	114.3	26.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1921	7/22/2022 12:45	52.0	39.5	0.2	8.3	-40.14	-40.15	-43.52	114.2	27.9	Valve Adjustment:No Change
OXEW2001	7/6/2022 10:39	41.1	38.3	0.0	20.6	-1.37	-1.32	-39.82	123.7	8.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2001	7/26/2022 14:26	39.1	35.1	0.0	25.8	-1.42	-1.40	-38.22	123.3	8.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2002	7/1/2022 12:59	50.4	39.2	0.0	10.4	-36.43	-36.43	-45.01	121.3	38.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 55% open
OXEW2002	7/22/2022 10:40	48.1	37.6	0.3	14.0	-38.53	-38.57	-48.22	121.1	41.3	Valve Adjustment:No Change
OXEW2003	7/1/2022 12:36	55.2	40.2	0.1	4.5	-43.75	-43.63	-43.68	117.2	3.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2003	7/22/2022 10:45	54.1	40.6	0.1	5.2	-46.54	-46.52	-46.64	117.9	3.2	Valve Adjustment:No Change
OXEW2004	7/1/2022 12:27	54.2	39.6	0.0	6.2	-37.17	-37.21	-44.38	129.5	57.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXEW2004	7/22/2022 10:52	51.6	39.3	0.0	9.1	-39.90	-39.90	-47.53	129.5	59.9	Valve Adjustment:No Change
OXEW2005	7/1/2022 12:20	53.9	41.0	0.0	5.1	-3.20	-3.20	-41.62	120.1	4.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2005	7/22/2022 10:59	51.7	40.1	0.0	8.2	-3.69	-3.68	-44.48	122.9	6.3	Valve Adjustment:No Change
OXEW2006	7/1/2022 11:16	19.8	22.0	0.0	58.2	-0.61	-0.60	-41.11	56.1	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2006	7/22/2022 12:50	19.0	22.9	0.0	58.1	-0.61	-0.61	-42.00	71.9	0.4	Valve Adjustment:No Change
OXEW2007	7/1/2022 11:12	58.6	38.7	0.0	2.7	-40.65	-40.67	-41.45	112.2	15.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2007	7/22/2022 12:54	57.9	40.0	0.1	2.0	-41.91	-41.90	-42.78	112.8	15.5	Valve Adjustment:No Change
OXEW2008	7/1/2022 11:43	61.2	34.2	0.1	4.5	-41.86	-41.61	-41.89	67.8	1.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2008	7/22/2022 13:18	59.0	34.7	0.3	6.0	-43.22	-43.20	-43.25	76.1	2.8	Valve Adjustment:No Change
OXEW2009	7/6/2022 11:16	53.0	40.8	1.2	5.0	-42.68	-42.64	-42.78	98.3	9.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2009	7/25/2022 10:03	52.2	38.6	2.0	7.2	-30.56	-30.25	-30.53	96.5	7.6	Valve Adjustment:No Change

OXEW2010	7/6/2022 11:04	57.5	42.2	0.0	0.3	-6.80	-9.57	-41.88	72.1	2.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2010	7/22/2022 14:11	46.3	37.4	0.1	16.2	-10.51	-10.53	-43.84	77.4	3.5	Valve Adjustment:No Change
OXEW2011	7/6/2022 10:14	53.6	41.5	0.0	4.9	-4.02	-5.15	-43.07	114.2	11.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2011	7/26/2022 14:13	46.4	35.9	0.0	17.7	-6.36	-6.34	-41.10	114.9	13.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2012	7/1/2022 13:03	53.1	37.7	0.0	9.2	-29.92	-29.96	-45.44	112.2	23.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2012	7/22/2022 10:25	51.0	38.0	0.0	11.0	-33.45	-33.29	-49.02	112.3	26.0	Valve Adjustment:No Change
OXEW2016	7/15/2022 13:15	57.8	41.5	0.1	0.6	-4.86	-6.33	-39.67	127.2	14.1	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 25% open
OXEW2016	7/15/2022 13:16	58.4	41.4	0.1	0.1	-7.21	-7.44	-39.33	129.6	23.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2016	7/28/2022 13:00	57.8	42.2	0.0	0.0	-13.07	-7.98	-40.07	132.4	22.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 5% open
OXEW2016	7/28/2022 13:01	58.8	40.9	0.0	0.3	-7.39	-7.47	-39.00	130.1	12.9	Valve Adjustment:No Change
OXEW2017	7/8/2022 11:55	52.1	41.5	1.6	4.8	-0.47	-0.49	-39.35	120.1	6.3	Valve Adjustment:No Change,Valve 30% open
OXEW2017	7/27/2022 9:24	49.2	37.2	1.9	11.7	-0.71	-0.65	-38.20	119.5	5.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2019	7/8/2022 11:39	56.2	43.8	0.0	0.0	-4.40	-4.43	-4.57	97.3	8.5	Valve Adjustment:No Change,Valve 100% open
OXEW2019	7/29/2022 9:53	60.9	37.7	0.0	1.4	3.19	3.20	3.27	89.5	5.0	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less
OXEW2019	7/29/2022 9:54	60.7	38.3	0.0	1.0	3.18	3.21	3.38	89.4	3.8	Valve Adjustment:NSPS,Valve 100% open
OXEW2020	7/8/2022 10:07	58.2	41.8	0.0	0.0	-8.12	-3.27	-41.47	134.3	13.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW2020	7/8/2022 10:09	59.2	40.1	0.0	0.7	-2.02	-2.34	-41.46	127.6	1.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW2020	7/18/2022 14:25	58.8	41.2	0.0	0.0	-7.43	-2.08	-41.84	134.9	10.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW2020	7/18/2022 14:27	59.3	40.7	0.0	0.0	-1.43	-1.37	-41.74	128.9	1.5	Valve Adjustment:No Change
OXEW2021	7/8/2022 9:41	42.2	30.0	5.8	22.0	-1.12	-1.08	-41.59	88.8	6.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2021	7/11/2022 14:16	54.3	36.3	1.7	7.7	-0.22	-0.28	-40.83	95.1	0.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2021	7/18/2022 13:56	41.8	30.9	5.4	21.9	-0.97	-0.79	-42.05	94.7	2.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2021	7/22/2022 8:51	59.9	38.4	0.1	1.6	-0.12	-0.12	-44.02	73.3	2.4	Valve Adjustment:No Change
OXEW2022	7/12/2022 10:03	57.7	38.1	0.1	4.1	-40.88	-39.28	-43.22	127.8	37.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2022	7/18/2022 16:30	57.4	37.5	0.1	5.0	-39.60	-39.51	-41.69	128.0	35.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2023	7/7/2022 11:30	52.6	38.4	2.3	6.7	-34.35	-34.35	-36.79	123.7	28.8	Valve Adjustment:No Change,Valve 100% open
OXEW2023	7/20/2022 10:59	58.6	39.4	0.1	1.9	-26.96	-26.93	-29.02	124.8	26.3	Valve Adjustment:No Change
OXEW2024	7/8/2022 10:15	51.3	38.6	0.1	10.0	-6.09	-6.12	-38.31	115.1	55.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2024	7/19/2022 13:44	52.5	38.6	0.1	8.8	-6.40	-6.45	-41.25	115.0	61.8	Valve Adjustment:No Change
OXEW2026	7/8/2022 9:05	58.6	38.9	0.0	2.5	-28.76	-28.51	-42.79	100.1	91.8	Valve Adjustment:No Change,Valve 100% open
OXEW2026	7/28/2022 11:43	58.7	38.1	0.0	3.2	-29.03	-29.08	-42.03	100.4	90.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2027	7/8/2022 11:42	57.2	42.8	0.0	0.0	-5.36	-5.13	-4.64	75.9	6.3	Valve Adjustment:No Change,Valve 100% open
OXEW2027	7/29/2022 10:09	58.4	38.5	0.0	3.1	5.18	4.96	4.95	67.2	25.3	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less
OXEW2027	7/29/2022 10:10	60.4	38.8	0.0	0.8	4.75	4.80	4.80	67.3	9.7	Valve Adjustment:NSPS,Valve 100% open
OXEW2028	7/8/2022 9:08	46.2	37.9	4.7	11.2	-41.27	-41.24	-41.31	61.3	3.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXEW2028	7/28/2022 11:37	45.9	30.0	3.6	20.5	-40.96	-40.93	-40.87	65.0	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2029	7/12/2022 10:09	52.2	37.2	0.2	10.4	-6.11	-6.21	-33.64	122.3	27.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2029	7/18/2022 16:35	50.9	35.8	0.2	13.1	-7.97	-7.43	-42.27	121.8	32.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2030	7/7/2022 11:07	55.6	42.8	0.1	1.5	-31.44	-31.35	-32.47	123.7	18.1	Valve Adjustment:No Change,Valve 100% open
OXEW2030	7/19/2022 11:00	54.4	38.0	0.0	7.6	-34.02	-34.01	-42.32	126.2	70.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2030	7/20/2022 10:46	57.1	38.6	0.1	4.2	-24.74	-24.73	-25.74	123.4	20.8	Valve Adjustment:No Change
OXEW2031	7/13/2022 13:22	55.6	37.4	0.2	6.8	-27.12	-27.06	-33.19	126.6	25.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2031	7/28/2022 13:05	55.8	40.0	0.0	4.2	-31.68	-31.67	-39.52	126.3	29.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2101	7/8/2022 11:46	52.6	40.8	0.0	6.6	-0.86	-0.87	-41.44	126.1	12.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2101	7/18/2022 14:49	52.0	41.0	0.0	7.0	-0.95	-0.95	-41.96	126.4	15.2	Valve Adjustment:No Change,Valve 20% open
OXEW2102	7/8/2022 10:25	57.3	42.7	0.0	0.0	-31.46	-31.45	-32.82	95.6	17.3	Valve Adjustment:No Change,Valve 100% open
OXEW2102	7/20/2022 10:25	59.9	39.1	0.1	0.9	-25.01	-24.98	-26.10	83.7	7.3	Valve Adjustment:No Change
OXEW2103	7/8/2022 10:17	49.9	41.6	1.2	7.3	-7.71	-7.71	-42.10	103.7	71.2	Valve Adjustment:No Change,Valve 50% open
OXEW2103	7/19/2022 13:48	50.5	37.4	1.3	10.8	-8.09	-8.09	-44.88	105.0	72.8	Valve Adjustment:No Change
OXEW2103	7/20/2022 10:31	51.6	36.5	1.0	10.9	-6.46	-6.43	-34.34	105.3	63.6	Valve Adjustment:No Change
OXEW2104	7/8/2022 9:13	54.4	42.9	0.0	2.7	-26.15	-26.11	-43.76	114.5	35.4	Valve Adjustment:No Change,Valve 100% open
OXEW2104	7/19/2022 13:40	56.6	41.5	0.1	1.8	-27.26	-27.23	-47.59	114.6	40.0	Valve Adjustment:No Change
OXEW2106	7/8/2022 12:06	54.6	44.5	0.0	0.9	-27.09	-27.09	-27.88	116.6	12.7	Valve Adjustment:No Change,Valve 100% open
OXEW2106	7/27/2022 9:10	55.1	38.3	0.0	6.6	-26.61	-26.69	-27.42	116.9	17.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2107	7/6/2022 10:46	55.1	44.1	0.0	0.8	-35.92	-35.95	-36.44	121.3	20.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2107	7/26/2022 14:30	54.2	40.6	0.0	5.2	-36.04	-35.89	-36.48	122.4	23.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2108	7/1/2022 12:52	50.0	38.2	0.0	11.8	-19.94	-19.87	-44.28	127.4	30.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2108	7/22/2022 10:33	47.6	38.1	0.0	14.3	-20.33	-20.32	-47.51	127.2	30.7	Valve Adjustment:No Change
OXEW2109	7/6/2022 10:28	56.2	43.8	0.0	0.0	7.09	-0.19	-44.07	60.0	0.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	7/6/2022 10:29	56.1	43.9	0.0	0.0	-1.26	-1.27	-43.17	71.5	4.7	Valve Adjustment:No Change,Valve at minimum position
OXEW2109	7/26/2022 14:17	30.2	31.9	0.0	37.9	-11.18	-10.88	-42.44	90.2	3.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2110	7/7/2022 11:18	57.1	42.8	0.1	0.0	-34.68	-34.68	-35.24	105.5	14.1	Valve Adjustment:No Change,Valve 100% open
OXEW2110	7/20/2022 10:55	59.4	40.6	0.0	0.0	-27.37	-27.42	-28.05	106.7	7.0	Valve Adjustment:No Change
OXEW2111	7/8/2022 11:32	52.7	44.0	0.0	3.3	-7.98	-8.08	-45.96	97.8	89.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW2111	7/29/2022 9:37	54.8	36.0	0.0	9.2	-8.14	-8.15	-43.57	97.6	90.6	Valve Adjustment:No Change,Valve 70% open
OXEW2112	7/8/2022 11:28	51.5	48.4	0.1	0.0	-36.32	-36.27	-42.36	97.2	5.2	Valve Adjustment:No Change,Valve 100% open
OXEW2112	7/28/2022 12:03	55.8	38.3	0.0	5.9	-35.44	-35.42	-42.09	99.3	5.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2113	7/8/2022 11:15	47.5	39.4	0.4	12.7	-30.35	-30.10	-40.83	117.5	75.0	Valve Adjustment:No Change,Valve 85% open
OXEW2113	7/19/2022 10:28	46.6	35.0	0.5	17.9	-32.26	-31.15	-44.58	118.3	78.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXEWHC6A**	7/6/2022 9:36	0.1	14.3	6.7	78.9	-0.07	-0.08	-42.65	64.9	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXEWHC6A**	7/28/2022 9:24	0.0	9.4	11.4	79.2	-0.60	-0.59	-41.89	59.3	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXHC1922	7/8/2022 11:12	47.6	35.6	1.9	14.9	-0.42	-0.40	-38.79	93.4	7.9	Valve Adjustment:No Change,Valve 30% open
OXHC1922	7/19/2022 10:33	45.3	33.3	2.7	18.7	-0.53	-0.41	-41.98	89.8	6.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXHC2000	7/8/2022 9:51	37.7	31.7	7.8	22.8	-34.82	-33.98	-41.30	71.9	64.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 75% open
OXHC2000	7/8/2022 9:53	0.4	3.4	21.3	74.9	-33.80	-27.21	-41.74	72.1	60.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 40% open
OXHC2000	7/18/2022 17:08	59.2	36.6	0.0	4.2	-18.68	-22.26	-46.50	82.9	47.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC2001	7/8/2022 9:57	57.1	42.2	0.1	0.6	-1.79	-2.36	-41.13	72.3	32.2	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 40% open
OXHC2001	7/18/2022 17:11	60.6	37.8	0.0	1.6	-0.41	-1.86	-46.82	84.5	49.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXHC2013	7/6/2022 13:59	59.4	40.3	0.3	0.0	-4.57	-5.05	-41.47	80.9	14.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXHC2013	7/26/2022 14:52	55.3	37.0	0.1	7.6	-4.85	-3.33	-41.06	89.7	14.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXHC2014	7/8/2022 11:19	56.7	42.6	0.0	0.7	-1.09	-1.14	-43.46	80.9	13.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 80% open
OXHC2014	7/28/2022 12:07	56.8	39.1	0.0	4.1	-1.02	-1.02	-40.64	81.9	18.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2015	7/6/2022 8:58	59.1	39.1	0.0	1.8	-0.41	-0.45	-47.25	68.0	25.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXHC2015	7/22/2022 13:47	55.7	38.0	0.0	6.3	-0.46	-0.46	-48.43	109.8	26.1	Valve Adjustment:No Change
OXHC2101	7/8/2022 9:27	44.5	38.7	0.6	16.2	-0.06	-0.05	-39.34	92.1	3.0	Valve Adjustment:No Change,Valve 15% open
OXLCR4A1	7/6/2022 9:02	59.5	39.8	0.0	0.7	-14.07	-19.46	-47.48	65.6	32.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCR4A1	7/22/2022 13:49	59.5	40.3	0.0	0.2	-14.18	-12.63	-47.70	85.8	30.6	Valve Adjustment:No Change
OXLCR4B1	7/6/2022 9:07	0.0	0.0	0.1	99.9	-0.71	-0.73	-46.09	66.0	5.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCR4B1	7/22/2022 13:51	57.3	39.6	0.7	2.4	-0.31	-0.28	-47.87	100.0	12.8	Valve Adjustment:No Change
OXLCRS07	7/8/2022 10:01	47.4	36.9	4.2	11.5	-12.30	-11.47	-42.81	84.0	118.9	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 75% open
OXLCRS07	7/20/2022 9:58	50.7	32.4	3.8	13.1	-8.70	-8.72	-36.42	85.0	104.4	Valve Adjustment:No Change
OXLCRS10	7/8/2022 9:34	57.6	42.4	0.0	0.0	-1.77	-2.67	-41.19	83.0	20.4	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 50% open
OXLCRS11	7/8/2022 9:37	50.8	42.5	0.1	6.6	-2.12	-2.13	-42.74	82.3	25.5	Valve Adjustment:No Change,Valve 50% open
OXLCRS3A	7/7/2022 11:10	58.6	40.8	0.0	0.6	-32.64	-31.99	-38.29	94.3	132.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS3A	7/26/2022 10:39	58.5	41.5	0.0	0.0	-34.51	-34.97	-38.60	92.9	83.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS3B	7/7/2022 11:06	58.4	41.0	0.0	0.6	-32.52	-32.75	-39.00	94.3	143.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS3B	7/26/2022 10:35	58.2	41.8	0.0	0.0	-35.08	-35.19	-39.21	93.4	94.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS7B	7/8/2022 10:04	47.9	35.3	4.1	12.7	-15.27	-14.44	-35.18	84.1	24.5	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 75% open
OXLCRS7B	7/20/2022 10:02	50.6	32.6	3.7	13.1	-11.68	-12.01	-29.13	85.6	18.3	Valve Adjustment:No Change
OXLCRS9A	7/8/2022 11:22	47.3	52.6	0.1	0.0	-35.69	-35.23	-41.31	74.2	5.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS9A	7/28/2022 12:11	53.6	44.4	0.0	2.0	-33.55	-34.22	-40.35	76.1	8.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXLCRS9B	7/8/2022 11:24	36.6	61.4	0.1	1.9	-0.84	-0.91	-41.24	73.9	17.1	Valve Adjustment:No Change,Valve at minimum position
OXLCRS9B	7/29/2022 10:03	53.9	44.7	0.0	1.4	-0.83	-0.92	0.96	74.6	38.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXME302D	7/8/2022 9:45	58.4	39.6	0.7	1.3	-16.36	-17.25	-42.03	119.5	21.4	Valve Adjustment:Opened valve 1/2 turn or less
OXME302D	7/18/2022 14:05	54.6	36.5	2.2	6.7	-18.80	-19.83	-42.37	120.2	22.2	Valve Adjustment:Opened valve 1/2 turn or less

OXME306D	7/7/2022 9:32	58.3	38.4	0.0	3.3	-40.13	-39.99	-40.66	127.1	17.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME306D	7/18/2022 13:43	58.9	40.8	0.0	0.3	-40.44	-40.58	-41.24	127.2	16.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME312D	7/12/2022 10:53	58.8	39.4	0.0	1.8	-0.64	-0.62	-41.30	92.4	15.4	Valve Adjustment:Opened valve 1/2 turn or less
OXME312D	7/18/2022 16:42	58.1	38.3	0.0	3.6	-1.22	-1.25	-41.39	97.1	10.9	Valve Adjustment:Opened valve 1/2 turn or less
OXME316D	7/12/2022 13:27	58.7	39.2	0.5	1.6	-35.02	-34.81	-37.12	127.0	28.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME316D	7/27/2022 13:35	57.9	37.3	0.8	4.0	-32.12	-32.35	-34.47	126.4	25.4	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	7/12/2022 13:36	59.1	40.8	0.1	0.0	-40.02	-39.86	-40.02	85.2	4.7	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	7/27/2022 13:45	59.3	38.8	0.4	1.5	-37.69	-37.83	-38.19	84.0	9.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	7/13/2022 13:00	50.8	36.9	1.9	10.4	-19.11	-17.84	-42.34	82.1	147.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW113	7/18/2022 12:11	50.0	37.0	1.8	11.2	-4.20	-4.99	-41.42	84.2	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	7/12/2022 9:25	61.8	37.3	0.3	0.6	-42.85	-42.97	-42.76	64.7	9.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	7/26/2022 9:36	60.6	39.3	0.1	0.0	-42.38	-42.57	-42.00	67.2	10.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW126	7/7/2022 13:34	59.9	40.1	0.0	0.0	-39.33	-39.31	-39.10	81.1	13.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW126	7/26/2022 13:00	59.8	40.0	0.1	0.1	-39.87	-39.95	-39.68	80.2	6.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW138	7/7/2022 11:01	52.3	37.2	0.3	10.2	-1.70	-1.68	-38.36	76.8	4.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW138	7/26/2022 10:28	57.3	40.4	0.0	2.3	-0.77	-2.04	-38.29	77.6	2.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW145	7/7/2022 13:57	55.6	39.0	0.1	5.3	-37.93	-37.96	-39.11	99.3	26.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW145	7/26/2022 12:42	54.3	37.6	0.1	8.0	-39.02	-39.06	-39.81	99.2	25.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW156	7/6/2022 9:27	42.8	35.2	4.5	17.5	-27.31	-27.11	-43.55	70.8	7.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less,Valve 5% open
OXMEW156	7/22/2022 11:23	45.9	37.7	0.4	16.0	-29.13	-29.10	-47.40	74.3	7.4	Valve Adjustment:No Change
OXMEW158	7/7/2022 13:08	52.7	42.1	0.0	5.2	-18.13	-16.19	-40.62	73.8	14.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW158	7/26/2022 12:17	54.3	38.6	0.4	6.7	-16.23	-18.09	-40.80	77.3	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW159	7/7/2022 13:14	52.1	41.8	0.0	6.1	-21.88	-25.68	-40.96	74.6	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW159	7/26/2022 12:21	52.4	39.5	0.0	8.1	-25.23	-25.38	-40.95	75.0	0.0	Valve Adjustment:No Change
OXMEW162	7/7/2022 10:37	58.1	31.6	2.4	7.9	-3.80	-3.92	-41.34	68.9	10.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW162	7/26/2022 10:07	64.0	36.0	0.0	0.0	-6.86	-7.70	-41.76	66.0	33.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	7/1/2022 11:04	37.1	28.6	0.2	34.1	-39.90	-39.89	-41.30	58.6	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW170	7/22/2022 9:43	32.3	27.6	0.2	39.9	-42.31	-42.30	-44.59	67.2	0.8	Valve Adjustment:No Change
OXMEW173	7/1/2022 12:43	44.2	34.6	0.8	20.4	-2.44	-2.42	-43.64	93.8	21.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	7/22/2022 11:07	36.3	34.4	1.0	28.3	-2.80	-2.80	-46.55	95.9	0.0	Valve Adjustment:No Change
OXMEW174	7/6/2022 9:21	54.0	39.5	0.9	5.6	-0.16	-0.69	-43.26	67.1	0.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW174	7/22/2022 11:20	26.3	31.1	2.9	39.7	-3.09	-3.09	-46.87	70.6	7.6	Valve Adjustment:No Change
OXMEW175	7/6/2022 9:41	57.1	42.9	0.0	0.0	-1.38	-4.36	-43.03	69.1	0.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	7/22/2022 13:27	27.7	31.1	0.0	41.2	-9.76	-9.76	-45.18	83.1	5.9	Valve Adjustment:No Change
OXMEW176	7/6/2022 13:18	58.2	39.4	0.1	2.3	-12.52	-12.54	-40.90	111.2	36.5	Valve Adjustment:Opened valve 1/2 turn or less

OXMEW176	7/25/2022 10:30	57.6	39.4	0.1	2.9	-1.63	-6.07	-15.35	109.0	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	7/8/2022 13:03	54.3	41.6	0.0	4.1	-20.59	-21.49	-39.05	113.6	33.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	7/22/2022 9:10	52.5	40.0	0.0	7.5	-23.48	-23.43	-44.46	113.5	39.9	Valve Adjustment:No Change
OXMEW182	7/12/2022 11:51	55.1	38.7	0.0	6.2	-30.10	-29.80	-31.87	119.9	6.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW182	7/27/2022 11:53	53.4	40.7	0.1	5.8	-34.45	-34.55	-37.97	121.6	10.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW183	7/11/2022 14:31	53.7	39.5	0.0	6.8	-6.00	-6.21	-38.97	117.6	42.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW183	7/27/2022 14:13	50.5	37.8	0.0	11.7	-5.70	-5.54	-38.66	117.0	40.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	7/8/2022 12:12	48.0	38.0	0.0	14.0	-0.75	-0.65	-40.76	119.2	24.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	7/18/2022 15:21	49.3	38.8	0.0	11.9	-0.63	-0.54	-40.78	119.3	22.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	7/8/2022 12:08	58.4	41.6	0.0	0.0	-0.07	-0.05	-40.89	100.1	11.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	7/18/2022 15:25	56.8	43.1	0.0	0.1	-0.35	-0.31	-41.40	116.5	17.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW186	7/8/2022 12:24	55.2	41.4	0.0	3.4	-0.46	-0.42	-40.44	105.6	0.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW186	7/18/2022 16:55	55.3	41.7	0.5	2.5	-0.52	-0.66	-41.58	101.1	4.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW187	7/11/2022 14:24	55.1	40.0	0.0	4.9	-0.12	-0.10	-40.02	107.8	11.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW187	7/18/2022 15:33	54.9	42.8	0.0	2.3	-0.37	-0.43	-41.26	111.9	11.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW188	7/8/2022 11:52	58.1	41.3	0.0	0.6	-0.98	-0.96	-40.80	109.8	13.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW188	7/18/2022 14:59	57.8	40.9	0.0	1.3	-0.99	-1.27	-39.47	111.1	14.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW189	7/8/2022 11:41	58.6	41.1	0.1	0.2	-3.35	-3.39	-41.00	124.9	40.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW189	7/18/2022 14:55	58.2	40.6	0.2	1.0	-3.80	-4.85	-41.30	125.2	38.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW190	7/12/2022 10:48	55.1	37.5	0.1	7.3	-11.49	-11.39	-40.64	124.7	30.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXMEW190	7/18/2022 16:38	54.6	38.1	0.2	7.1	-14.10	-14.04	-40.62	125.5	34.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXMEW191	7/1/2022 12:31	51.8	38.7	0.0	9.5	-2.96	-2.95	-43.69	124.2	19.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW191	7/22/2022 11:37	52.6	40.2	0.2	7.0	-2.88	-2.88	-47.08	124.7	22.2	Valve Adjustment:No Change
OXMEW192	7/1/2022 13:06	51.1	34.2	0.7	14.0	-2.11	-2.12	-44.98	57.3	11.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	7/22/2022 10:22	50.1	35.9	0.2	13.8	-2.78	-2.78	-47.77	66.6	13.2	Valve Adjustment:No Change
OXMEW194	7/8/2022 12:45	55.8	40.6	0.2	3.4	-40.18	-40.23	-40.24	87.9	16.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW194	7/22/2022 8:58	56.3	38.1	0.3	5.3	-43.00	-43.01	-44.16	86.9	18.1	Valve Adjustment:No Change
OXMEW196	7/12/2022 11:45	52.0	37.5	0.0	10.5	-6.53	-6.51	-38.25	96.7	10.4	Valve Adjustment:No Change
OXMEW196	7/27/2022 11:42	50.3	40.0	0.1	9.6	-8.44	-8.25	-37.73	98.0	14.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	7/12/2022 11:15	55.3	39.1	0.0	5.6	-7.05	-7.21	-35.56	123.4	53.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW199	7/18/2022 16:58	55.1	39.8	0.0	5.1	-8.94	-9.23	-41.21	124.5	55.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	7/8/2022 12:18	57.1	41.3	0.0	1.6	-0.20	-0.37	-41.26	112.6	12.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW200	7/18/2022 15:29	48.5	39.5	0.1	11.9	-2.37	-2.18	-42.53	120.9	38.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	7/8/2022 12:04	54.7	39.6	0.0	5.7	-0.36	-0.54	-40.85	104.8	21.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW201	7/18/2022 15:10	53.2	39.2	0.0	7.6	-0.86	-0.91	-40.91	108.9	13.1	Valve Adjustment:Opened valve 1/2 turn or less

OXMEW203	7/7/2022 14:10	62.6	35.2	0.3	1.9	-5.23	-7.51	-40.60	82.1	6.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW203	7/18/2022 11:48	59.1	36.6	0.2	4.1	-8.11	-9.73	-41.38	82.3	3.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW204	7/7/2022 11:36	58.5	40.4	0.2	0.9	-10.51	-11.11	-37.05	84.0	4.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW204	7/18/2022 11:03	48.5	35.6	2.2	13.7	-7.19	-6.68	-37.46	99.0	3.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW205	7/8/2022 13:47	55.2	44.8	0.0	0.0	-0.08	-0.04	-38.63	131.3	0.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 10% open
OXMEW205	7/8/2022 13:48	54.2	44.9	0.9	0.0	-0.07	-0.07	-38.96	130.2	0.0	Valve Adjustment:No Change
OXMEW205	7/18/2022 15:38	55.1	44.8	0.1	0.0	-0.07	-0.13	-41.04	121.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW209	7/8/2022 11:24	58.0	42.0	0.0	0.0	-4.07	-3.55	-41.86	132.4	9.3	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 20% open
OXMEW209	7/8/2022 11:25	58.1	41.9	0.0	0.0	-3.44	-3.43	-41.79	129.3	5.1	Valve Adjustment:No Change
OXMEW209	7/18/2022 14:36	57.8	42.2	0.0	0.0	-3.08	-3.16	-42.66	128.9	4.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXMEW210	7/7/2022 9:27	54.3	36.1	0.0	9.6	-37.35	-37.38	-40.49	124.7	32.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW210	7/18/2022 13:39	54.0	37.2	0.1	8.7	-38.22	-38.20	-41.19	124.9	32.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW300	7/8/2022 9:33	55.5	35.6	1.5	7.4	-38.90	-38.95	-41.02	103.8	20.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW300	7/18/2022 14:00	55.6	35.4	1.8	7.2	-39.77	-39.50	-41.52	104.1	20.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW302	7/8/2022 9:49	42.1	35.9	0.0	22.0	-5.41	-5.09	-41.72	108.6	33.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	7/18/2022 14:08	48.9	35.9	0.0	15.2	-4.24	-3.90	-41.68	109.1	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW303	7/7/2022 9:23	62.4	29.5	0.6	7.5	-41.69	-41.83	-41.82	60.6	9.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW303	7/18/2022 13:34	65.7	34.1	0.2	0.0	-42.55	-42.62	-42.28	74.0	9.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW306	7/7/2022 9:34	43.5	35.9	0.0	20.6	-2.02	-1.97	-40.81	110.6	13.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	7/18/2022 13:47	42.0	36.6	0.3	21.1	-2.01	-1.75	-41.20	91.8	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	7/7/2022 13:53	56.3	38.3	0.9	4.5	-39.92	-39.71	-39.74	88.4	1.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW307	7/26/2022 12:38	57.8	38.0	0.7	3.5	-40.09	-40.12	-39.88	88.6	5.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW309	7/8/2022 11:17	49.8	38.4	0.3	11.5	-27.78	-27.70	-41.52	128.1	55.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW309	7/18/2022 14:33	50.3	39.1	0.2	10.4	-26.90	-26.75	-41.50	128.4	52.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	7/7/2022 10:07	54.7	43.0	0.0	2.3	-10.46	-10.80	-38.41	118.3	217.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW310	7/27/2022 11:06	53.8	41.4	0.0	4.8	-14.21	-14.28	-37.91	118.9	99.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	7/7/2022 11:55	52.4	38.2	0.0	9.4	-22.61	-22.68	-40.88	119.9	26.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	7/18/2022 10:18	52.3	39.0	0.0	8.7	-22.68	-22.99	-41.62	119.4	28.5	
OXMEW312	7/12/2022 10:57	54.6	39.0	0.0	6.4	-3.08	-3.25	-41.37	101.0	13.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW312	7/18/2022 16:44	54.6	38.4	0.0	7.0	-3.75	-4.00	-41.32	101.5	12.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW315	7/11/2022 13:59	48.4	36.0	0.0	15.6	-38.37	-38.09	-39.31	122.5	16.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXMEW315	7/18/2022 16:21	49.2	35.7	0.1	15.0	-40.19	-39.75	-41.09	122.3	21.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXMEW316	7/12/2022 13:23	61.1	38.2	0.0	0.7	-37.58	-37.56	-39.22	113.5	10.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	7/27/2022 13:31	60.5	37.9	0.0	1.6	-31.87	-31.91	-33.05	113.1	11.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	7/12/2022 13:32	60.9	38.9	0.1	0.1	-40.17	-40.19	-40.30	107.1	17.7	Valve Adjustment:Opened valve 1/2 turn or less

OXMEW317	7/27/2022 13:41	60.6	38.0	0.0	1.4	-37.03	-37.20	-37.41	106.5	18.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	7/12/2022 12:00	51.9	37.6	0.0	10.5	-1.89	-1.87	-31.03	110.7	11.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW318	7/12/2022 13:47	52.7	37.8	0.0	9.5	-2.09	-2.10	-40.57	111.6	36.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	7/27/2022 13:56	50.3	35.2	0.0	14.5	-2.22	-2.17	-38.65	111.8	7.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	7/7/2022 10:12	51.1	42.2	0.0	6.7	-11.75	-11.75	-38.96	108.3	50.3	Valve Adjustment:No Change
OXMEW319	7/28/2022 13:30	51.9	37.5	0.1	10.5	-12.12	-12.09	-40.10	108.3	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW320	7/7/2022 9:30	58.0	41.6	0.1	0.3	-39.70	-39.68	-39.89	124.5	13.5	Valve Adjustment:No Change,Valve 100% open
OXMEW320	7/18/2022 17:48	58.1	38.3	0.1	3.5	-41.84	-41.97	-41.84	125.5	16.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW322	7/12/2022 13:14	58.2	38.2	0.1	3.5	-40.55	-40.18	-41.10	119.3	21.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW322	7/27/2022 13:24	56.3	35.6	0.1	8.0	-37.62	-37.78	-38.57	119.1	20.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW323	7/7/2022 10:49	56.4	43.5	0.1	0.0	-37.93	-37.85	-37.64	115.6	16.2	Valve Adjustment:No Change,Valve 100% open
OXMEW323	7/27/2022 10:00	58.3	40.0	0.0	1.7	-36.28	-36.41	-36.20	115.1	35.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	7/8/2022 11:59	56.0	44.0	0.0	0.0	-26.87	-28.55	-30.54	106.5	13.5	Valve Adjustment:No Change,Valve 100% open
OXMEW328	7/19/2022 10:42	59.2	40.3	0.0	0.5	-29.60	-29.16	-37.70	118.0	8.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	7/7/2022 13:29	53.8	40.4	0.2	5.6	-40.32	-40.55	-40.17	91.2	N/A	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	7/26/2022 13:11	47.6	35.4	2.6	14.4	-40.86	-41.06	-40.70	77.8	N/A	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW05	7/6/2022 11:21	55.7	43.6	0.0	0.7	-44.83	-45.16	-45.09	112.3	14.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW05	7/25/2022 10:08	55.7	41.6	0.0	2.7	-31.02	-30.89	-30.97	109.7	26.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW06	7/6/2022 13:10	56.4	43.4	0.2	0.0	-44.84	-44.82	-44.84	94.7	9.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW06	7/25/2022 10:15	54.5	42.1	0.0	3.4	-30.63	-30.47	-30.60	88.0	26.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW08	7/1/2022 12:55	49.8	37.2	0.9	12.1	-2.68	-1.01	-30.89	64.9	4.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXMEWW08	7/28/2022 9:11	38.5	30.3	4.6	26.6	-2.63	-2.38	-30.17	61.2	2.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEWW17	7/6/2022 13:45	55.3	40.9	0.7	3.1	-38.13	-37.60	-37.50	73.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW17	7/26/2022 14:48	55.9	40.3	0.1	3.7	-37.32	-37.47	-37.24	77.0	13.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW18	7/13/2022 12:10	58.6	41.3	0.1	0.0	-41.56	-41.78	-42.87	73.6	13.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW18	7/26/2022 14:44	57.6	39.7	0.1	2.6	-39.64	-40.01	-41.13	75.6	6.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1G	7/6/2022 11:08	51.8	41.6	0.0	6.6	-12.46	-12.27	-41.99	75.2	6.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1G	7/22/2022 14:14	50.2	39.4	0.1	10.3	-11.56	-11.60	-43.45	79.4	6.3	Valve Adjustment:No Change
OXMEWW1I	7/6/2022 11:26	53.4	40.4	0.0	6.2	-9.82	-13.63	-43.02	69.0	2.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1I	7/26/2022 13:44	50.3	37.8	0.1	11.8	-15.43	-15.60	-41.47	72.5	4.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1J	7/6/2022 11:29	51.5	40.6	0.1	7.8	-5.83	-5.73	-42.77	80.0	7.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1J	7/26/2022 13:40	50.5	37.5	0.2	11.8	-5.42	-5.35	-42.08	80.9	7.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1K	7/6/2022 11:33	47.5	40.9	0.4	11.2	-44.81	-44.68	-45.00	76.3	15.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1K	7/26/2022 13:36	46.5	39.3	0.8	13.4	-43.57	-43.41	-43.75	80.3	13.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1S	7/6/2022 13:33	57.6	41.2	0.0	1.2	-37.13	-36.85	-37.77	69.1	29.6	Valve Adjustment:Opened valve 1/2 turn or less

OXMEWW1S	7/26/2022 13:27	55.0	38.3	0.1	6.6	-36.70	-36.04	-37.47	70.1	29.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	7/13/2022 14:01	56.7	43.3	0.0	0.0	-43.68	-43.73	-2.55	75.0	33.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMHCF03	7/28/2022 8:44	54.9	41.1	0.5	3.5	-43.07	-43.35	-45.26	58.3	2.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF03	7/28/2022 14:43	57.3	42.6	0.1	0.0	-43.84	-44.17	-45.76	78.7	29.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMHCF04	7/13/2022 13:56	55.5	43.2	0.8	0.5	-43.87	-44.21	-45.13	75.4	10.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMHCF04	7/29/2022 9:15	50.4	40.4	1.8	7.4	-43.97	-43.68	-45.66	58.9	2.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW30	7/6/2022 10:10	57.4	41.8	0.0	0.8	-44.06	-44.31	-44.17	60.5	3.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW30	7/26/2022 14:08	56.4	38.1	0.1	5.4	-42.56	-42.42	-42.17	69.3	3.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW31	7/6/2022 10:55	56.4	42.5	0.0	1.1	-43.79	-43.66	-43.64	66.1	6.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW31	7/28/2022 9:55	56.3	41.8	0.2	1.7	-42.25	-42.40	-41.92	65.5	5.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW32	7/6/2022 9:49	39.5	37.5	0.0	23.0	-40.54	-40.28	-42.41	80.5	28.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 55% open
OXMPEW32	7/22/2022 13:34	26.8	33.1	0.0	40.1	-42.18	-41.74	-45.38	83.4	28.9	Valve Adjustment:No Change
OXMPEW33	7/6/2022 9:57	50.2	39.2	0.0	10.6	-6.00	-5.79	-42.31	84.3	11.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMPEW33	7/22/2022 10:29	47.6	37.2	0.0	15.2	-5.79	-5.76	-48.57	85.8	12.2	Valve Adjustment:No Change
OXMPEW35	7/6/2022 10:34	48.8	42.4	0.0	8.8	-29.88	-29.83	-41.33	127.3	25.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW35	7/28/2022 10:00	46.5	38.3	0.0	15.2	-28.62	-28.08	-40.30	126.7	21.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW44	7/6/2022 13:39	58.0	42.0	0.0	0.0	-37.62	-37.62	-37.44	76.8	18.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW44	7/26/2022 14:57	57.8	38.8	0.0	3.4	-36.97	-37.36	-36.99	80.5	5.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXSS2034	7/1/2022 10:22	58.6	40.3	0.1	1.0	-0.33	-2.03	-42.37	57.3	4.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2034	7/1/2022 13:24	56.2	39.6	0.5	3.7	-10.13	-16.13	-42.47	67.2	0.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXSS2034	7/5/2022 11:31	57.4	41.6	0.0	1.0	-30.47	-30.64	-34.64	69.5	4.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXSS2034	7/5/2022 14:05	57.6	42.1	0.3	0.0	-13.56	-18.49	-33.39	74.2	2.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXSS2034	7/6/2022 8:42	57.6	42.0	0.1	0.3	-27.79	-32.04	-42.40	64.7	6.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXSS2034	7/6/2022 12:56	57.5	42.0	0.2	0.3	-35.41	-36.60	-41.65	80.9	5.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXSS2034	7/7/2022 9:09	57.0	40.5	0.2	2.3	-35.91	-36.03	-41.54	63.6	5.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXSS2034	7/8/2022 9:20	57.3	41.3	0.1	1.3	-37.13	-36.48	-42.01	68.1	5.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXSS2034	7/11/2022 13:44	57.8	42.1	0.1	0.0	-37.47	-37.39	-41.81	108.3	6.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXSS2034	7/12/2022 9:52	58.1	40.5	0.0	1.4	-37.89	-37.79	-42.91	63.8	4.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXSS2034	7/12/2022 14:09	57.8	39.8	0.2	2.2	-38.04	-37.53	-43.14	85.4	4.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open

OXSS2034	7/13/2022 14:14	58.1	41.7	0.1	0.1	-38.89	-39.05	-44.01	89.0	5.4	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 90% open
OXSS2034	7/18/2022 17:15	58.8	41.0	0.0	0.2	-38.13	-38.46	-43.43	88.5	4.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less

***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_4 = Methane

CO_2 = Carbon Dioxide

O_2 = 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, ~~OXLCRS01~~, OXLCRS4A, OXLCRS4B, ~~OXLCRS05~~, ~~OXLCRS06~~, OXLCRS07, ~~OXMEWHC6~~, ~~OXMTBTC1~~, OXMEWW17, and ~~OXMHCF06~~.

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, ~~OXLCRS01~~, OXLCRS4A, OXLCRS4B, ~~OXLCRS05~~, ~~OXLCRS06~~, and OXLCRS07.

*Wells that have been decommissioned are noted with a strikethrough.

OX MOUNTAIN LANDFILL
Wellfield Monitoring Report - August 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 17, 18, 19, 22, 23, 24, 25, 26, 29, and 30, 2022

Device ID	Date and Time	CH_4	CO_2	O_2	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMLEW101	8/5/2022 11:14	53.8	42.9	0.0	3.3	-1.43	-1.47	-40.27	71.5	9.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMLEW101	8/19/2022 9:51	42.5	37.8	0.5	19.2	-4.72	-4.47	-32.06	70.3	18.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMLEW104	8/8/2022 8:51	51.7	39.5	0.0	8.8	-12.79	-12.24	-36.32	82.6	24.8	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW104	8/26/2022 9:58	48.6	41.6	0.1	9.7	-13.96	-13.96	-45.82	83.1	30.5	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW107	8/8/2022 8:48	58.8	41.0	0.0	0.2	-36.16	-36.30	-36.20	75.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	8/26/2022 10:09	56.8	43.1	0.1	0.0	-45.29	-45.18	-45.31	72.1	3.9	Valve Adjustment:No Change,Valve 100% open
OMLFEW59	8/2/2022 13:05	43.1	37.6	0.0	19.3	-0.95	-0.91	-35.78	107.4	8.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMLFEW59	8/16/2022 10:49	50.0	40.9	0.0	9.1	-0.55	-0.59	-23.07	107.9	3.5	Valve Adjustment:No Change
OMLFEW72	8/8/2022 9:08	49.5	39.4	0.0	11.1	-1.29	-1.28	-30.12	72.6	*	Valve Adjustment:Closed valve 1/2 turn or less
OMLFEW72	8/26/2022 9:44	52.3	41.2	0.0	6.5	-1.75	-1.75	-45.38	61.0	*	Valve Adjustment:No Change
OMLFEW99	8/9/2022 8:39	52.5	36.8	0.1	10.6	-0.77	-0.77	-46.66	70.2	14.8	Valve Adjustment:No Change
OMLFEW99	8/16/2022 11:19	53.0	39.3	0.1	7.6	-0.61	-0.61	-39.72	75.5	14.1	Valve Adjustment:No Change
OMTLTS01	8/3/2022 13:49	54.6	44.9	0.5	0.0	-0.06	-0.12	-40.72	81.0	2.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS01	8/26/2022 9:37	31.7	33.1	3.7	31.5	-0.22	-0.12	-45.41	79.1	6.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS02	8/3/2022 13:44	47.6	37.0	1.2	14.2	-0.14	-0.14	-41.22	79.1	6.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS02	8/26/2022 9:34	43.2	35.7	1.8	19.3	-0.22	-0.15	-45.22	75.6	6.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS03	8/3/2022 13:41	28.0	22.1	9.5	40.4	-0.08	-0.08	-40.80	79.9	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS03	8/26/2022 9:31	36.0	29.2	4.7	30.1	-0.16	-0.16	-45.63	61.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	8/5/2022 11:38	27.2	27.0	3.7	42.1	-0.16	-0.15	-43.04	74.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS04	8/26/2022 9:23	33.8	33.7	0.4	32.1	-0.13	-0.13	-45.36	60.4	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	8/5/2022 11:35	26.4	29.2	1.7	42.7	-0.14	-0.14	-42.81	78.1	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS05	8/26/2022 9:19	24.5	30.1	0.8	44.6	-0.15	-0.14	-45.33	60.8	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	8/5/2022 11:32	9.5	15.8	9.2	65.5	-0.12	-0.12	-43.67	76.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS06	8/26/2022 9:14	13.5	17.5	9.6	59.4	-0.13	-0.13	-44.78	60.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	8/5/2022 11:19	54.2	39.1	1.6	5.1	-0.11	-0.11	-42.68	78.9	0.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS07	8/26/2022 9:04	54.3	38.5	1.5	5.7	-0.14	-0.14	-45.35	60.1	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	8/5/2022 11:15	49.6	34.3	3.4	12.7	-0.09	-0.09	-43.39	80.1	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS08	8/26/2022 9:01	50.4	35.1	2.3	12.2	-0.14	-0.14	-45.33	60.5	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	8/5/2022 11:12	38.3	27.9	5.6	28.2	-0.12	-0.12	-43.24	79.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS09	8/26/2022 8:58	41.6	33.9	1.8	22.7	-0.18	-0.18	-45.10	60.4	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	8/5/2022 11:08	37.7	31.6	1.8	28.9	-0.12	-0.11	-21.52	79.4	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	8/25/2022 13:33	20.9	18.0	9.4	51.7	-0.14	-0.14	-20.77	71.4	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OMTLTS11	8/5/2022 11:00	25.1	24.8	3.3	46.8	-0.14	-0.14	-23.72	76.5	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	8/25/2022 13:27	21.7	20.9	5.6	51.8	-0.16	-0.16	-22.82	69.7	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	8/5/2022 10:56	6.7	9.4	13.8	70.1	-0.11	-0.11	-28.27	76.8	0.1	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	8/25/2022 13:25	6.6	7.9	14.5	71.0	-0.18	-0.18	-27.39	71.3	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	8/5/2022 10:30	22.8	24.8	6.7	45.7	-0.15	-0.16	-42.72	71.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	8/25/2022 13:38	1.5	2.3	19.7	76.5	-0.21	-0.21	-43.74	70.3	0.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	8/25/2022 13:38	1.5	2.3	19.3	76.9	-0.25	-0.25	-43.98	70.9	0.3	Valve Adjustment:NSPS
OMTLTS16	8/5/2022 10:27	16.3	20.8	8.0	54.9	-0.16	-0.12	-40.27	72.7	1.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	8/25/2022 13:03	12.1	12.0	12.8	63.1	-0.34	-0.31	-39.53	71.3	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	8/5/2022 10:24	19.6	21.8	6.3	52.3	-0.22	-0.21	-43.23	71.3	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	8/25/2022 13:00	6.9	10.1	11.9	71.1	-0.24	-0.24	-44.21	66.8	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS18	8/5/2022 10:18	52.7	39.2	0.3	7.8	-0.90	-0.90	-42.94	73.0	14.1	Valve Adjustment:No Change,Valve 30% open
OMTLTS18	8/25/2022 12:55	52.9	37.5	0.2	9.4	-0.98	-1.06	-38.59	72.9	33.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OMTLTS19	8/5/2022 10:17	46.0	33.4	4.6	16.0	-0.21	-0.18	-42.93	76.8	10.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS19	8/25/2022 12:51	54.3	37.4	2.0	6.3	-0.56	-0.69	-45.08	76.2	9.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMTLTS20	8/5/2022 10:09	38.4	28.9	4.4	28.3	-0.34	-0.29	-44.04	82.6	14.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OMTLTS20	8/25/2022 12:48	51.5	34.1	2.4	12.0	-0.03	-0.03	-44.63	64.3	2.5	Valve Adjustment:No Change
OXEW133B	8/3/2022 13:19	16.1	24.2	2.0	57.7	-6.23	-6.10	-32.25	86.7	61.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW133B	8/26/2022 10:26	3.1	17.5	4.8	74.6	-6.13	-5.62	-42.53	81.5	64.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW134A	8/3/2022 13:22	52.5	40.9	0.0	6.6	-9.40	-9.73	-40.09	85.7	19.0	Valve Adjustment:No Change
OXEW134A	8/26/2022 10:21	52.5	42.6	0.1	4.8	-11.56	-9.09	-38.67	81.7	70.3	Valve Adjustment:No Change
OXEW134B	8/3/2022 13:26	53.5	44.6	0.1	1.8	-36.85	-37.56	-40.50	91.6	5.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW134B	8/26/2022 10:19	51.3	43.2	0.2	5.3	-43.17	-43.34	-45.34	75.0	44.2	Valve Adjustment:No Change
OXEW137B	8/5/2022 11:28	55.6	43.9	0.5	0.0	-39.78	-40.07	-39.73	79.5	19.6	Valve Adjustment:No Change,Valve 100% open
OXEW137B	8/26/2022 9:11	56.1	43.2	0.7	0.0	-42.66	-42.28	-42.78	78.3	16.3	Valve Adjustment:No Change,Valve 100% open
OXEW1601	8/5/2022 12:55	52.2	35.8	0.7	11.3	-5.45	-5.18	-42.74	125.4	34.8	Valve Adjustment:No Change
OXEW1601	8/17/2022 13:29	52.8	35.6	0.6	11.0	-4.53	-4.51	-36.65	125.8	34.6	Valve Adjustment:No Change
OXEW1602	8/9/2022 9:23	56.2	39.1	0.0	4.7	-40.21	-40.24	-41.01	128.4	51.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1602	8/29/2022 13:16	55.1	40.0	0.1	4.8	-40.04	-40.06	-41.10	128.4	50.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1603	8/5/2022 13:36	56.8	35.6	0.6	7.0	-10.03	-9.42	-39.36	125.6	96.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1603	8/26/2022 13:09	58.9	38.7	0.0	2.4	-27.92	-41.11	-43.79	124.8	40.3	Valve Adjustment:Valve 100% open,Opened valve >1 turn
OXEW1604	8/4/2022 13:25	53.3	41.0	0.0	5.7	-2.39	-2.38	-31.35	130.3	15.4	Valve Adjustment:No Change
OXEW1604	8/26/2022 14:02	53.8	38.7	0.1	7.4	-3.38	-2.05	-41.88	131.6	40.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1604	8/26/2022 14:04	54.3	41.5	0.0	4.2	-1.79	-1.78	-43.76	129.7	0.0	Valve Adjustment:No Change
OXEW1611	8/4/2022 10:04	59.1	40.4	0.1	0.4	-0.22	-0.19	-35.51	65.7	0.7	Valve Adjustment:Valve at minimum position

OXEW1611	8/5/2022 10:06	58.7	41.3	0.0	0.0	-5.57	-6.51	-34.85	65.6	1.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1611	8/29/2022 13:01	50.3	36.2	2.9	10.6	-19.45	-19.41	-19.95	69.3	0.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1612	8/9/2022 9:01	51.5	38.0	0.0	10.5	-34.60	-34.58	-41.29	126.8	37.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1612	8/18/2022 9:02	52.6	37.9	0.0	9.5	-31.25	-31.23	-37.46	127.1	32.9	Valve Adjustment:No Change
OXEW1613	8/4/2022 13:22	52.1	40.0	0.0	7.9	-15.91	-15.96	-34.74	128.2	54.7	Valve Adjustment:No Change
OXEW1613	8/26/2022 13:57	59.0	38.8	0.3	1.9	-20.72	-20.68	-42.70	128.6	51.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1614	8/4/2022 13:14	51.4	40.2	0.0	8.4	-0.64	-0.64	-34.01	124.4	12.4	Valve Adjustment:No Change
OXEW1614	8/18/2022 9:35	58.1	40.7	0.0	1.2	-1.28	-1.46	-35.66	122.6	84.4	Valve Adjustment:No Change
OXEW1616	8/12/2022 11:56	51.9	36.6	0.0	11.5	-17.85	-17.83	-34.56	117.3	28.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	8/24/2022 10:22	52.0	37.6	0.0	10.4	-12.35	-12.32	-22.52	116.7	16.2	Valve Adjustment:No Change
OXEW1617	8/11/2022 14:12	57.8	41.8	0.0	0.4	-0.05	-0.07	-38.19	129.3	5.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1617	8/25/2022 9:30	0.0	0.0	21.0	79.0	-1.35	-1.16	-44.65	128.3	9.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 10% open
OXEW1617	8/25/2022 9:32	56.2	43.5	0.2	0.1	-1.29	-1.31	-44.10	128.0	8.2	Valve Adjustment:No Change
OXEW1618	8/4/2022 13:33	51.2	41.5	0.0	7.3	-0.72	-0.71	-34.74	128.8	4.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1618	8/18/2022 9:29	48.3	39.0	0.0	12.7	-1.37	-1.37	-37.58	128.4	5.1	Valve Adjustment:No Change
OXEW1619	8/3/2022 12:47	57.0	42.5	0.5	0.0	-39.60	-39.90	-40.40	123.8	11.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1619	8/26/2022 10:36	53.9	42.7	1.5	1.9	-43.79	-43.69	-44.63	120.3	16.8	Valve Adjustment:No Change,Valve 100% open
OXEW1620	8/3/2022 12:42	46.8	39.4	0.1	13.7	-11.77	-10.76	-40.91	115.8	7.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1620	8/19/2022 11:41	50.4	36.7	0.0	12.9	-10.15	-10.02	-46.10	112.9	12.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1620	8/26/2022 10:40	47.6	41.0	0.1	11.3	-10.31	-10.22	-44.98	111.7	10.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1621	8/1/2022 14:46	48.5	39.9	0.0	11.6	-0.56	-0.55	-40.37	114.8	8.7	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	8/23/2022 13:09	54.1	41.1	0.0	4.8	-0.31	-0.31	-44.52	113.3	7.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	8/3/2022 12:55	54.5	41.6	1.9	2.0	-13.33	-13.83	-40.49	123.3	17.7	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	8/26/2022 10:33	53.1	42.8	1.7	2.4	-16.99	-17.05	-44.89	121.5	23.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1701	8/11/2022 13:45	60.9	39.1	0.0	0.0	-34.23	-34.66	-34.44	121.6	22.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1701	8/26/2022 10:12	60.1	38.6	0.0	1.3	-40.25	-39.90	-40.78	120.9	21.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1702	8/12/2022 11:12	60.3	39.1	0.0	0.6	-33.88	-34.21	-37.04	124.5	40.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1702	8/24/2022 9:37	59.4	40.5	0.0	0.1	-36.03	-35.48	-39.21	124.2	40.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1703	8/5/2022 15:15	59.0	40.1	0.1	0.8	-30.41	-15.16	-31.50	120.6	5.9	Valve Adjustment:Valve at minimum position,Closed valve >1 turn
OXEW1703	8/8/2022 11:19	58.2	41.8	0.0	0.0	-10.30	-21.87	-27.24	102.0	13.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1703	8/12/2022 9:53	58.5	41.5	0.0	0.0	8.65	-0.29	-19.56	120.2	6.8	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 10% open
OXEW1703	8/12/2022 9:56	58.2	41.8	0.0	0.0	-14.01	-14.18	-19.45	122.4	11.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1703	8/24/2022 9:50	58.6	41.1	0.0	0.3	-32.94	-34.13	-35.56	116.6	6.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1705	8/4/2022 10:11	58.0	41.9	0.1	0.0	-0.07	-0.04	-39.25	109.7	7.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1705	8/5/2022 10:12	58.5	41.5	0.0	0.0	-4.88	-5.27	-39.19	109.4	7.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open

OXEW1705	8/26/2022 13:46	58.7	41.1	0.2	0.0	-0.81	-5.06	-41.46	114.3	17.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1715	8/12/2022 13:35	1.2	1.4	21.2	76.2	0.04	-0.02	-42.55	97.7	0.2	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXEW1715	8/12/2022 13:36	0.3	0.5	20.8	78.4	-0.04	-0.05	-42.78	98.3	0.3	Valve Adjustment:No Change
OXEW1715	8/24/2022 12:42	0.7	1.4	21.7	76.2	-0.07	-0.05	-44.80	85.1	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW1715	8/24/2022 12:44	0.1	0.3	21.9	77.7	0.00	0.00	-44.71	86.4	0.9	Valve Adjustment:No Change
OXEW1716	8/2/2022 12:39	57.1	42.3	0.0	0.6	-44.59	-44.67	-45.36	96.8	5.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1716	8/16/2022 10:32	56.4	43.4	0.0	0.2	-35.53	-35.50	-35.43	99.3	4.0	Valve Adjustment:No Change
OXEW1717	8/2/2022 13:10	52.3	39.0	0.5	8.2	-28.50	-28.53	-47.85	104.1	3.6	Valve Adjustment:No Change
OXEW1717	8/16/2022 10:40	52.5	40.9	0.5	6.1	-22.40	-22.40	-37.04	103.5	2.9	Valve Adjustment:No Change
OXEW1801	8/9/2022 13:11	54.8	44.4	0.8	0.0	-0.01	-0.13	-41.41	130.3	18.7	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 20% open
OXEW1801	8/9/2022 13:17	57.4	42.5	0.1	0.0	-0.15	-0.11	-41.86	130.7	14.8	Valve Adjustment:No Change
OXEW1801	8/12/2022 9:26	54.1	40.7	0.1	5.1	-1.19	-0.02	-37.57	129.2	12.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1801	8/25/2022 9:58	56.5	42.6	0.0	0.9	-2.00	-2.82	-44.79	128.0	8.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1804	8/4/2022 13:29	52.6	41.0	2.0	4.4	-32.55	-32.55	-34.02	120.3	16.9	Valve Adjustment:No Change,Valve 80% open
OXEW1804	8/18/2022 9:24	53.6	40.4	1.5	4.5	-36.58	-36.58	-37.75	119.2	9.6	Valve Adjustment:No Change
OXEW1805	8/9/2022 10:01	51.8	38.4	0.0	9.8	-22.99	-22.99	-41.12	125.1	23.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW1805	8/18/2022 9:20	52.2	40.4	0.0	7.4	-22.03	-22.03	-37.53	125.1	22.3	Valve Adjustment:No Change
OXEW1806	8/1/2022 15:05	49.5	38.9	0.0	11.6	-0.16	-0.30	-41.15	122.6	10.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1806	8/25/2022 11:23	46.1	34.2	0.2	19.5	-0.24	-0.24	-44.59	121.6	10.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1807	8/12/2022 11:40	55.3	37.5	1.4	5.8	-4.66	-4.51	-42.79	130.0	29.4	Valve Adjustment:No Change
OXEW1807	8/24/2022 10:00	57.1	39.9	0.7	2.3	-3.86	-3.37	-43.60	130.4	29.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 30% open
OXEW1807	8/24/2022 10:01	57.1	40.2	0.8	1.9	-2.70	-2.70	-42.95	130.0	26.3	Valve Adjustment:No Change
OXEW1808	8/5/2022 14:45	59.8	38.0	0.4	1.8	-38.23	-36.26	-38.71	71.2	5.3	Valve Adjustment:Valve at minimum position,Closed valve >1 turn
OXEW1808	8/8/2022 11:32	53.1	36.8	2.1	8.0	-32.16	-31.95	-32.46	74.6	2.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW1808	8/8/2022 14:19	55.3	39.4	1.0	4.3	-34.36	-32.53	-34.63	74.7	2.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW1808	8/10/2022 12:44	0.0	0.0	6.7	93.3	-13.51	-13.51	-25.94	77.2	0.8	Valve Adjustment:NSPS/CAI,No Change
OXEW1808	8/10/2022 12:46	43.8	31.6	5.5	19.1	-15.10	-14.91	-25.84	77.5	2.8	Valve Adjustment:NSPS
OXEW1808	8/18/2022 11:53	44.7	33.9	4.9	16.5	-29.44	-29.74	-33.83	77.6	0.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1808	8/25/2022 12:01	50.8	37.9	3.0	8.3	-38.91	-39.77	-40.38	64.0	4.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1809	8/5/2022 12:23	52.4	38.4	0.1	9.1	-32.20	-32.17	-38.83	114.9	57.9	Valve Adjustment:No Change
OXEW1809	8/17/2022 12:56	52.3	38.2	0.1	9.4	-26.96	-26.94	-32.62	115.1	54.6	Valve Adjustment:No Change
OXEW1810	8/2/2022 11:29	47.7	35.2	0.5	16.6	-22.55	-22.52	-39.99	75.5	4.0	Valve Adjustment:No Change
OXEW1810	8/16/2022 8:44	50.2	36.8	0.1	12.9	-19.67	-19.64	-36.13	76.4	4.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1811	8/9/2022 12:29	51.8	37.5	2.7	8.0	-3.90	-3.75	-42.23	95.1	6.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1811	8/25/2022 8:54	49.8	36.4	3.1	10.7	-4.50	-4.48	-44.07	61.6	6.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open

OXEW1812	8/8/2022 8:34	51.6	39.8	0.1	8.5	-17.58	-17.51	-36.12	126.3	32.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1812	8/25/2022 10:51	50.6	37.4	0.2	11.8	-21.76	-20.81	-46.22	126.2	35.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1813	8/12/2022 11:52	57.3	36.7	0.1	5.9	-40.49	-40.60	-40.81	115.5	12.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1813	8/24/2022 10:19	57.0	39.9	0.1	3.0	-42.76	-42.79	-42.78	114.0	15.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1815	8/3/2022 14:47	49.5	39.4	0.0	11.1	-9.98	-9.78	-43.39	125.6	30.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1815	8/25/2022 11:55	55.7	36.6	0.0	7.7	-9.76	-10.48	-44.70	125.0	26.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1816	8/12/2022 11:17	58.2	37.4	0.0	4.4	-20.73	-20.78	-39.45	117.9	106.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1816	8/24/2022 9:27	52.9	38.3	0.2	8.6	-21.62	-21.62	-39.66	117.2	95.1	Valve Adjustment:No Change
OXEW1817	8/5/2022 14:39	58.4	37.5	0.1	4.0	-33.95	-23.43	-34.67	111.5	12.3	Valve Adjustment:Valve at minimum position,Closed valve >1 turn
OXEW1817	8/8/2022 11:17	58.5	39.7	0.0	1.8	34.70	-1.64	-31.56	77.5	2.7	Valve Adjustment:NSPS/CAI,Opened valve >10% ,Valve 30% open
OXEW1817	8/8/2022 11:18	58.4	39.4	0.0	2.2	-2.18	-2.17	-31.27	111.4	27.1	Valve Adjustment:No Change,Valve 30% open
OXEW1817	8/8/2022 14:14	58.3	41.7	0.0	0.0	-16.42	-0.08	-33.87	115.1	23.7	Valve Adjustment:Closed valve >1 turn,Valve 10% open
OXEW1817	8/10/2022 12:33	58.9	41.0	0.1	0.0	-3.70	-4.41	-22.18	112.6	12.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 30% open
OXEW1817	8/24/2022 9:18	59.1	39.7	0.0	1.2	-19.61	-21.39	-39.29	114.7	6.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW1817	8/25/2022 11:47	58.1	41.7	0.2	0.0	-32.61	-36.10	-40.31	113.7	13.1	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 60% open
OXEW1821	8/2/2022 12:03	33.8	23.6	0.0	42.6	-0.09	-0.09	-35.16	78.8	0.2	Valve Adjustment:No Change
OXEW1821	8/16/2022 9:17	32.7	24.2	0.0	43.1	-0.05	-0.05	-35.75	82.8	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW1822	8/2/2022 11:59	16.6	23.3	0.5	59.6	-0.10	-0.10	-32.99	80.1	0.2	Valve Adjustment:No Change
OXEW1822	8/16/2022 9:14	0.0	0.0	0.6	99.4	-0.16	-0.33	-36.23	87.0	0.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1823	8/2/2022 11:56	14.7	23.5	0.2	61.6	-0.08	-0.09	-22.16	78.4	0.1	Valve Adjustment:No Change
OXEW1823	8/16/2022 9:10	16.6	24.6	0.5	58.3	-0.11	-0.11	-37.99	85.2	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1824	8/2/2022 11:36	44.8	27.6	3.6	24.0	-30.87	-30.65	-31.52	80.1	1.9	Valve Adjustment:No Change
OXEW1824	8/16/2022 8:53	55.7	33.5	2.3	8.5	-35.71	-36.15	-35.76	75.8	2.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1825	8/2/2022 11:32	49.1	37.4	0.3	13.2	-1.60	-1.83	-37.96	77.5	1.1	Valve Adjustment:No Change
OXEW1825	8/16/2022 8:39	50.5	37.9	0.3	11.3	-1.31	-0.70	-35.76	79.4	0.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	8/8/2022 9:27	50.2	38.0	0.0	11.8	-1.88	-1.91	-32.94	80.6	1.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	8/18/2022 14:39	53.3	39.7	0.0	7.0	-1.43	-1.71	-36.24	79.8	1.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1901	8/3/2022 12:26	53.2	39.9	2.2	4.7	-1.30	-1.31	-42.00	88.2	11.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1901	8/26/2022 10:47	48.5	40.6	3.9	7.0	-45.03	-45.05	-45.76	73.9	9.3	Valve Adjustment:No Change
OXEW1902	8/12/2022 11:27	51.8	36.7	0.1	11.4	-3.26	-3.25	-38.80	84.4	49.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW1902	8/24/2022 9:46	53.8	37.0	0.2	9.0	-3.54	-3.52	-40.39	75.8	51.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1902	8/25/2022 11:08	53.8	40.6	0.0	5.6	-3.72	-4.37	-40.72	76.8	52.2	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 25% open
OXEW1904	8/12/2022 11:34	54.3	37.3	0.0	8.4	-14.93	-16.31	-40.75	117.5	44.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1904	8/24/2022 9:55	50.3	38.1	0.2	11.4	-20.30	-18.78	-41.56	107.0	50.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW1909	8/5/2022 12:58	61.8	37.0	0.0	1.2	3.24	3.25	3.37	72.0	10.2	Valve Adjustment:NSPS,No Change,Valve 100% open

OXEW1909	8/5/2022 12:59	62.0	37.5	0.0	0.5	3.27	3.33	3.42	72.2	10.7	Valve Adjustment:NSPS,No Change,Valve 100% open
OXEW1910	8/5/2022 13:41	56.3	37.4	0.0	6.3	-30.98	-32.54	-41.00	115.5	26.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1910	8/12/2022 8:51	53.5	35.9	0.0	10.6	-32.52	-3.70	-42.20	115.5	23.2	Valve Adjustment:Valve at minimum position,Closed valve >1 turn
OXEW1911	8/9/2022 9:10	57.6	39.1	0.0	3.3	-40.58	-40.60	-42.89	127.9	9.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 55% open
OXEW1911	8/18/2022 9:06	58.5	41.3	0.1	0.1	-37.01	-37.01	-39.08	128.6	9.9	Valve Adjustment:No Change
OXEW1912	8/5/2022 12:32	52.5	37.9	0.0	9.6	-20.93	-20.94	-45.09	124.2	40.4	Valve Adjustment:No Change
OXEW1912	8/17/2022 13:05	53.7	37.6	0.0	8.7	-17.49	-17.49	-38.41	124.5	35.5	Valve Adjustment:No Change
OXEW1913	8/8/2022 8:22	60.4	39.6	0.0	0.0	-2.59	-3.01	-36.71	68.2	11.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1913	8/25/2022 12:39	56.0	41.3	0.2	2.5	-21.29	-40.48	-44.64	93.5	2.8	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 50% open
OXEW1914	8/9/2022 12:02	59.0	40.8	0.2	0.0	-42.68	-42.63	-43.08	101.7	0.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1914	8/25/2022 8:32	59.0	40.6	0.0	0.4	-45.78	-45.91	-45.78	97.8	3.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1915	8/4/2022 11:33	43.7	38.2	0.5	17.6	-2.10	-1.84	-40.67	75.5	5.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1915	8/29/2022 11:08	56.0	43.9	0.1	0.0	0.02	-0.25	-45.70	82.7	0.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW1915	8/29/2022 11:10	55.9	43.7	0.4	0.0	-1.34	-3.04	-46.15	78.4	4.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1916	8/4/2022 12:54	53.7	37.2	2.0	7.1	-28.08	-28.56	-36.67	74.5	0.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1916	8/16/2022 13:19	53.8	34.0	1.3	10.9	-34.35	-34.34	-34.59	86.4	0.1	Valve Adjustment:No Change
OXEW1917	8/4/2022 13:45	52.9	41.3	0.1	5.7	-32.01	-32.02	-36.73	78.9	3.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW1917	8/17/2022 9:45	54.1	40.4	0.0	5.5	-29.81	-29.80	-35.56	78.2	3.9	Valve Adjustment:No Change
OXEW1918	8/5/2022 12:47	53.8	33.7	0.1	12.4	-0.05	-0.05	-43.47	71.6	1.0	Valve Adjustment:No Change,Valve at minimum position
OXEW1919	8/2/2022 12:11	35.1	31.7	0.0	33.2	-1.27	-1.08	-44.73	82.1	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	8/16/2022 9:22	59.0	39.0	0.0	2.0	-0.14	-0.72	-29.72	89.8	2.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1920	8/2/2022 12:07	35.5	26.8	2.1	35.6	-0.09	-0.09	-43.99	82.6	0.3	Valve Adjustment:No Change
OXEW1920	8/19/2022 9:05	26.2	25.9	0.9	47.0	-19.05	-18.52	-35.95	63.3	16.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1921	8/2/2022 11:46	50.1	38.8	0.2	10.9	-28.94	-29.03	-32.94	113.2	29.4	Valve Adjustment:No Change
OXEW1921	8/16/2022 8:57	54.7	38.5	0.1	6.7	-33.58	-33.81	-37.08	117.0	33.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXEW2001	8/4/2022 13:29	40.2	38.5	0.0	21.3	-1.23	-1.20	-36.91	123.6	8.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2001	8/24/2022 12:09	55.6	44.3	0.1	0.0	0.18	-0.06	-46.58	131.8	11.1	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open
OXEW2001	8/24/2022 12:11	51.0	39.0	1.7	8.3	-0.07	-0.06	-48.64	132.4	12.2	Valve Adjustment:NSPS,No Change
OXEW2002	8/2/2022 13:42	48.4	40.6	0.1	10.9	-39.25	-38.82	-49.17	121.4	39.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 55% open
OXEW2002	8/19/2022 9:21	55.4	39.9	0.0	4.7	-24.36	-25.03	-39.11	122.0	34.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2003	8/2/2022 13:15	54.4	42.0	0.2	3.4	-47.26	-47.30	-48.09	118.8	4.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2003	8/19/2022 9:14	55.9	41.3	0.0	2.8	-38.57	-38.57	-39.26	116.0	5.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2003	8/22/2022 9:47	55.4	42.9	0.0	1.7	-40.26	-40.05	-40.48	116.7	4.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2004	8/2/2022 12:43	52.1	41.6	0.0	6.3	-39.78	-39.73	-48.91	129.8	63.6	Valve Adjustment:No Change
OXEW2004	8/16/2022 10:27	51.7	38.9	0.1	9.3	-32.75	-32.77	-38.78	129.9	53.7	Valve Adjustment:No Change

OXEW2005	8/2/2022 12:28	51.7	40.5	0.0	7.8	-3.42	-3.37	-45.42	124.6	6.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2005	8/16/2022 9:49	55.1	44.5	0.0	0.4	-2.19	-2.19	-35.57	120.6	2.9	Valve Adjustment:No Change
OXEW2006	8/2/2022 11:51	16.8	21.9	0.1	61.2	-0.55	-0.55	-33.26	78.0	0.1	Valve Adjustment:No Change
OXEW2007	8/2/2022 11:40	58.3	40.1	0.2	1.4	-20.84	-20.95	-21.35	100.4	1.0	Valve Adjustment:No Change
OXEW2007	8/19/2022 8:55	57.9	37.2	0.5	4.4	-31.13	-31.46	-36.06	108.1	42.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2007	8/22/2022 10:06	56.5	39.6	0.0	3.9	-34.13	-36.79	-37.41	109.8	13.9	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 50% open
OXEW2008	8/2/2022 12:17	56.7	33.9	0.2	9.2	-44.67	-44.69	-45.14	80.7	4.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2008	8/19/2022 8:50	57.9	33.7	0.0	8.4	-36.23	-36.37	-36.20	69.7	1.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXEW2008	8/22/2022 10:00	53.7	35.0	0.0	11.3	-37.18	-37.31	-37.04	74.9	3.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2009	8/4/2022 14:33	47.8	38.7	3.4	10.1	-46.12	-46.11	-46.20	95.6	10.7	Valve Adjustment:Valve 100% open,Closed valve 1/2 turn or less
OXEW2009	8/19/2022 9:40	54.9	43.3	0.2	1.6	-34.15	-36.24	-36.88	102.2	11.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2009	8/22/2022 9:38	54.1	43.6	0.3	2.0	-37.85	-38.47	-38.48	102.7	12.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 50% open
OXEW2010	8/4/2022 13:49	50.8	39.7	0.0	9.5	-8.92	-8.73	-36.80	77.3	3.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2010	8/19/2022 9:34	23.3	30.9	3.4	42.4	-36.88	-36.86	-36.78	74.7	9.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2011	8/4/2022 13:03	49.7	39.6	0.0	10.7	-5.82	-4.57	-36.76	115.0	13.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2011	8/16/2022 13:26	52.0	38.2	0.0	9.8	-2.40	-2.41	-35.48	116.5	11.0	Valve Adjustment:No Change
OXEW2012	8/2/2022 13:27	50.7	39.5	0.1	9.7	-33.87	-32.90	-49.78	112.6	27.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2012	8/16/2022 11:11	54.6	41.9	0.0	3.5	-24.74	-24.74	-38.62	113.3	23.9	Valve Adjustment:No Change
OXEW2016	8/5/2022 13:17	58.5	41.5	0.0	0.0	-0.06	-0.06	-42.86	129.9	17.4	Valve Adjustment:No Change
OXEW2016	8/26/2022 14:09	54.5	40.9	0.0	4.6	-1.67	-1.66	-44.23	130.4	11.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2017	8/5/2022 13:10	58.9	41.0	0.1	0.0	-0.18	-0.18	-41.81	127.9	14.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2017	8/26/2022 14:13	57.9	41.4	0.7	0.0	-1.59	-1.58	-43.64	127.0	14.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2019	8/5/2022 13:02	61.5	36.4	0.0	2.1	3.14	3.16	3.24	93.8	2.1	Valve Adjustment:NSPS,No Change,Valve 100% open
OXEW2019	8/5/2022 13:05	61.5	37.1	0.0	1.4	3.20	3.12	3.29	93.9	1.9	Valve Adjustment:NSPS,No Change,Valve 100% open
OXEW2020	8/5/2022 14:04	59.4	39.1	0.1	1.4	-5.25	-5.23	-44.34	130.3	9.3	Valve Adjustment:No Change,Valve 5% open
OXEW2020	8/25/2022 11:49	59.4	39.5	0.0	1.1	-6.37	-3.52	-44.48	132.8	9.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW2020	8/25/2022 11:50	58.2	39.8	2.0	0.0	-3.08	-3.07	-44.51	129.6	4.5	Valve Adjustment:No Change
OXEW2020	8/25/2022 13:25	57.1	42.8	0.1	0.0	-1.45	-4.11	-43.87	127.6	4.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 15% open
OXEW2021	8/3/2022 14:29	59.2	40.8	0.0	0.0	-0.59	-2.94	-40.14	89.9	2.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2021	8/11/2022 13:06	52.4	34.6	2.6	10.4	-0.90	-0.90	-32.41	103.7	2.6	Valve Adjustment:No Change
OXEW2021	8/25/2022 12:13	48.3	33.4	3.7	14.6	-2.35	-2.34	-45.51	90.8	2.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2022	8/11/2022 13:54	56.6	38.1	0.2	5.1	-36.83	-36.85	-38.21	127.3	33.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
OXEW2022	8/26/2022 10:19	55.1	38.8	0.0	6.1	-42.98	-42.99	-45.09	126.4	34.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXEW2023	8/12/2022 12:16	0.0	0.0	1.4	98.6	-35.26	-34.50	-37.59	125.2	18.8	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 90% open
OXEW2023	8/19/2022 10:13	59.1	39.5	0.2	1.2	-8.65	-14.19	-32.08	123.9	35.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open

OXEW2023	8/22/2022 9:17	58.5	41.1	0.4	0.0	-22.79	-30.70	-33.21	124.1	47.9	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 70% open
OXEW2023	8/25/2022 12:10	57.2	42.6	0.2	0.0	-38.23	-39.13	-39.58	124.0	51.5	Valve Adjustment:Valve 100% open,Opened valve >1 turn
OXEW2024	8/5/2022 14:13	51.5	36.4	0.1	12.0	-8.81	-8.63	-42.75	114.2	59.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXEW2024	8/18/2022 11:05	47.0	35.2	0.2	17.6	-7.24	-7.37	-34.39	114.4	52.6	Valve Adjustment:No Change
OXEW2026	8/9/2022 10:46	57.6	38.9	0.1	3.4	-30.31	-29.98	-44.44	100.9	93.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2026	8/17/2022 13:41	59.0	38.3	0.0	2.7	-26.80	-26.83	-39.66	101.3	84.0	Valve Adjustment:No Change
OXEW2026	8/26/2022 11:32	59.5	39.3	0.0	1.2	-31.90	-32.19	-45.65	100.3	90.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2027	8/5/2022 13:07	61.7	36.9	0.0	1.4	3.20	3.47	3.48	76.5	2.9	Valve Adjustment:NSPS,No Change,Valve 100% open
OXEW2027	8/5/2022 13:07	61.9	37.3	0.0	0.8	3.32	3.40	3.51	76.6	4.7	Valve Adjustment:NSPS,No Change,Valve 100% open
OXEW2027	8/30/2022 8:22	61.8	36.6	0.7	0.9	-44.66	-44.76	-44.87	71.5	16.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2028	8/9/2022 10:42	45.9	32.1	3.7	18.3	-42.94	-42.93	-43.44	73.5	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2028	8/26/2022 11:35	53.2	36.8	1.7	8.3	-44.16	-44.52	-44.54	67.6	2.7	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 25% open
OXEW2029	8/11/2022 13:59	52.6	37.2	0.2	10.0	-4.79	-4.80	-38.83	123.4	27.5	Valve Adjustment:No Change
OXEW2029	8/25/2022 9:48	49.1	38.1	0.3	12.5	-7.77	-7.23	-46.72	121.3	28.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW2030	8/12/2022 9:06	58.4	39.7	0.0	1.9	-34.89	-34.57	-36.40	124.0	27.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2030	8/26/2022 13:50	59.1	40.9	0.0	0.0	-19.81	-19.89	-20.26	123.1	17.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2031	8/4/2022 13:18	55.9	40.6	0.0	3.5	-27.35	-27.35	-33.85	125.9	60.6	Valve Adjustment:No Change,Valve 100% open
OXEW2031	8/5/2022 13:24	57.4	40.0	0.0	2.6	-33.43	-33.56	-41.81	126.3	30.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2031	8/25/2022 11:21	58.0	41.9	0.1	0.0	-20.70	-24.23	-43.31	121.9	32.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2031	8/25/2022 12:28	57.9	41.7	0.4	0.0	-36.21	-39.33	-42.57	125.2	23.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2101	8/1/2022 15:01	49.4	38.9	0.0	11.7	-0.98	-0.96	-41.31	126.3	18.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2101	8/23/2022 13:25	52.0	40.5	0.0	7.5	-0.82	-0.82	-45.27	126.4	6.3	Valve Adjustment:No Change
OXEW2102	8/10/2022 13:42	59.5	40.5	0.0	0.0	-32.56	-32.47	-33.86	104.0	21.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2102	8/18/2022 11:15	56.3	37.9	0.2	5.6	-27.84	-27.83	-29.64	103.3	20.7	Valve Adjustment:No Change
OXEW2102	8/25/2022 12:21	58.4	41.6	0.0	0.0	-18.79	-18.81	-19.89	77.1	9.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2103	8/5/2022 14:17	51.1	36.1	1.3	11.5	-8.79	-8.74	-44.99	105.2	72.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2103	8/18/2022 11:09	51.1	38.4	1.0	9.5	-6.84	-7.00	-35.16	106.5	66.4	Valve Adjustment:No Change
OXEW2104	8/2/2022 10:19	53.9	40.5	0.2	5.4	-27.79	-0.01	-48.38	114.7	45.3	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 15% open
OXEW2104	8/5/2022 9:11	58.6	41.4	0.0	0.0	-4.84	-14.09	-50.11	115.6	24.4	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 65% open
OXEW2104	8/5/2022 14:31	56.8	38.4	0.0	4.8	-22.10	-1.65	-52.68	114.6	33.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2104	8/8/2022 11:27	58.0	39.0	0.0	3.0	1.88	-0.37	-37.90	112.3	9.5	Valve Adjustment:NSPS/CAI,Opened valve >10% ,Valve 30% open
OXEW2104	8/8/2022 11:28	58.0	39.7	0.0	2.3	-0.70	-1.63	-39.19	115.8	2.2	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 35% open
OXEW2104	8/8/2022 14:05	56.0	37.8	0.2	6.0	-18.45	-0.30	-43.37	116.1	29.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW2104	8/10/2022 12:58	60.8	39.2	0.0	0.0	2.80	-0.05	-32.54	80.3	4.4	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 30% open
OXEW2104	8/10/2022 13:02	59.7	40.3	0.0	0.0	-9.40	-9.42	-36.27	111.0	27.9	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 60% open

OXEW2104	8/17/2022 13:52	58.6	40.5	0.2	0.7	-14.60	-14.78	-43.49	115.8	30.9	Valve Adjustment:No Change
OXEW2104	8/26/2022 11:41	49.1	37.3	0.0	13.6	-17.92	-18.19	-51.09	115.2	30.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2106	8/5/2022 12:28	56.4	38.8	0.2	4.6	-28.45	-28.53	-29.79	117.6	19.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2106	8/17/2022 13:00	56.2	38.2	0.0	5.6	-24.59	-24.59	-25.60	117.7	18.9	Valve Adjustment:No Change
OXEW2106	8/26/2022 12:44	54.7	39.6	0.0	5.7	-30.84	-30.84	-31.92	117.5	16.2	Valve Adjustment:No Change,Valve 100% open
OXEW2106	8/26/2022 12:54	54.4	38.7	0.1	6.8	-30.84	-30.85	-31.88	117.4	14.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2107	8/4/2022 13:33	54.0	43.4	0.0	2.6	-33.87	-34.35	-34.98	122.5	26.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2107	8/24/2022 12:22	54.8	44.1	0.0	1.1	-24.88	-23.42	-39.33	131.4	12.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW2107	8/24/2022 12:23	54.8	44.1	0.9	0.2	-23.32	-23.29	-39.18	130.3	10.8	Valve Adjustment:No Change
OXEW2108	8/2/2022 13:32	47.5	39.0	0.0	13.5	-20.08	-20.01	-48.41	127.7	32.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2108	8/16/2022 10:59	51.1	40.4	0.0	8.5	-13.09	-13.07	-38.40	129.2	32.4	Valve Adjustment:No Change
OXEW2109	8/4/2022 13:11	56.4	43.6	0.0	0.0	-0.30	-0.65	-39.50	73.5	5.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	8/16/2022 13:29	36.1	33.4	0.0	30.5	-11.14	-11.14	-36.65	99.6	4.3	Valve Adjustment:No Change
OXEW2110	8/12/2022 12:22	60.2	39.0	0.0	0.8	-35.86	-35.86	-36.06	108.9	4.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXEW2110	8/25/2022 12:16	58.0	42.0	0.0	0.0	-38.52	-38.47	-38.41	107.2	6.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2111	8/5/2022 13:12	54.8	37.1	0.0	8.1	-8.32	-8.72	-42.24	97.2	92.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXEW2111	8/25/2022 14:49	51.0	37.9	0.0	11.1	-8.96	-8.96	-42.07	97.1	95.6	Valve Adjustment:No Change
OXEW2112	8/9/2022 11:03	55.3	38.0	0.0	6.7	-37.28	-37.77	-43.58	100.2	2.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2112	8/17/2022 12:37	55.7	40.9	0.0	3.4	-31.36	-31.36	-36.25	101.3	7.3	Valve Adjustment:No Change
OXEW2113	8/9/2022 11:18	47.4	36.6	0.4	15.6	-31.44	-31.16	-43.85	121.4	72.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW2113	8/17/2022 12:42	51.8	36.8	0.3	11.1	-26.76	-26.75	-36.21	121.9	63.3	Valve Adjustment:No Change
OXEW2207	8/22/2022 13:39	61.1	38.9	0.0	0.0	6.00	6.00	-28.69	73.8	7.7	Valve Adjustment:No Change
OXEW2207	8/22/2022 13:45	61.1	38.9	0.0	0.0	6.00	3.01	-28.61	73.8	8.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2207	8/22/2022 16:52	61.9	36.7	0.1	1.3	1.34	0.65	-21.60	109.6	6.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2207	8/23/2022 10:44	58.1	37.0	0.1	4.8	-2.57	-4.09	-29.13	113.6	25.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2207	8/23/2022 13:45	59.5	37.7	0.1	2.7	-7.87	-10.45	-25.64	114.5	68.3	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 45% open
OXEW2207	8/24/2022 10:40	57.5	37.1	0.2	5.2	-13.33	-13.91	-22.55	114.8	89.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2207	8/24/2022 13:53	59.6	38.1	0.0	2.3	-13.80	-14.58	-20.88	115.1	91.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW2207	8/25/2022 11:29	58.5	41.5	0.0	0.0	-15.32	-16.38	-20.70	114.9	95.2	Valve Adjustment:Valve 100% open,Opened valve >1 turn
OXEW2207	8/30/2022 9:24	57.4	38.3	0.0	4.3	-17.40	-17.62	-20.10	115.7	103.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2208	8/22/2022 15:20	59.6	37.8	0.1	2.5	0.94	0.94	-29.53	119.3	4.9	Valve Adjustment:No Change
OXEW2208	8/22/2022 15:24	59.7	39.5	0.0	0.8	0.94	0.47	-29.47	119.2	1.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2208	8/22/2022 17:38	59.4	37.6	0.1	2.9	-0.45	-0.94	-29.09	124.3	24.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2208	8/23/2022 12:01	57.5	39.1	0.0	3.4	-4.01	-4.73	-32.67	123.7	63.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2208	8/23/2022 14:39	58.1	39.1	0.0	2.8	-6.67	-9.08	-37.75	123.4	89.5	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 50% open

OXEW2208	8/24/2022 10:59	47.7	37.5	0.0	14.8	-13.10	-12.32	-34.02	122.2	144.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW2208	8/24/2022 13:35	46.9	38.1	0.0	15.0	-10.98	-10.37	-35.99	122.5	126.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2208	8/25/2022 14:45	44.2	35.9	0.0	19.9	-8.28	-6.24	-33.92	122.1	103.4	Valve Adjustment:Closed valve >1 turn,Valve 10% open
OXEW2208	8/26/2022 12:26	51.2	37.8	0.0	11.0	-1.08	-1.09	-42.84	122.6	31.3	Valve Adjustment:No Change,Valve 10% open
OXEW2208	8/30/2022 10:16	56.4	39.0	0.0	4.6	-1.19	-1.25	-41.87	123.6	30.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2209	8/22/2022 13:53	59.7	39.7	0.0	0.6	28.66	28.57	-31.46	84.5	7.0	Valve Adjustment:No Change
OXEW2209	8/22/2022 13:56	59.6	39.7	0.0	0.7	28.67	13.16	-31.46	84.7	15.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2209	8/22/2022 16:58	59.7	36.9	0.1	3.3	-15.75	-25.00	-27.21	103.3	10.3	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 25% open
OXEW2209	8/23/2022 10:50	60.6	37.5	0.0	1.9	-36.99	-38.38	-39.36	104.3	13.9	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 50% open
OXEW2209	8/23/2022 13:50	60.6	39.2	0.2	0.0	-38.81	-39.00	-39.19	104.7	15.4	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 70% open
OXEW2209	8/24/2022 10:37	59.1	38.0	0.0	2.9	-39.20	-38.93	-39.47	102.8	15.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXEW2209	8/24/2022 13:48	59.4	38.8	0.0	1.8	-38.56	-39.00	-38.47	104.0	15.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2209	8/25/2022 11:35	58.6	41.4	0.0	0.0	-39.17	-38.91	-39.26	102.8	11.7	Valve Adjustment:No Change,Valve 100% open
OXEW2209	8/30/2022 9:19	59.9	37.9	0.0	2.2	-39.79	-39.10	-39.68	103.0	12.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2210	8/22/2022 14:59	58.9	40.8	0.0	0.3	-0.71	-0.71	-2.66	110.7	23.7	Valve Adjustment:No Change
OXEW2210	8/22/2022 15:02	58.9	41.0	0.1	0.0	-0.66	-1.23	-2.57	110.4	19.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2210	8/22/2022 17:27	59.1	40.7	0.0	0.2	-0.97	-1.57	-2.04	113.1	10.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2210	8/23/2022 11:51	58.1	39.5	0.0	2.4	-2.71	-2.77	-2.72	115.7	4.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2210	8/23/2022 14:28	58.9	40.4	0.1	0.6	-2.66	-2.73	-2.81	115.1	6.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2210	8/24/2022 9:41	57.2	38.4	0.1	4.3	-3.29	-3.32	-3.43	112.2	5.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2210	8/24/2022 13:23	58.3	40.2	0.1	1.4	-3.08	-3.10	-2.84	114.6	5.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2210	8/25/2022 11:05	57.9	41.9	0.2	0.0	-3.55	-3.40	-3.23	112.1	4.8	Valve Adjustment:Valve 100% open,Opened valve >1 turn
OXEW2210	8/30/2022 10:30	59.4	37.2	0.2	3.2	-5.74	-5.74	-5.45	118.4	4.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2211	8/22/2022 14:37	59.7	40.1	0.0	0.2	-8.09	-8.09	-29.39	122.3	17.2	Valve Adjustment:No Change
OXEW2211	8/22/2022 14:40	59.6	40.1	0.1	0.2	-8.21	-9.17	-29.56	122.3	18.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2211	8/22/2022 17:16	59.7	40.2	0.1	0.0	-9.41	-17.29	-27.77	122.8	19.7	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 25% open
OXEW2211	8/23/2022 11:21	59.2	39.9	0.0	0.9	-26.37	-30.54	-36.48	124.5	43.2	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 35% open
OXEW2211	8/23/2022 14:14	60.1	39.1	0.0	0.8	-31.53	-34.28	-37.70	124.7	50.8	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 50% open
OXEW2211	8/24/2022 9:23	59.0	39.6	0.0	1.4	-35.42	-36.10	-38.17	124.2	54.4	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 70% open
OXEW2211	8/24/2022 13:11	59.9	38.2	0.1	1.8	-36.06	-36.93	-37.53	124.5	55.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 80% open
OXEW2211	8/25/2022 11:54	58.1	41.8	0.1	0.0	-36.03	-36.39	-36.61	124.0	42.5	Valve Adjustment:Valve 100% open,Opened valve >1 turn
OXEW2211	8/30/2022 9:09	59.5	39.2	0.0	1.3	-37.23	-37.17	-38.47	124.5	57.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2212	8/22/2022 14:23	59.5	39.6	0.0	0.9	1.17	1.17	-35.62	77.4	6.0	Valve Adjustment:No Change
OXEW2212	8/22/2022 14:27	59.7	39.9	0.0	0.4	1.20	0.61	-35.42	77.1	0.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2212	8/22/2022 17:10	59.8	40.1	0.0	0.1	0.48	0.24	-33.68	109.2	5.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less

OXEW2212	8/23/2022 11:09	58.9	38.6	0.0	2.5	-0.18	-1.31	-44.91	114.3	12.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2212	8/23/2022 14:06	59.5	39.6	0.0	0.9	-1.76	-3.83	-44.86	116.1	25.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2212	8/24/2022 9:13	58.2	39.6	0.0	2.2	-4.48	-12.21	-43.81	114.2	44.7	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 40% open
OXEW2212	8/24/2022 13:03	55.5	39.7	0.2	4.6	-14.73	-15.94	-43.30	114.2	113.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW2212	8/25/2022 11:43	42.2	40.1	0.0	17.7	-16.61	-4.98	-42.45	111.9	118.1	Valve Adjustment:Closed valve >1 turn,Valve 5% open
OXEW2212	8/26/2022 11:45	43.1	37.6	0.0	19.3	-4.63	-4.28	-44.64	112.3	38.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2212	8/30/2022 8:35	47.0	36.0	0.0	17.0	-2.62	-2.53	-43.65	112.9	32.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2213	8/22/2022 14:07	59.7	39.4	0.0	0.9	7.77	7.76	-36.78	74.3	6.8	Valve Adjustment:No Change
OXEW2213	8/22/2022 14:14	59.5	39.4	0.0	1.1	7.86	3.94	-36.45	74.3	8.7	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 15% open
OXEW2213	8/22/2022 17:05	58.3	39.8	0.0	1.9	1.36	0.68	-33.98	109.7	39.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2213	8/23/2022 11:00	57.7	39.6	0.0	2.7	-1.93	-4.87	-44.40	110.2	51.6	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 30% open
OXEW2213	8/23/2022 13:57	58.4	39.9	0.0	1.7	-7.72	-10.57	-45.37	110.1	82.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2213	8/24/2022 9:08	58.1	39.5	0.1	2.3	-15.81	-17.75	-46.37	109.3	113.7	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 45% open
OXEW2213	8/24/2022 12:56	58.6	41.0	0.2	0.2	-20.21	-23.94	-45.00	109.4	131.2	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 60% open
OXEW2213	8/25/2022 14:37	58.6	40.0	0.1	1.3	-24.87	-28.30	-41.01	108.5	144.7	Valve Adjustment:Valve 100% open,Opened valve >1 turn
OXEW2213	8/30/2022 9:33	56.0	39.4	0.0	4.6	-33.83	-33.84	-44.22	107.9	181.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2214	8/22/2022 14:49	54.7	37.9	0.0	7.4	-1.46	-1.46	-34.69	104.5	9.3	Valve Adjustment:No Change
OXEW2214	8/22/2022 14:52	54.4	38.3	0.0	7.3	-1.49	-3.00	-34.30	104.4	9.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2214	8/22/2022 17:22	55.4	37.9	0.0	6.7	-2.80	-4.41	-32.95	107.0	16.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2214	8/23/2022 11:42	48.2	36.9	0.0	14.9	-5.77	-4.70	-44.19	107.8	34.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2214	8/23/2022 14:21	48.1	37.1	0.0	14.8	-4.99	-3.97	-44.99	107.3	29.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2214	8/24/2022 9:32	44.2	36.9	0.0	18.9	-3.60	-2.96	-44.80	105.2	18.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2214	8/24/2022 13:17	43.7	36.5	0.0	19.8	-2.85	-2.68	-45.20	105.6	16.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2214	8/25/2022 10:35	41.5	37.6	0.1	20.8	-2.59	-1.52	-45.18	104.1	14.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW2214	8/26/2022 13:17	43.3	34.3	0.0	22.4	-1.38	-1.01	-46.68	102.3	7.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2214	8/30/2022 8:46	48.1	35.9	0.0	16.0	-0.96	-0.84	-45.61	100.0	2.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	8/12/2022 13:45	0.0	6.7	12.7	80.6	0.87	-0.55	-43.68	74.3	0.1	Valve Adjustment:NSPS,Opened valve 1/2 turn or less
OXEWHC6A**	8/12/2022 13:45	0.0	7.0	12.9	80.1	-13.22	-13.44	-43.56	77.8	1.4	Valve Adjustment:No Change
OXEWHC6A**	8/29/2022 10:57	0.1	1.6	19.5	78.8	-45.79	-45.89	-46.44	78.2	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	8/29/2022 11:03	0.0	0.4	21.0	78.6	-44.74	-44.68	-46.06	77.1	0.1	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXHC1922	8/9/2022 11:13	49.7	36.7	1.7	11.9	-0.31	-0.32	-40.91	95.4	8.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXHC1922	8/12/2022 8:38	49.2	34.6	1.9	14.3	-0.06	-0.04	-42.57	78.6	16.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXHC1922	8/15/2022 10:46	59.1	40.3	0.0	0.6	-0.27	-0.74	-37.60	91.3	12.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXHC1922	8/17/2022 12:46	38.7	29.6	4.4	27.3	-0.90	-0.89	-35.05	94.0	19.4	Valve Adjustment:No Change
OXHC2000	8/12/2022 12:59	37.8	21.8	0.7	39.7	-26.62	-25.37	-44.27	102.5	54.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open

OXHC2000	8/26/2022 11:22	44.3	26.9	0.8	28.0	-26.36	-23.45	-47.54	76.6	48.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXHC2001	8/12/2022 13:01	58.8	35.5	2.1	3.6	-2.42	-2.48	-52.92	89.2	77.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXHC2001	8/26/2022 11:25	60.0	36.7	0.0	3.3	-2.70	-4.17	-54.09	78.5	81.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXHC2013	8/5/2022 11:44	53.9	39.2	0.0	6.9	-0.87	-0.89	-43.62	81.8	5.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXHC2013	8/17/2022 11:43	54.2	41.2	0.1	4.5	-10.89	-4.66	-35.19	78.4	22.9	Valve Adjustment:No Change
OXHC2014	8/9/2022 11:08	55.4	40.4	0.0	4.2	-1.47	-1.45	-43.45	82.6	45.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 85% open
OXHC2014	8/17/2022 12:27	58.8	40.2	0.1	0.9	-1.07	-1.06	-36.36	82.9	44.6	Valve Adjustment:No Change
OXHC2015	8/4/2022 10:57	58.9	39.5	0.0	1.6	-0.41	-0.50	-42.78	85.0	25.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXHC2015	8/19/2022 10:40	58.6	39.3	0.2	1.9	-0.37	-0.57	-41.93	75.9	28.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXHC2101	8/15/2022 11:16	58.1	38.1	0.0	3.8	-1.66	-1.67	-9.58	86.6	42.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXHC2101	8/29/2022 13:39	57.8	38.0	0.1	4.1	0.11	0.11	-0.15	78.2	5.4	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less
OXHC2101	8/29/2022 13:40	59.7	39.8	0.5	0.0	0.10	0.11	0.04	78.1	8.2	Valve Adjustment:No Change
OXLCR4A1	8/4/2022 11:01	59.4	39.0	0.0	1.6	-12.56	-12.79	-42.43	73.6	15.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCR4A1	8/19/2022 10:44	59.4	38.5	0.0	2.1	-11.08	-13.26	-42.00	68.0	36.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCR4B1	8/4/2022 11:05	56.4	38.9	0.9	3.8	-0.52	-0.62	-41.77	79.9	5.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCR4B1	8/19/2022 10:46	56.2	38.7	0.7	4.4	-0.21	-0.37	-41.19	71.0	1.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXLCRS07	8/12/2022 13:07	49.3	31.5	4.8	14.4	-9.36	-10.08	-47.76	85.6	121.9	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 70% open
OXLCRS07	8/26/2022 11:32	44.5	29.9	5.3	20.3	-8.65	-6.35	-52.82	84.0	111.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 55% open
OXLCRS07	8/26/2022 11:37	46.0	30.3	4.7	19.0	-1.98	-1.95	-47.00	85.1	38.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXLCRS10	8/15/2022 11:21	58.4	40.5	1.1	0.0	-1.14	-1.10	-4.82	86.4	14.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS10	8/29/2022 13:44	59.6	39.1	1.3	0.0	0.34	0.31	0.18	88.1	2.9	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less
OXLCRS10	8/29/2022 13:45	61.1	38.9	0.0	0.0	0.34	0.33	0.13	88.2	3.2	Valve Adjustment:NSPS,No Change
OXLCRS11	8/15/2022 11:23	53.0	34.7	1.6	10.7	-0.44	-0.45	-3.79	83.5	14.6	Valve Adjustment:No Change,Valve 100% open
OXLCRS11	8/29/2022 13:48	60.1	39.9	0.0	0.0	0.19	0.20	0.03	82.3	2.0	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less
OXLCRS11	8/29/2022 13:48	57.8	42.1	0.1	0.0	0.25	0.24	0.06	82.4	1.8	Valve Adjustment:NSPS,No Change
OXLCRS3A	8/5/2022 11:26	56.7	43.2	0.1	0.0	-33.07	-32.76	-40.46	94.9	148.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS3A	8/26/2022 9:09	56.8	43.2	0.0	0.0	-38.02	-38.74	-43.75	91.1	121.8	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	8/5/2022 11:24	56.9	43.0	0.1	0.0	-37.34	-35.58	-41.56	95.1	119.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS3B	8/26/2022 9:08	57.0	43.0	0.0	0.0	-40.01	-39.89	-44.30	91.6	118.5	Valve Adjustment:No Change,Valve 100% open
OXLCRS7B	8/12/2022 13:10	47.3	30.4	4.7	17.6	-13.64	-12.22	-31.86	86.5	20.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXLCRS7B	8/26/2022 11:40	46.3	30.6	4.5	18.6	-6.31	-6.09	-38.58	84.8	50.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 70% open
OXLCRS9A	8/9/2022 11:23	54.1	43.7	0.0	2.2	-36.69	-36.80	-43.10	77.1	7.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXLCRS9A	8/17/2022 12:30	58.4	39.4	0.0	2.2	-26.75	-26.64	-35.99	78.4	12.0	Valve Adjustment:No Change
OXLCRS9B	8/9/2022 11:26	52.2	44.9	0.0	2.9	-0.02	-0.12	-43.45	76.8	18.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXLCRS9B	8/17/2022 12:33	55.3	43.1	0.0	1.6	-0.20	-0.20	0.47	77.7	22.6	Valve Adjustment:No Change

OXME302D	8/12/2022 11:04	50.3	32.2	3.5	14.0	-15.28	-15.18	-42.70	119.6	70.0	Valve Adjustment:Closed valve 1/2 turn or less
OXME302D	8/25/2022 12:07	58.5	37.4	2.7	1.4	-14.70	-14.17	-45.44	118.8	80.5	Valve Adjustment:Opened valve 1/2 turn or less
OXME306D	8/3/2022 12:07	57.6	42.4	0.0	0.0	-40.16	-40.18	-40.78	127.4	18.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME306D	8/25/2022 12:27	57.6	39.9	0.0	2.5	-43.41	-43.44	-44.10	126.7	16.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME306D	8/25/2022 15:10	55.0	40.5	0.0	4.5	-42.76	-42.75	-43.89	126.6	17.0	Valve Adjustment:No Change,Valve 100% open
OXME312D	8/11/2022 14:06	51.0	37.8	0.0	11.2	-0.73	-0.72	-38.07	109.0	7.1	Valve Adjustment:Closed valve 1/2 turn or less
OXME312D	8/25/2022 9:39	52.0	38.6	0.0	9.4	-2.36	-2.35	-44.79	106.6	9.7	Valve Adjustment:No Change
OXME316D	8/9/2022 12:16	58.8	40.1	0.8	0.3	-36.47	-36.57	-38.78	126.2	28.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME316D	8/25/2022 8:44	58.8	38.9	0.0	2.3	-39.85	-39.86	-41.53	127.2	27.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME317D	8/9/2022 12:25	58.9	40.8	0.3	0.0	-40.90	-41.05	-41.12	85.5	13.5	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	8/25/2022 8:51	58.3	39.3	0.0	2.4	-43.63	-43.71	-43.36	75.4	7.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW113	8/3/2022 13:30	50.6	39.2	2.2	8.0	-9.68	-9.33	-40.09	91.1	32.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW113	8/26/2022 10:17	44.1	36.7	3.7	15.5	-9.21	-9.04	-44.48	76.0	36.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	8/5/2022 13:57	57.5	36.4	1.4	4.7	-44.07	-44.07	-43.99	90.0	3.6	Valve Adjustment:No Change,Valve 100% open
OXMEW122	8/29/2022 12:46	58.9	40.8	0.3	0.0	-44.29	-44.27	-44.53	86.2	8.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW126	8/8/2022 9:04	58.0	42.0	0.0	0.0	-31.92	-31.96	-31.76	77.9	13.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW126	8/26/2022 9:41	57.3	42.6	0.1	0.0	-44.94	-44.84	-45.67	78.3	4.9	Valve Adjustment:No Change,Valve 100% open
OXMEW138	8/5/2022 11:22	52.8	41.5	0.1	5.6	-2.12	-2.12	-41.12	78.4	5.5	Valve Adjustment:No Change,Valve at minimum position
OXMEW138	8/26/2022 9:06	52.3	40.6	0.0	7.1	-2.17	-2.17	-43.55	77.7	5.5	Valve Adjustment:No Change,Valve 5% open
OXMEW145	8/3/2022 13:36	53.2	41.9	0.1	4.8	-39.28	-39.22	-40.11	99.5	27.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW145	8/26/2022 10:14	49.0	39.5	1.7	9.8	-43.34	-43.34	-44.46	92.7	22.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMEW156	8/3/2022 11:13	47.4	38.0	0.5	14.1	-26.37	-26.30	-41.89	77.2	6.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW156	8/16/2022 11:55	54.9	39.0	0.5	5.6	-23.66	-23.65	-37.40	82.7	6.2	Valve Adjustment:No Change
OXMEW158	8/8/2022 8:55	50.0	42.9	0.0	7.1	-31.64	-30.54	-34.48	73.0	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW158	8/26/2022 9:49	48.9	45.5	0.1	5.5	-39.29	-37.10	-45.48	70.5	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW159	8/8/2022 8:58	48.5	42.9	0.0	8.6	-21.90	-20.91	-33.99	73.0	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW159	8/26/2022 9:47	50.5	44.0	0.0	5.5	-16.38	-16.22	-45.68	71.1	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW162	8/5/2022 11:04	58.0	36.0	1.0	5.0	-18.77	-18.71	-43.20	79.6	7.0	Valve Adjustment:No Change
OXMEW162	8/25/2022 13:30	57.7	36.2	0.9	5.2	-20.39	-23.80	-44.10	74.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW170	8/2/2022 11:25	30.7	28.4	0.0	40.9	-42.81	-42.89	-45.70	76.3	0.9	Valve Adjustment:No Change
OXMEW170	8/16/2022 8:48	32.5	29.4	0.0	38.1	-34.44	-34.40	-36.22	73.8	0.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW173	8/2/2022 12:57	34.4	34.2	0.9	30.5	-2.61	-2.60	-48.21	98.3	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	8/16/2022 10:45	39.8	35.9	1.0	23.3	-2.04	-2.04	-37.55	100.1	6.1	Valve Adjustment:No Change
OXMEW174	8/3/2022 11:09	25.9	28.4	2.7	43.0	-2.84	-2.30	-41.28	73.8	7.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW174	8/16/2022 11:53	40.4	34.4	0.1	25.1	-1.43	-1.43	-37.21	82.3	4.1	Valve Adjustment:No Change

OXMEW175	8/3/2022 11:20	25.8	30.9	0.1	43.2	-8.89	-8.97	-42.46	85.4	7.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW175	8/16/2022 12:02	42.6	33.8	0.1	23.5	-7.08	-7.08	-37.65	90.4	7.0	Valve Adjustment:No Change
OXMEW176	8/4/2022 14:15	58.7	39.8	0.1	1.4	-17.53	-17.57	-43.14	111.6	42.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW176	8/17/2022 11:10	57.5	41.2	0.0	1.3	-15.49	-15.52	-33.84	111.6	40.3	Valve Adjustment:No Change
OXMEW181	8/8/2022 8:30	54.9	41.0	0.0	4.1	-20.99	-21.28	-36.01	113.2	37.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	8/25/2022 10:46	53.7	37.6	0.1	8.6	-28.56	-28.21	-45.05	112.8	30.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW182	8/9/2022 12:42	54.8	39.9	0.1	5.2	-38.09	-38.09	-43.05	121.7	18.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW182	8/25/2022 9:05	53.3	39.4	0.0	7.3	-40.24	-40.25	-44.86	121.1	16.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW183	8/8/2022 10:35	52.0	42.3	0.1	5.6	-4.76	-4.55	-35.46	117.6	39.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW183	8/26/2022 13:22	52.6	40.8	0.0	6.6	-4.99	-5.08	-44.09	117.4	38.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW184	8/1/2022 14:36	51.8	39.1	0.0	9.1	-0.29	-0.28	-39.92	124.5	18.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW184	8/23/2022 12:51	54.8	41.6	0.1	3.5	-0.23	-0.24	-43.39	124.8	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	8/1/2022 14:31	53.2	39.6	0.2	7.0	-0.38	-0.41	-39.95	119.7	9.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	8/23/2022 12:57	52.1	37.4	0.1	10.4	-0.61	-0.61	-44.40	120.4	19.8	Valve Adjustment:No Change
OXMEW186	8/9/2022 13:33	55.9	43.3	0.4	0.4	-0.01	-0.03	-26.10	74.0	0.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW186	8/29/2022 12:25	0.0	0.0	21.4	78.6	-0.18	-0.15	-43.35	66.4	1.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW186	8/29/2022 12:28	0.0	0.0	21.5	78.5	-0.14	-0.14	-43.32	66.8	0.3	Valve Adjustment:No Change
OXMEW187	8/9/2022 10:22	50.1	40.2	0.0	9.7	-0.40	-0.39	-26.22	113.6	27.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW187	8/26/2022 13:11	50.0	41.5	0.0	8.5	-0.47	-0.46	-44.48	116.6	8.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	8/1/2022 14:53	46.6	38.4	0.0	15.0	-1.78	-1.77	-22.25	117.4	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	8/23/2022 13:14	48.1	39.6	0.0	12.3	-1.63	-1.55	-35.42	118.2	18.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	8/1/2022 14:57	48.4	38.0	0.2	13.4	-7.18	-6.95	-39.39	125.5	45.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	8/23/2022 13:21	49.2	38.0	0.2	12.6	-7.26	-7.82	-43.15	125.3	70.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW190	8/11/2022 14:02	52.4	37.7	0.1	9.8	-12.56	-12.56	-37.29	126.7	37.6	Valve Adjustment:No Change
OXMEW190	8/25/2022 9:43	52.0	38.6	0.1	9.3	-16.23	-16.21	-43.70	126.1	38.7	Valve Adjustment:No Change
OXMEW191	8/2/2022 12:36	53.2	40.6	0.0	6.2	-2.65	-2.87	-48.13	126.1	0.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW191	8/16/2022 10:35	52.2	41.4	0.0	6.4	-2.40	-2.39	-37.68	126.7	17.1	Valve Adjustment:No Change
OXMEW192	8/2/2022 13:22	41.0	31.3	2.9	24.8	-2.51	-2.48	-49.04	76.5	6.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	8/29/2022 11:51	0.0	0.0	21.2	78.8	-1.87	-1.87	-47.51	72.4	6.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXMEW192	8/29/2022 11:52	0.0	0.0	21.1	78.9	-1.86	-1.86	-47.64	73.1	6.5	Valve Adjustment:No Change
OXMEW194	8/8/2022 9:32	54.8	41.6	0.3	3.3	-31.91	-31.96	-32.79	87.8	14.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW194	8/18/2022 14:34	56.1	42.6	0.3	1.0	-35.56	-35.78	-36.26	88.5	16.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW196	8/9/2022 12:48	51.2	38.4	0.0	10.4	-7.99	-7.99	-42.43	97.5	5.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	8/25/2022 9:10	50.3	38.3	0.0	11.4	-10.79	-10.71	-44.77	86.8	6.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	8/9/2022 12:53	53.1	38.7	0.0	8.2	-8.33	-8.47	-26.04	123.5	43.5	Valve Adjustment:Opened valve 1/2 turn or less

OXMEW199	8/25/2022 9:17	50.2	38.4	0.0	11.4	-12.47	-12.46	-43.98	123.4	75.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	8/9/2022 10:26	42.4	38.5	0.0	19.1	-1.35	-1.18	-29.31	120.7	16.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	8/26/2022 13:16	44.6	38.9	0.0	16.5	-1.52	-1.42	-45.67	120.8	36.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	8/1/2022 14:41	43.0	36.5	0.0	20.5	-1.12	-1.12	-40.70	111.7	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	8/23/2022 13:02	43.3	36.3	0.0	20.4	-0.98	-0.72	-44.81	111.3	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW203	8/3/2022 13:11	55.6	38.8	0.2	5.4	-6.41	-7.35	-40.90	82.8	7.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW203	8/26/2022 9:27	57.9	38.1	0.1	3.9	-1.86	-2.05	-45.22	67.6	1.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEW204	8/3/2022 13:04	56.8	43.2	0.0	0.0	-1.91	-2.09	-38.25	94.7	3.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW204	8/26/2022 10:30	54.8	45.1	0.1	0.0	-0.19	-0.37	-41.45	93.0	2.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW205	8/8/2022 10:51	54.6	45.4	0.0	0.0	-0.11	-0.14	-34.87	108.5	0.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW205	8/26/2022 13:04	54.3	45.6	0.1	0.0	0.18	-0.07	-44.66	108.2	0.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open
OXMEW205	8/26/2022 13:06	55.1	44.9	0.0	0.0	-0.14	-0.17	-45.56	124.6	0.0	Valve Adjustment:No Change
OXMEW209	8/11/2022 13:27	58.7	41.3	0.0	0.0	-3.96	-3.96	-38.89	134.0	14.9	Valve Adjustment:No Change,Valve 20% open
OXMEW209	8/26/2022 10:24	57.6	41.3	0.0	1.1	-6.34	-5.11	-46.09	134.3	10.3	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 15% open
OXMEW209	8/26/2022 10:25	57.8	41.6	0.0	0.6	-4.78	-4.94	-45.75	128.7	5.5	Valve Adjustment:No Change
OXMEW210	8/3/2022 12:02	53.6	37.9	0.1	8.4	-37.21	-37.18	-40.01	125.1	31.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW210	8/25/2022 12:23	49.6	36.8	0.1	13.5	-40.52	-40.19	-43.98	124.6	33.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXMEW210	8/25/2022 15:05	50.5	36.4	0.1	13.0	-39.74	-39.94	-43.81	124.5	33.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXMEW300	8/3/2022 14:37	55.2	38.0	1.6	5.2	-38.86	-38.61	-40.87	104.2	20.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW300	8/11/2022 13:09	55.5	34.0	1.6	8.9	-29.94	-30.06	-31.49	103.9	21.9	Valve Adjustment:No Change
OXMEW300	8/19/2022 10:03	50.1	32.8	4.1	13.0	-15.99	-15.96	-35.75	101.0	15.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW300	8/25/2022 10:48	49.6	31.9	4.5	14.0	-14.33	-14.10	-45.54	100.1	12.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW302	8/3/2022 14:44	49.4	38.4	0.1	12.1	-2.75	-2.58	-41.53	106.9	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW302	8/25/2022 12:03	62.3	37.7	0.0	0.0	-2.48	-2.49	-45.04	100.7	16.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW303	8/3/2022 11:55	63.4	36.4	0.2	0.0	-41.13	-41.19	-41.16	80.2	6.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW303	8/5/2022 10:05	63.9	33.5	1.0	1.6	-43.47	-43.52	-43.81	66.4	11.6	Valve Adjustment:No Change
OXMEW306	8/3/2022 12:11	41.6	37.7	0.0	20.7	-1.26	-1.18	-40.77	109.3	7.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	8/25/2022 12:32	35.7	35.4	0.0	28.9	-1.44	-1.37	-44.63	106.8	8.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	8/25/2022 15:08	36.9	34.7	0.0	28.4	-1.22	-1.22	-40.72	105.0	6.6	Valve Adjustment:No Change
OXMEW307	8/3/2022 13:54	56.5	42.2	1.3	0.0	-40.56	-40.42	-40.31	91.9	2.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW307	8/26/2022 10:10	53.1	39.8	1.7	5.4	-44.48	-44.49	-44.61	85.2	3.6	Valve Adjustment:No Change,Valve 100% open
OXMEW309	8/11/2022 13:22	49.4	37.0	0.3	13.3	-20.64	-20.66	-36.91	128.3	58.0	Valve Adjustment:No Change
OXMEW309	8/18/2022 9:40	53.6	38.6	0.0	7.8	-10.19	-10.20	-30.34	108.5	53.1	Valve Adjustment:No Change
OXMEW310	8/9/2022 12:58	55.8	40.6	0.0	3.6	-11.65	-11.78	-27.06	115.9	85.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW310	8/18/2022 9:52	50.4	41.2	0.0	8.4	-14.59	-14.59	-27.33	116.2	124.9	Valve Adjustment:No Change

OXMEW311	8/3/2022 12:35	49.3	38.7	0.1	11.9	-24.65	-24.66	-41.53	119.7	29.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	8/19/2022 11:34	53.9	38.7	0.0	7.4	-25.04	-26.55	-45.64	119.7	32.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW311	8/26/2022 10:43	48.6	41.5	0.1	9.8	-29.01	-28.98	-44.52	118.8	30.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	8/11/2022 14:08	50.6	37.5	0.0	11.9	-3.75	-3.73	-38.02	104.3	28.8	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	8/25/2022 9:36	47.5	38.1	0.0	14.4	-4.80	-4.68	-43.95	94.2	15.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	8/11/2022 13:42	50.8	34.1	0.1	15.0	-37.11	-36.90	-37.28	122.2	19.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXMEW315	8/26/2022 10:08	48.5	36.7	0.2	14.6	-43.33	-43.07	-44.47	121.7	23.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 85% open
OXMEW316	8/9/2022 12:14	60.5	39.2	0.0	0.3	-39.25	-39.28	-40.87	115.6	7.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	8/25/2022 8:41	56.0	38.5	0.0	5.5	-41.60	-41.77	-43.37	112.7	10.8	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	8/25/2022 14:58	60.5	39.1	0.0	0.4	-39.88	-39.99	-41.85	100.1	11.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXMEW317	8/9/2022 12:21	60.3	39.6	0.1	0.0	-41.40	-41.14	-41.66	106.8	16.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	8/25/2022 8:47	58.5	40.2	0.1	1.2	-44.01	-44.02	-43.93	106.0	17.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	8/9/2022 12:36	51.0	38.5	0.2	10.3	-41.92	-42.08	-2.76	112.1	351.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW318	8/25/2022 8:59	49.3	37.0	0.0	13.7	-2.65	-2.64	-44.36	111.6	11.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	8/9/2022 13:22	55.3	40.0	0.1	4.6	-12.47	-12.57	-41.42	109.3	42.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW319	8/18/2022 9:41	53.9	40.2	0.0	5.9	-10.17	-10.18	-30.12	108.4	50.8	Valve Adjustment:No Change
OXMEW320	8/12/2022 11:43	58.7	38.4	0.1	2.8	-41.95	-41.79	-42.15	125.4	15.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	8/24/2022 10:06	59.1	39.9	0.0	1.0	-42.97	-43.19	-43.07	124.4	17.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW322	8/9/2022 12:07	57.1	39.2	0.0	3.7	-41.82	-41.98	-43.14	119.1	24.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW322	8/25/2022 8:37	55.7	38.3	0.0	6.0	-44.29	-44.19	-45.10	118.2	21.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW323	8/9/2022 8:55	59.2	40.2	0.1	0.5	-40.88	-40.88	-40.88	115.7	15.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW323	8/18/2022 8:56	57.3	38.1	0.1	4.5	-36.59	-36.60	-37.12	116.0	13.8	Valve Adjustment:No Change
OXMEW328	8/5/2022 12:38	59.7	39.2	0.0	1.1	-28.88	-29.24	-36.33	119.6	14.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	8/17/2022 13:09	59.3	39.3	0.0	1.4	-25.97	-25.36	-31.35	119.9	14.5	Valve Adjustment:No Change
OXMEWHC1	8/8/2022 9:14	54.9	43.3	0.3	1.5	-33.24	-33.42	-33.27	68.2	*	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	8/25/2022 12:46	53.5	44.7	0.9	0.9	-44.43	-44.29	-44.33	67.6	*	Valve Adjustment:No Change,Valve 100% open
OXMEWW05	8/4/2022 14:37	56.0	43.9	0.1	0.0	-48.78	-49.03	-48.95	112.9	13.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXMEWW05	8/29/2022 12:03	54.0	45.6	0.4	0.0	-47.29	-47.45	-47.48	113.5	16.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXMEWW06	8/4/2022 14:24	55.5	44.5	0.0	0.0	-36.54	-36.57	-48.79	75.1	5.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW06	8/22/2022 11:49	54.7	45.2	0.1	0.0	-41.91	-42.17	-41.63	87.4	8.2	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 75% open
OXMEWW08	8/2/2022 13:37	55.7	42.6	0.1	1.6	-2.05	-2.69	-36.50	95.4	3.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXMEWW08	8/29/2022 10:45	55.2	43.4	0.3	1.1	-3.74	-3.90	-46.49	79.5	4.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEWW17	8/5/2022 11:38	56.5	43.3	0.1	0.1	-39.87	-39.90	-39.85	76.9	6.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW17	8/17/2022 11:38	55.7	44.0	0.0	0.3	-32.44	-32.43	-32.12	77.4	8.8	Valve Adjustment:No Change
OXMEWW18	8/12/2022 13:24	25.9	19.2	11.6	43.3	-37.33	-37.10	-42.30	81.1	6.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less

OXMEWW18	8/12/2022 13:25	25.8	18.9	11.8	43.5	-37.44	-37.34	-42.33	81.4	8.3	Valve Adjustment:NSPS
OXMEWW18	8/26/2022 12:36	23.8	17.5	12.5	46.2	-40.80	-41.12	-46.40	76.3	10.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve >1 turn
OXMEWW18	8/26/2022 12:38	23.3	17.1	12.8	46.8	-41.06	-40.99	-46.72	76.4	10.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXMEWW1G	8/4/2022 13:54	51.7	40.8	0.1	7.4	-10.12	-10.05	-36.54	80.2	6.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1G	8/17/2022 9:51	54.7	41.0	0.0	4.3	-9.15	-9.16	-35.75	79.5	6.1	Valve Adjustment:No Change
OXMEWW1I	8/4/2022 14:43	50.9	39.5	0.2	9.4	-16.49	-16.55	-46.58	74.0	4.9	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW1I	8/5/2022 9:39	51.3	39.6	0.1	9.0	-15.97	-15.86	-44.49	72.5	4.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1I	8/17/2022 10:48	49.8	40.0	0.0	10.2	-12.85	-12.85	-38.20	73.0	4.4	Valve Adjustment:No Change
OXMEWW1J	8/5/2022 11:04	51.9	40.1	0.1	7.9	-5.05	-5.00	-44.07	81.1	7.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1J	8/17/2022 10:52	50.6	41.8	0.0	7.6	-4.54	-4.54	-37.79	80.9	7.2	Valve Adjustment:No Change
OXMEWW1K	8/5/2022 11:10	41.8	38.2	1.1	18.9	-45.95	-45.94	-46.37	83.4	12.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1K	8/17/2022 10:56	42.7	40.7	0.8	15.8	-39.42	-39.47	-39.79	84.7	13.8	Valve Adjustment:No Change
OXMEWW1S	8/5/2022 11:28	56.0	40.5	0.0	3.5	-38.46	-38.52	-39.60	71.4	29.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	8/17/2022 11:25	54.8	37.6	0.2	7.4	-31.21	-31.19	-31.83	72.6	21.2	Valve Adjustment:No Change
OXMHCF03	8/5/2022 13:34	57.3	42.3	0.3	0.1	-46.39	-46.49	-46.59	78.1	41.7	Valve Adjustment:No Change,Valve 100% open
OXMHCF03	8/25/2022 16:17	57.9	41.8	0.1	0.2	-44.51	-45.14	-46.42	70.9	49.4	Valve Adjustment:No Change,Valve 100% open
OXMHCF04	8/5/2022 13:37	48.6	39.2	3.2	9.0	-44.50	-44.50	-46.58	78.3	9.3	Valve Adjustment:No Change
OXMHCF04	8/25/2022 16:20	48.0	38.9	3.2	9.9	-44.73	-44.80	-45.78	71.1	11.0	Valve Adjustment:No Change
OXMPEW30	8/4/2022 12:58	57.8	41.9	0.2	0.1	-39.50	-39.25	-39.24	75.1	2.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW30	8/16/2022 13:23	57.9	40.0	0.1	2.0	-36.94	-36.99	-36.52	88.0	3.0	Valve Adjustment:No Change
OXMPEW31	8/4/2022 13:40	57.2	42.8	0.0	0.0	-39.34	-39.44	-39.52	74.5	4.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW31	8/17/2022 9:42	56.9	43.1	0.0	0.0	-37.88	-37.92	-38.05	72.2	4.0	Valve Adjustment:No Change
OXMPEW32	8/4/2022 11:36	29.7	34.3	0.0	36.0	-37.33	-37.08	-39.96	83.3	26.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 55% open
OXMPEW32	8/16/2022 12:07	57.4	40.3	0.1	2.2	-35.55	-35.64	-36.55	85.8	22.6	Valve Adjustment:No Change
OXMPEW33	8/4/2022 11:40	48.5	39.2	0.0	12.3	-4.86	-4.85	-40.97	86.0	11.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXMPEW33	8/16/2022 12:11	52.4	35.9	0.0	11.7	-4.64	-4.65	-38.24	88.1	11.4	Valve Adjustment:No Change
OXMPEW35	8/4/2022 13:17	48.1	41.2	0.1	10.6	-37.51	-36.88	-24.60	127.1	217.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW35	8/16/2022 13:34	47.4	36.6	1.4	14.6	-21.80	-21.91	-37.12	127.4	22.5	Valve Adjustment:No Change
OXMPEW44	8/5/2022 11:33	57.8	42.2	0.0	0.0	-39.73	-39.76	-39.82	80.8	3.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW44	8/17/2022 11:33	57.2	42.8	0.0	0.0	-32.18	-32.20	-31.87	78.9	0.9	Valve Adjustment:No Change

OXSS2034	8/12/2022 12:54	59.0	38.9	0.1	2.0	-39.84	-39.69	-44.35	105.2	7.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXSS2034	8/26/2022 10:50	60.9	36.8	0.4	1.9	-40.93	-41.17	-45.89	72.9	1.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less

***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_4 = Methane

CO_2 = Carbon Dioxide

O_2 = 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, ~~OXLCRS01,~~ OXLCRS4A, OXLCRS4B, ~~OXLCRS05~~, ~~OXLCRS06~~, OXLCRS07, ~~OXMEWHC6~~, ~~OXMTBTC1,~~ OXMEWW17, and ~~OXMHCF06~~.

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, ~~OXLCRS01,~~ OXLCRS4A, OXLCRS4B, ~~OXLCRS05, OXLCRS06~~, and OXLCRS07.

*Wells that have been decommissioned are noted with a strikethrough.

OX MOUNTAIN LANDFILL
Wellfield Monitoring Report - September 1, 2, 6, 7, 8, 9, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23, 26, 27, 28, and 30, 2022

Device ID	Date and Time	CH_4	CO_2	O_2	BAL	Initial Static Pressure	Adjusted Static Pressure	Lateral Pressure	Initial Temperature	Initial Flow*	Comments
		%	%	%	%	in. wk..	in. wk..	in. wk..	Deg. F.	scfm	
OMLEW101	9/2/2022 13:30	38.2	33.9	1.4	26.5	-4.36	-3.99	-39.79	84.9	16.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLEW101	9/21/2022 13:22	43.6	36.0	0.6	19.8	-3.11	-2.46	-41.62	88.4	11.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLEW104	9/12/2022 12:15	51.0	36.1	0.1	12.8	-12.85	-12.83	-39.25	84.0	24.1	Valve Adjustment:Closed valve 1/2 turn or less
OMLEW104	9/28/2022 9:28	52.7	41.3	0.0	6.0	-12.54	-12.54	-45.87	83.6	26.5	Valve Adjustment:No Change
OMLEW107	9/12/2022 12:11	59.7	36.8	0.2	3.3	-38.56	-38.83	-38.93	78.7	9.8	Valve Adjustment:Opened valve 1/2 turn or less
OMLEW107	9/28/2022 9:25	57.2	42.6	0.2	0.0	-40.47	-44.33	-41.08	74.4	9.2	Valve Adjustment:Opened valve 1/2 turn or less
OMLFEW59	9/2/2022 9:50	45.4	39.9	0.0	14.7	-1.10	-1.07	-37.80	106.7	7.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OMLFEW59	9/16/2022 10:16	44.4	37.1	0.0	18.5	-0.98	-0.87	-36.64	105.5	9.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OMLFEW72	9/12/2022 12:35	52.6	36.9	0.1	10.4	-1.40	-1.57	-40.01	76.9	N/A	Valve Adjustment:Closed valve 1/2 turn or less
OMLFEW72	9/28/2022 10:35	52.4	43.5	0.0	4.1	-1.75	-2.79	-45.57	79.7	N/A	Valve Adjustment:No Change
OMLFEW99	9/15/2022 9:01	49.5	36.5	0.1	13.9	-0.80	-0.29	-49.45	69.8	15.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMLFEW99	9/16/2022 9:23	56.5	40.0	0.0	3.5	-0.12	-0.12	-50.53	70.3	6.7	Valve Adjustment:No Change
OMTLTS01	9/12/2022 12:49	48.9	37.2	0.8	13.1	-0.32	-0.29	-39.07	81.0	5.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS01	9/26/2022 13:19	56.8	41.9	0.1	1.2	-0.01	-0.05	-44.29	76.8	4.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS02	9/12/2022 13:04	54.7	38.4	0.1	6.8	0.01	-0.07	-39.70	77.1	7.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS02	9/12/2022 13:05	56.8	37.6	0.0	5.6	-0.06	-0.07	-39.44	76.6	9.0	Valve Adjustment:No Change
OMTLTS02	9/26/2022 13:23	55.6	41.8	0.2	2.4	-0.12	-0.12	-44.21	75.8	9.8	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	9/12/2022 13:08	48.2	32.4	3.2	16.2	-0.04	-0.04	-39.14	72.8	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS03	9/23/2022 11:09	23.7	15.7	12.2	48.4	-0.05	-0.05	-44.27	87.8	0.2	Valve Adjustment:No Change
OMTLTS04	9/12/2022 11:23	23.0	25.6	2.3	49.1	-0.06	-0.06	-39.42	66.3	0.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS04	9/23/2022 10:56	26.1	26.5	2.4	45.0	-0.05	-0.05	-43.47	84.8	0.3	Valve Adjustment:No Change
OMTLTS05	9/12/2022 11:19	27.6	28.6	1.2	42.6	-0.07	-0.07	-39.85	66.5	0.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS05	9/23/2022 10:53	28.0	25.0	4.7	42.3	-0.05	-0.05	-43.59	87.2	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	9/12/2022 11:17	12.0	18.1	9.9	60.0	-0.07	-0.07	-39.34	66.1	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS06	9/23/2022 10:51	22.0	21.7	8.4	47.9	-0.05	-0.05	-42.87	83.3	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS07	9/7/2022 10:38	52.0	35.9	2.4	9.7	-0.13	-0.13	-41.65	89.8	0.3	Valve Adjustment:No Change
OMTLTS07	9/12/2022 11:14	54.6	40.8	2.1	2.5	-0.06	-0.06	-38.48	66.2	0.3	Valve Adjustment:No Change
OMTLTS07	9/23/2022 10:27	54.8	38.6	1.3	5.3	-0.05	-0.05	-44.00	87.5	0.2	Valve Adjustment:No Change
OMTLTS08	9/12/2022 11:27	0.3	1.3	22.0	76.4	-0.04	-0.05	-39.73	66.1	0.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	9/12/2022 11:28	0.3	0.8	21.7	77.2	-0.04	-0.04	-39.73	66.5	0.1	Valve Adjustment:NSPS
OMTLTS08	9/19/2022 13:51	0.3	0.4	21.0	78.3	-0.07	-0.06	-45.04	76.2	0.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS08	9/19/2022 13:53	0.1	0.0	21.1	78.8	-0.07	-0.07	-44.17	78.0	0.3	Valve Adjustment:NSPS

OMTLTS09	9/12/2022 11:07	13.5	20.4	5.8	60.3	-0.11	-0.11	-38.47	66.1	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS09	9/28/2022 9:00	15.2	22.4	4.3	58.1	-0.16	-0.16	-44.93	71.0	0.3	Valve Adjustment:No Change,Valve at minimum position
OMTLTS10	9/12/2022 11:04	13.8	14.2	12.3	59.7	-0.13	-0.12	-18.05	66.0	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS10	9/28/2022 8:56	22.0	21.8	5.5	50.7	-0.17	-0.17	-25.20	69.6	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS11	9/12/2022 10:55	22.9	26.5	2.0	48.6	-0.13	-0.13	-19.46	66.0	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS11	9/28/2022 8:50	24.1	25.9	3.3	46.7	-0.19	-0.19	-26.91	67.2	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS12	9/12/2022 10:52	16.5	19.4	7.1	57.0	-0.14	-0.14	-24.71	65.7	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS12	9/28/2022 8:47	9.5	10.1	14.2	66.2	-0.20	-0.20	-31.33	66.3	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS15	9/2/2022 13:27	2.1	3.3	18.8	75.8	-0.25	-0.22	-43.38	77.2	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	9/2/2022 13:28	1.8	2.6	18.7	76.9	-0.25	-0.24	-44.20	77.3	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	9/9/2022 12:57	10.5	14.3	12.9	62.3	-0.14	-0.13	-39.34	81.3	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS15	9/28/2022 9:05	15.2	22.1	12.9	49.8	-0.20	-0.20	-44.81	68.5	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	9/9/2022 12:53	15.6	18.6	8.1	57.7	-0.18	-0.18	-34.40	84.6	1.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS16	9/28/2022 8:26	6.3	14.7	9.9	69.1	-0.42	-0.19	-41.85	64.9	1.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	9/9/2022 12:49	16.8	17.6	11.2	54.4	-0.18	-0.19	-40.19	85.6	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OMTLTS17	9/27/2022 13:48	11.1	13.3	12.8	62.8	-0.23	-0.23	-45.04	79.7	0.2	Valve Adjustment:No Change,Valve at minimum position
OMTLTS18	9/9/2022 12:42	50.9	38.6	0.1	10.4	-0.96	-0.89	-39.74	74.2	31.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OMTLTS18	9/27/2022 13:50	53.2	40.9	0.3	5.6	-0.81	-0.81	-46.03	73.6	31.7	Valve Adjustment:No Change,Valve 30% open
OMTLTS19	9/9/2022 12:46	57.8	40.6	0.4	1.2	-0.11	-0.11	-40.10	80.2	9.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OMTLTS19	9/27/2022 13:54	53.8	40.9	2.3	3.0	-0.20	-0.20	-45.83	78.6	9.7	Valve Adjustment:No Change,Valve 5% open
OMTLTS20	9/9/2022 12:35	55.2	37.4	0.4	7.0	-0.01	-0.02	-40.04	82.2	3.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OMTLTS20	9/27/2022 13:44	58.0	41.5	0.5	0.0	-0.01	-0.03	-45.86	79.7	2.3	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW133B	9/12/2022 13:15	0.1	0.3	21.5	78.1	-2.96	-2.93	-32.00	88.8	3.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW133B	9/12/2022 13:17	0.1	0.2	21.6	78.1	-3.58	-3.58	-38.14	89.3	0.0	Valve Adjustment:No Change
OXEW133B	9/23/2022 9:48	0.1	0.0	22.0	77.9	-2.71	-2.71	-40.60	69.2	2.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW133B	9/23/2022 9:49	0.0	0.0	22.0	78.0	-2.96	-2.96	-37.08	69.5	3.1	Valve Adjustment:No Change
OXEW133B	9/30/2022 11:24	15.6	19.9	4.8	59.7	-6.87	-6.40	-39.05	85.2	65.9	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134A	9/12/2022 13:20	52.8	35.7	0.3	11.2	-8.82	-8.21	-35.96	85.6	0.0	Valve Adjustment:No Change
OXEW134A	9/23/2022 9:29	53.6	40.2	0.2	6.0	-8.12	-9.89	-40.98	84.4	17.9	Valve Adjustment:No Change
OXEW134A	9/23/2022 9:33	47.1	39.6	0.0	13.3	-39.63	-40.54	-42.73	74.8	80.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW134B	9/12/2022 13:22	54.2	37.9	0.8	7.1	-36.46	-36.52	-38.61	80.4	27.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW134B	9/28/2022 10:50	38.9	36.1	0.4	24.6	-43.32	-42.74	-46.10	87.8	67.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW137B	9/7/2022 10:23	57.2	41.4	0.3	1.1	-39.54	-39.84	-39.46	85.2	11.9	Valve Adjustment:Opened valve 1/2 turn or less
OXEW137B	9/23/2022 10:36	56.1	42.8	0.1	1.0	-41.47	-41.40	-41.31	82.3	13.2	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1601	9/13/2022 10:52	52.4	40.4	0.7	6.5	-4.52	-4.49	-39.28	126.3	35.1	Valve Adjustment:No Change

OXEW1601	9/26/2022 11:59	50.0	37.2	0.8	12.0	-5.36	-4.74	-43.57	127.1	68.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1602	9/13/2022 12:56	55.8	42.0	0.0	2.2	-37.21	-37.20	-38.19	128.2	50.6	Valve Adjustment:No Change
OXEW1602	9/27/2022 10:38	52.8	39.6	0.0	7.6	-41.47	-41.61	-42.91	128.4	48.5	Valve Adjustment:No Change
OXEW1603	9/15/2022 10:27	58.3	37.4	0.1	4.2	-43.28	-43.28	-43.14	122.8	12.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1603	9/26/2022 11:03	59.0	38.8	0.0	2.2	-40.84	-40.80	-41.78	126.3	41.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1604	9/13/2022 10:40	56.9	43.1	0.0	0.0	0.14	-0.29	-33.70	127.3	38.8	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less
OXEW1604	9/13/2022 10:42	56.4	43.6	0.0	0.0	-0.53	-0.52	-34.13	127.2	59.6	Valve Adjustment:No Change
OXEW1604	9/26/2022 11:43	57.5	42.1	0.0	0.4	-0.01	-0.33	-38.34	128.3	25.1	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1611	9/9/2022 11:54	45.5	33.7	4.4	16.4	-32.06	-32.04	-33.17	84.0	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1611	9/21/2022 9:10	50.9	35.3	3.3	10.5	-11.15	-11.15	-18.52	60.4	0.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1612	9/13/2022 12:48	49.0	38.7	0.0	12.3	-32.13	-32.06	-37.85	125.3	30.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1612	9/27/2022 10:24	46.5	36.4	0.1	17.0	-36.65	-35.83	-35.18	125.2	35.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1613	9/13/2022 10:36	50.6	41.3	0.0	8.1	-4.72	-5.68	-18.10	128.4	0.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1613	9/26/2022 11:37	49.0	38.5	0.1	12.4	-19.68	-19.72	-32.33	128.4	52.3	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	9/15/2022 9:51	43.1	35.5	0.1	21.3	-1.49	-1.42	-43.71	123.4	13.0	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1614	9/27/2022 11:07	43.4	35.7	0.2	20.7	-1.17	-0.87	-24.00	123.6	11.1	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1616	9/9/2022 9:49	52.4	40.5	0.0	7.1	-15.92	-15.92	-33.42	118.4	26.5	Valve Adjustment:No Change
OXEW1616	9/28/2022 13:55	53.6	46.2	0.2	0.0	-10.19	-10.20	-18.80	117.5	15.4	Valve Adjustment:No Change
OXEW1617	9/9/2022 9:15	56.3	42.3	0.0	1.4	0.68	-0.06	-39.51	125.9	4.6	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open
OXEW1617	9/9/2022 9:16	57.3	42.5	0.1	0.1	-0.10	-0.10	-39.95	130.2	9.1	Valve Adjustment:No Change
OXEW1617	9/23/2022 13:22	56.7	41.0	0.0	2.3	-0.69	-0.27	-43.59	130.9	9.6	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 5% open
OXEW1617	9/23/2022 13:23	57.2	41.5	0.8	0.5	-0.26	-0.26	-43.12	130.3	6.6	Valve Adjustment:No Change
OXEW1618	9/13/2022 13:09	49.9	41.6	0.0	8.5	-1.47	-1.44	-38.75	128.0	6.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1618	9/27/2022 10:57	46.6	38.8	0.1	14.5	-1.88	-0.98	-43.30	128.1	5.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1619	9/7/2022 10:00	57.9	40.2	0.1	1.8	-41.09	-41.29	-41.77	123.5	12.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1619	9/23/2022 10:13	57.4	42.2	0.0	0.4	-42.70	-42.63	-43.72	123.6	12.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1620	9/7/2022 9:54	46.7	36.2	0.0	17.1	-8.81	-7.83	-41.82	113.1	9.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1620	9/23/2022 10:17	49.8	38.9	0.0	11.3	-6.33	-5.60	-43.87	111.8	7.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW1621	9/8/2022 10:26	51.4	41.3	0.0	7.3	-0.19	-0.19	-37.89	114.1	25.4	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1621	9/22/2022 12:53	53.0	42.5	0.0	4.5	-0.28	-0.28	-45.02	113.9	11.1	Valve Adjustment:No Change
OXEW1622	9/7/2022 10:10	53.4	38.6	1.4	6.6	-17.03	-17.27	-42.08	124.0	19.6	Valve Adjustment:Opened valve 1/2 turn or less
OXEW1622	9/23/2022 10:08	53.9	41.2	1.1	3.8	-18.00	-18.00	-43.42	123.6	13.6	Valve Adjustment:No Change
OXEW1701	9/9/2022 8:42	59.5	40.3	0.0	0.2	-34.67	-34.77	-35.16	121.6	19.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1701	9/23/2022 12:53	59.3	35.5	0.0	5.2	-38.75	-38.88	-39.19	121.7	19.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1702	9/9/2022 10:32	58.3	41.7	0.0	0.0	-31.73	-31.77	-34.26	124.8	38.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less

OXEW1702	9/21/2022 11:15	58.4	39.8	0.0	1.8	-36.52	-36.84	-39.97	124.7	41.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1703	9/9/2022 10:20	57.1	41.3	0.0	1.6	-30.51	-30.76	-32.12	121.8	9.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1703	9/21/2022 11:12	58.3	41.6	0.0	0.1	-36.19	-36.15	-36.48	119.1	7.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1705	9/9/2022 11:42	57.3	41.7	0.5	0.5	-8.44	-8.77	-34.61	116.3	12.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW1705	9/21/2022 10:38	54.5	38.9	1.6	5.0	-10.66	-8.43	-40.78	113.1	15.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1716	9/2/2022 9:42	55.9	40.8	0.0	3.3	-45.13	-45.16	-45.32	97.9	3.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1716	9/16/2022 9:44	56.9	41.1	0.0	2.0	-45.97	-45.89	-45.99	98.8	8.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1717	9/2/2022 8:31	53.6	37.5	0.1	8.8	-25.79	-25.80	-48.44	106.0	3.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 45% open
OXEW1717	9/16/2022 8:14	53.8	37.7	0.2	8.3	-29.25	-29.30	-48.93	107.6	10.3	Valve Adjustment:No Change
OXEW1801	9/13/2022 13:24	55.4	43.5	0.4	0.7	-5.97	-6.02	-38.21	128.9	5.3	Valve Adjustment:No Change
OXEW1801	9/27/2022 11:20	52.9	42.1	0.5	4.5	-12.07	-12.12	-43.82	129.2	18.2	Valve Adjustment:No Change,Valve 20% open
OXEW1804	9/13/2022 13:04	54.9	43.3	1.0	0.8	-36.85	-36.85	-38.58	125.5	20.3	Valve Adjustment:No Change
OXEW1804	9/27/2022 10:50	54.3	42.1	0.8	2.8	-41.05	-40.90	-43.10	125.9	19.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW1805	9/13/2022 13:00	51.3	40.9	0.0	7.8	-22.96	-22.64	-38.36	124.7	22.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW1805	9/27/2022 10:44	48.9	38.7	0.0	12.4	-24.13	-22.20	-42.72	125.3	21.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1806	9/6/2022 12:27	56.4	41.6	0.1	1.9	-0.05	-0.08	-42.50	124.7	10.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1806	9/22/2022 13:35	48.7	40.4	0.0	10.9	-0.18	-0.17	-45.76	123.6	11.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1807	9/9/2022 10:04	57.3	42.5	0.2	0.0	-0.58	-0.22	-39.74	131.8	27.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 25% open
OXEW1807	9/9/2022 10:11	57.7	42.3	0.0	0.0	-0.65	-0.18	-38.76	132.0	28.5	Valve Adjustment:NSPS
OXEW1807	9/19/2022 13:18	58.2	41.5	0.3	0.0	-1.54	2.19	-42.85	131.7	26.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 15% open
OXEW1807	9/19/2022 13:26	59.1	38.4	0.2	2.3	2.50	-0.09	-43.41	130.0	7.9	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 25% open
OXEW1807	9/19/2022 13:29	60.0	39.9	0.1	0.0	-0.31	-0.29	-42.65	131.9	26.2	Valve Adjustment:NSPS
OXEW1808	9/9/2022 11:28	58.4	40.8	0.4	0.4	-34.86	-34.89	-35.19	83.3	2.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1808	9/21/2022 10:23	56.4	38.9	1.1	3.6	-40.59	-40.52	-40.91	63.7	3.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1809	9/13/2022 9:07	50.2	40.3	0.0	9.5	-26.77	-26.84	-32.33	114.0	52.4	Valve Adjustment:No Change
OXEW1809	9/16/2022 11:53	57.9	42.0	0.1	0.0	12.58	-0.11	-44.62	86.4	4.2	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 30% open
OXEW1809	9/16/2022 11:56	59.6	39.7	0.0	0.7	-1.07	-8.17	-44.80	120.0	33.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1810	9/2/2022 10:05	50.7	37.0	0.2	12.1	-13.87	-13.67	-45.73	72.6	3.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1810	9/16/2022 12:35	51.7	32.0	0.7	15.6	-10.82	-10.06	-46.55	74.6	2.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1811	9/14/2022 11:31	53.9	37.4	1.5	7.2	-1.56	-1.56	-35.72	95.4	5.1	Valve Adjustment:No Change
OXEW1811	9/27/2022 12:37	51.6	39.5	2.6	6.3	-3.03	-2.69	-44.13	98.4	5.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW1812	9/14/2022 13:04	50.9	39.4	0.0	9.7	-15.32	-14.18	-39.87	126.3	29.4	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 30% open
OXEW1812	9/27/2022 13:16	49.8	41.2	0.1	8.9	-15.88	-13.39	-44.97	126.4	29.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW1813	9/9/2022 9:54	56.4	40.8	0.0	2.8	-38.32	-38.58	-38.47	115.7	11.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1813	9/21/2022 10:53	55.9	38.2	0.0	5.9	-43.96	-43.96	-44.36	115.3	13.7	Valve Adjustment:No Change

OXEW1815	9/7/2022 14:19	60.8	35.6	0.1	3.5	-10.40	-12.87	-39.98	125.6	30.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW1815	9/22/2022 14:05	46.1	38.0	0.0	15.9	-17.32	-16.78	-47.17	124.8	38.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1816	9/9/2022 10:36	51.6	39.5	0.0	8.9	-19.60	-19.50	-34.63	118.0	98.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXEW1816	9/21/2022 10:09	50.7	36.7	0.0	12.6	-21.97	-21.85	-40.68	117.6	85.6	Valve Adjustment:Valve 100% open,Closed valve 1/2 turn or less
OXEW1817	9/9/2022 12:22	58.9	40.8	0.0	0.3	-33.88	-34.13	-35.27	114.7	12.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1817	9/20/2022 10:06	58.1	41.9	0.0	0.0	-39.64	-39.68	-40.73	114.2	13.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1821	9/2/2022 10:40	30.1	23.1	0.3	46.5	-0.15	-0.13	-45.93	72.9	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1821	9/19/2022 10:57	27.0	23.1	0.1	49.8	-0.10	-0.08	-43.59	73.0	0.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	9/2/2022 10:37	9.3	18.1	2.1	70.5	-0.25	-0.24	-45.98	74.1	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1822	9/19/2022 10:53	15.5	21.4	0.8	62.3	-0.09	-0.08	-43.56	74.6	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1823	9/2/2022 10:33	15.1	24.5	0.7	59.7	-0.15	-0.13	-45.82	78.1	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1823	9/19/2022 10:50	15.3	22.5	1.4	60.8	-0.07	-0.05	-43.51	74.9	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1824	9/2/2022 10:08	59.2	36.6	0.4	3.8	-45.80	-45.95	-45.87	70.6	0.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1824	9/16/2022 12:47	62.2	33.8	0.2	3.8	-46.18	-46.11	-46.55	76.2	1.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1825	9/2/2022 10:01	46.8	36.7	0.6	15.9	-2.34	-2.16	-45.87	68.1	1.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1825	9/16/2022 12:50	55.3	36.0	0.2	8.5	-0.25	-0.33	-46.80	74.3	0.8	Valve Adjustment:No Change,Valve at minimum position
OXEW1826	9/12/2022 13:49	37.5	30.2	1.2	31.1	-4.23	-3.67	-39.29	88.1	5.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1826	9/22/2022 9:57	46.4	35.7	0.9	17.0	-1.75	-1.64	-45.13	78.2	0.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1901	9/7/2022 9:40	16.9	12.3	15.8	55.0	-42.74	-42.52	-42.70	84.8	1.3	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 30% open
OXEW1901	9/7/2022 9:42	16.5	11.9	15.6	56.0	-42.44	-42.46	-42.32	85.3	3.7	Valve Adjustment:NSPS
OXEW1901	9/19/2022 12:52	16.9	13.1	15.4	54.6	-45.09	-40.68	-44.54	83.6	2.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW1901	9/19/2022 12:54	12.3	9.0	17.4	61.3	-27.50	-27.39	-44.85	84.8	0.9	Valve Adjustment:NSPS
OXEW1902	9/2/2022 10:02	48.7	37.8	0.1	13.4	-6.14	-6.15	-41.02	80.9	78.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW1902	9/9/2022 10:25	39.4	36.3	0.0	24.3	-8.81	-8.68	-35.45	96.0	83.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXEW1902	9/12/2022 9:58	35.9	35.0	0.1	29.0	-8.75	-5.47	-35.92	85.6	78.0	Valve Adjustment:Closed valve >1 turn,Valve 5% open
OXEW1902	9/12/2022 10:00	35.3	35.5	0.1	29.1	-5.03	-4.25	-34.79	84.1	9.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1902	9/12/2022 12:55	45.4	35.8	0.0	18.8	-1.84	-1.82	-35.66	87.4	7.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1902	9/19/2022 13:36	54.0	39.5	0.0	6.5	-1.92	-1.93	-40.17	87.0	23.4	Valve Adjustment:No Change,Valve at minimum position
OXEW1904	9/9/2022 10:16	55.7	40.2	0.0	4.1	-12.30	-12.50	-37.25	117.9	41.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW1904	9/21/2022 11:06	50.5	37.8	0.2	11.5	-14.93	-13.39	-44.02	116.6	43.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW1908	9/12/2022 9:43	57.4	42.5	0.1	0.0	-8.85	-15.32	-16.24	108.1	22.0	Valve Adjustment:Valve 100% open,Opened valve >1 turn
OXEW1908	9/21/2022 9:24	59.6	39.4	0.0	1.0	-18.27	-18.26	-18.59	106.7	46.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1909	9/12/2022 9:30	49.6	47.9	0.1	2.4	-2.28	-2.28	-3.28	75.0	18.3	Valve Adjustment:No Change,Valve 100% open
OXEW1910	9/26/2022 11:09	59.0	39.8	0.0	1.2	-7.44	-21.36	-42.17	115.8	47.1	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 35% open
OXEW1910	9/26/2022 14:04	58.9	41.1	0.0	0.0	-24.32	-34.48	-41.89	116.0	80.9	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 75% open

OXEW1910	9/27/2022 9:36	57.1	42.6	0.0	0.3	-36.55	-37.66	-41.81	114.0	108.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1911	9/13/2022 12:52	57.9	42.0	0.1	0.0	-36.94	-37.53	-39.25	127.0	9.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXEW1911	9/27/2022 10:28	56.9	41.1	0.2	1.8	-42.97	-43.00	-44.77	127.7	9.9	Valve Adjustment:No Change,Valve 55% open
OXEW1912	9/13/2022 10:17	51.8	41.6	0.0	6.6	-19.02	-19.01	-39.93	124.1	34.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 40% open
OXEW1912	9/26/2022 11:54	50.8	38.9	0.0	10.3	-20.63	-18.69	-44.95	124.6	37.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW1913	9/2/2022 12:57	59.1	37.8	0.1	3.0	-5.49	-13.34	-45.36	89.7	6.3	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 15% open
OXEW1913	9/14/2022 12:54	28.8	31.1	0.3	39.8	-38.27	-37.57	-40.56	93.2	1.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW1913	9/27/2022 12:57	16.6	20.9	6.0	56.5	-37.19	-18.24	-45.82	98.5	5.3	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 10% open
OXEW1913	9/27/2022 13:03	7.7	13.6	9.3	69.4	-9.79	-8.93	-45.57	98.8	3.6	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less
OXEW1914	9/14/2022 10:43	57.7	40.7	0.2	1.4	-39.84	-39.84	-39.85	103.1	4.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW1914	9/27/2022 12:11	56.7	43.2	0.1	0.0	-45.29	-45.29	-44.85	103.5	16.3	Valve Adjustment:No Change,Valve 100% open
OXEW1915	9/2/2022 8:56	33.4	35.9	0.7	30.0	-5.75	-5.41	-48.40	73.1	12.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1915	9/15/2022 12:41	36.8	35.3	0.5	27.4	-4.81	-1.08	-49.26	76.4	11.5	Valve Adjustment:Closed valve 1/2 turn or less
OXEW1915	9/28/2022 12:21	56.1	43.9	0.0	0.0	-0.20	-0.20	-50.06	82.1	2.7	Valve Adjustment:No Change
OXEW1916	9/15/2022 8:46	56.2	38.4	0.8	4.6	-44.89	-45.01	-46.70	59.4	0.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW1916	9/19/2022 11:41	54.4	38.9	1.6	5.1	-44.58	-44.47	-45.43	73.1	1.1	Valve Adjustment:No Change,Valve at minimum position
OXEW1917	9/15/2022 8:39	52.0	35.8	0.1	12.1	-39.23	-39.23	-46.70	74.0	3.9	Valve Adjustment:No Change
OXEW1917	9/19/2022 12:28	52.2	40.3	0.1	7.4	-37.74	-37.82	-45.48	80.2	4.0	Valve Adjustment:No Change
OXEW1919	9/2/2022 10:51	14.8	18.1	4.8	62.3	-8.12	-8.12	-46.19	75.8	6.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1919	9/19/2022 11:07	58.6	38.8	0.0	2.6	0.05	-0.23	-43.59	75.5	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW1919	9/19/2022 11:08	59.5	40.3	0.1	0.1	-2.45	-8.09	-43.58	77.2	2.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW1920	9/2/2022 10:47	7.1	18.2	1.4	73.3	-20.84	-10.28	-45.91	69.5	17.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1920	9/19/2022 11:03	9.4	20.5	0.4	69.7	-11.74	-0.31	-43.72	70.2	10.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW1921	9/2/2022 10:22	51.2	38.6	0.1	10.1	-42.96	-42.64	-45.81	114.3	31.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 65% open
OXEW1921	9/19/2022 10:38	53.3	38.4	0.1	8.2	-40.44	-40.48	-44.22	114.7	31.7	Valve Adjustment:No Change
OXEW2001	9/2/2022 10:30	50.8	43.1	0.0	6.1	-0.91	-0.78	-47.70	131.1	11.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less
OXEW2001	9/2/2022 10:31	50.4	43.9	0.0	5.7	-0.61	-0.59	-47.14	130.4	10.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXEW2001	9/19/2022 12:13	52.9	42.9	0.0	4.2	-0.48	-0.47	-47.51	69.5	10.9	Valve Adjustment:No Change
OXEW2001	9/19/2022 12:14	53.0	42.8	0.2	4.0	-0.45	-0.46	-47.25	127.9	10.3	Valve Adjustment:No Change
OXEW2002	9/1/2022 13:27	46.8	38.3	0.0	14.9	-30.69	-30.36	-44.97	122.2	41.9	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 20% open
OXEW2002	9/16/2022 8:42	47.2	36.8	0.2	15.8	-31.97	-23.42	-49.36	121.6	40.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2002	9/16/2022 9:16	50.3	39.0	0.2	10.5	-10.79	-9.46	-50.21	119.6	24.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2003	9/1/2022 13:33	53.4	40.1	0.4	6.1	-44.36	-44.53	-44.89	119.9	10.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2003	9/16/2022 9:30	52.7	40.1	1.1	6.1	-49.83	-49.60	-49.93	115.7	9.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2004	9/2/2022 9:38	50.5	40.9	0.0	8.6	-40.93	-40.73	-50.32	129.0	63.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open

OXEW2004	9/16/2022 9:52	49.5	38.4	0.5	11.6	-41.91	-37.93	-50.83	129.0	63.7	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 60% open
OXEW2005	9/2/2022 9:46	54.2	42.5	0.0	3.3	-3.39	-3.48	-45.95	117.2	3.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2005	9/16/2022 12:17	52.3	38.6	0.0	9.1	-3.51	-3.51	-4.64	123.7	43.4	Valve Adjustment:No Change
OXEW2007	9/2/2022 10:29	51.5	38.0	0.4	10.1	-45.36	-45.33	-45.92	110.6	14.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXEW2007	9/19/2022 10:45	47.1	35.7	1.3	15.9	-43.33	-41.45	-43.58	110.3	16.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2008	9/2/2022 10:57	50.8	34.2	0.0	15.0	-46.34	-45.90	-45.98	78.6	6.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXEW2008	9/19/2022 11:19	50.9	34.3	0.1	14.7	-43.51	-43.55	-43.12	78.3	3.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXEW2009	9/2/2022 12:34	55.6	43.2	0.6	0.6	-46.54	-46.86	-46.63	103.9	15.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2009	9/21/2022 12:49	56.0	40.0	0.4	3.6	-46.68	-46.62	-47.02	103.7	11.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open
OXEW2010	9/2/2022 12:19	14.8	18.5	6.4	60.3	-45.75	-45.63	-46.38	85.4	12.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 25% open
OXEW2010	9/2/2022 13:41	15.3	18.8	6.3	59.6	-40.37	-40.28	-46.04	85.3	11.3	Valve Adjustment:No Change,Valve at minimum position
OXEW2010	9/7/2022 12:16	16.5	19.3	5.8	58.4	-36.60	-15.09	-42.03	89.4	9.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXEW2010	9/7/2022 12:18	16.3	19.2	6.0	58.5	-4.42	-4.14	-42.23	90.3	2.5	Valve Adjustment:NSPS
OXEW2010	9/19/2022 12:33	56.9	43.1	0.0	0.0	2.62	-0.13	-45.43	74.8	5.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW2010	9/19/2022 12:33	56.7	43.3	0.0	0.0	-0.88	-0.89	-45.64	75.6	5.5	Valve Adjustment:No Change
OXEW2011	9/2/2022 10:43	46.5	42.4	0.0	11.1	-4.72	-4.12	-46.96	115.8	12.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2011	9/19/2022 11:49	56.3	42.5	0.0	1.2	-1.30	-1.29	-45.40	115.8	10.0	Valve Adjustment:No Change
OXEW2012	9/1/2022 13:11	52.2	40.7	0.3	6.8	-23.25	-23.25	-46.67	112.8	18.3	Valve Adjustment:No Change
OXEW2012	9/16/2022 8:51	50.3	37.4	0.1	12.2	-20.33	-15.97	-50.77	111.8	20.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2016	9/13/2022 10:26	57.9	41.8	0.0	0.3	-0.92	-0.94	-38.53	129.7	13.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open
OXEW2016	9/26/2022 11:25	58.6	40.8	0.0	0.6	-1.43	-0.63	-42.72	130.9	12.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW2016	9/26/2022 11:25	58.5	41.1	0.3	0.1	-0.54	-0.54	-42.08	130.2	13.8	Valve Adjustment:No Change
OXEW2017	9/13/2022 10:22	55.2	41.0	0.5	3.3	-1.39	-1.38	-38.32	126.4	17.6	Valve Adjustment:No Change
OXEW2017	9/26/2022 11:00	57.1	38.6	0.4	3.9	-1.09	-2.45	-42.78	127.0	18.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open
OXEW2019	9/12/2022 9:22	61.0	37.7	0.1	1.2	-7.82	-7.85	-8.94	91.1	4.0	Valve Adjustment:No Change,Valve 100% open
OXEW2020	9/14/2022 13:43	58.6	41.4	0.0	0.0	-8.78	-2.66	-45.05	134.5	13.5	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW2020	9/14/2022 13:44	57.8	41.8	0.4	0.0	-2.10	-2.09	-44.42	128.9	2.9	Valve Adjustment:No Change,Valve at minimum position
OXEW2020	9/22/2022 13:55	57.9	41.9	0.2	0.0	-6.42	-6.42	-45.55	130.0	10.9	Valve Adjustment:No Change
OXEW2021	9/7/2022 13:49	49.6	31.8	3.3	15.3	-0.86	-0.99	-39.82	107.3	3.3	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 15% open
OXEW2021	9/22/2022 14:21	60.4	39.5	0.0	0.1	-1.33	-10.99	-45.86	101.5	0.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open
OXEW2022	9/9/2022 8:48	55.9	39.9	0.1	4.1	-37.85	-37.92	-39.80	127.1	31.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXEW2022	9/23/2022 12:58	52.8	37.1	0.1	10.0	-41.45	-41.50	-43.58	126.5	33.0	Valve Adjustment:No Change
OXEW2023	9/9/2022 11:31	59.0	40.9	0.1	0.0	-34.12	-34.24	-34.72	125.2	46.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2023	9/21/2022 10:26	59.7	40.1	0.0	0.2	-40.18	-39.80	-40.95	124.8	55.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2024	9/9/2022 12:09	48.5	38.9	0.1	12.5	-8.65	-6.38	-35.53	115.1	53.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open

OXEW2024	9/20/2022 10:14	50.4	39.8	0.1	9.7	-6.20	-4.27	-40.99	115.7	39.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2025	9/13/2022 9:53	34.0	24.6	9.5	31.9	-31.46	-27.57	-31.93	61.6	1.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEW2025	9/13/2022 10:01	38.0	27.1	8.3	26.6	-10.01	-5.07	-33.06	60.6	3.7	Valve Adjustment:NSPS,Closed valve 1/2 turn or less
OXEW2025	9/13/2022 11:31	60.0	40.0	0.0	0.0	-34.12	-34.45	-35.41	65.7	6.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2025	9/13/2022 12:26	60.9	39.0	0.1	0.0	-34.33	-34.61	-34.79	71.7	6.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn to 1 turn
OXEW2025	9/14/2022 8:43	60.7	36.8	0.1	2.4	-35.28	-35.56	-35.29	66.9	9.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2025	9/20/2022 9:29	59.6	40.1	0.2	0.1	-40.21	-40.26	-40.26	79.3	5.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2026	9/13/2022 9:37	58.3	41.7	0.0	0.0	-24.02	-24.02	-31.97	100.8	74.2	Valve Adjustment:No Change
OXEW2026	9/20/2022 9:25	58.8	39.2	0.1	1.9	-30.50	-30.53	-44.77	101.2	88.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2027	9/12/2022 9:12	61.6	36.8	0.4	1.2	-37.88	-37.73	-39.03	80.2	26.9	Valve Adjustment:No Change,Valve 100% open
OXEW2027	9/27/2022 8:42	59.7	37.9	0.4	2.0	42.55	40.55	-49.32	59.5	27.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2027	9/27/2022 8:43	60.3	38.7	0.2	0.8	-42.57	-42.81	-48.53	71.1	8.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXEW2028	9/13/2022 9:33	47.6	34.0	4.2	14.2	-32.50	-32.50	-32.55	57.4	0.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2028	9/20/2022 9:22	54.5	38.5	1.7	5.3	-42.32	-42.41	-42.22	76.6	0.1	Valve Adjustment:No Change,Valve 20% open
OXEW2028	9/20/2022 11:02	57.9	41.8	0.3	0.0	-42.95	-42.99	-42.70	75.6	1.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2028	9/21/2022 11:40	57.7	39.6	0.6	2.1	-42.83	-42.92	-42.58	72.7	0.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXEW2029	9/9/2022 8:52	52.0	39.7	0.2	8.1	-4.74	-5.00	-39.20	123.4	24.6	Valve Adjustment:No Change
OXEW2029	9/23/2022 13:04	50.4	36.0	0.3	13.3	-5.58	-4.95	-42.43	122.9	25.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open
OXEW2030	9/9/2022 11:45	57.8	42.2	0.0	0.0	-32.10	-32.31	-33.21	124.3	23.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2030	9/21/2022 10:42	59.1	40.8	0.0	0.1	-18.26	-18.27	-18.99	122.7	16.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2031	9/13/2022 10:31	54.3	42.0	0.0	3.7	-36.45	-36.42	-37.24	126.3	2.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2031	9/26/2022 11:30	53.6	38.1	0.0	8.3	-40.60	-40.54	-41.96	126.9	3.5	Valve Adjustment:No Change
OXEW2101	9/6/2022 12:32	51.6	40.3	0.0	8.1	-0.91	-0.89	-42.32	127.2	18.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2101	9/22/2022 13:30	50.3	41.0	0.0	8.7	-0.83	-0.76	-45.99	126.5	19.0	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXEW2102	9/9/2022 11:51	58.7	41.3	0.0	0.0	-31.62	-31.89	-33.13	109.7	24.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2102	9/21/2022 9:14	58.9	38.0	0.0	3.1	-17.63	-17.62	-18.68	74.2	11.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2103	9/9/2022 12:05	50.6	38.7	1.5	9.2	-8.07	-7.72	-38.39	107.6	67.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2103	9/20/2022 14:02	48.2	35.2	2.1	14.5	-8.48	-3.96	-44.76	107.3	70.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2103	9/21/2022 9:32	57.3	38.3	0.1	4.3	-1.72	-2.55	-40.79	108.1	30.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXEW2104	9/14/2022 13:56	42.9	36.6	0.0	20.5	-18.25	-14.73	-19.95	115.4	27.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXEW2104	9/20/2022 9:47	41.5	37.7	0.0	20.8	-13.47	-8.47	-14.79	115.7	25.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2106	9/13/2022 9:13	55.5	41.3	0.0	3.2	-24.36	-24.36	-24.86	116.2	16.8	Valve Adjustment:No Change
OXEW2106	9/26/2022 12:04	55.2	39.9	0.0	4.9	-28.75	-28.73	-29.25	117.6	19.8	Valve Adjustment:No Change
OXEW2107	9/2/2022 10:27	55.1	44.4	0.5	0.0	-16.75	-23.32	-42.17	130.1	5.4	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 35% open
OXEW2107	9/19/2022 12:17	55.4	43.9	0.0	0.7	-43.21	-42.90	-43.81	124.7	0.6	Valve Adjustment:No Change

OXEW2108	9/1/2022 13:23	47.6	39.0	0.0	13.4	-18.82	-18.67	-45.99	127.8	33.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 35% open
OXEW2108	9/16/2022 8:23	48.6	34.5	0.0	16.9	-20.26	-14.96	-49.70	127.2	33.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2109	9/2/2022 10:39	27.8	33.3	0.0	38.9	-13.78	-11.32	-48.44	98.4	4.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2109	9/19/2022 11:57	56.4	43.6	0.0	0.0	7.50	-0.08	-47.90	75.9	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXEW2109	9/19/2022 11:58	56.1	43.9	0.0	0.0	-1.42	-1.42	-47.38	85.0	6.9	Valve Adjustment:No Change
OXEW2110	9/9/2022 11:37	58.8	41.2	0.0	0.0	-33.48	-33.53	-33.62	106.1	8.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2110	9/21/2022 10:31	59.4	39.6	0.0	1.0	-38.89	-38.74	-38.93	108.5	7.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2111	9/15/2022 9:15	55.1	34.8	0.0	10.1	-9.05	-9.12	-44.06	96.3	133.7	Valve Adjustment:No Change
OXEW2111	9/27/2022 9:42	53.0	39.7	0.1	7.2	-9.49	-9.45	-44.53	96.5	132.6	Valve Adjustment:No Change
OXEW2112	9/14/2022 9:51	56.1	39.7	0.0	4.2	-37.22	-37.23	-43.55	101.4	4.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2112	9/27/2022 10:05	54.6	41.0	0.1	4.3	-39.76	-39.83	-46.53	106.4	5.8	Valve Adjustment:No Change,Valve 100% open
OXEW2113	9/14/2022 9:16	51.1	36.7	0.2	12.0	-31.70	-31.52	-41.34	123.5	66.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 75% open
OXEW2113	9/26/2022 13:48	47.2	36.6	0.4	15.8	-33.50	-32.10	-44.79	123.5	67.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 65% open
OXEW2207	9/12/2022 9:47	59.3	40.1	0.1	0.5	-13.52	-13.48	-15.41	115.2	79.7	Valve Adjustment:No Change,Valve 100% open
OXEW2207	9/21/2022 9:19	57.7	38.5	0.0	3.8	-15.96	-15.93	-18.23	116.0	90.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2208	9/14/2022 9:41	58.8	40.4	0.0	0.8	-1.04	-1.27	-40.95	123.7	30.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXEW2208	9/26/2022 13:59	57.1	40.6	0.0	2.3	-2.28	-3.06	-40.34	123.3	32.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXEW2208	9/27/2022 9:32	49.7	38.5	0.1	11.7	-7.25	-6.41	-38.95	122.1	90.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXEW2209	9/9/2022 12:01	59.6	40.3	0.1	0.0	-34.15	-34.33	-34.40	100.0	30.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2209	9/21/2022 9:04	57.6	37.8	0.0	4.6	-39.57	-39.65	-40.39	96.1	40.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2210	9/2/2022 10:07	58.4	40.4	0.1	1.1	-6.48	-6.48	-6.39	119.1	5.6	Valve Adjustment:No Change,Valve 100% open
OXEW2210	9/9/2022 10:28	55.6	41.3	0.0	3.1	-34.91	-35.08	-34.86	117.4	30.4	Valve Adjustment:No Change
OXEW2210	9/12/2022 9:55	47.5	39.7	0.3	12.5	-34.30	-29.64	-34.45	117.2	37.5	Valve Adjustment:Closed valve >1 turn,Valve 20% open
OXEW2210	9/12/2022 12:58	47.6	37.8	0.1	14.5	-27.32	-23.90	-35.14	116.5	20.7	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 5% open
OXEW2210	9/19/2022 13:35	51.0	39.7	0.1	9.2	-32.46	-31.55	-40.09	115.9	185.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2211	9/9/2022 11:23	59.0	40.8	0.2	0.0	-32.54	-32.68	-27.02	125.1	53.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2211	9/21/2022 10:16	59.5	40.5	0.0	0.0	-37.18	-37.21	-37.76	124.5	61.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXEW2212	9/9/2022 12:19	49.8	40.2	0.0	10.0	-2.06	-2.06	-33.99	114.4	29.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXEW2212	9/20/2022 10:01	48.2	40.0	0.0	11.8	-2.27	-1.21	-41.28	113.9	30.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXEW2213	9/13/2022 9:28	57.1	42.5	0.0	0.4	-25.53	-25.55	-32.80	107.9	153.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 90% open
OXEW2213	9/20/2022 9:37	55.0	40.8	0.0	4.2	-32.70	-32.68	-42.60	107.9	176.7	Valve Adjustment:No Change
OXEW2214	9/9/2022 10:40	54.2	38.4	0.0	7.4	-0.73	-0.71	-40.12	102.6	3.9	Valve Adjustment:No Change
OXEW2214	9/19/2022 13:41	56.3	39.5	0.0	4.2	-0.83	-0.84	-45.34	101.6	21.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEW2214	9/21/2022 10:02	56.9	36.8	0.0	6.3	-0.63	-0.76	-46.08	97.1	24.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXEWHC6A**	9/2/2022 8:45	0.1	1.7	20.6	77.6	-0.18	-0.13	-48.30	58.5	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXEWHC6A**	9/2/2022 8:47	0.0	1.5	20.7	77.8	-0.29	-0.29	-45.39	58.3	0.3	Valve Adjustment:No Change
OXEWHC6A**	9/15/2022 12:24	0.3	3.1	18.3	78.3	-0.53	-0.57	-48.46	70.7	0.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXEWHC6A**	9/15/2022 12:26	0.0	2.2	18.4	79.4	-0.78	N/A	-48.57	71.4	0.2	Valve Adjustment:NSPS,Closed valve 1/2 turn or less
OXEWHC6A**	9/16/2022 8:09	0.6	3.3	19.0	77.1	-0.12	-0.10	-49.11	57.6	0.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXHC1922	9/14/2022 9:29	28.7	22.2	9.4	39.7	-1.09	-0.26	-43.23	95.1	21.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 30% open
OXHC1922	9/14/2022 9:34	40.6	30.7	4.4	24.3	-0.08	-0.06	-40.21	92.8	8.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXHC1922	9/26/2022 13:54	58.6	41.4	0.0	0.0	-0.05	-0.44	-41.39	90.3	8.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXHC2000	9/7/2022 12:50	61.4	36.5	0.0	2.1	1.81	-0.12	-17.00	108.1	26.6	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 50% open
OXHC2000	9/7/2022 12:52	62.3	37.7	0.0	0.0	-0.47	-1.48	-19.82	92.5	67.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open
OXHC2000	9/8/2022 11:28	59.9	39.1	0.1	0.9	-5.63	-7.32	-40.48	90.7	115.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2000	9/20/2022 13:48	60.3	39.7	0.0	0.0	-8.97	-8.94	-46.64	86.7	151.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2001	9/7/2022 12:56	61.5	37.3	0.0	1.2	5.68	-0.15	-18.42	105.5	38.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 40% open
OXHC2001	9/7/2022 12:57	60.5	39.5	0.0	0.0	-0.46	-2.09	-17.28	103.4	78.2	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 75% open
OXHC2001	9/8/2022 11:26	59.3	40.7	0.0	0.0	-11.56	-12.04	-37.34	98.8	111.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2001	9/20/2022 13:45	57.9	42.1	0.0	0.0	-16.97	-15.70	-46.70	77.9	118.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2013	9/13/2022 8:59	41.9	36.7	0.3	21.1	-4.61	-4.59	-34.91	68.7	12.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open
OXHC2013	9/26/2022 14:24	58.1	40.1	0.1	1.7	-0.21	-0.21	-44.35	89.0	12.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXHC2014	9/14/2022 9:47	58.0	39.4	0.0	2.6	-1.59	-1.59	-42.23	83.4	45.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2014	9/27/2022 9:49	59.3	40.7	0.0	0.0	-1.22	-1.23	-45.22	83.1	45.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2015	9/2/2022 11:23	55.8	37.6	0.1	6.5	-1.80	-1.86	-52.23	92.2	36.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXHC2015	9/16/2022 10:37	50.7	37.0	0.2	12.1	-2.09	-0.97	-53.39	80.2	39.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXHC2101	9/8/2022 9:12	60.2	38.0	0.3	1.5	-1.20	-1.20	-2.94	91.4	32.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXHC2101	9/9/2022 8:04	24.5	24.5	7.7	43.3	-0.46	-0.15	-4.41	92.2	24.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 20% open
OXHC2101	9/9/2022 8:09	21.4	23.7	7.4	47.5	-0.10	-0.10	-4.53	89.0	23.8	Valve Adjustment:No Change
OXHC2101	9/14/2022 8:56	32.6	30.3	1.6	35.5	-0.09	-0.08	-5.00	95.8	12.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open
OXHC2101	9/20/2022 11:37	25.2	26.9	4.8	43.1	0.02	-0.01	-5.66	87.1	1.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 5% open
OXHC2101	9/20/2022 11:38	24.4	27.8	2.7	45.1	-0.01	-0.01	-5.62	97.7	3.5	Valve Adjustment:No Change
OXHC2101	9/21/2022 9:40	41.0	33.6	2.4	23.0	-0.01	-0.01	-5.93	90.7	4.3	Valve Adjustment:No Change
OXLCR4A1	9/2/2022 11:25	58.6	39.5	0.0	1.9	-4.53	-9.70	-52.06	74.4	10.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open
OXLCR4A1	9/16/2022 10:42	55.9	38.3	0.0	5.8	-22.83	-19.70	-52.66	73.0	78.2	Valve Adjustment:No Change,Valve 30% open
OXLCR4B1	9/2/2022 11:27	53.8	38.4	1.7	6.1	-1.71	-1.71	-51.27	90.4	3.0	Valve Adjustment:No Change,Valve at minimum position
OXLCR4B1	9/16/2022 10:45	52.9	37.6	1.4	8.1	-1.38	-1.26	-51.94	80.8	5.4	Valve Adjustment:No Change,Valve at minimum position
OXLCRS07	9/7/2022 13:07	52.5	33.6	3.1	10.8	-1.23	-1.22	-42.01	89.1	34.9	Valve Adjustment:No Change
OXLCRS07	9/20/2022 12:31	37.4	25.9	7.6	29.1	-3.61	-1.86	-47.79	84.1	39.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve >1 turn
OXLCRS07	9/20/2022 12:42	26.7	18.1	11.8	43.4	-1.57	-1.64	-46.88	81.0	4.1	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less

OXLCRS07	9/21/2022 9:50	27.7	18.3	11.1	42.9	-0.17	-0.18	-46.55	62.7	12.1	Valve Adjustment:No Change
OXLCRS07	9/30/2022 10:10	0.2	0.4	21.8	77.6	-0.14	-0.24	-41.94	87.3	3.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS07	9/30/2022 10:12	51.6	35.7	2.7	10.0	-0.19	-0.27	-37.56	88.7	13.3	Valve Adjustment:No Change
OXLCRS10	9/8/2022 9:09	57.6	40.5	0.0	1.9	-1.24	-1.28	-3.13	89.2	10.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS10	9/8/2022 11:44	61.8	37.4	0.1	0.7	-1.41	-1.41	-3.21	92.1	10.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS10	9/9/2022 8:16	59.3	40.7	0.0	0.0	-2.13	-2.08	-4.47	87.9	11.7	Valve Adjustment:No Change
OXLCRS10	9/20/2022 11:42	57.3	42.6	0.1	0.0	-2.66	-2.68	-5.30	88.2	12.8	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS11	9/8/2022 9:07	57.1	40.5	0.0	2.4	-0.49	-0.49	-3.36	85.6	13.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS11	9/8/2022 11:47	59.0	40.3	0.0	0.7	-0.30	-0.29	-3.58	88.2	13.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS11	9/9/2022 8:14	56.1	43.9	0.0	0.0	-0.69	-0.67	-4.84	85.8	15.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open
OXLCRS11	9/20/2022 11:44	55.3	42.6	0.1	2.0	-1.00	-1.00	-5.90	86.4	16.7	Valve Adjustment:No Change
OXLCRS3A	9/7/2022 10:32	57.6	42.2	0.0	0.2	-33.83	-34.74	-39.15	99.2	92.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS3A	9/23/2022 10:49	56.7	43.3	0.0	0.0	-36.26	-36.03	-40.83	97.1	121.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS3B	9/7/2022 10:29	57.6	40.8	0.0	1.6	-35.13	-33.87	-39.88	100.6	120.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS3B	9/23/2022 10:47	57.0	42.6	0.0	0.4	-37.32	-37.36	-42.10	99.3	123.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXLCRS7B	9/7/2022 13:09	52.7	33.7	2.9	10.7	-1.21	-1.21	-35.23	87.6	56.7	Valve Adjustment:No Change
OXLCRS7B	9/20/2022 12:50	36.6	25.2	8.2	30.0	-11.98	-11.93	-43.68	83.0	54.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 60% open
OXLCRS7B	9/20/2022 13:00	22.7	14.7	12.9	49.7	-2.81	-2.15	-45.30	83.3	73.1	Valve Adjustment:NSPS,Closed valve 1/2 turn or less,Valve 50% open
OXLCRS7B	9/20/2022 13:29	38.6	26.8	7.9	26.7	-8.13	-1.11	-48.17	83.6	42.2	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 30% open
OXLCRS7B	9/21/2022 9:55	45.5	31.0	5.5	18.0	-2.61	-1.82	-41.90	82.8	44.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open
OXLCRS7B	9/30/2022 9:58	60.0	36.8	0.1	3.1	-7.78	-11.21	-43.23	80.8	54.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXLCRS9A	9/14/2022 9:57	43.6	49.5	0.3	6.6	-17.08	-16.56	-42.42	80.7	12.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXLCRS9A	9/27/2022 9:53	51.4	48.3	0.0	0.3	-16.19	-16.19	-45.36	81.2	12.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXLCRS9B	9/14/2022 10:03	33.9	55.2	0.5	10.4	-1.45	-1.13	-39.88	79.3	22.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open
OXLCRS9B	9/27/2022 9:59	46.9	51.4	0.1	1.6	-0.47	-0.35	-41.55	79.5	12.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXME302D	9/7/2022 14:07	47.5	30.9	4.5	17.1	-10.90	-9.93	-40.07	120.4	16.4	Valve Adjustment:Closed valve 1/2 turn or less
OXME302D	9/22/2022 14:15	59.5	39.8	0.0	0.7	-10.45	-17.88	-46.15	119.4	15.7	Valve Adjustment:Opened valve 1/2 turn or less
OXME306D	9/7/2022 9:14	56.6	39.0	0.0	4.4	-41.53	-41.56	-42.74	126.9	18.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME306D	9/23/2022 12:35	55.3	37.9	0.0	6.8	-42.41	-42.43	-43.55	127.0	17.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME312D	9/9/2022 9:02	55.9	40.3	0.0	3.8	-1.18	-1.18	-39.21	109.5	6.6	Valve Adjustment:Opened valve 1/2 turn or less
OXME312D	9/23/2022 13:11	49.5	37.3	0.0	13.2	-1.54	-1.52	-42.59	111.7	7.5	Valve Adjustment:Closed valve 1/2 turn or less
OXME316D	9/14/2022 11:01	58.9	39.5	0.0	1.6	-31.43	-31.38	-32.97	127.5	23.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME316D	9/27/2022 12:24	57.5	42.5	0.0	0.0	-38.88	-38.87	-40.57	127.3	25.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXME317D	9/14/2022 11:10	57.8	41.1	0.0	1.1	-34.61	-34.61	-34.47	85.3	4.2	Valve Adjustment:Opened valve 1/2 turn or less
OXME317D	9/27/2022 12:32	57.0	43.0	0.0	0.0	-43.70	-43.75	-43.42	87.3	5.7	Valve Adjustment:Opened valve 1/2 turn or less

OXMEW113	9/12/2022 13:27	47.2	34.0	1.4	17.4	-9.65	-8.89	-39.26	81.7	70.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW113	9/23/2022 9:36	50.8	40.7	1.4	7.1	-10.65	-9.21	-43.00	78.6	85.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW122	9/14/2022 14:08	59.6	40.0	0.4	0.0	-41.78	-41.77	-41.87	90.7	2.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW122	9/28/2022 8:35	58.2	41.8	0.0	0.0	-46.02	-46.26	-46.29	63.4	8.1	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW126	9/12/2022 12:31	53.5	36.1	1.9	8.5	-38.14	-38.12	-39.84	79.7	89.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW126	9/28/2022 10:38	57.0	43.0	0.0	0.0	-43.80	-44.08	-45.64	77.0	88.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW138	9/7/2022 10:35	50.8	38.9	0.0	10.3	-2.09	-1.17	-39.51	82.4	5.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW138	9/23/2022 10:30	55.8	41.6	0.0	2.6	-0.53	-0.87	-41.72	82.8	3.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEW145	9/12/2022 12:58	57.9	41.9	0.2	0.0	-38.75	-38.86	-38.97	82.8	5.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW145	9/23/2022 9:18	56.2	42.6	0.3	0.9	-43.61	-43.43	-43.75	82.0	4.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW156	9/2/2022 8:39	43.5	37.7	0.5	18.3	-29.66	-29.16	-48.84	71.5	6.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW156	9/15/2022 12:17	46.0	38.4	0.6	15.0	-28.77	-0.28	-48.63	75.8	7.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW156	9/28/2022 12:12	56.1	43.9	0.0	0.0	-2.72	-1.21	-49.43	83.7	1.8	Valve Adjustment:No Change
OXMEW158	9/12/2022 12:19	50.9	40.1	0.1	8.9	-31.46	-30.58	-38.89	73.5	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW158	9/28/2022 10:23	53.8	46.2	0.0	0.0	-2.50	-2.49	-45.69	78.5	1.8	Valve Adjustment:No Change
OXMEW159	9/12/2022 12:22	52.6	41.5	0.0	5.9	-12.12	-12.12	-39.35	75.7	0.0	Valve Adjustment:No Change
OXMEW159	9/28/2022 10:28	53.7	46.3	0.0	0.0	-12.30	-12.17	-45.86	75.2	31.5	Valve Adjustment:No Change
OXMEW162	9/12/2022 11:36	53.9	34.6	2.6	8.9	-31.12	-27.93	-38.70	70.4	1.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW162	9/28/2022 8:53	0.0	0.0	3.9	96.1	-38.24	-27.05	-46.45	71.7	3.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW170	9/2/2022 10:11	39.0	30.8	0.6	29.6	-41.61	-39.85	-45.63	69.9	1.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW170	9/16/2022 12:41	63.9	32.8	0.0	3.3	1.49	-9.62	-46.52	68.8	0.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXMEW170	9/16/2022 12:44	65.4	33.5	0.0	1.1	-40.26	-40.50	-46.45	70.3	7.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXMEW173	9/2/2022 9:33	33.9	33.2	0.0	32.9	-3.05	-3.03	-48.29	93.9	41.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW173	9/16/2022 10:01	31.9	33.1	0.4	34.6	-3.00	-2.54	-49.62	94.1	26.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW174	9/2/2022 8:35	32.4	34.0	0.0	33.6	-1.99	-1.96	-48.33	66.7	4.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW174	9/15/2022 12:03	38.3	36.1	0.1	25.5	-1.19	-0.47	-48.18	74.2	2.5	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW174	9/28/2022 12:29	57.0	42.9	0.1	0.0	-0.08	-0.12	-49.50	86.2	4.6	Valve Adjustment:No Change
OXMEW175	9/2/2022 8:51	20.6	30.1	0.2	49.1	-9.81	-9.63	-48.45	81.3	6.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	9/15/2022 12:33	25.2	30.0	0.2	44.6	-7.58	-2.98	-48.40	83.7	4.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW175	9/28/2022 12:16	55.7	44.3	0.0	0.0	0.43	-0.12	-49.28	85.0	0.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXMEW175	9/28/2022 12:17	55.9	44.1	0.0	0.0	-0.79	-0.66	-49.58	85.5	2.9	Valve Adjustment:No Change
OXMEW176	9/2/2022 13:02	58.5	39.5	0.1	1.9	-18.50	-19.10	-43.30	111.8	43.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW176	9/28/2022 11:09	55.0	43.5	0.0	1.5	-20.46	-20.46	-13.96	111.7	44.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW181	9/14/2022 12:59	50.4	41.8	0.1	7.7	-22.07	-22.01	-40.38	113.7	36.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW181	9/27/2022 13:11	49.0	44.4	0.1	6.5	-29.31	-28.47	-45.15	112.8	23.8	Valve Adjustment:Closed valve 1/2 turn or less

OXMEW182	9/14/2022 11:54	51.8	38.1	0.3	9.8	-35.22	-35.37	-37.93	120.2	15.5	Valve Adjustment:Valve 100% open,Closed valve 1/2 turn or less
OXMEW182	9/23/2022 13:42	51.1	37.3	0.1	11.5	-38.85	-38.75	-42.57	120.3	14.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 95% open
OXMEW183	9/14/2022 13:16	55.2	41.5	0.0	3.3	-4.24	-4.25	-39.61	117.8	36.0	Valve Adjustment:No Change
OXMEW183	9/27/2022 13:24	56.7	43.3	0.0	0.0	-4.69	-4.70	-43.98	117.2	41.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW184	9/6/2022 11:36	52.5	39.4	0.1	8.0	-0.42	-0.41	-36.21	125.7	25.5	Valve Adjustment:No Change
OXMEW184	9/22/2022 10:13	56.1	40.0	0.0	3.9	-0.28	-0.28	-39.45	125.0	20.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW185	9/6/2022 11:41	50.0	39.1	0.4	10.5	-0.94	-0.93	-37.55	120.4	28.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW185	9/22/2022 10:20	51.4	37.5	0.3	10.8	-0.80	-0.79	-45.21	119.6	14.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW186	9/9/2022 9:22	56.0	44.0	0.0	0.0	0.01	-0.05	-39.53	90.8	1.6	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open
OXMEW186	9/9/2022 9:37	43.6	37.2	4.7	14.5	-0.03	-0.03	-39.06	91.2	2.2	Valve Adjustment:No Change
OXMEW186	9/28/2022 13:40	0.1	0.2	21.4	78.3	-0.27	-0.28	-36.77	76.6	1.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW186	9/28/2022 13:42	0.0	0.0	21.5	78.5	-0.27	-0.27	-35.09	78.8	1.0	Valve Adjustment:No Change
OXMEW187	9/8/2022 10:17	49.0	40.1	0.0	10.9	-0.24	-0.24	-37.52	119.3	2.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW187	9/22/2022 10:42	45.5	38.9	0.0	15.6	-0.65	-0.62	-44.88	117.3	40.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	9/6/2022 12:44	47.6	38.7	0.0	13.7	-1.50	-1.39	-22.69	118.9	15.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW188	9/22/2022 13:05	47.5	40.5	0.0	12.0	-0.64	-0.61	-28.36	117.4	39.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	9/8/2022 9:59	48.5	38.4	0.1	13.0	-6.70	-6.55	-37.70	125.5	75.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW189	9/22/2022 13:25	49.5	40.0	0.1	10.4	-18.00	-18.14	-44.67	125.1	227.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW190	9/9/2022 8:55	52.0	39.8	0.1	8.1	-13.85	-13.85	-38.63	125.6	37.3	Valve Adjustment:No Change
OXMEW190	9/23/2022 13:08	50.7	36.3	0.1	12.9	-15.26	-15.26	-41.98	125.8	38.5	Valve Adjustment:Closed valve 1/2 turn or less,Valve 45% open
OXMEW191	9/1/2022 13:38	48.3	38.4	0.0	13.3	-5.00	-3.57	-45.06	126.8	85.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW191	9/16/2022 9:39	50.0	38.7	0.0	11.3	-3.57	-2.38	-49.68	125.9	19.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW192	9/2/2022 10:53	0.3	1.2	21.1	77.4	-1.47	-1.47	-49.66	75.1	2.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW192	9/2/2022 10:54	0.5	0.9	21.1	77.5	-1.47	-1.46	-49.83	77.8	3.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW192	9/16/2022 8:55	5.4	4.3	19.7	70.6	-1.43	-1.42	-50.52	58.3	0.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEW192	9/16/2022 8:56	5.1	4.2	19.4	71.3	-1.41	-1.41	-50.40	58.2	6.2	Valve Adjustment:NSPS
OXMEW192	9/22/2022 9:10	57.5	37.5	0.3	4.7	0.21	-0.06	-49.14	72.1	8.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less
OXMEW192	9/22/2022 9:13	57.8	37.8	0.2	4.2	-1.41	-1.94	-48.35	71.3	0.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open
OXMEW192	9/22/2022 9:43	56.6	37.9	0.3	5.2	-4.91	-5.67	-49.22	82.6	0.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW192	9/22/2022 12:34	56.9	42.8	0.3	0.0	-13.78	-14.42	-49.76	94.2	0.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open
OXMEW194	9/12/2022 13:53	52.7	38.2	0.7	8.4	-38.26	-38.40	-39.10	88.6	19.1	Valve Adjustment:No Change
OXMEW194	9/22/2022 10:02	53.0	39.2	0.7	7.1	-44.85	-44.78	-45.40	88.7	20.4	Valve Adjustment:No Change
OXMEW196	9/14/2022 12:00	46.0	37.5	0.0	16.5	-7.06	-7.07	-38.70	95.4	3.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW196	9/23/2022 13:37	45.8	35.4	0.0	18.8	-8.64	-8.56	-42.57	98.4	7.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW199	9/9/2022 9:42	51.5	40.2	0.0	8.3	-8.12	-8.43	-38.75	124.4	58.6	Valve Adjustment:Closed valve 1/2 turn or less

OXMEW199	9/23/2022 13:32	51.4	38.0	0.1	10.5	-8.98	-8.98	-42.43	124.8	62.6	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	9/8/2022 10:21	43.6	38.7	0.0	17.7	-1.14	-1.06	-38.10	122.2	19.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW200	9/22/2022 10:37	43.0	36.6	0.0	20.4	-1.40	-0.73	-45.60	120.3	19.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	9/8/2022 10:34	43.4	37.7	0.0	18.9	-0.48	-0.41	-37.44	108.5	6.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW201	9/22/2022 10:28	45.2	36.4	0.0	18.4	-0.59	-0.37	-44.54	104.7	9.1	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW203	9/12/2022 13:32	60.2	35.6	0.1	4.1	-3.17	-8.26	-39.17	79.7	7.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW203	9/23/2022 9:59	46.5	36.5	0.3	16.7	-16.10	-9.12	-44.20	85.8	18.1	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMEW204	9/7/2022 10:15	57.4	40.4	0.2	2.0	-0.33	-3.44	-39.57	101.8	2.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEW204	9/23/2022 10:04	53.4	40.1	0.1	6.4	-2.67	-2.66	-41.97	101.9	11.8	Valve Adjustment:No Change
OXMEW205	9/8/2022 10:12	54.3	43.4	0.0	2.3	0.19	-0.06	-37.93	115.0	0.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open
OXMEW205	9/8/2022 10:13	54.1	44.5	0.0	1.4	-0.08	-0.08	-37.75	127.9	0.0	Valve Adjustment:No Change
OXMEW205	9/27/2022 13:31	53.8	45.8	0.4	0.0	0.18	-0.05	-44.90	120.1	0.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open
OXMEW205	9/27/2022 13:36	52.9	46.8	0.3	0.0	-0.09	-0.07	-44.79	130.1	0.0	
OXMEW209	9/14/2022 13:30	57.9	42.1	0.0	0.0	-1.82	-1.84	-44.02	124.0	3.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW209	9/22/2022 13:41	57.4	42.6	0.0	0.0	-1.61	-1.61	-45.98	129.5	4.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open
OXMEW210	9/7/2022 9:10	52.7	36.1	0.1	11.1	-38.56	-38.93	-42.02	125.5	32.4	Valve Adjustment:No Change
OXMEW210	9/23/2022 12:31	49.7	34.6	0.5	15.2	-39.25	-39.45	-43.21	125.1	32.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW300	9/7/2022 14:02	49.4	29.8	4.7	16.1	-7.41	-7.34	-40.19	104.1	10.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW300	9/22/2022 14:28	54.5	35.7	2.5	7.3	-13.45	-13.46	-45.47	103.3	12.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEW302	9/7/2022 14:12	58.5	34.6	0.1	6.8	-2.20	-2.58	-39.94	109.5	18.2	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW302	9/22/2022 14:09	49.0	37.8	0.0	13.2	-4.36	-4.22	-45.51	110.0	26.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	9/7/2022 9:18	44.3	35.4	0.0	20.3	-1.48	-1.47	-41.46	104.8	30.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW306	9/23/2022 12:38	47.2	35.9	0.0	16.9	-1.23	-1.17	-43.93	107.0	8.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW307	9/12/2022 12:53	58.8	39.2	0.7	1.3	-39.02	-38.98	-39.07	91.7	1.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW307	9/23/2022 9:14	58.0	40.0	0.7	1.3	-43.51	-43.55	-43.66	89.2	1.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMEW309	9/14/2022 13:33	51.9	40.6	0.2	7.3	-25.91	-25.91	-44.49	129.4	57.2	Valve Adjustment:No Change
OXMEW309	9/22/2022 13:45	47.7	39.0	0.3	13.0	-28.36	-28.43	-46.54	128.7	54.3	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	9/13/2022 13:29	44.6	40.7	0.0	14.7	-16.36	-16.02	-37.98	120.4	96.9	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW310	9/27/2022 11:25	43.5	39.4	0.0	17.1	-13.98	-10.57	-43.51	120.6	14.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	9/7/2022 9:47	48.4	36.8	0.2	14.6	-27.40	-27.06	-41.96	119.3	31.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW311	9/23/2022 10:21	46.5	38.8	0.0	14.7	-27.18	-26.61	-43.58	119.5	30.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	9/9/2022 9:05	49.9	39.8	0.2	10.1	-3.72	-3.64	-39.68	101.0	10.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW312	9/23/2022 13:14	49.2	37.5	0.0	13.3	-3.55	-3.47	-42.89	103.7	25.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW315	9/9/2022 8:39	50.5	38.4	0.0	11.1	-38.06	-38.02	-39.07	122.3	22.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open
OXMEW315	9/23/2022 12:50	49.1	34.4	0.0	16.5	-41.41	-41.40	-42.77	122.6	22.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 80% open

OXMEW316	9/14/2022 10:58	59.5	39.6	0.0	0.9	-33.57	-33.49	-34.66	115.4	7.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW316	9/27/2022 12:21	58.3	41.7	0.0	0.0	-41.27	-41.26	-42.76	115.8	8.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	9/14/2022 11:26	59.1	38.4	0.1	2.4	-34.22	-34.06	-34.06	107.0	13.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW317	9/27/2022 12:28	58.0	42.0	0.0	0.0	-43.58	-43.72	-43.44	107.2	15.5	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW318	9/14/2022 11:35	49.1	37.8	0.0	13.1	-1.97	-1.99	-34.94	112.3	30.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW318	9/27/2022 12:42	46.4	39.5	0.0	14.1	-2.40	-1.94	-43.83	111.6	35.5	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW319	9/13/2022 13:20	50.5	40.1	0.0	9.4	-11.74	-11.70	-38.28	108.8	14.3	Valve Adjustment:No Change
OXMEW319	9/27/2022 11:14	47.2	37.8	0.0	15.0	-12.80	-12.69	-44.10	109.4	16.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEW320	9/9/2022 9:57	57.4	41.3	0.0	1.3	-39.05	-39.07	-38.89	125.1	14.3	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW320	9/21/2022 10:58	58.2	41.3	0.0	0.5	-44.41	-44.24	-44.58	125.3	15.0	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW322	9/14/2022 10:51	54.2	39.4	0.1	6.3	-40.25	-40.29	-40.75	119.4	18.3	Valve Adjustment:No Change
OXMEW322	9/27/2022 12:17	54.5	41.9	0.0	3.6	-44.91	-44.89	-45.27	119.1	23.7	Valve Adjustment:No Change,Valve 100% open
OXMEW323	9/13/2022 12:44	58.8	41.2	0.0	0.0	-36.85	-36.93	-37.19	115.6	14.9	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW323	9/16/2022 12:08	58.8	37.9	0.1	3.2	-43.11	-43.08	-34.72	115.8	177.7	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	9/13/2022 10:47	57.4	42.6	0.0	0.0	-28.08	-28.47	-34.72	117.6	20.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEW328	9/26/2022 11:50	58.8	40.5	0.0	0.7	-30.12	-30.49	-37.85	118.9	20.4	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	9/12/2022 12:44	57.0	40.0	0.1	2.9	-39.35	-39.21	-39.38	76.1	N/A	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWHC1	9/26/2022 13:13	55.2	43.3	0.3	1.2	-44.32	-44.23	-44.18	78.0	N/A	Valve Adjustment:No Change
OXMEWW05	9/15/2022 8:52	55.6	37.8	0.0	6.6	-49.54	-49.47	-49.42	111.2	50.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 65% open
OXMEWW05	9/21/2022 12:53	56.3	41.9	0.1	1.7	-49.83	-49.64	-49.97	113.3	6.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 60% open
OXMEWW06	9/2/2022 12:53	55.0	44.9	0.1	0.0	-49.98	-50.02	-49.58	98.4	7.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXMEWW06	9/21/2022 12:58	55.9	41.8	0.0	2.3	-49.69	-49.71	-49.70	99.0	6.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 75% open
OXMEWW08	9/1/2022 13:20	54.9	39.8	0.3	5.0	-3.44	-3.95	-44.37	103.9	4.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open
OXMEWW08	9/16/2022 8:33	0.9	1.0	21.3	76.8	-3.99	-3.06	-49.04	59.1	2.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXMEWW08	9/16/2022 8:36	18.4	14.3	14.7	52.6	-2.63	-2.36	-49.61	58.8	0.4	Valve Adjustment:NSPS,Valve at minimum position
OXMEWW08	9/21/2022 12:28	51.9	37.8	2.0	8.3	-0.89	-0.84	-13.67	69.9	1.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW17	9/14/2022 12:44	55.2	44.7	0.1	0.0	-36.75	-36.71	-36.48	83.0	4.8	Valve Adjustment:No Change
OXMEWW17	9/26/2022 14:30	55.4	44.6	0.0	0.0	-39.45	-39.52	-39.46	83.1	9.3	Valve Adjustment:No Change
OXMEWW18	9/2/2022 13:18	26.4	21.1	11.7	40.8	-13.44	-10.57	-45.22	82.9	4.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW18	9/2/2022 13:19	26.0	20.1	11.4	42.5	-9.68	-9.24	-45.60	83.3	3.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW18	9/13/2022 8:38	31.2	25.5	10.3	33.0	-3.85	-0.85	-35.04	71.1	0.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW18	9/13/2022 8:45	51.7	39.7	2.3	6.3	0.04	-0.11	-34.99	67.7	0.0	Valve Adjustment:NSPS
OXMEWW18	9/14/2022 10:24	43.5	33.5	4.5	18.5	-0.63	-0.63	-44.06	76.6	0.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXMEWW18	9/26/2022 14:17	50.8	38.0	2.5	8.7	-0.16	-0.06	-44.23	78.6	0.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1G	9/2/2022 12:09	47.5	39.5	0.2	12.8	-10.43	-10.22	-46.54	83.2	7.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXMEWW1G	9/19/2022 12:37	52.4	42.4	0.0	5.2	-9.92	-9.34	-45.85	81.6	7.0	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1I	9/2/2022 13:16	39.4	34.0	0.5	26.1	-11.72	-6.54	-46.05	78.9	5.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1I	9/21/2022 13:03	45.2	36.9	0.1	17.8	-6.16	-6.08	-47.35	77.4	3.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1J	9/2/2022 13:20	44.5	37.2	1.2	17.1	-5.00	-4.99	-47.04	84.3	7.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1J	9/21/2022 13:06	44.4	36.5	1.4	17.7	-4.87	-4.86	-48.20	84.9	8.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMEWW1K	9/2/2022 13:25	37.8	35.7	1.6	24.9	-49.27	-48.96	-49.15	89.9	12.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1K	9/21/2022 13:14	36.7	33.9	1.6	27.8	-50.72	-50.23	-51.25	93.0	16.2	Valve Adjustment:Closed valve 1/2 turn or less
OXMEWW1S	9/13/2022 11:52	57.9	41.1	0.1	0.9	-32.89	-32.91	-34.10	73.5	24.6	Valve Adjustment:Opened valve 1/2 turn or less
OXMEWW1S	9/26/2022 14:40	55.4	42.4	0.0	2.2	-38.76	-38.74	-39.36	75.1	23.6	Valve Adjustment:No Change
OXMHCF03	9/14/2022 14:30	56.7	43.2	0.1	0.0	-43.03	-43.17	-44.59	86.2	34.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMHCF03	9/21/2022 13:38	57.6	41.9	0.1	0.4	-46.28	-46.35	-47.38	79.2	29.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMHCF04	9/14/2022 14:27	46.9	38.8	2.7	11.6	-41.26	-41.52	-44.43	80.7	3.4	Valve Adjustment:Closed valve 1/2 turn or less
OXMHCF04	9/21/2022 13:35	50.6	38.7	1.5	9.2	-44.91	-44.37	-47.51	82.0	8.7	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW30	9/2/2022 10:45	54.6	43.8	0.4	1.2	-48.84	-49.02	-48.50	75.8	6.1	Valve Adjustment:No Change,Valve 100% open
OXMPEW30	9/19/2022 11:45	57.4	42.0	0.1	0.5	-48.03	-48.16	-47.79	70.7	2.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW31	9/15/2022 8:42	57.4	39.4	0.0	3.2	-49.28	-49.01	-49.38	65.5	6.7	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW31	9/19/2022 12:25	57.1	42.8	0.1	0.0	-48.95	-48.69	-48.49	75.4	9.5	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW32	9/2/2022 9:01	22.9	33.1	0.0	44.0	-46.13	-45.98	-49.01	81.7	28.9	Valve Adjustment:Closed valve 1/2 turn or less,Valve 50% open
OXMPEW32	9/15/2022 12:49	22.9	31.5	0.1	45.5	-46.56	-32.51	-48.67	84.0	30.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn
OXMPEW32	9/28/2022 12:27	57.2	42.8	0.0	0.0	-14.66	-14.52	-49.68	86.0	18.1	Valve Adjustment:No Change
OXMPEW33	9/2/2022 9:06	45.2	38.5	0.0	16.3	-5.27	-4.99	-47.83	84.5	11.2	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open
OXMPEW33	9/16/2022 9:07	48.0	38.3	0.1	13.6	-3.03	-0.08	-50.84	84.2	8.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less
OXMPEW35	9/2/2022 10:36	44.3	41.7	0.8	13.2	-28.33	-26.63	-45.80	126.1	21.0	Valve Adjustment:Closed valve 1/2 turn or less
OXMPEW35	9/19/2022 12:02	54.3	43.8	0.0	1.9	-11.35	-11.37	-45.00	127.2	19.1	Valve Adjustment:No Change
OXMPEW44	9/13/2022 11:59	57.1	40.7	0.1	2.1	-34.14	-34.15	-34.30	79.8	5.0	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXMPEW44	9/26/2022 14:35	56.9	43.1	0.0	0.0	-39.44	-39.44	-39.30	84.2	19.8	Valve Adjustment:No Change
OXSS2033	9/8/2022 9:32	53.6	44.3	0.1	2.0	0.31	0.31	-37.32	99.4	0.5	Valve Adjustment:No Change,Valve at minimum position
OXSS2033	9/8/2022 9:34	53.5	44.3	0.4	1.8	0.54	0.25	-37.56	98.0	1.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2033	9/8/2022 11:21	55.3	43.5	0.2	1.0	-1.51	-2.24	-36.13	119.5	1.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2033	9/9/2022 8:21	54.4	44.5	0.3	0.8	-3.62	-3.73	-38.57	61.0	4.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less
OXSS2033	9/20/2022 13:41	52.4	46.3	0.2	1.1	-0.73	-0.08	-45.42	91.6	1.2	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less

OXSS2034	9/7/2022 12:44	57.4	40.2	0.2	2.2	-19.63	-22.07	-22.09	118.8	0.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less
OXSS2034	9/20/2022 13:36	57.6	42.2	0.2	0.0	-39.37	-39.35	-44.45	96.2	1.1	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less

***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_4 = Methane

CO_2 = Carbon Dioxide

O_2 = 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, ~~OXLCRS01~~, OXLCRS4A, OXLCRS4B, ~~OXLCRS05~~, ~~OXLCRS06~~, OXLCRS07, ~~OXMEWHC6~~, ~~OXMTBTC1~~, OXMEWW17, and ~~OXMHCF06~~.

LTCO per Title V Permit Condition Number 10164 part 18(d)(i)
OMTLTS01, OMTLTS02, OMTLTS03, OMTLTS04, OMTLTS05, OMTLTS06, OMTLTS07, OMTLTS08, OMTLTS09, OMTLTS10, OMTLTS11, OMTLTS12, OMTLTS15, OMTLTS16, OMTLTS17, OMTLTS18, OMTLTS19, OMTLTS20, ~~OXLCRS01~~, OXLCRS4A, OXLCRS4B, ~~OXLCRS05~~, ~~OXLCRS06~~, and OXLCRS07.

*Wells that have been decommissioned are noted with a strikethrough.

APPENDIX K

WELLFIELD DEVIATION LOG

Ox Mountain Landfill, Half Moon Bay, California
APRIL 1, 2022 THROUGH SEPTEMBER 30, 2022 WELLFIELD DEVIATION LOG

REPORT PREPARED BY: Tetra Tech
UPDATED DATE: 10/1/2022
LFG MONITORING DEVICE: GEM & Elkins Earthworks
MODEL: 2000 & Envision
DATE LAST CALIBRATED: DAILY

Well ID	Date and Time	CH_4	CO_2	O_2	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
OMTLTS02	9/12/2022 13:04	54.7	38.4	0.1	6.8	0.01	77.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OMTLTS02	9/12/2022 13:05	56.8	37.6	0.0	5.6	-0.06	76.6	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OMTLTS02 on September 12, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected. Well OMTLTS02 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).									
OMTLTS08	9/12/2022 11:27	0.3	1.3	22.0	76.4	-0.04	66.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OMTLTS08	9/12/2022 11:28	0.3	0.8	21.7	77.2	-0.04	66.5	Valve Adjustment:NSPS	
OMTLTS08	9/19/2022 13:51	0.3	0.4	21.0	78.3	-0.07	76.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OMTLTS08	9/19/2022 13:53	0.1	0.0	21.1	78.8	-0.07	78.0	Valve Adjustment:NSPS	**19 (as of October 1, 2022)**
Comments: An oxygen exceedance was detected at OMTLTS08 on September 12, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the date noted above but the well remains in exceedance. Well OMTLTS08 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).									
OMTLTS12	5/7/2022 14:22	0.0	0.8	20.9	78.3	-0.1	71.8	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 5% open	
OMTLTS12	5/7/2022 14:25	0.1	2.8	18.6	78.5	-0.2	79.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OMTLTS12	5/16/2022 12:56	22.4	18.4	8.0	51.2	-0.1	60.5	Valve Adjustment:No Change,Valve at minimum position	**9**
Comments: An oxygen exceedance was detected at OMTLTS12 on May 7, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on May 16, 2022 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).									
OMTLTS15	8/25/2022 13:38	1.5	2.3	19.7	76.5	-0.21	70.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OMTLTS15	8/25/2022 13:38	1.5	2.3	19.3	76.9	-0.25	70.9	Valve Adjustment:NSPS	
OMTLTS15	9/2/2022 13:27	2.1	3.3	18.8	75.8	-0.25	77.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OMTLTS15	9/2/2022 13:28	1.8	2.6	18.7	76.9	-0.25	77.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OMTLTS15	9/9/2022 12:57	10.5	14.3	12.9	62.3	-0.14	81.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	**15**
Comments: An oxygen exceedance was detected at OMTLTS15 on August 25, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the date noted above but the well remained in exceedance. The well was re-monitored on September 9, 2022 and no further exceedance was detected. Well OMTLTS15 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).									
OMTLTS17	7/7/2022 10:05	1.4	1.1	21.5	76.0	-0.2	62.8	Valve Adjustment:NSPS/CAI,Valve at minimum position	
OMTLTS17	7/7/2022 10:09	22.6	23.0	5.4	49.0	-0.3	65.0	Valve Adjustment:No Change,Valve at minimum position	**<1**
Comments: An oxygen exceedance was detected at OMTLTS17 on July 7, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected. Well OMTLTS17 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).									
OMTLTS19	5/7/2022 14:56	12.4	10.7	16.3	60.6	0.0	71.8	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 5% open	
OMTLTS19	5/7/2022 14:57	19.4	14.4	12.7	53.5	-0.1	78.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open	**<1**
Comments: An oxygen exceedance was detected at OMTLTS19 on May 7, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected. Well OMTLTS19 operates at up to 15-percent oxygen pursuant to Title V Permit Condition Number 10164 part 18(b)(i).									

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXEW133B	3/29/2022 9:48	16.6	23.1	5.8	54.5	-10.6	73.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn	
OXEW133B	3/29/2022 9:49	16.5	22.9	5.8	54.8	-8.8	73.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn	
OXEW133B	4/11/2022 10:47	16.7	25.3	1.6	56.4	-5.3	72.8	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	**13**
Comments: An oxygen exceedance was detected at OXEW133B on March 29, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on April 11, 2022 and no further exceedance was detected.									
OXEW133B	9/12/2022 13:15	0.1	0.3	21.5	78.1	-2.96	88.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXEW133B	9/12/2022 13:17	0.1	0.2	21.6	78.1	-3.58	89.3	Valve Adjustment:No Change	
OXEW133B	9/23/2022 9:48	0.1	0.0	22.0	77.9	-2.71	69.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXEW133B	9/23/2022 9:49	0.0	0.0	22.0	78.0	-2.96	69.5	Valve Adjustment:No Change	
OXEW133B	9/30/2022 11:24	15.6	19.9	4.8	59.7	-6.87	85.2	Valve Adjustment:Closed valve 1/2 turn or less	**18**
Comments: An oxygen exceedance was detected at OXEW133B on September 12, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the date noted above but the well remained in exceedance. The well was re-monitored on September 30, 2022 and no further exceedance was detected.									
OXEW1604	8/26/2022 14:02	53.8	38.7	0.1	7.4	-3.38	131.6	Valve Adjustment:Closed valve 1/2 turn or less	
OXEW1604	8/26/2022 14:04	54.3	41.5	0.0	4.2	-1.79	129.7	Valve Adjustment:No Change	**<1**
Comments: A temperature exceedance was detected at OXEW1604 on August 26, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1604	9/13/2022 10:40	56.9	43.1	0.0	0.0	0.14	127.3	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less	
OXEW1604	9/13/2022 10:42	56.4	43.6	0.0	0.0	-0.53	127.2	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXEW1604 on September 13, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1611	5/20/2022 14:05	40.7	29.6	8.3	21.4	-29.5	75.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	
OXEW1611	5/23/2022 8:31	45.9	34.8	4.2	15.1	-32.3	67.4	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	**3**
Comments: An oxygen exceedance was detected at OXEW1611 on May 20, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on May 23, 2022 and no further exceedance was detected.									
OXEW1614	5/3/2022 11:53	57.4	42.6	0.0	0.0	1.1	117.4	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less	
OXEW1614	5/3/2022 11:59	57.8	42.2	0.0	0.0	-4.8	120.8	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXEW1614 on May 3, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1617	5/25/2022 13:30	53.2	37.7	0.0	9.1	-4.0	131.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 10% open	
OXEW1617	5/25/2022 13:31	53.7	35.9	0.0	10.4	-2.5	130.3	Valve Adjustment:No Change	**<1**
Comments: A temperature exceedance was detected at OXEW1617 on May 25, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1617	8/25/2022 9:30	0.0	0.0	21.0	79.0	-1.35	128.3	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 10% open	
OXEW1617	8/25/2022 9:32	56.2	43.5	0.2	0.1	-1.29	128.0	Valve Adjustment:No Change	**<1**
Comments: An oxygen exceedance was detected at OXEW1617 on August 25, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1617	9/9/2022 9:15	56.3	42.3	0.0	1.4	0.68	125.9	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open	
OXEW1617	9/9/2022 9:16	57.3	42.5	0.1	0.1	-0.10	130.2	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXEW1617 on September 9, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXEW1619	7/18/2022 10:28	31.5	24.5	10.2	33.8	-39.1	105.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 90% open	
OXEW1619	7/18/2022 15:49	58.3	41.5	0.2	0.0	-40.6	124.6	Valve Adjustment:No Change	**<1**
Comments: An oxygen exceedance was detected at OXEW1619 on July 18, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1703	8/12/2022 9:53	58.5	41.5	0.0	0.0	8.65	120.2	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 10% open	
OXEW1703	8/12/2022 9:56	58.2	41.8	0.0	0.0	-14.01	122.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open	**<1**
Comments: A pressure exceedance was detected at OXEW1703 on August 12, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1705	4/8/2022 13:17	43.5	32.0	5.4	19.1	-15.5	92.7	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn	
OXEW1705	4/8/2022 13:19	38.4	28.7	7.2	25.7	-13.7	91.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 5% open	
OXEW1705	4/21/2022 12:07	58.0	42.0	0.0	0.0	-0.2	82.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open	**13**
Comments: An oxygen exceedance was detected at OXEW1705 on April 8, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on April 21, 2022 and no further exceedance was detected.									
OXEW1705	5/19/2022 12:12	58.1	41.4	0.0	0.5	2.7	95.9	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 15% open	
OXEW1705	5/19/2022 12:14	58.3	41.7	0.0	0.0	-0.1	99.7	Valve Adjustment:No Change,Valve 15% open	**<1**
Comments: A pressure exceedance was detected at OXEW1705 on May 19, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1715	6/27/2022 11:00	0.0	0.0	21.9	78.1	-0.13	84.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 25% open	
OXEW1715	6/27/2022 11:08	0.0	0.0	21.9	78.1	-0.17	85.6	Valve Adjustment:NSPS,Valve 20% open	
OXEW1715	7/6/2022 13:53	0.0	0.0	21.5	78.5	-0.07	85.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 5% open	
OXEW1715	7/6/2022 13:55	0.0	0.0	21.5	78.5	-0.07	85.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	
OXEW1715	7/7/2022 9:02	0.2	1.2	20.7	77.9	-0.05	65.5	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 25% open	
OXEW1715	7/7/2022 9:03	0.0	0.3	21.2	78.5	-0.42	68.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn to 1 turn	
OXEW1715	7/28/2022 10:13	0.1	0.3	22.0	77.6	-0.05	70.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXEW1715	7/28/2022 10:14	0.1	0.1	22.2	77.6	-0.06	70.5	Valve Adjustment:NSPS,Closed valve 1/2 turn or less	
OXEW1715	8/12/2022 13:35	1.2	1.4	21.2	76.2	0.04	97.7	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less	
OXEW1715	8/12/2022 13:36	0.3	0.5	20.8	78.4	-0.04	98.3	Valve Adjustment:No Change	
OXEW1715	8/24/2022 12:42	0.7	1.4	21.7	76.2	-0.07	85.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn	
OXEW1715	8/24/2022 12:44	0.1	0.3	21.9	77.7	0.00	86.4	Valve Adjustment:No Change	**58 (as of decommissioning)**
Comments: An oxygen exceedance was detected at OXEW1715 on June 27, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the dates noted above but the well remained in exceedance. The well was re-monitored on August 12, 2022 and 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 pressure exceedance was detected but the oxygen exceedance remained. The well was re-monitored on August 24, 2022 and another additional pressure exceedance was detected. The well was decommission on August 24, 2022. Please refer to Appendix C, Well SSM Log for further details.									
OXEW1801	7/7/2022 9:58	51.9	43.3	0.7	4.1	1.6	93.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open	
OXEW1801	7/7/2022 10:00	53.4	43.4	0.7	2.5	-0.9	107.7	Valve Adjustment:No Change,Valve 20% open	**<1**
Comments: A pressure exceedance was detected at OXEW1801 on July 7, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1801	7/27/2022 11:01	56.8	42.2	0.0	1.0	1.6	108.8	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 25% open	
OXEW1801	7/27/2022 11:01	56.6	43.2	0.0	0.2	-0.5	113.5	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXEW1801 on July 27, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXEW1807	5/23/2022 12:23	52.0	40.2	0.7	7.1	-17.2	132.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 30% open	
OXEW1807	5/23/2022 12:24	54.9	39.7	0.7	4.7	-9.1	130.4	Valve Adjustment:No Change,Valve 30% open	**<1**
Comments: A temperature exceedance was detected at OXEW1807 on May 25, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1807	6/14/2022 12:44	58.6	40.1	0.4	0.9	-3.9	131.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 25% open	
OXEW1807	6/14/2022 12:48	59.0	40.7	0.2	0.1	-1.7	130.4	Valve Adjustment:No Change	**<1**
Comments: A temperature exceedance was detected at OXEW1807 on June 14, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1807	6/28/2022 10:00	58.7	41.3	0.0	0.0	-0.8	131.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 20% open	
OXEW1807	6/28/2022 10:06	58.7	41.2	0.1	0.0	-0.1	131.7	Valve Adjustment:NSPS,Valve 20% open	
OXEW1807	7/7/2022 9:26	58.1	38.5	0.1	3.3	-0.3	131.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 25% open	
OXEW1807	7/7/2022 9:26	58.6	41.4	0.0	0.0	-0.2	130.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open	**9**
Comments: A temperature exceedance was detected at OXEW1807 on June 28, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored and adjusted on July 7, 2022 and no further exceedance was detected.									
OXEW1807	9/9/2022 10:04	57.3	42.5	0.2	0.0	-0.58	131.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 25% open	
OXEW1807	9/9/2022 10:11	57.7	42.3	0.0	0.0	-0.65	132.0	Valve Adjustment:NSPS	
OXEW1807	9/19/2022 13:18	58.2	41.5	0.3	0.0	-1.54	131.7	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 15% open	
OXEW1807	9/19/2022 13:26	59.1	38.4	0.2	2.3	2.50	131.9	***Adjusted Temperature Reading*** Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 25% open	
OXEW1807	9/19/2022 13:29	60.0	39.9	0.1	0.0	-0.31	131.9	Valve Adjustment:NSPS	**22 (as of October 1, 2022)**
Comments: A temperature exceedance was detected at OXEW1807 on September 9, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on September 19, 2022 and 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 pressure exceedance was detected but the temperature exceedance remains.									
OXEW1808	8/10/2022 12:44	0.0	0.0	6.7	93.3	-13.51	77.2	Valve Adjustment:NSPS/CAI,No Change	
OXEW1808	8/10/2022 12:46	43.8	31.6	5.5	19.1	-15.10	77.5	Valve Adjustment:NSPS	
OXEW1808	8/18/2022 11:53	44.7	33.9	4.9	16.5	-29.44	77.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	**8**
Comments: An oxygen exceedance was detected at OXEW1808 on August 10, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the exceedance re-monitored. The well was re-monitored on August 18, 2022 and no further exceedance was detected.									
OXEW1809	9/16/2022 11:53	57.9	42.0	0.1	0.0	12.58	86.4	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 30% open	
OXEW1809	9/16/2022 11:56	59.6	39.7	0.0	0.7	-1.07	120.0	Valve Adjustment:Opened valve 1/2 turn or less,Valve 50% open	**<1**
Comments: A pressure exceedance was detected at OXEW1809 on September 16, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1816	6/21/2022 11:38	42.9	32.1	5.6	19.4	-17.4	118.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 95% open	
OXEW1816	6/21/2022 11:40	43.7	32.2	4.9	19.2	-17.2	118.3	Valve Adjustment:Closed valve 1/2 turn or less,Valve 90% open	**<1**
Comments: An oxygen exceedance was detected at OXEW1816 on June 21, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1816	7/7/2022 11:55	0.6	1.0	11.5	86.9	-20.2	117.6	Valve Adjustment:NSPS/CAI,Closed valve >1 turn,Valve 50% open	
OXEW1816	7/7/2022 11:58	56.6	42.6	0.1	0.7	-12.0	118.0	Valve Adjustment:Valve 100% open,Opened valve >1 turn	**<1**
Comments: An oxygen exceedance was detected at OXEW1816 on July 7, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXEW1817	8/8/2022 11:17	58.5	39.7	0.0	1.8	34.70	77.5	Valve Adjustment:NSPS/CAI,Opened valve >10% ,Valve 30% open	
OXEW1817	8/8/2022 11:18	58.4	39.4	0.0	2.2	-2.18	111.4	Valve Adjustment:No Change,Valve 30% open	**<1**
Comments: A pressure exceedance was detected at OXEW1817 on August 8, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1901	9/7/2022 9:40	16.9	12.3	15.8	55.0	-42.74	84.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 30% open	
OXEW1901	9/7/2022 9:42	16.5	11.9	15.6	56.0	-42.44	85.3	Valve Adjustment:NSPS	
OXEW1901	9/19/2022 12:52	16.9	13.1	15.4	54.6	-45.09	83.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn	
OXEW1901	9/19/2022 12:54	12.3	9.0	17.4	61.3	-27.50	84.8	Valve Adjustment:NSPS	**24 (as of October 1, 2022)**
Comments: An oxygen exceedance was detected at OXEW1901 on September 7, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the date noted above but the well remains in exceedance.									
OXEW1909	7/28/2022 10:47	61.5	38.3	0.2	0.0	3.28	63.8	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less	
OXEW1909	7/29/2022 9:49	59.7	36.3	0.0	4.0	3.09	61.0	Valve Adjustment:NSPS,Valve 100% open,Opened valve 1/2 turn or less	
OXEW1909	8/5/2022 12:58	61.8	37.0	0.0	1.2	3.24	72.0	Valve Adjustment:NSPS,No Change,Valve 100% open	
OXEW1909	8/5/2022 12:59	62.0	37.5	0.0	0.5	3.27	72.2	Valve Adjustment:NSPS,No Change,Valve 100% open	
OXEW1909	9/12/2022 9:30	49.6	47.9	0.1	2.4	-2.28	75.0	Valve Adjustment:No Change,Valve 100% open	**46**
Comments: A pressure exceedance was detected at OXEW1909 on July 28, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the dates noted above but the well remained in exceedance. The well was re-monitored on September 12, 2022 and no further exceedance was detected.									
OXEW1913	9/27/2022 12:57	16.6	20.9	6.0	56.5	-37.19	98.5	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 10% open	
OXEW1913	9/27/2022 13:03	7.7	13.6	9.3	69.4	-9.79	98.8	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less	**3 (as of October 1, 2022)**
Comments: An oxygen exceedance was detected at OXEW1913 on September 27, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remains in exceedance.									
OXEW1915	8/29/2022 11:08	56.0	43.9	0.1	0.0	0.02	82.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXEW1915	8/29/2022 11:10	55.9	43.7	0.4	0.0	-1.34	78.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open	**<1**
Comments: A pressure exceedance was detected at OXEW1915 on August 29, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW1916	4/13/2022 14:51	38.8	24.9	7.4	28.9	-39.7	55.7	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	
OXEW1916	4/14/2022 16:48	54.9	32.8	1.8	10.5	-0.8	51.8	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	**1**
Comments: An oxygen exceedance was detected at OXEW133B on March 29, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on April 14, 2022 and no further exceedance was detected.									
OXEW1918	5/18/2022 8:44	26.8	31.6	0.0	41.6	0.0	67.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXEW1918	5/23/2022 8:12	24.7	29.2	0.0	46.1	-0.02	68.6	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	**5**
Comments: A pressure exceedance was detected at OXEW1918 on May 18, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on May 23, 2022 and no further exceedance was detected.									
OXEW1918	7/28/2022 9:43	4.6	9.0	13.2	73.2	-0.15	71.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXEW1918	7/28/2022 9:46	4.7	9.0	13.2	73.1	-0.22	68.5	Valve Adjustment:NSPS,Valve at minimum position	
OXEW1918	8/5/2022 12:47	53.8	33.7	0.1	12.4	-0.05	71.6	Valve Adjustment:No Change,Valve at minimum position	**8**
Comments: An oxygen exceedance was detected at OXEW1918 on July 28, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on August 5, 2022 and no further exceedance was detected.									

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXEW1919	9/19/2022 11:07	58.6	38.8	0.0	2.6	0.05	75.5	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXEW1919	9/19/2022 11:08	59.5	40.3	0.1	0.1	-2.45	77.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open	**<1**
Comments: A pressure exceedance was detected at OXEW1919 on September 19, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2001	8/24/2022 12:09	55.6	44.3	0.1	0.0	0.18	131.8	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open	
OXEW2001	8/24/2022 12:11	51.0	39.0	1.7	8.3	-0.07	132.4	Valve Adjustment:NSPS,No Change	
OXEW2001	9/2/2022 10:30	50.8	43.1	0.0	6.1	-0.91	131.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXEW2001	9/2/2022 10:31	50.4	43.9	0.0	5.7	-0.61	130.4	Valve Adjustment:Closed valve 1/2 turn or less,Valve 5% open	**9**
Comments: Pressure and temperature exceedances were detected at OXEW2001 on August 24, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further pressure exceedance was detected but the temperature exceedance remained. The well was re-monitored on September 2, 2022 and no further exceedance was detected.									
OXEW2010	9/2/2022 12:19	14.8	18.5	6.4	60.3	-45.75	85.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 25% open	
OXEW2010	9/2/2022 13:41	15.3	18.8	6.3	59.6	-40.37	85.3	Valve Adjustment:No Change,Valve at minimum position	
OXEW2010	9/7/2022 12:16	16.5	19.3	5.8	58.4	-36.60	89.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn	
OXEW2010	9/7/2022 12:18	16.3	19.2	6.0	58.5	-4.42	90.3	Valve Adjustment:NSPS	
OXEW2010	9/19/2022 12:33	56.9	43.1	0.0	0.0	2.62	74.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2010	9/19/2022 12:33	56.7	43.3	0.0	0.0	-0.88	75.6	Valve Adjustment:No Change	**17**
Comments: An oxygen exceedance was detected at OXEW2010 on September 2, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the date noted above but the well remained in exceedance. The well was re-monitored on September 19, 2022 and no further oxygen exceedance was detected but a additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2016	5/12/2022 10:15	55.0	43.4	0.2	1.4	-23.11	132.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 30% open	
OXEW2016	5/12/2022 10:17	55.6	42.8	0.1	1.5	-15.70	130.4	Valve Adjustment:No Change,Valve 30% open	**<1**
Comments: A temperature exceedance was detected at OXEW2016 on May 12, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2016	5/19/2022 11:40	57.9	41.6	0.1	0.4	-8.01	132.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 25% open	
OXEW2016	5/19/2022 11:42	58.3	39.3	0.2	2.2	-5.69	130.3	Valve Adjustment:No Change,Valve 25% open	**<1**
Comments: A temperature exceedance was detected at OXEW2016 on May 19, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2016	6/3/2022 11:18	57.9	39.5	0.2	2.4	-9.1	132.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 15% open	
OXEW2016	6/3/2022 11:20	58.1	39.6	0.2	2.1	-5.2	130.3	Valve Adjustment:No Change	**<1**
Comments: A temperature exceedance was detected at OXEW2016 on June 3, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2016	7/28/2022 13:00	57.8	42.2	0.0	0.0	-13.1	132.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 5% open	
OXEW2016	7/28/2022 13:01	58.8	40.9	0.0	0.3	-7.4	130.1	Valve Adjustment:No Change	**<1**
Comments: A temperature exceedance was detected at OXEW2016 on July 28, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2019	7/29/2022 9:53	60.9	37.7	0.0	1.4	3.19	89.5	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less	
OXEW2019	7/29/2022 9:54	60.7	38.3	0.0	1.0	3.18	89.4	Valve Adjustment:NSPS,Valve 100% open	
OXEW2019	8/5/2022 13:02	61.5	36.4	0.0	2.1	3.14	93.8	Valve Adjustment:NSPS,No Change,Valve 100% open	
OXEW2019	8/5/2022 13:05	61.5	37.1	0.0	1.4	3.20	93.9	Valve Adjustment:NSPS,No Change,Valve 100% open	
OXEW2019	9/12/2022 9:22	61.0	37.7	0.1	1.2	-7.82	91.1	Valve Adjustment:No Change,Valve 100% open	**45**
Comments: A pressure exceedance was detected at OXEW2019 on July 29, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the date noted above but the well remained in exceedance. The well was re-monitored on September 12, 2022 and no further exceedance was detected.									

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXEW2020	5/25/2022 10:15	54.7	45.3	0.0	0.0	0.6	124.8	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less	
OXEW2020	5/25/2022 10:17	55.1	44.9	0.0	0.0	-0.2	127.3	Valve Adjustment:No Change,Valve at minimum position	**<1**
Comments: A pressure exceedance was detected at OXEW2020 on May 25, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2020	6/9/2022 9:59	58.4	41.6	0.0	0.0	1.3	124.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn to 1 turn	
OXEW2020	6/9/2022 10:18	58.5	41.5	0.0	0.0	-0.1	127.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open	**<1**
Comments: A pressure exceedance was detected at OXEW2020 on June 9, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2020	7/8/2022 10:07	58.2	41.8	0.0	0.0	-8.1	134.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn	
OXEW2020	7/8/2022 10:09	59.2	40.1	0.0	0.7	-2.0	127.6	Valve Adjustment:Opened valve 1/2 turn or less	**<1**
Comments: A temperature exceedance was detected at OXEW2020 on July 8, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2020	7/18/2022 14:25	58.8	41.2	0.0	0.0	-7.4	134.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn	
OXEW2020	7/18/2022 14:27	59.3	40.7	0.0	0.0	-1.4	128.9	Valve Adjustment:No Change	**<1**
Comments: A temperature exceedance was detected at OXEW2020 on July 18, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2020	8/25/2022 11:49	59.4	39.5	0.0	1.1	-6.37	132.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn	
OXEW2020	8/25/2022 11:50	58.2	39.8	2.0	0.0	-3.08	129.6	Valve Adjustment:No Change	**<1**
Comments: A temperature exceedance was detected at OXEW2020 on August 25, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2020	9/14/2022 13:43	58.6	41.4	0.0	0.0	-8.78	134.5	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXEW2020	9/14/2022 13:44	57.8	41.8	0.4	0.0	-2.10	128.9	Valve Adjustment:No Change,Valve at minimum position	**<1**
Comments: A temperature exceedance was detected at OXEW2020 on September 14, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2021	5/9/2022 10:57	42.6	35.0	5.5	16.9	-3.1	101.7	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 25% open	
OXEW2021	5/9/2022 11:01	44.0	35.7	4.4	15.9	-2.0	98.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open	**<1**
Comments: An oxygen exceedance was detected at OXEW2021 on May 9, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2021	6/9/2022 10:57	41.2	31.5	5.2	22.1	-2.8	105.5	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 20% open	
OXEW2021	6/9/2022 10:59	41.5	31.1	4.9	22.5	-2.1	104.1	Valve Adjustment:No Change,Valve 20% open	**<1**
Comments: An oxygen exceedance was detected at OXEW2021 on June 9, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2021	7/8/2022 9:41	42.2	30.0	5.8	22.0	-1.1	88.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 15% open	
OXEW2021	7/11/2022 14:16	54.3	36.3	1.7	7.7	-0.2	95.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open	**3**
Comments: An oxygen exceedance was detected at OXEW2021 on July 8, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on July 11, 2022 and no further exceedance was detected.									
OXEW2021	7/18/2022 13:56	41.8	30.9	5.4	21.9	-1.0	94.7	Valve Adjustment:Closed valve 1/2 turn or less,Valve 10% open	
OXEW2021	7/22/2022 8:51	59.9	38.4	0.1	1.6	-0.1	73.3	Valve Adjustment:No Change	**4**
Comments: An oxygen exceedance was detected at OXEW2021 on July 18, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on July 22, 2022 and no further exceedance was detected.									
OXEW2025	9/13/2022 9:53	34.0	24.6	9.5	31.9	-31.46	61.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXEW2025	9/13/2022 10:01	38.0	27.1	8.3	26.6	-10.01	60.6	Valve Adjustment:NSPS,Closed valve 1/2 turn or less	
OXEW2025	9/13/2022 11:31	60.0	40.0	0.0	0.0	-34.12	65.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 35% open	**<1**
Comments: An oxygen exceedance was detected at OXEW2025 on September 13, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXEW2027	7/29/2022 10:09	58.4	38.5	0.0	3.1	5.18	67.2	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less	
OXEW2027	7/29/2022 10:10	60.4	38.8	0.0	0.8	4.75	67.3	Valve Adjustment:NSPS,Valve 100% open	
OXEW2027	8/5/2022 13:07	61.7	36.9	0.0	1.4	3.20	76.5	Valve Adjustment:NSPS,No Change,Valve 100% open	
OXEW2027	8/5/2022 13:07	61.9	37.3	0.0	0.8	3.32	76.6	Valve Adjustment:NSPS,No Change,Valve 100% open	
OXEW2027	8/30/2022 8:22	61.8	36.6	0.7	0.9	-44.66	71.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open	**32**
Comments: A pressure exceedance was detected at OXEW2027 on July 29, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the date noted above but the well remained in exceedance. The well was re-monitored on August 30, 2022 and no further exceedance was detected.									
OXEW2027	9/27/2022 8:42	59.7	37.9	0.4	2.0	42.55	59.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2027	9/27/2022 8:43	60.3	38.7	0.2	0.8	-42.57	71.1	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open	**<1**
Comments: A pressure exceedance was detected at OXEW2027 on September 27, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2028	5/12/2022 9:04	55.3	42.8	0.2	1.7	18.3	58.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2028	5/12/2022 9:05	55.1	43.3	0.2	1.4	-20.7	63.9	Valve Adjustment:No Change,Valve at minimum position	**<1**
Comments: A pressure exceedance was detected at OXEW2028 on May 12, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2104	8/8/2022 11:27	58.0	39.0	0.0	3.0	1.88	112.3	Valve Adjustment:NSPS/CAI,Opened valve >10% ,Valve 30% open	
OXEW2104	8/8/2022 11:28	58.0	39.7	0.0	2.3	-0.70	115.8	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 35% open	**<1**
Comments: A pressure exceedance was detected at OXEW2104 on August 8, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2104	8/10/2022 12:58	60.8	39.2	0.0	0.0	2.80	80.3	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 30% open	
OXEW2104	8/10/2022 13:02	59.7	40.3	0.0	0.0	-9.40	111.0	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 60% open	**<1**
Comments: A pressure exceedance was detected at OXEW2104 on August 10, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2107	8/24/2022 12:22	54.8	44.1	0.0	1.1	-24.88	131.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXEW2107	8/24/2022 12:23	54.8	44.1	0.9	0.2	-23.32	130.3	Valve Adjustment:No Change	**<1**
Comments: A temperature exceedance was detected at OXEW2107 on August 24, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2109	5/18/2022 13:18	52.7	47.3	0.0	0.0	5.1	83.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2109	5/23/2022 8:00	50.6	41.2	0.0	8.2	-9.8	73.3	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	**5**
Comments: A pressure exceedance was detected at OXEW2109 on May 18, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on May 23, 2022 and no further exceedance was detected.									
OXEW2109	7/6/2022 10:28	56.2	43.8	0.0	0.0	7.1	60.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2109	7/6/2022 10:29	56.1	43.9	0.0	0.0	-1.3	71.5	Valve Adjustment:No Change,Valve at minimum position	**<1**
Comments: A pressure exceedance was detected at OXEW2109 on July 6, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2109	9/19/2022 11:57	56.4	43.6	0.0	0.0	7.50	75.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2109	9/19/2022 11:58	56.1	43.9	0.0	0.0	-1.42	85.0	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXEW2109 on September 19, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXEW2207	8/22/2022 13:39	61.1	38.9	0.0	0.0	6.00	73.8	Valve Adjustment:No Change	
OXEW2207	8/22/2022 13:45	61.1	38.9	0.0	0.0	6.00	73.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open	
OXEW2207	8/22/2022 16:52	61.9	36.7	0.1	1.3	1.34	109.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open	
OXEW2207	8/23/2022 10:44	58.1	37.0	0.1	4.8	-2.57	113.6	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open	**1**
Comments: A pressure exceedance was detected at OXEW2207 on August 22, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on August 23, 2022 and no further exceedance was detected.									
OXEW2208	8/22/2022 15:20	59.6	37.8	0.1	2.5	0.94	119.3	Valve Adjustment:No Change	
OXEW2208	8/22/2022 15:24	59.7	39.5	0.0	0.8	0.94	119.2	Valve Adjustment:Opened valve 1/2 turn or less,Valve 15% open	
OXEW2208	8/22/2022 17:38	59.4	37.6	0.1	2.9	-0.45	124.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 25% open	**<1**
Comments: A pressure exceedance was detected at OXEW2208 on August 22, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2209	8/22/2022 13:53	59.7	39.7	0.0	0.6	28.66	84.5	Valve Adjustment:No Change	
OXEW2209	8/22/2022 13:56	59.6	39.7	0.0	0.7	28.67	84.7	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2209	8/22/2022 16:58	59.7	36.9	0.1	3.3	-15.75	103.3	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 25% open	**<1**
Comments: A pressure exceedance was detected at OXEW2209 on August 22, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXEW2212	8/22/2022 14:23	59.5	39.6	0.0	0.9	1.17	77.4	Valve Adjustment:No Change	
OXEW2212	8/22/2022 14:27	59.7	39.9	0.0	0.4	1.20	77.1	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2212	8/22/2022 17:10	59.8	40.1	0.0	0.1	0.48	109.2	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXEW2212	8/23/2022 11:09	58.9	38.6	0.0	2.5	-0.18	114.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open	**1**
Comments: A pressure exceedance was detected at OXEW2212 on August 22, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on August 23, 2022 and no further exceedance was detected.									
OXEW2213	8/22/2022 14:07	59.7	39.4	0.0	0.9	7.77	74.3	Valve Adjustment:No Change	
OXEW2213	8/22/2022 14:14	59.5	39.4	0.0	1.1	7.86	74.3	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 15% open	
OXEW2213	8/22/2022 17:05	58.3	39.8	0.0	1.9	1.36	109.7	Valve Adjustment:Opened valve 1/2 turn or less,Valve 20% open	
OXEW2213	8/23/2022 11:00	57.7	39.6	0.0	2.7	-1.93	110.2	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 30% open	**1**
Comments: A pressure exceedance was detected at OXEW2213 on August 22, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on August 23, 2022 and no further exceedance was detected.									
OXHC1922	9/14/2022 9:29	28.7	22.2	9.4	39.7	-1.09	95.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 30% open	
OXHC1922	9/14/2022 9:34	40.6	30.7	4.4	24.3	-0.08	92.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open	**<1**
Comments: An oxygen exceedance was detected at OXHC1922 on September 14, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXHC2000	5/25/2022 14:43	0.7	0.6	21.7	77.0	-1.6	81.3	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less	
OXHC2000	5/26/2022 13:45	56.1	41.0	0.3	2.6	-45.0	71.9	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less	**1**
Comments: An oxygen exceedance was detected at OXHC2000 on May 25, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on May 26, 2022 and no further exceedance was detected.									
OXHC2000	7/8/2022 9:51	37.7	31.7	7.8	22.8	-34.8	71.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 75% open	
OXHC2000	7/8/2022 9:53	0.4	3.4	21.3	74.9	-33.8	72.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 40% open	
OXHC2000	7/18/2022 17:08	59.2	36.6	0.0	4.2	-18.7	82.9	Valve Adjustment:Opened valve 1/2 turn or less,Valve 40% open	**10**
Comments: An oxygen exceedance was detected at OXHC2000 on July 8, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on July 18, 2022 and no further exceedance was detected.									
OXHC2000	9/7/2022 12:50	61.4	36.5	0.0	2.1	1.81	108.1	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 50% open	
OXHC2000	9/7/2022 12:52	62.3	37.7	0.0	0.0	-0.47	92.5	Valve Adjustment:Opened valve 1/2 turn or less,Valve 70% open	**<1**
Comments: A pressure exceedance was detected at OXHC2000 on September 7, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXHC2001	9/7/2022 12:56	61.5	37.3	0.0	1.2	5.68	105.5	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 40% open	
OXHC2001	9/7/2022 12:57	60.5	39.5	0.0	0.0	-0.46	103.4	Valve Adjustment:Opened valve 1/2 turn to 1 turn,Valve 75% open	**<1**
Comments: A pressure exceedance was detected at OXHC2001 on September 7, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXHC2101	8/29/2022 13:39	57.8	38.0	0.1	4.1	0.11	78.2	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less	
OXHC2101	8/29/2022 13:40	59.7	39.8	0.5	0.0	0.10	78.1	Valve Adjustment:No Change	
OXHC2101	9/8/2022 9:12	60.2	38.0	0.3	1.5	-1.20	91.4	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less	**10**
Comments: A pressure exceedance was detected at OXHC2101 on August 29, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on September 8, 2022 and no further exceedance was detected.									
OXHC2101	9/9/2022 8:04	24.5	24.5	7.7	43.3	-0.46	92.2	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 20% open	
OXHC2101	9/9/2022 8:09	21.4	23.7	7.4	47.5	-0.10	89.0	Valve Adjustment:No Change	
OXHC2101	9/14/2022 8:56	32.6	30.3	1.6	35.5	-0.09	95.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 20% open	**5**
Comments: An oxygen exceedance was detected at OXHC2101 on September 9, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on September 14, 2022 and no further exceedance was detected.									
OXHC2101	9/20/2022 11:37	25.2	26.9	4.8	43.1	0.02	87.1	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 5% open	
OXHC2101	9/20/2022 11:38	24.4	27.8	2.7	45.1	-0.01	97.7	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXHC2101 on September 20, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXLCR4A1	5/27/2022 11:36	0.5	4.2	20.4	74.9	-38.9	65.3	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 25% open	
OXLCR4A1	5/27/2022 11:37	45.0	30.5	2.0	22.5	-14.1	65.6	Valve Adjustment:Closed valve 1/2 turn or less,Valve 25% open	**<1**
Comments: An oxygen exceedance was detected at OXLCR4A1 on May 27, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXLCRS07	9/30/2022 10:10	0.2	0.4	21.8	77.6	-0.14	87.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXLCRS07	9/30/2022 10:12	51.6	35.7	2.7	10.0	-0.19	88.7	Valve Adjustment:No Change	**<1**
Comments: An oxygen exceedance was detected at OXLCRS07 on September 30, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXLCRS7B	9/20/2022 12:50	36.6	25.2	8.2	30.0	-11.98	83.0	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 60% open	
OXLCRS7B	9/20/2022 13:00	22.7	14.7	12.9	49.7	-2.81	83.3	Valve Adjustment:NSPS,Closed valve 1/2 turn or less,Valve 50% open	
OXLCRS7B	9/20/2022 13:29	38.6	26.8	7.9	26.7	-8.13	83.6	Valve Adjustment:Closed valve 1/2 turn to 1 turn,Valve 30% open	
OXLCRS7B	9/21/2022 9:55	45.5	31.0	5.5	18.0	-2.61	82.8	Valve Adjustment:Closed valve 1/2 turn or less,Valve 30% open	
OXLCRS7B	9/30/2022 9:58	60.0	36.8	0.1	3.1	-7.78	80.8	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open	**10**
Comments: An oxygen exceedance was detected at OXLCRS7B on September 20, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the dates noted above but the well remained in exceedance. The well was re-monitored on September 30, 2022 and no further exceedance was detected.									
OXLCRS9B	2/10/2022 12:52	34.2	34.3	6.4	25.1	0.1	70.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXLCRS9B	2/10/2022 12:58	35.8	34.4	5.8	24.0	-0.2	71.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXLCRS9B	2/18/2022 13:37	10.1	10.0	17.4	62.5	-0.1	67.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXLCRS9B	2/18/2022 13:45	8.8	8.8	17.6	64.8	-0.1	68.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXLCRS9B	3/14/2022 14:18	13.0	12.5	15.1	59.4	-0.1	67.1	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 15% open	
OXLCRS9B	3/14/2022 14:20	13.1	0.0	15.3	71.6	-0.3	66.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXLCRS9B	3/29/2022 11:42	12.5	11.9	16.3	59.3	-0.2	62.4	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 5% open	
OXLCRS9B	3/29/2022 11:46	10.8	9.4	16.6	63.2	-0.3	62.5	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXLCRS9B	4/13/2022 14:32	5.9	18.4	15.3	60.4	-0.3	65.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXLCRS9B	4/13/2022 14:35	5.9	18.1	15.4	60.6	-0.2	65.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXLCRS9B	4/27/2022 14:07	54.4	44.6	0.0	1.0	0.0	60.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 10% open	**76**
Comments: Oxygen and pressure exceedances were detected at LCRS9B on February 10, 2022. 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 re-monitored on the dates noted above but the well remained in exceedance. The well was re-monitored on April 27, 2022 and no further exceedance was detected.									
OXLCRS9B	5/12/2022 8:28	13.6	30.1	12.4	43.9	-0.3	67.2	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 20% open	
OXLCRS9B	5/12/2022 8:30	13.2	29.8	12.4	44.6	-1.4	67.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn	
OXLCRS9B	5/16/2022 12:19	17.9	32.5	9.2	40.4	-0.1	63.8	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less	
OXLCRS9B	5/16/2022 12:23	17.5	34.5	9.1	38.9	-0.1	61.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXLCRS9B	5/26/2022 12:20	56.0	43.0	0.0	1.0	0.4	60.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn to 1 turn	
OXLCRS9B	5/26/2022 12:27	8.4	73.6	0.4	17.6	0.01	68.4	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXLCRS9B	6/6/2022 12:25	20.4	64.6	0.4	14.6	-0.05	70.4	Valve Adjustment:No Change,Valve at minimum position	**25**
Comments: An oxygen exceedance was detected at OXLCRS9B on May 12, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the date noted above but the well remained in exceedance. The well was re-monitored on May 26, 2022 and no further oxygen exceedance was detected but a additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on June 6, 2022 and no further exceedances were detected.									
OXLCRS10	8/29/2022 13:44	59.6	39.1	1.3	0.0	0.34	88.1	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less	
OXLCRS10	8/29/2022 13:45	61.1	38.9	0.0	0.0	0.34	88.2	Valve Adjustment:NSPS,No Change	
OXLCRS10	9/8/2022 9:09	57.6	40.5	0.0	1.9	-1.24	89.2	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less	**10**
Comments: A pressure exceedance was detected at OXLCRS10 on August 29, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on September 8, 2022 and no further exceedance was detected.									
OXLCRS11	8/29/2022 13:48	60.1	39.9	0.0	0.0	0.19	82.3	Valve Adjustment:NSPS/CAI,Valve 100% open,Opened valve 1/2 turn or less	
OXLCRS11	8/29/2022 13:48	57.8	42.1	0.1	0.0	0.25	82.4	Valve Adjustment:NSPS,No Change	
OXLCRS11	9/8/2022 9:07	57.1	40.5	0.0	2.4	-0.49	85.6	Valve Adjustment:Valve 100% open,Opened valve 1/2 turn or less	**10**
Comments: A pressure exceedance was detected at OXLCRS11 on August 29, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on September 8, 2022 and no further exceedance was detected.									
OXME302D	5/23/2022 13:07	41.9	30.4	6.3	21.4	-14.5	119.8	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXME302D	5/23/2022 13:11	41.1	30.1	6.8	22.0	-14.1	119.1	Valve Adjustment:NSPS,Closed valve 1/2 turn to 1 turn	
OXME302D	6/3/2022 13:52	58.5	35.5	0.1	5.9	-13.0	119.1	Valve Adjustment:Opened valve 1/2 turn or less	**11**
Comments: An oxygen exceedance was detected at OXME302D on May 23, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on June 3, 2022 and no further exceedances were detected.									
OXMEW162	5/20/2022 12:39	49.0	28.7	5.6	16.7	-33.8	78.8	Valve Adjustment:Closed valve 1/2 turn or less	
OXMEW162	5/23/2022 10:05	49.2	28.8	4.7	17.3	-39.0	78.2	Valve Adjustment:Closed valve 1/2 turn or less	**3**
Comments: An oxygen exceedance was detected at OXMEW162 on May 20, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on May 23, 2022 and no further exceedance was detected.									

Well ID	Date and Time	CH_4	CO_2	O_2	BAL	Initial Static Pressure	Initial Temperature	Comments as Noted By Field Technician	Duration of Exceedance By End of Reporting Period
		%	%	%	%	in. wc.	Deg. F.		Days
OXMEW162	6/1/2022 13:30	46.3	24.8	6.6	22.3	-39.5	72.9	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXMEW162	6/1/2022 13:33	47.4	25.2	6.5	20.9	-39.34	72.7	Valve Adjustment:NSPS,Closed valve 1/2 turn or less	
OXMEW162	6/6/2022 12:38	50.3	29.7	4.3	15.7	-35.35	71.1	Valve Adjustment:Closed valve 1/2 turn or less	**44719**
Comments: An oxygen exceedance was detected at OXMEW162 on June 1, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on June 6, 2022 and no further exceedance was detected.									
OXMEW170	9/16/2022 12:41	63.9	32.8	0.0	3.3	1.49	68.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXMEW170	9/16/2022 12:44	65.4	33.5	0.0	1.1	-40.26	70.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 30% open	**<1**
Comments: A pressure exceedance was detected at OXMEW170 on September 16, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW174	5/11/2022 8:57	34.7	30.5	6.0	28.8	-0.2	68.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEW174	5/11/2022 8:58	34.1	30.1	6.3	29.5	-0.1	67.2	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEW174	5/16/2022 11:53	43.2	30.8	4.8	21.2	-0.1	59.0	Valve Adjustment:No Change,Valve at minimum position	**5**
Comments: An oxygen exceedance was detected at OXMEW174 on May 11, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on May 16, 2022 and no further exceedance was detected.									
OXMEW174	6/17/2022 9:35	56.4	42.7	0.0	0.9	0.1	58.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXMEW174	6/17/2022 9:37	56.6	43.0	0.0	0.4	-0.1	61.3	Valve Adjustment:No Change,Valve at minimum position	**<1**
Comments: A pressure exceedance was detected at OXMEW174 on June 17, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW175	9/28/2022 12:16	55.7	44.3	0.0	0.0	0.43	85.0	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXMEW175	9/28/2022 12:17	55.9	44.1	0.0	0.0	-0.79	85.5	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXMEW175 on September 28, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW185	5/9/2022 9:55	55.2	41.6	0.6	2.6	0.04	93.1	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less	
OXMEW185	5/9/2022 9:57	55.1	41.7	0.7	2.5	-0.1	97.8	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXMEW185 on May 9, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW185	6/24/2022 11:27	0.1	0.1	22.3	77.5	-2.6	80.5	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXMEW185	6/24/2022 11:31	0.1	0.0	22.3	77.6	1.0	80.4	Valve Adjustment:NSPS,Closed valve 1/2 turn or less	
OXMEW185	6/24/2022 12:26	40.2	30.9	5.4	23.5	-2.26	87.3	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less	
OXMEW185	6/24/2022 12:28	40.2	30.7	4.8	24.3	-0.22	88.2	Valve Adjustment:No Change	**<1**
Comments: Oxygen and pressure exceedances were detected at OXMEW185 on June 24, 2022. 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.									
OXMEW186	8/29/2022 12:25	0.0	0.0	21.4	78.6	-0.18	66.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEW186	8/29/2022 12:28	0.0	0.0	21.5	78.5	-0.14	66.8	Valve Adjustment:No Change	
OXMEW186	9/9/2022 9:22	56.0	44.0	0.0	0.0	0.01	90.8	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 10% open	
OXMEW186	9/9/2022 9:37	43.6	37.2	4.7	14.5	-0.03	91.2	Valve Adjustment:No Change	**11**
Comments: An oxygen exceedance was detected at OXMEW186 on August 29, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on September 9, 2022 and no further oxygen exceedance was detected but a additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW186	9/28/2022 13:40	0.1	0.2	21.4	78.3	-0.27	76.6	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEW186	9/28/2022 13:42	0.0	0.0	21.5	78.5	-0.27	78.8	Valve Adjustment:No Change	**2 (as of October 1, 2022)**
Comments: An oxygen exceedance was detected at OXMEW186 on September 28, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remains in exceedance.									

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXMEW192	8/29/2022 11:51	0.0	0.0	21.2	78.8	-1.87	72.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXMEW192	8/29/2022 11:52	0.0	0.0	21.1	78.9	-1.86	73.1	Valve Adjustment:No Change	
OXMEW192	9/2/2022 10:53	0.3	1.2	21.1	77.4	-1.47	75.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEW192	9/2/2022 10:54	0.5	0.9	21.1	77.5	-1.47	77.8	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEW192	9/16/2022 8:55	5.4	4.3	19.7	70.6	-1.43	58.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEW192	9/16/2022 8:56	5.1	4.2	19.4	71.3	-1.41	58.2	Valve Adjustment:NSPS	
OXMEW192	9/22/2022 9:10	57.5	37.5	0.3	4.7	0.21	72.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXMEW192	9/22/2022 9:13	57.8	37.8	0.2	4.2	-1.41	71.3	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open	**24**
Comments: An oxygen exceedance was detected at OXMEW192 on August 29, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and on the dates noted above but the well remained in exceedance. The well was re-monitored on September 22, 2022 and no further oxygen exceedance was detected but a additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW200	5/24/2022 14:50	55.4	42.1	0.0	2.5	0.1	115.1	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn	
OXMEW200	5/24/2022 14:52	56.3	41.1	0.0	2.6	0.0	116.5	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXMEW200 on May 24, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW205	6/24/2022 9:35	55.2	44.8	0.0	0.0	0.1	107.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 5% open	
OXMEW205	6/24/2022 9:37	55.5	44.5	0.0	0.0	-0.1	125.9	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXMEW205 on June 24, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW205	8/26/2022 13:04	54.3	45.6	0.1	0.0	0.18	108.2	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open	
OXMEW205	8/26/2022 13:06	55.1	44.9	0.0	0.0	-0.14	124.6	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXMEW205 on August 26, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW205	9/8/2022 10:12	54.3	43.4	0.0	2.3	0.19	115.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open	
OXMEW205	9/8/2022 10:13	54.1	44.5	0.0	1.4	-0.08	127.9	Valve Adjustment:No Change	**<1**
Comments: A pressure exceedance was detected at OXMEW205 on September 8, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW205	9/27/2022 13:31	53.8	45.8	0.4	0.0	0.18	120.1	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn or less,Valve 20% open	
OXMEW205	9/27/2022 13:36	52.9	46.8	0.3	0.0	-0.09	130.1		**<1**
Comments: A pressure exceedance was detected at OXMEW205 on September 27, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEW209	5/9/2022 11:30	19.9	12.7	13.4	54.0	4.7	73.0	Valve Adjustment:NSPS/CAI,Opened valve 1/2 turn to 1 turn,Valve 35% open	
OXMEW209	5/9/2022 11:34	14.1	10.3	13.4	62.2	-1.7	102.7	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 30% open	
OXMEW209	5/16/2022 12:39	55.8	40.6	0.1	3.5	-9.6	133.4	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 30% open	**7**
Comments: Oxygen and pressure exceedances were detected at OXMEW209 on May 9, 2022. 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 re-monitored on May 16, 2022 and no further exceedance was detected. Well OXMEW209 operates at up to 140 degrees F Temperature HOV per Title V Permit Condition Number 10164 part 18(b)(viii).									

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXMEWW1I	4/13/2022 15:32	20.0	13.1	14.6	52.3	-6.3	58.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEWW1I	4/13/2022 15:34	18.4	12.5	15.8	53.3	-0.9	59.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEWW1I	4/25/2022 12:57	59.9	38.8	0.8	0.5	-0.2	68.4	Valve Adjustment:Opened valve 1/2 turn or less,Valve 5% open	**12**
Comments: An oxygen exceedance was detected at OXMEWW1I on April 13, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on April 25, 2022 and no further exceedance was detected.									
OXMEWW1I	5/11/2022 10:24	21.7	15.5	13.2	49.6	-0.7	61.7	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEWW1I	5/16/2022 12:03	59.6	37.6	0.1	2.7	0.1	60.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXMEWW1I	5/16/2022 12:06	48.4	31.8	4.8	15.0	-0.5	60.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	**5**
Comments: An oxygen exceedance was detected at OXMEWW1I on May 11, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on May 16, 2022 and no further oxygen exceedance was detected but a additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXMEWW1I	5/18/2022 12:23	41.3	33.3	6.9	18.5	-5.4	75.5	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEWW1I	5/18/2022 12:27	34.7	27.1	10.2	28.0	-0.4	78.6	Valve Adjustment:NSPS,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEWW1I	6/1/2022 11:49	60.4	39.6	0.0	0.0	0.4	69.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Opened valve 1/2 turn or less	
OXMEWW1I	6/1/2022 11:51	61.2	38.8	0.0	0.0	-0.3	69.9	Valve Adjustment:No Change,Valve at minimum position	**14**
Comments: An oxygen exceedance was detected at OXMEWW1I on May 18, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on June 1, 2022 and no further oxygen exceedance was detected but a additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day no further exceedances were detected.									
OXMEWW08	4/27/2022 12:13	31.8	25.3	8.1	34.8	-2.6	84.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn to 1 turn,Valve 15% open	
OXMEWW08	4/27/2022 12:18	30.6	25.2	8.2	36.0	-2.4	83.5	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less,Valve 15% open	
OXMEWW08	5/9/2022 12:05	51.6	37.9	2.4	8.1	-0.6	81.1	Valve Adjustment:No Change,Valve 15% open	**12**
Comments: An oxygen exceedance was detected at OXMEWW08 on April 27, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on May 9, 2022 and no further exceedance was detected.									
OXMEWW08	9/16/2022 8:33	0.9	1.0	21.3	76.8	-3.99	59.1	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn to 1 turn	
OXMEWW08	9/16/2022 8:36	18.4	14.3	14.7	52.6	-2.63	58.8	Valve Adjustment:NSPS,Valve at minimum position	
OXMEWW08	9/21/2022 12:28	51.9	37.8	2.0	8.3	-0.89	69.9	Valve Adjustment:Valve at minimum position,Closed valve 1/2 turn or less	**5**
Comments: An oxygen exceedance was detected at OXMEWW08 on September 16, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day but the well remained in exceedance. The well was re-monitored on September 21, 2022 and no further exceedance was detected.									
OXMEWW18	8/12/2022 13:24	25.9	19.2	11.6	43.3	-37.33	81.1	Valve Adjustment:NSPS/CAI,Closed valve 1/2 turn or less	
OXMEWW18	8/12/2022 13:25	25.8	18.9	11.8	43.5	-37.44	81.4	Valve Adjustment:NSPS	
OXMEWW18	8/26/2022 12:36	23.8	17.5	12.5	46.2	-40.80	76.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve >1 turn	
OXMEWW18	8/26/2022 12:38	23.3	17.1	12.8	46.8	-41.06	76.4	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn to 1 turn	
OXMEWW18	9/2/2022 13:18	26.4	21.1	11.7	40.8	-13.44	82.9	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	

Well ID	Date and Time	CH_4	CO_2	O_2	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
OXMEWW18	9/2/2022 13:19	26.0	20.1	11.4	42.5	-9.68	83.3	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEWW18	9/13/2022 8:38	31.2	25.5	10.3	33.0	-3.85	71.1	Valve Adjustment:NSPS/CAI,Valve at minimum position,Closed valve 1/2 turn or less	
OXMEWW18	9/13/2022 8:45	51.7	39.7	2.3	6.3	0.04	67.7	Valve Adjustment:NSPS	
OXMEWW18	9/14/2022 10:24	43.5	33.5	4.5	18.5	-0.63	76.6	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	**33**
Comments: A pressure exceedance was detected at OXMEWW18 on August 12, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and the dates noted above but the well remains in exceedance. The well was re-monitored on September 13, 2022 and no further oxygen exceedance was detected but a additional pressure exceedance was detected. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on September 14, 2022 and no further exceedance was detected.									
OXSS2033	9/8/2022 9:32	53.6	44.3	0.1	2.0	0.31	99.4	Valve Adjustment:No Change,Valve at minimum position	
OXSS2033	9/8/2022 9:34	53.5	44.3	0.4	1.8	0.54	98.0	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	
OXSS2033	9/8/2022 11:21	55.3	43.5	0.2	1.0	-1.51	119.5	Valve Adjustment:Valve at minimum position,Opened valve 1/2 turn or less	**<1**
Comments: A pressure exceedance was detected at OXSS2033 on September 8, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									
OXSS2034	6/30/2022 10:19	58.0	42.0	0.0	0.0	2.8	56.7	No Change,Valve at minimum position	
OXSS2034	6/30/2022 10:26	58.1	41.4	0.0	0.5	4.09	57.0	Opened valve 1/2 turn or less	
OXSS2034	6/30/2022 11:54	57.5	42.4	0.1	0.0	-0.92	60.8	No Change,Valve at minimum position	**<1**
Comments: A pressure exceedance was detected at OXSS2034 on June 30, 2022. TT O&M personnel initiated corrective action and the well was adjusted and re-monitored on the same day and no further exceedance was detected.									

Comments in **bold** added by Tetra Tech

NA = Not Applicable CH_4 = Methane CO_2 = Carbon Dioxide O_2 = Oxygen BAL = Balance Gas, usually nitrogen in. wc. = inches of water column Deg. F. = degrees in Fahrenheit scfm = standard cubic feet per minute

% = percent

PRESSURE EXCEEDANCE

Corrective Action Analysis and Implementation Schedule

Date of Initial Exceedance:	7/28/2022
Collection Device ID:	OXEW1909
Pressure Reading:	3.28

Root Cause Analysis		
Was the reason for the positive pressure due to one of the following:		
A fire or increased well temperature.	☐ Yes	☒ No
Use of a geomembrane or synthetic cover.	☐ Yes	☒ No
A decommissioned well.	☐ Yes	☒ No
• If YES to **ANY** of the above, exempt as per 40 CFR §60.763(b). • If NO to **ALL** of the above, continue the form.		
Describe what was inspected.		
Vacuum source at wellhead (lateral is buried/inaccessible)		
Describe what was determined to be the root cause of the exceedance.		
Lack of vacuum on lateral riser, may be damaged or flooded		
Determine the required next steps.		
Was the positive pressure remediated within 60 days since the initial exceedance?	☐ Yes	☐ No
• If YES, keep records of Root Cause Analysis. No reporting required. • If NO, continue with Corrective Action Analysis and Implementation Plan.		

PRESSURE EXCEEDANCE

Corrective Action Analysis and Implementation Schedule

Date of Initial Exceedance:	7/29/2022
Collection Device ID:	OXEW2019
Pressure Reading:	3.19

Root Cause Analysis		
Was the reason for the positive pressure due to one of the following:		
A fire or increased well temperature.	☐ Yes	☒ No
Use of a geomembrane or synthetic cover.	☐ Yes	☒ No
A decommissioned well.	☐ Yes	☒ No
• If YES to **ANY** of the above, exempt as per 40 CFR §60.763(b). • If NO to **ALL** of the above, continue the form.		
Describe what was inspected.		
Vacuum source at wellhead (lateral is buried/inaccessible)		
Describe what was determined to be the root cause of the exceedance.		
Lack of vacuum on lateral riser, may be damaged or flooded		
Determine the required next steps.		
Was the positive pressure remediated within 60 days since the initial exceedance?	☐ Yes	☐ No
• If YES, keep records of Root Cause Analysis. No reporting required. • If NO, continue with Corrective Action Analysis and Implementation Plan.		

PRESSURE EXCEEDANCE

Corrective Action Analysis and Implementation Schedule

Date of Initial Exceedance:	7/29/2022
Collection Device ID:	OXEW2027
Pressure Reading:	5.18

Root Cause Analysis		
Was the reason for the positive pressure due to one of the following:		
A fire or increased well temperature.	☐ Yes	☒ No
Use of a geomembrane or synthetic cover.	☐ Yes	☒ No
A decommissioned well.	☐ Yes	☒ No
• If YES to **ANY** of the above, exempt as per 40 CFR §60.763(b). • If NO to **ALL** of the above, continue the form.		
Describe what was inspected.		
Vacuum source at wellhead (lateral is buried/inaccessible)		
Describe what was determined to be the root cause of the exceedance.		
Lack of vacuum on lateral riser, may be damaged or flooded		
Determine the required next steps.		
Was the positive pressure remediated within 60 days since the initial exceedance?	☐ Yes	☐ No
• If YES, keep records of Root Cause Analysis. No reporting required. • If NO, continue with Corrective Action Analysis and Implementation Plan.		

APPENDIX L

MONTHLY LANDFILL GAS FLOW RATES

Ox Mountain Landfill, Half Moon Bay, California

Yearly LFG for Ameresco Plant and A-7, A-8, and A-9 Flares

Month	A-7 Flare Total Flow Corrected to 50% CH_4 (scf)	A-8 Flare Total Flow Corrected to 50% CH_4 (scf)	A-9 Flare Total Flow Corrected to 50% CH_4 (scf)	Ameresco Total Flow Corrected to 50% CH_4 (scf)[3]	Consecutive 12-Month Corrected Total for A-7 Flare (scf)	Consecutive 12-Month Corrected Total for A-8 Flare (scf)	Consecutive 12-Month Corrected Total for A-9 Flare (scf)	Consecutive 12-Month Corrected Total for Ameresco (scf)[3]	Combined A-7, A-8 and A-9 Flares Corrected 12-Month Throughput[1] (scf)	Landfill Gas Generation Rate[2] (scfm)
October-21	66,132,498.6	0.0	40,403.0	154,681,762.2	713,204,137.2	0.0	59,267,221.9	1,682,892,199.9	772,471,359.1	4,671.5
November-21	69,804,453.9	0.0	13,147,493.1	140,723,789.4	731,549,738.2	0.0	51,092,856.8	1,691,521,776.1	782,642,595.0	4,707.3
December-21	62,227,480.5	0.0	1,314,208.7	165,368,048.4	750,194,591.6	0.0	45,770,292.8	1,789,959,886.1	795,964,884.4	4,919.9
January-22	66,329,832.2	0.0	274,878.0	161,816,986.1	749,520,011.8	0.0	46,045,170.9	1,788,495,840.3	795,565,182.7	4,916.4
February-22	62,219,331.1	0.0	207,365.6	149,362,977.5	748,506,741.0	0.0	39,111,381.3	1,888,312,986.6	787,618,122.3	5,091.2
March-22	60,625,076.1	0.0	2,510,399.1	162,933,450.2	741,462,591.2	0.0	41,090,108.7	1,880,143,862.7	782,552,699.9	5,066.0
April-22	74,358,404.9	0.0	15,498,738.8	121,823,604.5	751,350,357.1	0.0	47,907,269.3	1,849,008,789.3	799,257,626.3	5,038.6
May-22	69,781,529.4	0.0	1,370,679.9	152,015,294.7	780,732,215.5	0.0	43,111,820.5	1,836,810,940.2	823,844,036.0	5,062.1
June-22	56,206,963.4	0.0	4,843,776.6	149,175,953.7	783,326,101.9	0.0	47,156,357.1	1,827,011,530.1	830,482,459.1	5,056.1
July-22	39,013,804.5	0.0	1,321,702.5	164,507,403.0	758,502,420.4	0.0	48,280,199.3	1,835,905,657.6	806,782,619.6	5,027.9
August-22	22,021,575.8	0.0	1,958,622.4	168,478,979.1	717,516,221.0	0.0	42,557,354.6	1,845,542,686.1	760,073,575.5	4,957.4
September-22	53,212,279.1	0.0	729,783.0	158,504,923.6	701,933,229.5	0.0	43,218,050.8	1,849,393,172.4	745,151,280.3	4,936.3

Notes:

[1]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_4) during any consecutive 12-month period.

[2]Pursuant to Title V Permit Condition Number 10164 Part 22, the annual average landfill gas generation rate shall not exceed 6,600 scfm.

[3]Ameresco flow data derived from files received by Republic from Ameresco. Flow values reported here to confirm compliance with Title V Permit Condition Number 10164 Part 22, which states the annual average landfill gas generation rate shall not exceed 6,600 scfm.
scf= standard cubic feet
CH_4 = methane
LFG= landfill gas
%= percent

Ox Mountain Landfill, Half Moon Bay, California

Monthly LFG Input to Flare (A-7)

Month	Total Available Runtime (hours)	Total Downtime (hours)	Total Runtime (hours)	Average Flow (scfm)[1]	Average CH_4 (%)[2]	Total Flow LFG Volume (scf)[3]	Total Flow LFG Volume Corrected to 50% CH_4	Total CH_4 Volume (scf)	Total Heat Input (MMBTU)
April-22	720.00	0.27	719.73	1,774.5	47.9	76,622,287.0	74,358,404.9	36,702,075.5	37,179.2
May-22	744.00	0.93	743.07	1,612.9	47.9	71,906,066.0	69,781,529.4	34,443,005.6	34,890.8
June-22	720.00	85.73	634.27	1,504.5	47.9	57,918,215.0	56,206,963.4	27,742,825.0	28,103.5
July-22	744.00	290.77	453.23	1,446.3	47.9	40,201,601.0	39,013,804.5	19,256,566.9	19,506.9
August-22	744.00	486.47	257.53	1,465.1	47.1	23,077,462.0	22,021,575.8	10,869,484.6	11,010.8
September-22	720.00	107.20	612.80	1,510.6	47.1	55,763,691.0	53,212,279.1	26,264,698.5	26,606.1
APRIL 1, 2022 THROUGH SEPTEMBER 30, 2022 TOTALS/AVERAGE:	**4,392.00**	**971.37**	**3,420.63**	**1,552.3**	**47.6**	**325,489,322.0**	**314,594,557.1**	**155,278,656.0**	**157,297.3**

NOTES:

[1]The calculated average flow only includes months in which the flare was operational.

[2]CH4 content of 47.9 percent was determined from the August 6, 2021 Source Test and the CH4 content of 47.1 percent was determined from the July 21, 2022 Source Test.

[3]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_4= methane %= percent

Ox Mountain Landfill, Half Moon Bay, California

Monthly LFG Input to Flare (A-8)

Month	Total Available Runtime (hours)[4]	Total Downtime (hours)	Total Runtime (hours)	Average Flow (scfm)[1]	Average CH_4 (%)[2]	Total Flow LFG Volume (scf)[3]	Total Flow LFG Volume Corrected to 50% CH_4	Total CH_4 Volume (scf)	Total Heat Input (MMBTU)
April-22	720.00	720.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
May-22	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
June-22	720.00	720.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
July-22	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
August-22	744.00	744.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
September-22	720.00	720.00	0.00	0.0	44.1	0.0	0.0	0.0	0.0
APRIL 1, 2022 THROUGH SEPTEMBER 30, 2022 TOTALS/AVERAGE:	**4,368.00**	**4,368.00**	**0.00**	**0.0**	**44.1**	**0.0**	**0.0**	**0.0**	**0.0**

NOTES:

[1]The calculated average flow only includes months in which the flare was operational.

[2]CH_4 content is determined from the average of the weekly methane concentrations taken from the A-8 Flare inlet. The methane concentration of 44.1 percent (determined from the September 13, 2016 Source Test) will be used in lieu of monthly averages when weekly methane concentrations are negligible due to monitoring conducted while devices are offline.

[3]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_4= 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)[1]	Average CH_4 (%)[2]	Total Flow LFG Volume (scf)[3]	Total Flow LFG Volume Corrected to 50% CH_4	Total CH_4 Volume (scf)	Total Heat Input (MMBTU)
April-22	720.00	559.40	160.60	1,485.6	52.6	14,543,575.0	15,498,738.8	7,649,920.5	7,749.4
May-22	744.00	730.43	13.57	1,465.6	52.6	1,286,207.0	1,370,679.9	676,544.9	685.3
June-22	720.00	663.50	56.50	1,290.9	52.6	4,545,262.0	4,843,776.6	2,390,807.8	2,421.9
July-22	744.00	731.00	13.00	1,586.3	52.6	1,240,248.0	1,321,702.5	652,370.4	660.9
August-22	744.00	725.73	18.27	1,626.7	51.6	1,873,534.0	1,958,622.4	966,743.5	979.3
September-22	720.00	712.50	7.50	1,931.6	51.6	698,079.0	729,783.0	360,208.8	364.9
APRIL 1, 2022 THROUGH SEPTEMBER 30, 2022 TOTALS/AVERAGE:	**4,392.00**	**4,122.57**	**269.43**	**1,564.5**	**52.3**	**24,186,905.0**	**25,723,303.3**	**12,696,595.9**	**12,861.7**

NOTES:

[1]The calculated average flow only includes months in which the flare was operational.

[2]CH_4 content of 52.6 percent determined from the August 6, 2021 Source Test and the CH_4 content of 51.6 percent was determined from the July 22, 2022 Source Test.

[3]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_4= methane %= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-7 Flare Heat Input Rate

MONTH: April-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
4/1/2022	24.00	47.9	1,471.6	2,119,142.0	2,056,529.8	1,015,069.0	1,013.0	1,028.3
4/2/2022	24.00	47.9	1,487.2	2,141,609.0	2,078,333.0	1,025,830.7	1,013.0	1,039.2
4/3/2022	24.00	47.9	1,551.2	2,233,687.0	2,167,690.5	1,069,936.1	1,013.0	1,083.8
4/4/2022	24.00	47.9	1,969.5	2,836,132.0	2,752,335.6	1,358,507.2	1,013.0	1,376.2
4/5/2022	24.00	47.9	2,234.7	3,218,026.0	3,122,946.2	1,541,434.5	1,013.0	1,561.5
4/6/2022	23.73	47.9	2,312.7	3,293,247.0	3,195,944.7	1,577,465.3	1,013.0	1,598.0
4/7/2022	24.00	47.9	2,397.6	3,452,493.0	3,350,485.6	1,653,744.1	1,013.0	**1,675.2**
4/8/2022	24.00	47.9	2,326.6	3,350,369.0	3,251,379.0	1,604,826.8	1,013.0	1,625.7
4/9/2022	24.00	47.9	2,242.5	3,229,139.0	3,133,730.9	1,546,757.6	1,013.0	1,566.9
4/10/2022	24.00	47.9	2,145.2	3,089,074.0	2,997,804.2	1,479,666.4	1,013.0	1,498.9
4/11/2022	24.00	47.9	1,805.2	2,599,440.0	2,522,636.9	1,245,131.8	1,013.0	1,261.3
4/12/2022	24.00	47.9	1,550.1	2,232,170.0	2,166,218.3	1,069,209.4	1,013.0	1,083.1
4/13/2022	24.00	47.9	1,521.7	2,191,193.0	2,126,452.0	1,049,581.4	1,013.0	1,063.2
4/14/2022	24.00	47.9	1,634.7	2,353,910.0	2,284,361.4	1,127,522.9	1,013.0	1,142.2
4/15/2022	24.00	47.9	1,563.7	2,251,656.0	2,185,128.6	1,078,543.2	1,013.0	1,092.6
4/16/2022	24.00	47.9	1,521.3	2,190,658.0	2,125,932.8	1,049,325.2	1,013.0	1,063.0
4/17/2022	24.00	47.9	1,547.8	2,228,769.0	2,162,917.8	1,067,580.4	1,013.0	1,081.5
4/18/2022	24.00	47.9	1,523.7	2,194,150.0	2,129,321.6	1,050,997.9	1,013.0	1,064.7
4/19/2022	24.00	47.9	1,588.8	2,287,872.0	2,220,274.5	1,095,890.7	1,013.0	1,110.1
4/20/2022	24.00	47.9	1,548.2	2,229,456.0	2,163,584.5	1,067,909.4	1,013.0	1,081.8
4/21/2022	24.00	47.9	1,654.3	2,382,249.0	2,311,863.1	1,141,097.3	1,013.0	1,155.9
4/22/2022	24.00	47.9	1,652.7	2,379,944.0	2,309,626.2	1,139,993.2	1,013.0	1,154.8
4/23/2022	24.00	47.9	1,541.0	2,218,977.0	2,153,415.1	1,062,890.0	1,013.0	1,076.7
4/24/2022	24.00	47.9	1,567.3	2,256,982.0	2,190,297.2	1,081,094.4	1,013.0	1,095.1
4/25/2022	24.00	47.9	1,676.4	2,414,056.0	2,342,730.3	1,156,332.8	1,013.0	1,171.4
4/26/2022	24.00	47.9	1,793.2	2,582,226.0	2,505,931.6	1,236,886.3	1,013.0	1,253.0
4/27/2022	24.00	47.9	1,832.2	2,638,330.0	2,560,377.9	1,263,760.1	1,013.0	1,280.2
4/28/2022	24.00	47.9	1,880.8	2,708,380.0	2,628,358.2	1,297,314.0	1,013.0	1,314.2
4/29/2022	24.00	47.9	1,853.9	2,669,549.0	2,590,674.5	1,278,714.0	1,013.0	1,295.3
4/30/2022	24.00	47.9	1,839.9	2,649,402.0	2,571,122.8	1,269,063.6	1,013.0	1,285.6
Totals/ Average:	**719.73**	**47.9**	**1,774.5**	**76,622,287.0**	**74,358,404.9**	**36,702,075.5**	**1,013.0**	**37,179.2**
							Maximum:	**1,675.2**

Notes:
[1]CH_4 content of 47.9 percent determined from the August 6, 2021 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_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-7 Flare Heat Input Rate

MONTH: May-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
5/1/2022	24.00	47.9	1,826.4	2,630,064.0	2,552,356.1	1,259,800.7	1,013.0	1,276.2
5/2/2022	24.00	47.9	1,787.0	2,573,303.0	2,497,272.2	1,232,612.1	1,013.0	1,248.6
5/3/2022	24.00	47.9	1,762.3	2,537,649.0	2,462,671.6	1,215,533.9	1,013.0	1,231.3
5/4/2022	24.00	47.9	1,602.4	2,307,449.0	2,239,273.1	1,105,268.1	1,013.0	1,119.6
5/5/2022	24.00	47.9	1,566.1	2,255,209.0	2,188,576.6	1,080,245.1	1,013.0	1,094.3
5/6/2022	23.17	47.9	1,667.9	2,318,439.0	2,249,938.4	1,110,532.3	1,013.0	1,125.0
5/7/2022	24.00	47.9	1,845.0	2,656,809.0	2,578,310.9	1,272,611.5	1,013.0	1,289.2
5/8/2022	24.00	47.9	1,820.5	2,621,539.0	2,544,083.0	1,255,717.2	1,013.0	1,272.0
5/9/2022	23.90	47.9	1,683.8	2,414,602.0	2,343,260.2	1,156,594.4	1,013.0	1,171.6
5/10/2022	24.00	47.9	1,548.5	2,229,800.0	2,163,918.3	1,068,074.2	1,013.0	1,082.0
5/11/2022	24.00	47.9	1,475.4	2,124,562.0	2,061,789.7	1,017,665.2	1,013.0	1,030.9
5/12/2022	24.00	47.9	1,575.6	2,268,838.0	2,201,802.9	1,086,773.4	1,013.0	1,100.9
5/13/2022	24.00	47.9	1,683.6	2,424,364.0	2,352,733.7	1,161,270.4	1,013.0	1,176.4
5/14/2022	24.00	47.9	1,925.7	2,773,075.0	2,691,141.7	1,328,302.9	1,013.0	**1,345.6**
5/15/2022	24.00	47.9	1,514.8	2,181,340.0	2,116,890.1	1,044,861.9	1,013.0	1,058.4
5/16/2022	24.00	47.9	1,449.7	2,087,503.0	2,025,825.6	999,913.9	1,013.0	1,012.9
5/17/2022	24.00	47.9	1,566.0	2,255,067.0	2,188,438.8	1,080,177.1	1,013.0	1,094.2
5/18/2022	24.00	47.9	1,566.5	2,255,750.0	2,189,101.6	1,080,504.3	1,013.0	1,094.6
5/19/2022	24.00	47.9	1,783.5	2,568,220.0	2,492,339.4	1,230,177.4	1,013.0	1,246.2
5/20/2022	24.00	47.9	1,634.7	2,354,010.0	2,284,458.4	1,127,570.8	1,013.0	1,142.2
5/21/2022	24.00	47.9	1,501.9	2,162,751.0	2,098,850.4	1,035,957.7	1,013.0	1,049.4
5/22/2022	24.00	47.9	1,511.2	2,176,116.0	2,111,820.5	1,042,359.6	1,013.0	1,055.9
5/23/2022	24.00	47.9	1,454.0	2,093,733.0	2,031,871.6	1,002,898.1	1,013.0	1,015.9
5/24/2022	24.00	47.9	1,587.1	2,285,392.0	2,217,867.8	1,094,702.8	1,013.0	1,108.9
5/25/2022	24.00	47.9	1,466.9	2,112,303.0	2,049,892.9	1,011,793.1	1,013.0	1,024.9
5/26/2022	24.00	47.9	1,611.2	2,320,158.0	2,251,606.6	1,111,355.7	1,013.0	1,125.8
5/27/2022	24.00	47.9	1,670.1	2,404,979.0	2,333,921.5	1,151,984.9	1,013.0	1,167.0
5/28/2022	24.00	47.9	1,653.2	2,380,609.0	2,310,271.5	1,140,311.7	1,013.0	1,155.1
5/29/2022	24.00	47.9	1,393.9	2,007,263.0	1,947,956.4	961,479.0	1,013.0	974.0
5/30/2022	24.00	47.9	1,355.6	1,952,109.0	1,894,432.0	935,060.2	1,013.0	947.2
5/31/2022	24.00	47.9	1,509.1	2,173,061.0	2,108,855.7	1,040,896.2	1,013.0	1,054.4
Totals/ Average:	**743.07**	**47.9**	**1,612.9**	**71,906,066.0**	**69,781,529.4**	**34,443,005.6**	**1,013.0**	**34,890.8**
							Maximum:	**1,345.6**

Notes:
[1]CH_4 content of 47.9 percent determined from the August 6, 2021 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_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-7 Flare Heat Input Rate

MONTH: June-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
6/1/2022	24.00	47.9	1,451.8	2,090,652.0	2,028,881.6	1,001,422.3	1,013.0	1,014.4
6/2/2022	24.00	47.9	1,358.8	1,956,684.0	1,898,871.8	937,251.6	1,013.0	949.4
6/3/2022	23.67	47.9	1,390.9	1,975,078.0	1,916,722.3	946,062.4	1,013.0	958.4
6/4/2022	24.00	47.9	1,339.3	1,928,583.0	1,871,601.1	923,791.3	1,013.0	935.8
6/5/2022	24.00	47.9	1,394.5	2,008,071.0	1,948,740.5	961,866.0	1,013.0	974.4
6/6/2022	24.00	47.9	1,361.4	1,960,379.0	1,902,457.6	939,021.5	1,013.0	951.2
6/7/2022	24.00	47.9	1,361.6	1,960,694.0	1,902,763.3	939,172.4	1,013.0	951.4
6/8/2022	24.00	47.9	1,330.7	1,916,254.0	1,859,636.4	917,885.7	1,013.0	929.8
6/9/2022	22.77	47.9	1,475.4	2,015,431.0	1,955,883.1	965,391.4	1,013.0	977.9
6/10/2022	23.83	47.9	2,111.2	3,018,994.0	2,929,794.8	1,446,098.1	1,013.0	1,464.9
6/11/2022	24.00	47.9	2,316.2	3,335,297.0	3,236,752.3	1,597,607.3	1,013.0	**1,618.4**
6/12/2022	24.00	47.9	2,107.0	3,034,137.0	2,944,490.4	1,453,351.6	1,013.0	1,472.2
6/13/2022	23.63	47.9	1,786.4	2,533,062.0	2,458,220.2	1,213,336.7	1,013.0	1,229.1
6/14/2022	24.00	47.9	1,453.3	2,092,730.0	2,030,898.2	1,002,417.7	1,013.0	1,015.4
6/15/2022	24.00	47.9	1,430.7	2,060,256.0	1,999,383.7	986,862.6	1,013.0	999.7
6/16/2022	24.00	47.9	1,441.9	2,076,269.0	2,014,923.6	994,532.9	1,013.0	1,007.5
6/17/2022	24.00	47.9	1,313.4	1,891,231.0	1,835,352.7	905,899.6	1,013.0	917.7
6/18/2022	24.00	47.9	1,323.0	1,905,088.0	1,848,800.3	912,537.2	1,013.0	924.4
6/19/2022	24.00	47.9	1,322.1	1,903,826.0	1,847,575.6	911,932.7	1,013.0	923.8
6/20/2022	24.00	47.9	1,437.9	2,070,522.0	2,009,346.4	991,780.0	1,013.0	1,004.7
6/21/2022	24.00	47.9	1,802.5	2,595,633.0	2,518,942.4	1,243,308.2	1,013.0	1,259.5
6/22/2022	24.00	47.9	1,745.6	2,513,614.0	2,439,346.8	1,204,021.1	1,013.0	1,219.7
6/23/2022	22.70	47.9	1,480.5	2,016,396.0	1,956,819.6	965,853.7	1,013.0	978.4
6/24/2022	7.60	47.9	1,294.7	590,392.0	572,948.3	282,797.8	1,013.0	286.5
6/25/2022	9.87	47.9	1,448.7	857,618.0	832,278.8	410,799.0	1,013.0	416.1
6/26/2022	6.90	47.9	1,334.6	552,534.0	536,208.8	264,663.8	1,013.0	268.1
6/27/2022	12.03	47.9	1,382.9	998,440.0	968,940.1	478,252.8	1,013.0	484.5
6/28/2022	14.53	47.9	1,400.9	1,221,622.0	1,185,528.0	585,156.9	1,013.0	592.8
6/29/2022	14.83	47.9	1,414.8	1,259,163.0	1,221,959.8	603,139.1	1,013.0	611.0
6/30/2022	19.90	47.9	1,322.9	1,579,565.0	1,532,895.2	756,611.6	1,013.0	766.4
Totals/ Average:	**634.27**	**47.9**	**1,504.5**	**57,918,215.0**	**56,206,963.4**	**27,742,825.0**	**1,013.0**	**28,103.5**
							Maximum:	**1,618.4**

Notes:
[1]CH_4 content of 47.9 percent determined from the August 6, 2021 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_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-7 Flare Heat Input Rate

MONTH: July-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
7/1/2022	13.13	47.9	1,383.0	1,089,842.0	1,057,641.5	522,034.3	1,013.0	528.8
7/2/2022	6.60	47.9	1,361.5	539,164.0	523,233.9	258,259.6	1,013.0	261.6
7/3/2022	8.40	47.9	1,326.8	668,728.0	648,969.8	320,320.7	1,013.0	324.5
7/4/2022	13.60	47.9	1,594.3	1,300,913.0	1,262,476.2	623,137.3	1,013.0	631.2
7/5/2022	17.67	47.9	1,400.7	1,484,782.0	1,440,912.6	711,210.6	1,013.0	720.5
7/6/2022	11.87	47.9	1,349.4	960,773.0	932,386.0	460,210.3	1,013.0	466.2
7/7/2022	10.03	47.9	1,394.5	839,473.0	814,669.9	402,107.6	1,013.0	407.3
7/8/2022	15.33	47.9	1,428.3	1,314,011.0	1,275,187.2	629,411.3	1,013.0	637.6
7/9/2022	9.93	47.9	1,335.9	796,195.0	772,670.6	381,377.4	1,013.0	386.3
7/10/2022	12.23	47.9	1,399.1	1,026,970.0	996,627.1	491,918.6	1,013.0	498.3
7/11/2022	10.33	47.9	1,644.3	1,019,471.0	989,349.7	488,326.6	1,013.0	494.7
7/12/2022	7.50	47.9	1,336.8	601,555.0	583,781.5	288,144.8	1,013.0	291.9
7/13/2022	4.23	47.9	1,293.0	328,412.0	318,708.7	157,309.3	1,013.0	159.4
7/14/2022	15.77	47.9	1,459.8	1,381,015.0	1,340,211.5	661,506.2	1,013.0	670.1
7/15/2022	11.27	47.9	1,328.3	897,960.0	871,428.9	430,122.8	1,013.0	435.7
7/16/2022	11.27	47.9	1,356.8	917,206.0	890,106.2	439,341.7	1,013.0	445.1
7/17/2022	11.50	47.9	1,335.7	921,605.0	894,375.3	441,448.8	1,013.0	447.2
7/18/2022	15.07	47.9	1,470.3	1,329,189.0	1,289,916.8	636,681.5	1,013.0	645.0
7/19/2022	17.97	47.9	1,356.3	1,462,044.0	1,418,846.4	700,319.1	1,013.0	709.4
7/20/2022	17.23	47.9	1,480.8	1,531,178.0	1,485,937.8	733,434.3	1,013.0	743.0
7/21/2022	12.87	47.9	1,386.6	1,070,428.0	1,038,801.1	512,735.0	1,013.0	519.4
7/22/2022	17.73	47.9	1,398.2	1,487,662.0	1,443,707.5	712,590.1	1,013.0	721.9
7/23/2022	15.73	47.9	1,321.5	1,247,537.0	1,210,677.3	597,570.2	1,013.0	605.3
7/24/2022	6.90	47.9	1,301.5	538,835.0	522,914.6	258,102.0	1,013.0	261.5
7/25/2022	15.07	47.9	1,785.8	1,614,324.0	1,566,627.2	773,261.2	1,013.0	783.3
7/26/2022	24.00	47.9	1,587.4	2,285,915.0	2,218,375.4	1,094,953.3	1,013.0	1,109.2
7/27/2022	24.00	47.9	1,638.8	2,359,842.0	2,290,118.1	1,130,364.3	1,013.0	1,145.1
7/28/2022	24.00	47.9	1,590.8	2,290,691.0	2,223,010.2	1,097,241.0	1,013.0	1,111.5
7/29/2022	24.00	47.9	1,641.5	2,363,796.0	2,293,955.3	1,132,258.3	1,013.0	**1,147.0**
7/30/2022	24.00	47.9	1,567.7	2,257,532.0	2,190,831.0	1,081,357.8	1,013.0	1,095.4
7/31/2022	24.00	47.9	1,579.6	2,274,553.0	2,207,349.1	1,089,510.9	1,013.0	1,103.7
Totals/ Average:	**453.23**	**47.9**	**1,446.3**	**40,201,601.0**	**39,013,804.5**	**19,256,566.9**	**1,013.0**	**19,506.9**
							Maximum:	**1,147.0**

Notes:
[1]CH_4 content of 47.9 percent determined from the August 6, 2021 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_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-7 Flare Heat Input Rate

MONTH: August-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
8/1/2022	17.20	47.1	1,547.3	1,596,861.0	1,523,798.2	752,121.5	1,013.0	761.9
8/2/2022	7.07	47.1	1,301.1	551,655.0	526,414.6	259,829.5	1,013.0	263.2
8/3/2022	8.57	47.1	1,537.8	790,435.0	754,269.4	372,294.9	1,013.0	377.1
8/4/2022	1.67	47.1	1,298.3	129,828.0	123,887.8	61,149.0	1,013.0	61.9
8/5/2022	6.17	47.1	1,426.3	527,742.0	503,595.7	248,566.5	1,013.0	251.8
8/6/2022	0.00	47.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/7/2022	0.00	47.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/8/2022	1.50	47.1	1,280.5	115,245.0	109,972.1	54,280.4	1,013.0	55.0
8/9/2022	0.00	47.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/10/2022	7.60	47.1	1,563.4	712,932.0	680,312.5	335,791.0	1,013.0	340.2
8/11/2022	10.43	47.1	1,841.6	1,152,818.0	1,100,072.0	542,977.3	1,013.0	550.0
8/12/2022	5.03	47.1	1,545.7	466,807.0	445,448.7	219,866.1	1,013.0	222.7
8/13/2022	0.17	47.1	1,234.5	12,345.0	11,780.2	5,814.5	1,013.0	5.9
8/14/2022	0.00	47.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/15/2022	0.00	47.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/16/2022	0.00	47.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/17/2022	0.00	47.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/18/2022	0.00	47.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/19/2022	0.90	47.1	1,293.6	69,855.0	66,658.9	32,901.7	1,013.0	33.3
8/20/2022	0.23	47.1	1,534.0	21,476.0	20,493.4	10,115.2	1,013.0	10.2
8/21/2022	0.00	47.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/22/2022	4.97	47.1	1,390.8	414,457.0	395,493.9	195,209.2	1,013.0	197.7
8/23/2022	24.00	47.1	1,426.2	2,053,658.0	1,959,694.9	967,272.9	1,013.0	979.8
8/24/2022	24.00	47.1	1,407.6	2,026,901.0	1,934,162.2	954,670.4	1,013.0	967.1
8/25/2022	24.00	47.1	1,401.6	2,018,274.0	1,925,929.9	950,607.1	1,013.0	963.0
8/26/2022	22.87	47.1	1,343.7	1,843,603.0	1,759,250.8	868,337.0	1,013.0	879.6
8/27/2022	12.13	47.1	1,556.9	1,133,394.0	1,081,536.7	533,828.6	1,013.0	540.8
8/28/2022	19.43	47.1	2,031.4	2,368,662.0	2,260,286.2	1,115,639.8	1,013.0	**1,130.1**
8/29/2022	15.40	47.1	1,471.8	1,359,948.0	1,297,724.9	640,535.5	1,013.0	648.9
8/30/2022	23.73	47.1	1,404.3	1,999,729.0	1,908,233.4	941,872.4	1,013.0	954.1
8/31/2022	20.47	47.1	1,393.2	1,710,837.0	1,632,559.4	805,804.2	1,013.0	816.3
Totals/ Average:	**257.53**	**47.1**	**1,465.1**	**23,077,462.0**	**22,021,575.8**	**10,869,484.6**	**1,013.0**	**11,010.8**
							Maximum:	**1,130.1**

Notes:
[1]CH_4 content of 47.1 percent determined from the July 21, 2022 Source Test.
[2]There were 743.00 hours available in March 2022 due to Daylight Savings Time.
scfm= standard cubic feet per minute
BTU/scf= British thermal unit per standard cubic feet
scf= standard cubic feet
MMBTU= million British thermal units
LFG= landfill gas
CH_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-7 Flare Heat Input Rate

MONTH: September-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
9/1/2022	15.60	47.1	1,561.9	1,461,892.0	1,395,004.6	688,551.1	1,013.0	697.5
9/2/2022	23.87	47.1	1,319.3	1,889,290.0	1,802,847.4	889,855.6	1,013.0	901.4
9/3/2022	20.33	47.1	1,324.1	1,615,394.0	1,541,483.3	760,850.6	1,013.0	770.7
9/4/2022	13.97	47.1	1,567.6	1,313,673.0	1,253,567.2	618,740.0	1,013.0	626.8
9/5/2022	21.43	47.1	1,753.3	2,254,691.0	2,151,529.9	1,061,959.5	1,013.0	1,075.8
9/6/2022	21.93	47.1	1,807.5	2,378,716.0	2,269,880.2	1,120,375.2	1,013.0	1,134.9
9/7/2022	22.70	47.1	1,675.8	2,282,412.0	2,177,982.5	1,075,016.1	1,013.0	1,089.0
9/8/2022	23.83	47.1	1,898.2	2,714,404.0	2,590,209.2	1,278,484.3	1,013.0	**1,295.1**
9/9/2022	21.90	47.1	1,789.5	2,351,428.0	2,243,840.8	1,107,522.6	1,013.0	1,121.9
9/10/2022	24.00	47.1	1,729.3	2,490,223.0	2,376,285.3	1,172,895.0	1,013.0	1,188.1
9/11/2022	21.80	47.1	1,725.3	2,256,630.0	2,153,380.2	1,062,872.7	1,013.0	1,076.7
9/12/2022	24.00	47.1	1,758.0	2,531,458.0	2,415,633.7	1,192,316.7	1,013.0	1,207.8
9/13/2022	23.00	47.1	1,783.6	2,461,314.0	2,348,699.0	1,159,278.9	1,013.0	1,174.3
9/14/2022	16.13	47.1	1,663.8	1,610,587.0	1,536,896.2	758,586.5	1,013.0	768.4
9/15/2022	24.00	47.1	1,385.4	1,995,038.0	1,903,757.0	939,662.9	1,013.0	951.9
9/16/2022	23.60	47.1	1,356.0	1,920,061.0	1,832,210.5	904,348.7	1,013.0	916.1
9/17/2022	24.00	47.1	1,359.8	1,958,076.0	1,868,486.2	922,253.8	1,013.0	934.2
9/18/2022	20.83	47.1	1,332.5	1,665,643.0	1,589,433.2	784,517.9	1,013.0	794.7
9/19/2022	16.20	47.1	1,445.9	1,405,453.0	1,341,147.9	661,968.4	1,013.0	670.6
9/20/2022	23.30	47.1	1,327.5	1,855,817.0	1,770,905.9	874,089.8	1,013.0	885.5
9/21/2022	12.63	47.1	1,363.9	1,033,870.0	986,566.3	486,952.8	1,013.0	493.3
9/22/2022	15.67	47.1	1,347.1	1,266,277.0	1,208,339.8	596,416.5	1,013.0	604.2
9/23/2022	16.30	47.1	1,470.1	1,437,770.0	1,371,986.3	677,189.7	1,013.0	686.0
9/24/2022	17.07	47.1	1,309.4	1,340,805.0	1,279,457.8	631,519.2	1,013.0	639.7
9/25/2022	14.47	47.1	1,398.1	1,213,519.0	1,157,995.7	571,567.4	1,013.0	579.0
9/26/2022	18.70	47.1	1,433.1	1,607,964.0	1,534,393.2	757,351.0	1,013.0	767.2
9/27/2022	24.00	47.1	1,356.5	1,953,346.0	1,863,972.6	920,026.0	1,013.0	932.0
9/28/2022	23.53	47.1	1,358.7	1,918,490.0	1,830,711.4	903,608.8	1,013.0	915.4
9/29/2022	23.67	47.1	1,331.2	1,890,292.0	1,803,803.6	890,327.5	1,013.0	901.9
9/30/2022	20.33	47.1	1,384.6	1,689,158.0	1,611,872.3	795,593.4	1,013.0	805.9
Totals/ Average:	**612.80**	**47.1**	**1,510.6**	**55,763,691.0**	**53,212,279.1**	**26,264,698.5**	**1,013.0**	**26,606.1**
							Maximum:	**1,295.1**

Notes:
[1]CH_4 content of 47.1 percent determined from the July 21, 2022 Source Test.
[2]There were 743.00 hours available in March 2022 due to Daylight Savings Time.
scfm= standard cubic feet per minute
BTU/scf= British thermal unit per standard cubic feet
scf= standard cubic feet
MMBTU= million British thermal units
LFG= landfill gas
CH_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-8 Flare Heat Input Rate

MONTH: April-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
4/1/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/2/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/3/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/4/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/5/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/6/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/7/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/8/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/9/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/10/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/11/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/12/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/13/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/14/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/15/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/16/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/17/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/18/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/19/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/20/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/21/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/22/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/23/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/24/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/25/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/26/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/27/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/28/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/29/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
4/30/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**0.00**	**44.1**	**0.0**	**0.0**	**0.0**	**0.0**	**1,013.0**	**0.0**
							Maximum:	**0.0**

Notes:

[1]CH_4 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_4= methane

%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-8 Flare Heat Input Rate

MONTH: May-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
5/1/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/2/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/3/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/4/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/5/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/6/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/7/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/8/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/9/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/10/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/11/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/12/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/13/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/14/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/15/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/16/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/17/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/18/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/19/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/20/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/21/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/22/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/23/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/24/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/25/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/26/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/27/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/28/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/29/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/30/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
5/31/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**0.00**	**44.1**	**0.0**	**0.0**	**0.0**	**0.0**	**1,013.0**	**0.0**
							Maximum:	**0.0**

Notes:

[1]CH_4 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_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-8 Flare Heat Input Rate

MONTH: June-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
6/1/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/2/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/3/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/4/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/5/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/6/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/7/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/8/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/9/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/10/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/11/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/12/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/13/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/14/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/15/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/16/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/17/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/18/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/19/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/20/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/21/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/22/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/23/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/24/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/25/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/26/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/27/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/28/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/29/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
6/30/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**0.00**	**44.1**	**0.0**	**0.0**	**0.0**	**0.0**	**1,013.0**	**0.0**
							Maximum:	**0.0**

Notes:

[1]CH_4 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_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-8 Flare Heat Input Rate

MONTH: July-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
7/1/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/2/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/3/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/4/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/5/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/6/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/7/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/8/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/9/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/10/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/11/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/12/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/13/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/14/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/15/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/16/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/17/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/18/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/19/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/20/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/21/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/22/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/23/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/24/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/25/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/26/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/27/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/28/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/29/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/30/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
7/31/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**0.00**	**44.1**	**0.0**	**0.0**	**0.0**	**0.0**	**1,013.0**	**0.0**
							Maximum:	**0.0**

Notes:

[1]CH_4 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_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-8 Flare Heat Input Rate

MONTH: August-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
8/1/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/2/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/3/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/4/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/5/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/6/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/7/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/8/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/9/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/10/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/11/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/12/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/13/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/14/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/15/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/16/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/17/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/18/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/19/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/20/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/21/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/22/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/23/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/24/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/25/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/26/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/27/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/28/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/29/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/30/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
8/31/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**0.00**	**44.1**	**0.0**	**0.0**	**0.0**	**0.0**	**1,013.0**	**0.0**
							Maximum:	**0.0**

Notes:

[1]CH_4 content of 44.1 percent (determined from the September 13, 2016 Source Test.
[2]There were 743.00 hours available in March 2022 due to Daylight Savings Time.
BTU/scf= British thermal unit per standard cubic feet
scf= standard cubic feet
scfm= standard cubic feet per minute
MMBTU= million British thermal units
LFG= landfill gas
CH_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-8 Flare Heat Input Rate

MONTH: September-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
9/1/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/2/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/3/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/4/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/5/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/6/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/7/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/8/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/9/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/10/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/11/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/12/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/13/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/14/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/15/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/16/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/17/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/18/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/19/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/20/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/21/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/22/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/23/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/24/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/25/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/26/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/27/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/28/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/29/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
9/30/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
10/1/2022	0.00	44.1	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**0.00**	**44.1**	**0.0**	**0.0**	**0.0**	**0.0**	**1,013.0**	**0.0**
							Maximum:	**0.0**

Notes:

[1]CH_4 content of 44.1 percent (determined from the September 13, 2016 Source Test.
[2]There were 743.00 hours available in March 2022 due to Daylight Savings Time.
BTU/scf= British thermal unit per standard cubic feet
scf= standard cubic feet
scfm= standard cubic feet per minute
MMBTU= million British thermal units
LFG= landfill gas
CH_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-9 Flare Heat Input Rate

MONTH: April-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
4/1/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/2/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/3/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/4/2022	17.37	52.6	1,726.1	1,798,613.0	1,916,738.7	946,070.4	1,013.0	958.4
4/5/2022	24.00	52.6	1,554.0	2,237,718.0	2,384,682.4	1,177,039.7	1,013.0	1,192.3
4/6/2022	14.63	52.6	1,644.7	1,444,011.0	1,538,847.9	759,549.8	1,013.0	769.4
4/7/2022	24.00	52.6	1,227.3	1,767,313.0	1,883,383.0	929,606.6	1,013.0	941.7
4/8/2022	24.00	52.6	1,411.5	2,032,498.0	2,165,984.3	1,069,093.9	1,013.0	1,083.0
4/9/2022	24.00	52.6	1,605.3	2,311,632.0	2,463,450.7	1,215,918.4	1,013.0	1,231.7
4/10/2022	23.83	52.6	1,671.7	2,390,524.0	2,547,524.1	1,257,415.6	1,013.0	**1,273.8**
4/11/2022	7.33	52.6	980.1	431,239.0	459,561.1	226,831.7	1,013.0	229.8
4/12/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/13/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/14/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/15/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/16/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/17/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/18/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/19/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/20/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/21/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/22/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/23/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/24/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/25/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/26/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/27/2022	1.10	52.6	1,506.7	99,443.0	105,974.0	52,307.0	1,013.0	53.0
4/28/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
4/29/2022	0.33	52.6	1,529.2	30,584.0	32,592.6	16,087.2	1,013.0	16.3
4/30/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**160.60**	**52.6**	**1,485.6**	**14,543,575.0**	**15,498,738.8**	**7,649,920.5**	**1,013.0**	**7,749.4**
							Maximum:	**1,273.8**

Notes:
[1]CH_4 content of 52.6 percent determined from the August 6, 2021 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_4= methane
%= percent

A-9 Flare Heat Input Rate

MONTH: May-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
5/1/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/2/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/3/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/4/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/5/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/6/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/7/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/8/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/9/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/10/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/11/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/12/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/13/2022	1.77	52.6	1,603.2	169,934.0	181,094.6	89,385.3	1,013.0	90.5
5/14/2022	10.80	52.6	1,613.4	1,045,464.0	1,114,125.9	549,914.1	1,013.0	**557.1**
5/15/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/16/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/17/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/18/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/19/2022	1.00	52.6	1,180.2	70,809.0	75,459.5	37,245.5	1,013.0	37.7
5/20/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/21/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/22/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/23/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/24/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/25/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/26/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/27/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/28/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/29/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/30/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
5/31/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**13.57**	**52.6**	**1,465.6**	**1,286,207.0**	**1,370,679.9**	**676,544.9**	**1,013.0**	**685.3**
							Maximum:	**557.1**

Notes:

[1]CH_4 content of 52.6 percent determined from the August 6, 2021 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_4= methane

%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-9 Flare Heat Input Rate

MONTH: June-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
6/1/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/2/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/3/2022	0.13	52.6	1,159.1	9,273.0	9,882.0	4,877.6	1,013.0	4.9
6/4/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/5/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/6/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/7/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/8/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/9/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/10/2022	15.80	52.6	1,001.8	949,683.0	1,012,054.4	499,533.3	1,013.0	506.0
6/11/2022	24.00	52.6	1,348.6	1,942,047.0	2,069,592.9	1,021,516.7	1,013.0	**1,034.8**
6/12/2022	16.57	52.6	1,654.2	1,644,259.0	1,752,247.4	864,880.2	1,013.0	876.1
6/13/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/14/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/15/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/16/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/17/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/18/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/19/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/20/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/21/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/22/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/23/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/24/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/25/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/26/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/27/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/28/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/29/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
6/30/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**56.50**	**52.6**	**1,290.9**	**4,545,262.0**	**4,843,776.6**	**2,390,807.8**	**1,013.0**	**2,421.9**
							Maximum:	**1,034.8**

Notes:
[1]CH_4 content of 52.6 percent determined from the August 6, 2021 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_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-9 Flare Heat Input Rate

MONTH: July-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
7/1/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/2/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/3/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/4/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/5/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/6/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/7/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/8/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/9/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/10/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/11/2022	1.10	52.6	1,381.2	91,160.0	97,147.0	47,950.2	1,013.0	48.6
7/12/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/13/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/14/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/15/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/16/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/17/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/18/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/19/2022	0.93	52.6	1,446.4	80,998.0	86,317.6	42,604.9	1,013.0	43.2
7/20/2022	3.27	52.6	1,491.4	292,314.0	311,512.0	153,757.2	1,013.0	155.8
7/21/2022	5.23	52.6	1,452.6	456,106.0	486,061.2	239,911.8	1,013.0	**243.0**
7/22/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/23/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/24/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/25/2022	2.47	52.6	2,159.9	319,670.0	340,664.6	168,146.4	1,013.0	170.3
7/26/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/27/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/28/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/29/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/30/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
7/31/2022	0.00	52.6	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**13.00**	**52.6**	**1,586.3**	**1,240,248.0**	**1,321,702.5**	**652,370.4**	**1,013.0**	**660.9**
							Maximum:	**243.0**

Notes:
[1]CH_4 content of 52.6 percent determined from the August 6, 2021 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_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-9 Flare Heat Input Rate

MONTH: August-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
8/1/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/2/2022	0.17	51.6	1,174.9	11,749.0	12,282.6	6,062.5	1,013.0	6.1
8/3/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/4/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/5/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/6/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/7/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/8/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/9/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/10/2022	2.37	51.6	2,231.7	316,905.0	331,297.6	163,523.0	1,013.0	165.6
8/11/2022	1.47	51.6	1,443.8	127,057.0	132,827.4	65,561.4	1,013.0	66.4
8/12/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/13/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/14/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/15/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/16/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/17/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/18/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/19/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/20/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/21/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/22/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/23/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/24/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/25/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/26/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/27/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/28/2022	14.27	51.6	1,656.3	1,417,823.0	1,482,214.8	731,596.7	1,013.0	**741.1**
8/29/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/30/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
8/31/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**18.27**	**51.6**	**1,626.7**	**1,873,534.0**	**1,958,622.4**	**966,743.5**	**1,013.0**	**979.3**
							Maximum:	**741.1**

Notes:
[1]CH_4 content of 51.6 percent determined from the July 21, 2022 Source Test.
[2]There were 743.00 hours available in March 2022 due to Daylight Savings Time.
scfm= standard cubic feet per minute
BTU/scf= British thermal unit per standard cubic feet
scf= standard cubic feet
MMBTU= million British thermal units
LFG= landfill gas
CH_4= methane
%= percent

OX MOUNTAIN LANDFILL
Half Moon Bay, CA

A-9 Flare Heat Input Rate

MONTH: September-2022

Date	Runtime (hours)	CH_4 (%)[1]	Average Flow (scfm)	Total Flow LFG Volume (scf)	Total Flow LFG Volume Corrected to 50% CH_4	CH_4 Volume (scf)	Heating Value of CH_4 (BTU/scf)	Heat Input (MMBTU/Day)
9/1/2022	0.13	51.6	3,227.4	25,819.0	26,991.6	13,322.6	1,013.0	13.5
9/2/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/3/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/4/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/5/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/6/2022	5.20	51.6	1,547.4	482,790.0	504,716.4	249,119.6	1,013.0	**252.4**
9/7/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/8/2022	1.33	51.6	1,396.0	111,682.0	116,754.1	57,627.9	1,013.0	58.4
9/9/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/10/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/11/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/12/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/13/2022	0.83	51.6	1,555.8	77,788.0	81,320.8	40,138.6	1,013.0	40.7
9/14/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/15/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/16/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/17/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/18/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/19/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/20/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/21/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/22/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/23/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/24/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/25/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/26/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/27/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/28/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/29/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
9/30/2022	0.00	51.6	0.0	0.0	0.0	0.0	1,013.0	0.0
Totals/ Average:	**7.50**	**51.6**	**1,931.6**	**698,079.0**	**729,783.0**	**360,208.8**	**1,013.0**	**364.9**
							Maximum:	**252.4**

Notes:
[1]CH_4 content of 51.6 percent determined from the July 21, 2022 Source Test.
[2]There were 743.00 hours available in March 2022 due to Daylight Savings Time.
scfm= standard cubic feet per minute
BTU/scf= British thermal unit per standard cubic feet
scf= standard cubic feet
MMBTU= million British thermal units
LFG= landfill gas
CH_4= methane
%= percent

APPENDIX M

S-12 STOCKPILE OF GREEN WASTE

Ox Mountain Landfill, Half Moon Bay, California

STOCKPILE OF GREEN WASTE

Month	Yard and Green Waste Accepted (Tons)	12-Month Consecutive Total (Tons)*
Apr-22	**0.00**	**0.00**
May-22	**0.00**	**0.00**
Jun-22	**0.00**	**0.00**
Jul-22	**0.00**	**0.00**
Aug-22	**0.00**	**0.00**
Sep-22	**0.00**	**0.00**

*The 12-month consecutive total for each month represents the sum of the monthly green waste accepted calculated using the preceding 12 consecutive months.

**As of March 2020, site accepts green waste but have stopped stockpiling and utilizing green waste as beneficial reuse.

APPENDIX N

ANNUAL FLARE SOURCE TESTS

Blue Sky Environmental, Inc.
624 San Gabriel Avenue
Albany, CA 94706
Phone (510) 525 1261
Cell (810) 923 3181
bluesky@blueskyenvironmental.com

August 25, 2022

Attn: Ben Wade
Republic Services
Ox Mountain (Los Trancos Canyon) Landfill
12310 San Mateo Road
Half Moon Bay, CA 94019

Subject: Source emission test report for Landfill Gas Flares A-7 and A-9 located at Ox Mountain (Los Trancos Canyon) Landfill in Half Moon Bay, California, to determine compliance with Condition 10164 of the Bay Area Air Quality Management District (BAAQMD) Title V Permit for Plant #2266, and BAAQMD Regulation 8, Rule 34.

Flare A-7 – 60 MMBtu/hr industrial landfill gas flare

Flare A-9 – 126 MMBtu/hr industrial landfill gas flare

Test Date(s): Testing was performed on July 21 and 22, 2022.

Sampling Location: Sampling was conducted at the exhaust stack of each 40-60' flare through 4-inch flange ports that were accessible using a boom lift provided by the facility. Ports were available that met EPA Method 1 minimum criteria of two stack diameters downstream from the nearest disturbance and 0.5 stack diameters from the nearest disturbance or exhaust.

Sampling Personnel: Sampling was performed by Jeramie Richardson and Timothy Eandi of Blue Sky Environmental, Inc. Nat Isreal of Tetra Tech, Inc. was onsite to operate the flares and ensure that the flare controls and charts were functioning properly.

Observing Personnel: BAAQMD was notified of the scheduled testing in a source test plan submitted on June 30, 2022 (NST# 7531 and 7532). No agency observers from BAAQMD were present during the test program.

Process Description: Ox Mountain (Los Trancos Canyon) Landfill is an active multi-material landfill with a gas collection system (S-1) that is abated by two landfill gas flares (A-7 and A-9). The flares are maintained above the permitted minimum temperature of 1,400°F. Landfill gas may also be vented off-site to the Ameresco Half Moon Bay LLC facility's flare of IC engines.

The flare temperatures and landfill gas fuel flows are continuously recorded by the facility at two minute intervals, and the data for the test period was downloaded and used in this report.

Test Program: The test program objective was to demonstrate compliance with emission limits specified in the BAAQMD Title V Permit for Plant #2266. This testing also satisfies requirements of BAAQMD Regulation 8, Rule 34 limits that came into effect on July 1, 2002, and the 99% Destruction Efficiency of Landfill Methane requirement that was finalized in 2010.

Three consecutive 30-minute gaseous emissions tests were performed for nitrogen oxides (NO_X), carbon monoxide (CO), oxygen (O_2), carbon dioxide (CO_2), methane (CH_4) and non-methane

hydrocarbons (NMOC) at the exhaust stack of each flare. The sampling system was checked for leaks before the start of the testing, by plugging the sample probe and observing the sample rotameter flow drop to zero. Analyzer external calibrations were performed before and after each run using EPA protocol certified gas standards. A NO_X analyzer converter efficiency check was performed before the first test run and found to be greater than 90%.

Concurrent with the exhaust sampling, Blue Sky Environmental collected a total of three LFG samples from each flare for CH_4, C_2-C_{6+} hydrocarbons, NMOC, CO_2, O_2, CO, and N_2 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 $\%O_2$ concentration to determine the emission flowrate using EPA Method 19.

The TRS/H_2S analysis of the landfill gas was used to calculate the stack SO_2 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_2 and CO_2, Stack Gas Molecular Weight
EPA Method 7E	NO_X Emissions and NO_2 Converter Efficiency
EPA Method 10	CO Emissions
EPA Method 25A/ALT-097	CH_4 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_2S 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_2) concentrations are determined by passing the sample through a catalyst which reduces the NO_2 to NO. The total oxides of nitrogen concentration (NO_2 + NO) is then determined by chemiluminescence.

Section 16.2.2 of the method is used to determine the NO_X analyzer NO_2 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_2 are flushed through and removed then the NMOC (ROC) fraction is oxidized to form CO_2 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_X	Chemiluminescence
TECO Model 48C	CO	GFC/IR
TECO Model 55C	CH_4/NMOC	Flame Ionization (FID)
Servomex Model 1400	CO_2	Infrared (IR)
Servomex Model 1400	O_2	Paramagnetic

Test Results: The compliance summary is presented below. Detailed source test emission results are provided in Tables 1-4. All measured test parameters complied with permit limits.

Compliance Summary – Flare A-7

Emission Parameter	Average Results Flare A-7	Permit Limits	Compliance Status
NO_X, ppmvd @ 3% O_2	35.2	39	In Compliance
NO_X, lb/MMBtu	0.0456	0.052	In Compliance
CO, ppmvd @ 3% O_2	25.0	184	In Compliance
CO, lb/MMBtu	0.0197	0.15	In Compliance
NMOC, ppmvd @ 3% O_2 as CH_4	<2.7	30	In Compliance
NMOC Destruction Efficiency, %	>98.90	>98%	In Compliance
THC Destruction Efficiency, %	>99.97	>98%	In Compliance
CH_4 Destruction Efficiency, %	>99.97	>99%	In Compliance

Compliance Summary – Flare A-9

Emission Parameter	Average Results Flare A-9	Permit Limits	Compliance Status
NO_X, ppmvd @ 3% O_2	38.6	39	In Compliance
NO_X, lb/MMBtu	0.0501	0.052	In Compliance
CO, ppmvd @ 3% O_2	153	184	In Compliance
CO, lb/MMBtu	0.121	0.15	In Compliance
NMOC, ppmvd @ 3% O_2 as CH_4	<3.3	30	In Compliance
NMOC Destruction Efficiency, %	>98.79	>98%	In Compliance
THC Destruction Efficiency, %	>99.89	>98%	In Compliance
CH_4 Destruction Efficiency, %	>99.90	>99%	In Compliance

The appendices are organized as follows:

Calculations
: All calculations performed using the continuous emissions monitoring (CEM) data and flow rate calculations

Laboratory Reports
: All laboratory reports and chain of custody documents

Field Data Sheets
: All CEMS data transcribed from the strip charts or computer-generated process data

Process Data
: Flare temperature and landfill gas fuel flow

Calibration Gas Certificates
: Certifications for the calibration gas standards

Equipment Calibrations
: Calibration records for equipment used (e.g., S-type pitot tubes, dry gas meters, rotameters)

Stack Diagram
: Sketch or photographs of the sampling location and stack configuration

Sample System Diagram
: Schematic of the sampling system configuration

Permit/Authority to Construct
: Facility permits to operate or authority to construct

Source Test Plan
: Sampling protocols submitted to the AQMD/APCD prior to testing

Comments: This source test was performed in accordance with the protocol submitted to BAAQMD. No deviations from the protocol or anomalies were observed during testing. No process interruptions were encountered, and no operational changes were required during the test program. The measured emissions met permit-required limits.

The work performed herein was conducted under my supervision, and I certify that:

a) the details and results contained within this report are to the best of my knowledge an authentic and accurate representation of the test program,

b) that the sampling and analytical procedures and data presented in the report is authentic and accurate,

c) that all testing details and conclusions are accurate and valid, and

d) that the production rate and/or heat input rate during the source test are reported accurately.

If this report is submitted for compliance purposes, it should only be reproduced in its entirety. If there are any questions concerning this report, please contact Jeramie Richardson at (810) 923-3181 or Guy Worthington at (510) 508-3469.

Prepared by,



Jessica Morris

Reviewed by,



Julie Wose-Jennings

TABLE #1

Ox Mountain Landfill
Landfill Gas Flare (A-7)

Parameter	Run 1	Run 2	Run 3	Average Results	Permit Limits
Test Date	7/22/22	7/22/22	7/22/22		
Test Time	0829-0916	1005-1052	1115-1203		
Standard Temperature, °F	70	70	70	70	
Flare Temperature, °F	1,507	1,501	1,504	1,504	
Fuel:					
Fuel Flow Rate, DSCFM	1,339	1,350	1,354	1,348	
Fuel Fd-Factor @ 68°F	9,297	9,315	9,311	9,308	
Total Reduced Sulfurs as H_2S, ppmv *(ASTM D5504)*	90.1	113	113	105	265
Stack Gas:					
Exhaust Flow Rate, DSCFM *(EPA Method 19)*	16,810	17,273	17,532	17,205	
Oxygen (O_2), % volume dry	13.6	13.8	13.8	13.7	
Carbon Dioxide (CO_2), % volume dry	6.47	6.35	6.21	6.34	
CO_2, lb/hr	7,422	7,490	7,435	7,449	
Water Vapor (H_2O), % volume *(EPA Method 4)*	9.39	7.88	7.41	8.23	
NO_X Emissions (reported as NO_2):					
NO_X, ppmvd	14.1	13.8	14.3	14.1	
NOx, ppmvd @ 3% O_2	34.6	34.8	36.3	35.2	39
NOx, lb/hr	1.69	1.71	1.79	1.73	
NOx, lb/day	40.5	41.0	43.0	41.5	
NOx, lb/MMBtu	0.0448	0.0451	0.0470	0.0456	0.052
CO Emissions:					
CO, ppmvd	10.1	13.9	6.03	10.0	
CO, ppmvd @ 3% O_2	25.0	34.8	15.3	25.0	184
CO, lb/hr	0.740	1.04	0.459	0.746	
CO, lb/day	17.8	24.9	11.0	17.9	
CO, lb/MMBtu	0.0197	0.0274	0.0120	0.0197	0.15
THC Emissions (reported as CH_4):					
THC ppmv wet	<11.0	<11.0	<11.0	<11.0	
THC, ppmvd	<12.1	<11.9	<11.9	<12.0	
THC, lb/hr	<0.507	<0.512	<0.517	<0.512	
THC Destruction Efficiency, %	>99.97%	>99.97%	>99.97%	>99.97%	>98%
Methane (CH_4) Emissions:					
CH_4, ppmv wet	<10.0	<10.0	<10.0	<10.0	
CH_4, ppmvd	<11.0	<10.9	<10.8	<10.9	
CH_4, lb/hr	<0.461	<0.465	<0.470	<0.465	
CH_4 Destruction Efficiency, %	>99.97%	>99.97%	>99.97%	>99.97%	>99%
NMOC Emissions:					
NMOC, ppmv wet	<1.0	<1.0	<1.0	<1.0	
NMOC, ppmvd	<1.1	<1.1	<1.1	<1.1	
NMOC, ppmvd @ 3% O_2	<2.7	<2.7	<2.7	<2.7	30*
NMOC, lb/hr	<0.046	<0.047	<0.047	<0.047	
NMOC Destruction Efficiency, %	>98.96%	>98.91%	>98.83%	>98.90%	>98%*
SO_2 Emissions:					
SO_2, ppmvd *(calculated)*	7.18	8.83	8.73	8.25	
SO_2, lb/hr	15.1	19.4	19.7	18.1	
Inlet Hydrocarbons (reported as CH_4):					
THC, ppmvd	472,334	471,273	473,194	472,267	
THC, lb/hr	1,570	1,579	1,590	1,580	
CH_4, ppmvd *(ASTM D1945)*	471,000	470,000	472,000	471,000	
CH_4, lb/hr	1,566	1,575	1,586	1,576	
NMOC, ppmvd *(EPA Method 25C)*	1,334	1,273	1,194	1,267	
NMOC, lb/hr	4.43	4.27	4.01	4.24	

WHERE:
ppm = parts per million concentration by volume expressed on a dry gas basis
lb/hr = pound per hour emission rate
Tstd. = standard temperature (°R = °F+460)
MW = molecular weight
DSCFM = dry standard cubic feet per minute
NO_X = oxides of nitrogen, reported as NO_2 (MW = 46)
CO = carbon monoxide (MW = 28)
CH_4 = methane (MW = 16)
THC = total hydrocarbons including methane, reported as methane
NMOC = non-methane organic compounds, reported as methane
SO_2 = sulfur dioxide (MW = 64.1)

CALCULATIONS:
ppm dry = ppm wet · 100 / (100 - H_2O%)
ppm @ 3% O_2 = ppm · 17.9 / (20.9 - %O_2)
lb/hr = ppm · 8.223 E-05 · DSCFM · MW / Tstd. °R
lb/day = lb/hr · 24
lb/MMBtu = Fd · MW · ppm · 2.59E-9 · 20.9/(20.9 - %O_2)
Destruction Efficiency, % = (inlet lbs/hr- outlet lbs/hr) / inlet lbs/hr
SO_2, calculated = H_2S · Inlet DSCFM / Exhaust DSCFM
<Value = 2% of analyzer range

** >98% NMOC destruction efficiency or <30 ppm NMOC @ 3% O_2*

TABLE #2

Permit TACs - Conditon 10164 Part 23

Ox Mountain Landfill
Landfill Gas Flare (A-7)

Compound	Method	Units	Landfill Gas Samples			Average Results	Permit Limits (ppbv)
			A-7 LFG1	A-7 LFG2	A-7 LFG3		
1,1,1-Trichloroethane	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	500
1,1,2,2-Tetrachloroethane	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	50
1,1-Dichloroethane (Ethylidene Dichloride)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	50
1,1-Dichloroethene (Vinylidene Chloride)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	500
1,2-Dichloroethane (Ethylene Dichloride)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	400
2-Propanol (IPA)	EPA TO-15	ppb	599	464	491	518	60,000
Acrylonitrile	EPA TO-15	ppb	<83.1	<87.2	<87	<86	100
Carbon Disulfide	EPA TO-15	ppb	<166	<174	<173	<171	500
Carbon Tetrachloride	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	50
Chlorobenzene	EPA TO-15	ppb	79.8	82.0	94.3	85.4	500
Chloroethane (Ethyl Chloride)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	1,000
Chloroform	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	50
1,4-Dichlorobenzene	EPA TO-15	ppb	525	581	617	574	900
Dichloromethane (Methylene Chloride)	EPA TO-15	ppb	<83.1	<87.2	<86.5	<85.6	1,000
Ethyl Benzene	EPA TO-15	ppb	3,290	3,170	3,250	3,237	7,000
1,2 Dibromoethane (Ethylene Dibromide)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	50
Hexane	EPA TO-15	ppb	297	251	252	267	5,000
2-Butanone (MEK)	EPA TO-15	ppb	3,110	2,400	2,500	2,670	40,000
Tetrachloroethylene (Perchloroethylene)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	600
Trichloroethylene (TCE)	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	400
Toluene	EPA TO-15	ppb	3,710	3,380	3,490	3,527	30,000
Benzene	EPA TO-15	ppb	1,240	1,160	1,160	1,187	3,000
m,p-Xylene	EPA TO-15	ppb	3,810	3,750	3,950	3,837	
o-Xylene	EPA TO-15	ppb	1,420	1,400	1,450	1,423	
Xylenes	EPA TO-15	ppb	5,230	5,150	5,400	5,260	30,000
Vinyl Chloride	EPA TO-15	ppb	<41.6	<43.6	<43.3	<42.8	300

TABLE #3

Ox Mountain Landfill
Landfill Gas Flare (A-9)

Parameter	Run 1	Run 2	Run 3	Average Results	Permit Limits
Test Date	7/21/22	7/21/22	7/21/22		
Test Time	0914-1003	1038-1125	1155-1242		
Standard Temperature, °F	70	70	70	70	
Flare Temperature, °F	1,585	1,589	1,589	1,588	
Fuel:					
Fuel Flow Rate, DSCFM	1,500	1,416	1,329	1,415	
Fuel Fd-Factor @ 68°F	9,316	9,322	9,322	9,320	
Total Reduced Sulfurs as H_2S, ppmv *(ASTM D5504)*	144	149	149	147	265
Stack Gas:					
Exhaust Flow Rate, DSCFM *(EPA Method 19)*	25,705	24,171	23,030	24,302	
Oxygen (O_2), % volume dry	15.1	15.0	15.1	15.1	
Carbon Dioxide (CO_2), % volume dry	5.20	5.10	5.04	5.11	
CO_2, lb/hr	9,118	8,408	7,920	8,482	
Water Vapor (H_2O), % volume *(EPA Method 4)*	5.69	5.57	5.76	5.67	
NO_X Emissions (reported as NO_2):					
NO_X, ppmvd	12.3	12.7	12.6	12.6	
NOx, ppmvd @ 3% O_2	37.8	38.9	39.1	38.6	39
NOx, lb/hr	2.26	2.20	2.07	2.18	
NOx, lb/day	54.3	52.8	49.7	52.3	
NOx, lb/MMBtu	0.0490	0.0504	0.0508	0.0501	0.052
CO Emissions:					
CO, ppmvd	41.0	58.5	49.8	49.8	
CO, ppmvd @ 3% O_2	126	178	155	153	184
CO, lb/hr	4.58	6.14	4.98	5.23	
CO, lb/day	110	147	120	126	
CO, lb/MMBtu	0.0992	0.141	0.122	0.121	0.15
THC Emissions (reported as CH_4):					
THC ppmv wet	<24.5	<41.3	<26.4	<30.7	
THC, ppmvd	<25.9	<43.7	<28.1	<32.6	
THC, lb/hr	<1.66	<2.62	<1.60	<1.96	
THC Destruction Efficiency, %	>99.91%	>99.86%	>99.91%	>99.89%	>98%
Methane (CH_4) Emissions:					
CH_4, ppmv wet	23.5	40.3	25.4	29.7	
CH_4, ppmvd	24.9	42.7	27.0	31.5	
CH_4, lb/hr	1.59	2.56	1.54	1.90	
CH_4 Destruction Efficiency, %	>99.92%	>99.86%	>99.91%	>99.90%	>99%
NMOC Emissions (reported as CH_4):					
NMOC, ppmv wet	<1.0	<1.0	<1.0	<1.0	
NMOC, ppmvd	<1.1	<1.1	<1.1	<1.1	
NMOC, ppmvd @ 3% O_2	<3.3	<3.2	<3.3	<3.3	30*
NMOC, lb/hr	<0.0677	<0.0635	<0.0607	<0.0640	
NMOC Destruction Efficiency, %	>98.78%	>98.81%	>98.78%	>98.79%	>98%*
SO_2 Emissions:					
SO_2, ppmvd *(calculated)*	8.40	8.73	8.60	8.58	
SO_2, lb/hr	36.8	35.8	34.1	35.6	
Inlet Hydrocarbons (reported as CH_4):					
THC, ppmvd	517,485	518,523	516,509	517,506	
THC, lb/hr	1,927	1,823	1,704	1,818	
CH_4, ppmvd *(ASTM D1945)*	516,000	517,000	515,000	516,000	
CH_4, lb/hr	1,921	1,817	1,699	1,813	
NMOC, ppmvd *(EPA Method 25C)*	1,485	1,523	1,509	1,506	
NMOC, lb/hr	5.53	5.35	4.98	5.29	

WHERE:
ppm = parts per million concentration by volume expressed on a dry gas basis
lb/hr = pound per hour emission rate
Tstd. = standard temperature (°R = °F+460)
MW = molecular weight
DSCFM = dry standard cubic feet per minute
NO_X = oxides of nitrogen, reported as NO_2 (MW = 46)
CO = carbon monoxide (MW = 28)
CH_4 = methane (MW = 16)
THC = total hydrocarbons including methane, reported as methane
NMOC = non-methane organic compounds, reported as methane
SO_2 = sulfur dioxide (MW = 64.1)

CALCULATIONS:
ppm dry = ppm wet · 100 / (100 - H_2O%)
ppm @ 3% O_2 = ppm · 17.9 / (20.9 - %O_2)
lb/hr = ppm · 8.223 E-05 · DSCFM · MW / Tstd. °R
lb/day = lb/hr · 24
lb/MMBtu = Fd · MW · ppm · 2.59E-9 · 20.9/(20.9 - %O_2)
Destruction Efficiency, % = (inlet lbs/hr- outlet lbs/hr) / inlet lbs/hr
SO_2, calculated = H_2S · Inlet DSCFM / Exhaust DSCFM
<Value = 2% of analyzer range

** >98% NMOC destruction efficiency or <30 ppm NMOC @ 3% O_2*

TABLE # 4

Permit TACs - Conditon 10164 Part 23

Ox Mountain Landfill
Landfill Gas Flare (A-9)

Compound	Method	Units	Landfill Gas Samples			Average Results	Permit Limits (ppbv)
			A-9 LFG1	A-9 LFG2	A-9 LFG3		
1,1,1-Trichloroethane	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	500
1,1,2,2-Tetrachloroethane	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	50
1,1-Dichloroethane (Ethylidene Dichloride)	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	50
1,1-Dichloroethene (Vinylidene Chloride)	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	500
1,2-Dichloroethane (Ethylene Dichloride)	EPA TO-15	ppb	125	122	127	125	400
2-Propanol (IPA)	EPA TO-15	ppb	3,650	3,530	3,620	3,600	60,000
Acrylonitrile	EPA TO-15	ppb	<78.2	<80.8	<83.0	<80.7	100
Carbon Disulfide	EPA TO-15	ppb	<156	<162	<166	<161	500
Carbon Tetrachloride	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	50
Chlorobenzene	EPA TO-15	ppb	115	113	116	115	500
Chloroethane (Ethyl Chloride)	EPA TO-15	ppb	122	111	105	113	1,000
Chloroform	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	50
1,4-Dichlorobenzene	EPA TO-15	ppb	578	602.0	<611.0	597.0	900
Dichloromethane (Methylene Chloride)	EPA TO-15	ppb	<78.2	<80.8	<83.0	<80.7	1,000
Ethyl Benzene	EPA TO-15	ppb	2,840	2,870	2,900	2,870	7,000
1,2 Dibromoethane (Ethylene Dibromide)	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	50
Hexane	EPA TO-15	ppb	311	305	310	309	5,000
2-Butanone (MEK)	EPA TO-15	ppb	6,390	6,280	6,640	6,437	40,000
Tetrachloroethylene (Perchloroethylene)	EPA TO-15	ppb	91.5	90.5	<90.4	<90.8	600
Trichloroethylene (TCE)	EPA TO-15	ppb	79.8	<82.5	<83.0	<81.8	400
Toluene	EPA TO-15	ppb	3,950	3,890	4,050	3,963	30,000
Benzene	EPA TO-15	ppb	1,100	1,090	1,110	1,100	3,000
m,p-Xylene	EPA TO-15	ppb	4,090	4,160	4,120	4,123	
o-Xylene	EPA TO-15	ppb	1,500	1,520	1,520	1,513	
Xylenes	EPA TO-15	ppb	5,590	5,680	5,640	5,637	30,000
Vinyl Chloride	EPA TO-15	ppb	<39.1	<40.4	<41.5	<40.3	300

BLUE SKY ENVIRONMENTAL, INC

Preliminary CEM System QA/QC Summary

Facility: Ox Mountain Landfill
Location: Flare (A-7)
Date: 7/22/22
Personnel: JR

Parameter	O_2	CO_2	NO_X	CO		Comments
Analyzer	1400	1400	42C	48C		
Instrument Range	25	15	25	150		
Units	%	%	ppm	ppm		
EPA Range (high span)	20.15	12.45	22.66	124.2		
Low Cal Value	0	0	0	0		EPA Methods 20 & 25A only
Cylinder #	--	--	--	--		
Mid Cal Value	14.52	8.175	12.70	86.62		
Cylinder #	EB0141295	EB0141295	EB0096968	CC301607		
High Cal Value	20.15	12.45	22.66	124.2		
Cylinder #	CC406137	CC406137	EB0071568	CC222156		

LINEARITY

Low Cal (internal)	0.08	-0.08	0.05	0.30		zero gas
Abs. Difference	0.08	-0.08	0.05	0.30		
% Linearity	*0.40%*	*-0.64%*	*0.22%*	*0.24%*		<2%
Mid Cal (internal)	14.45	8.14	12.82	85.40		
Abs. Difference	-0.07	-0.04	0.12	-1.22		
% Linearity	*-0.35%*	*-0.28%*	*0.53%*	*-0.98%*		<2%
High Cal (internal)	20.15	12.21	22.79	123.80		
Abs. Difference	0.00	-0.24	0.13	-0.40		
% Linearity	*0.00%*	*-1.93%*	*0.57%*	*-0.32%*		<2%

Initial SYSTEM BIAS Check

Zero (internal)	0.08	-0.08	0.05	0.30		
Zero (external)	0.06	0.01	0.10	0.00		
Abs. Difference	-0.02	0.09	0.05	-0.30		
bias, % range	*-0.10%*	*0.72%*	*0.22%*	*-0.24%*		EPA Methods 20/6C/7E (±5%)
Cal (internal)	20.15	12.21	12.82	85.40		
Cal (external)	19.99	12.26	12.66	83.80		
Abs. Difference	-0.16	0.05	-0.16	-1.60		
bias, % range	*-0.79%*	*0.40%*	*-0.71%*	*-1.29%*		EPA Methods 20/6C/7E (±5%)

SYSTEM RESPONSE TIME (secs)

time from ext. zero to ext. cal, or ext. cal to ext. zero (95% response)

Zero to Cal	60	60	60	60		
Cal to Zero	60	60	60	60		

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_2 response) / NO_2 cal gas value

NO_2 Converter Test

NO_2 cal gas value, ppm =	12.59
Analyzer NOx Response, ppm =	>11.97
Efficiency, % =	>95.1

BLUE SKY ENVIRONMENTAL, INC

CEM Bias Correction Summary

Facility:	Ox Mountain Landfill	Barometric Pressure:	30.0
Unit:	Flare (A-7)	Leak Check:	OK
Condition:	1,504°F	Stratification Check:	Stratified
Date:	7/22/22	Personnel:	JR

	O_2	CO_2	NO_X	CO				
Analyzer	1400	1400	42C	48C				
Instrument Range	25	15	25	150				r
Units	%	%	ppm	ppm				r
EPA Range (high Span)	20.15	12.45	22.66	124.2				
Span Gas Value	20.15	12.45	12.70	86.62				Ccal
Initial (int. zero)	0.08	-0.08	0.05	0.30				
Initial (int. cal)	20.15	12.21	12.82	85.40				
Run 1	0.06	0.01	0.10	0.00				zero (initial), Cib
Test Time:	19.99	12.26	12.66	83.80				cal (initial), Cib
0829-0916	13.53	6.38	14.08	9.68				TEST AVG, Cavg
	0.06	0.03	0.35	-0.30				zero (final), Cfb
	19.94	12.28	12.82	84.00				cal (final), Cfb
EPA 3%	*0.0%*	*0.2%*	*1.0%*	*-0.2%*				% zero drift
EPA 3%	*-0.2%*	*0.2%*	*0.6%*	*0.1%*				% cal drift
EPA 5%	*-0.1%*	*0.9%*	*1.2%*	*-0.4%*				% zero bias
EPA 5%	*-1.0%*	*0.6%*	*0.0%*	*-1.1%*				% cal bias
	13.64	**6.47**	**14.06**	**10.13**				**Cgas**
Run 2	0.06	0.03	0.35	-0.30				zero (initial), Cib
Test Time:	19.94	12.28	12.82	84.00				cal (initial), Cib
1005-1052	13.67	6.23	13.95	13.10				TEST AVG, Cavg
	0.21	0.02	0.23	-0.40				zero (final), Cfb
	19.92	12.11	12.82	83.50				cal (final), Cfb
EPA 3%	*0.7%*	*-0.1%*	*-0.5%*	*-0.1%*				% zero drift
EPA 3%	*-0.1%*	*-1.4%*	*0.0%*	*-0.3%*				% cal drift
EPA 5%	*0.6%*	*0.8%*	*0.7%*	*-0.5%*				% zero bias
EPA 5%	*-1.1%*	*-0.8%*	*0.0%*	*-1.5%*				% cal bias
	13.77	**6.35**	**13.84**	**13.85**				**Cgas**
Run 3	0.21	0.02	0.23	-0.40				zero (initial), Cib
Test Time:	19.92	12.11	12.82	83.50				cal (initial), Cib
1115-1203	13.74	6.05	14.46	5.54				TEST AVG, Cavg
	0.19	0.03	0.29	-0.20				zero (final), Cfb
	19.94	12.08	12.88	83.90				cal (final), Cfb
EPA 3%	*-0.1%*	*0.1%*	*0.2%*	*0.1%*				% zero drift
EPA 3%	*0.1%*	*-0.2%*	*0.2%*	*0.3%*				% cal drift
EPA 5%	*0.5%*	*0.9%*	*1.0%*	*-0.3%*				% zero bias
EPA 5%	*-1.0%*	*-1.0%*	*0.2%*	*-1.2%*				% cal bias
	13.83	**6.21**	**14.32**	**6.03**				**Cgas**

Pollutant Concentration (Cgas) = (Cavg - Co) · Ccal / (Cbcal - 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 Summary

Facility:	Ox Mountain Landfill	Barometric Pressure:	30.0
Unit:	Flare (A-7)	Leak Check:	OK
Condition:	1,504°F	Stratification Check:	Stratified
Date:	7/22/22	Personnel:	JR

	NMOC	Linearity	Error	CH_4	Linearity	Error	Comme
Analyzer	55C	55C		55C	55C		
Range	50	50		500	500		
Units, ppm or %	ppm	ppm	%	ppm	ppm	%	
Span High Value	45.33	44.96	*-0.82%*	451.3	441.0	*-2.28%*	*< 5%*
Cylinder #	CC79070	-		CC79070	-		
Span Mid Value	25.314	25.38	*0.26%*	249.5	245.5	*-1.60%*	*< 5%*
Cylinder #	AAL071264	-		AAL071264	-		
Span Low Value	**15.303**	14.87	*-2.83%*	**150.7**	146.1	*-3.05%*	*< 5%*
Cylinder #	**CC734840**	-		**CC734840**	-		
Run 1	-0.05			1.60			zero (initial),
Test Time:	14.87			146.10			upscale cal (
0829-0916	-0.04			-0.34			TEST AVG
	-0.05			-0.40			zero (final),
	14.35			146.4			upscale cal (
EPA 3%	*0.0%*			*-0.4%*			zero drift
EPA 3%	*-1.1%*			*0.1%*			cal drift
Run 2	-0.05			-0.40			zero (initial),
Test Time:	14.35			146.4			upscale cal (
1005-1052	-0.02			-0.15			TEST AVG
	-0.05			-0.40			zero (final),
	14.37			144.2			upscale cal (
EPA 3%	*0.0%*			*0.0%*			zero drift
EPA 3%	*0.0%*			*-0.5%*			cal drift
Run 3	-0.05			-0.40			zero (initial),
Test Time:	14.37			144.2			upscale cal (
1115-1203	-0.04			-0.30			TEST AVG
	-0.05			-0.40			zero (final),
	14.57			144.3			upscale cal (
EPA 3%	*0.0%*			*0.0%*			zero drift
EPA 3%	*0.4%*			*0.0%*			cal drift

CALIBRATION ERROR (Linearity) = 100 · (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%

BLUE SKY ENVIRONMENTAL, INC

Stack Gas Flow Rate Determination
EPA Method 19

Facility: Ox Mountain Landfill
Unit: Flare (A-7)
Condition: 1,504°F
Date: 7/22/22

	Run 1	Run 2	Run 3	
Test Time	0829-0916	1005-1052	1115-1203	
# cubic feet/rev	1,339	1,350	1,354	ft^3
# of seconds/rev	60	60	60	seconds
Gas Line Pressure (PSIG)	0.0	0.0	0.0	PSI Gauge
Gas Line Pressure (PSIA)	14.7	14.7	14.7	PSI Absolute
Gross Calorific Value @ 60°F	476.6	475.6	477.6	Btu / ft^3
Stack Oxygen	13.6	13.8	13.8	%
Gas Fd-Factor @ 60°F	9,156	9,174	9,170	DSCF/MMBtu
Gas Temperature	70	70	70	°F
Standard Temperature (Tstd)	70	70	70	°F
Realtime Fuel Rate	1,339	1,350	1,354	CFM
Corrected Fuel Rate @ Tstd	1,339	1,350	1,354	SCFM
Fuel Flowrate	80,340	81,000	81,240	SCFH
Million Btu per minute	0.626	0.630	0.634	MMBtu/min
Heat Input	37.6	37.8	38.1	MMBtu/hr
Stack Gas Flow Rate @ Tstd	**16,810**	**17,273**	**17,532**	**DSCFM**

WHERE:

Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)
MMBtu = Million Btu

CALCULATIONS:

SCFM = CFM · (PSIA) / 14.7 · (460 + Tstd)/(460 + Gas °F)

SCFH = SCFM · 60

MMBtu/min = (SCFM · Btu/ft^3) / 1,000,000

MMBtu/hr Heat Input = MMBtu/min · 60

DSCFM = (460 + Tstd)/(460 + 68) · Gas Fd-Factor · MMBtu/min · (20.9/ (20.9 - O_2%))

BLUE SKY ENVIRONMENTAL, INC

Stack Moisture Determination
EPA Method 4

Facility: Ox Mountain Landfill
Unit: Flare (A-7)
Condition: 1,504°F
Date: 7/22/22

	Run 1	Run 2	Run 3	
Test Time	0829-0916	1005-1052	1115-1203	
Uncorrected Meter Volume (Vm)	27.742	28.026	28.546	ft^3
Meter Factor (Yd)	0.9980	0.9980	0.9980	
Barometric Pressure (Pb)	30.0	30.0	30.0	"Hg
Meter Pressure (ΔH)	1.7	1.7	1.7	"H_2O
Meter Temperature (Tm)	54.1	59.0	64.8	^oF
Standard Temperature (Tstd)	70	70	70	^oF
Impinger H_2O Gain (Vw imp)	54.5	48.0	44.0	g
Silica Gel Wt. Gain (Vw sg)	8.5	4.0	5.0	g
Total H_2O Gain (Vw)	63.0	52.0	49.0	g
Moisture Vapor (Vw std)	2.980	2.459	2.318	ft^3
Standard Meter Volume (Vm std)	**28.737**	**28.758**	**28.971**	**DSCF**
Percent of H_2O in Stack	**9.39**	**7.88**	**7.41**	**%**

WHERE:
ft^3 = cubic foot
"H_2O = inches of water
"Hg = inches of mercury
^oF = Fahrenheit
ml = milliliter
g = gram
% = percent

CALCULATIONS:
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_2O % = 100 · Vw std / (Vw std + Vm std)

BLUE SKY ENVIRONMENTAL, INC

Fd-Factor Calculation
Landfill Gas

Facility: Ox Mountain Landfill
Unit: Flare (A-7)
Sample ID: A-7 LFG1
Date: 7/22/22

	Molecular Weight	Ideal Gas Specific Gravity, G_i	Ideal Gas Total Calorific Value, H_i	Compressibility Summation Factor, $\sqrt{bi}$	Specific Volume, ft^3/lb	PPM	%	Composition Mole Fraction, x_i	Specific Gravity Fraction, x_iG_i	Calorific Value Fraction, x_iH_i	Compressibility Fraction, $x_i\sqrt{b_i}$	x_iMW	Weight Fraction, $x_iMW / \Sigma xiMW$	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft^3/lb
Helium‡	4.00	0.1382	0.0	-0.0170		**0.0**		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000								
Hydrogen (H_2) ‡	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	**14.9**		**0.1490**	0.1441	0.0	0.0024	4.1735	0.1479				0.1479			0.1479	1.9884
Oxygen	32.00	1.1053	0.0		11.819	**3.1**		**0.0310**	0.0343	0.0	0.0000	0.9920	0.0352			0.0352				0.0352	0.4155
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	**35.0**		**0.3500**	0.5318	0.0	0.0224	15.4035	0.5459	0.1490	0.0000	0.3969				0.5459	4.6665
Methane	16.04	0.5539	1012.0	0.0436	23.565	**47.1**		**0.4710**	0.2609	476.7	0.0205	7.5548	0.2678	0.2005	0.0673					0.2678	6.3096
Ethane (C_2)	30.01	1.0382	1772.9	0.0917	12.455	**<0.8**		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
Propane (C_3)	44.09	1.5224	2523.0	0.1342	8.365	**16.4**		**0.0000**	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000					0.0000	0.0002
Isobutane	58.12	2.0067	3260.1	0.1744	6.321			**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
n-Butane (C_4)	58.12	2.0067	3269.6	0.1825	6.321	**6.1**		**0.0000**	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000					0.0000	0.0001
Isopentane	72.14	2.4910	4009.4	0.2276	5.252			**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
n-Pentane (C_5)	72.14	2.4910	4018.5	0.2377	5.252	**2.4**		**0.0000**	0.0000	0.0	0.0000	0.0002	0.0000	0.0000	0.0000					0.0000	0.0000
Hexanes (C_6)	86.17	2.9753	4758.0	0.2830	4.398	**6.0**		**0.0000**	0.0000	0.0	0.0000	0.0005	0.0000	0.0000	0.0000					0.0000	0.0001
C_{6+} (as hexane)	86.17	2.9753	4758.0	0.2830	4.398	**198**		**0.0002**	0.0006	0.9	0.0001	0.0171	0.0006	0.0007	0.0001					0.0008	0.0027
Total								1.0200	**0.974**	**482.9**	0.0454	28.2159	0.9988	0.3504	0.0673	0.4332	0.1479	0.0000	0.9988	**13.41**
									SG	**Btu/ft^3**	**$\sum x_i\sqrt{b_i}$**	**$\sum$xiMW**		**35.08%**	**6.74%**	**43.37%**	**14.81%**	**0.00%**		**ft^3/lb**

%H_2Osat @60°F *(ASTM 3588, eqn 14)* **1.744**

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) *(Air = 1.000 @ 760mm Hg, 60°F)* **0.9742**

Compressibility Factor (Z) **0.9979**

$Z = 1 - [(\Sigma x_i \sqrt{b_i})^2 + (2x_{1H} - x_{1H}^2)(0.0005)]$

Specific Gravity (corrected) **0.976**

Specific Volume, (SV) ft^3/lb **13.41** **ft^3/lb**

Gross Calorific Value (GCV) **483.9** **Btu/ft^3 Gross @ 68°F**

Gross Calorific Value (GCV) **476.6** **Btu/ft^3 Gross @ 60°F**

Gross Calorific Value (GCV) *Btu/lb = Btu/ft^3 · ft^3/lb* **6,488** **Btu/lb @ 68°F**

Gross Calorific Value, wet (GCVw) *GCV · (1-H2O) (ASTM D-3588, eqn 14)* **6,375** **Btu/lb @ 68°F**

Gas Fd-Factor *(EPA Method 19, eqn 19-13)* **9,297** **DSCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((3.64 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2)) / Btu/lb$ **9,156** **DSCF/MMBtu @ 60°F**

Gas Fw-Factor *(EPA Method 19, eqn 19-14)* **11,359** **SCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2) + (0.21 \cdot \%H2O)) / Btu/lb(GCVw)$

BLUE SKY ENVIRONMENTAL, INC

Fd-Factor Calculation
Landfill Gas

Facility: Ox Mountain Landfill
Unit: Flare (A-7)
Sample ID: A-7 LFG2
Date: 7/22/22

	Molecular Weight	Ideal Gas Specific Gravity, G_i	Ideal Gas Total Calorific Value, H_i	Compressibility Summation Factor, $\sqrt{bi}$	Specific Volume, ft^3/lb	PPM / %	Composition Mole Fraction, x_i	Specific Gravity Fraction, x_iG_i	Calorific Value Fraction, x_iH_i	Compressibility Fraction, $x_i\sqrt{b_i}$	x_iMW	Weight Fraction, $x_iMW / \Sigma xiMW$	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft^3/lb
Helium‡	4.00	0.1382	0.0	-0.0170		**0.0**	**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000							
Hydrogen (H_2) ‡	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	**14.8**	**0.1480**	0.1431	0.0	0.0024	4.1455	0.1472				0.1472		0.1472	1.9781
Oxygen	32.00	1.1053	0.0		11.819	**3.1**	**0.0310**	0.0343	0.0	0.0000	0.9920	0.0352			0.0352			0.0352	0.4162
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	**35.0**	**0.3500**	0.5318	0.0	0.0224	15.4035	0.5468	0.1492	0.0000	0.3976			0.5468	4.6738
Methane	16.04	0.5539	1012.0	0.0436	23.565	**47.0**	**0.4700**	0.2603	475.6	0.0205	7.5388	0.2676	0.2004	0.0673				0.2676	6.3060
Ethane (C_2)	30.01	1.0382	1772.9	0.0917	12.455	**<0.9**	**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Propane (C_3)	44.09	1.5224	2523.0	0.1342	8.365	**16.5**	**0.0000**	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000				0.0000	0.0002
Isobutane	58.12	2.0067	3260.1	0.1744	6.321		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
n-Butane (C_4)	58.12	2.0067	3269.6	0.1825	6.321	**5.7**	**0.0000**	0.0000	0.0	0.0000	0.0003	0.0000	0.0000	0.0000				0.0000	0.0001
Isopentane	72.14	2.4910	4009.4	0.2276	5.252		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
n-Pentane (C_5)	72.14	2.4910	4018.5	0.2377	5.252	**1.3**	**0.0000**	0.0000	0.0	0.0000	0.0001	0.0000	0.0000	0.0000				0.0000	0.0000
Hexanes (C_6)	86.17	2.9753	4758.0	0.2830	4.398	**5.0**	**0.0000**	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0001
C_{6+} (as hexane)	86.17	2.9753	4758.0	0.2830	4.398	**172**	**0.0002**	0.0005	0.8	0.0000	0.0148	0.0005	0.0006	0.0001				0.0007	0.0023
Total							1.0180	**0.973**	**481.9**	0.0454	28.1717	0.9988	0.3505	0.0673	0.4339	0.1472	0.0000	0.9988	**13.40**
								SG	**Btu/ft^3**	**$\sum x_i\sqrt{b_i}$**	**$\sum$xiMW**		**35.09%**	**6.74%**	**43.44%**	**14.73%**	**0.00%**		**ft^3/lb**

%H_2Osat @60°F *(ASTM 3588, eqn 14)* **1.744**

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) *(Air = 1.000 @ 760mm Hg, 60°F)* **0.9727**

Compressibility Factor (Z) **0.9979**

$Z = 1 - [(\Sigma x_i \sqrt{b_i})^2 + (2x_{1H} - x_{1H}^2)(0.0005)]$

Specific Gravity (corrected) **0.975**

Specific Volume, (SV) ft^3/lb **13.40** **ft^3/lb**

Gross Calorific Value (GCV) **482.9** **Btu/ft^3 Gross @ 68°F**

Gross Calorific Value (GCV) **475.6** **Btu/ft^3 Gross @ 60°F**

Gross Calorific Value (GCV) *Btu/lb = Btu/ft^3 · ft^3/lb* **6,472** **Btu/lb @ 68°F**

Gross Calorific Value, wet (GCVw) *GCV · (1-H2O) (ASTM D-3588, eqn 14)* **6,359** **Btu/lb @ 68°F**

Gas Fd-Factor *(EPA Method 19, eqn 19-13)* **9,315** **DSCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((3.64 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2)) / Btu/lb$ **9,174** **DSCF/MMBtu @ 60°F**

Gas Fw-Factor *(EPA Method 19, eqn 19-14)* **11,381** **SCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2) + (0.21 \cdot \%H2O)) / Btu/lb(GCVw)$

BLUE SKY ENVIRONMENTAL, INC

Fd-Factor Calculation
Landfill Gas

Facility: Ox Mountain Landfill
Unit: Flare (A-7)
Sample ID: A-7 LFG3
Date: 7/22/22

	Molecular Weight	Ideal Gas Specific Gravity, G_i	Ideal Gas Total Calorific Value, H_i	Compressibility Summation Factor, $\sqrt{bi}$	Specific Volume, ft^3/lb	PPM / %	Composition Mole Fraction, x_i	Specific Gravity Fraction, x_iG_i	Calorific Value Fraction, x_iH_i	Compressibility Fraction, $x_i\sqrt{bi}$	x_iMW	Weight Fraction, $x_iMW / \sum xiMW$	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft^3/lb
Helium‡	4.00	0.1382	0.0	-0.0170		**0.0**	**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000							
Hydrogen (H_2) ‡	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	**14.7**	**0.1470**	0.1422	0.0	0.0024	4.1175	0.1461				0.1461		0.1461	1.9637
Oxygen	32.00	1.1053	0.0		11.819	**3.0**	**0.0300**	0.0332	0.0	0.0000	0.9600	0.0341			0.0341			0.0341	0.4025
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	**35.1**	**0.3510**	0.5333	0.0	0.0225	15.4475	0.5480	0.1496	0.0000	0.3985			0.5480	4.6845
Methane	16.04	0.5539	1012.0	0.0436	23.565	**47.2**	**0.4720**	0.2614	477.7	0.0206	7.5709	0.2686	0.2011	0.0675				0.2686	6.3292
Ethane (C_2)	30.01	1.0382	1772.9	0.0917	12.455	**<0.9**	**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Propane (C_3)	44.09	1.5224	2523.0	0.1342	8.365	**17.0**	**0.0000**	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000				0.0000	0.0002
Isobutane	58.12	2.0067	3260.1	0.1744	6.321		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
n-Butane (C_4)	58.12	2.0067	3269.6	0.1825	6.321	**5.7**	**0.0000**	0.0000	0.0	0.0000	0.0003	0.0000	0.0000	0.0000				0.0000	0.0001
Isopentane	72.14	2.4910	4009.4	0.2276	5.252		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
n-Pentane (C_5)	72.14	2.4910	4018.5	0.2377	5.252	**2.3**	**0.0000**	0.0000	0.0	0.0000	0.0002	0.0000	0.0000	0.0000				0.0000	0.0000
Hexanes (C_6)	86.17	2.9753	4758.0	0.2830	4.398	**5.2**	**0.0000**	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0001
C_{6+} (as hexane)	86.17	2.9753	4758.0	0.2830	4.398	**188**	**0.0002**	0.0006	0.9	0.0001	0.0162	0.0006	0.0006	0.0001				0.0008	0.0025
Total							1.0190	**0.973**	**483.9**	0.0455	28.1879	0.9988	0.3516	0.0675	0.4337	0.1461	0.0000	0.9988	**13.41**
								SG	**Btu/ft^3**	**$\sum x_i\sqrt{b_i}$**	**$\sum$xiMW**		**35.20%**	**6.76%**	**43.42%**	**14.62%**	**0.00%**		**ft^3/lb**

%H_2Osat @60°F *(ASTM 3588, eqn 14)* **1.744**

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) *(Air = 1.000 @ 760mm Hg, 60°F)* **0.9733**

Compressibility Factor (Z) **0.9979**

$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2x_{1H} - x_{1H}^2)(0.0005)]$

Specific Gravity (corrected) **0.975**

Specific Volume, (SV) ft^3/lb **13.41** **ft^3/lb**

Gross Calorific Value (GCV) **484.9** **Btu/ft^3 Gross @ 68°F**

Gross Calorific Value (GCV) **477.6** **Btu/ft^3 Gross @ 60°F**

Gross Calorific Value (GCV) $Btu/lb = Btu/ft^3 \cdot ft^3/lb$ **6,502** **Btu/lb @ 68°F**

Gross Calorific Value, wet (GCVw) $GCV \cdot (1\text{-}H2O)$ *(ASTM D-3588, eqn 14)* **6,388** **Btu/lb @ 68°F**

Gas Fd-Factor *(EPA Method 19, eqn 19-13)* **9,311** **DSCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((3.64 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2)) / Btu/lb$ **9,170** **DSCF/MMBtu @ 60°F**

Gas Fw-Factor *(EPA Method 19, eqn 19-14)* **11,374** **SCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2) + (0.21 \cdot \%H2O)) / Btu/lb(GCVw)$

BLUE SKY ENVIRONMENTAL, INC

Preliminary CEM System QA/QC Summary

Facility: Ox Mountain Landfill
Location: Flare (A-9)
Date: 7/21/22
Personnel: JR

Parameter	O_2	CO_2	NO_X	CO		Comments
Analyzer	1400	1400	42C	48C		
Instrument Range	25	15	25	150		
Units	%	%	ppm	ppm		
EPA Range (high span)	20.15	12.45	22.66	124.2		
Low Cal Value	0	0	0	0		EPA Methods 20 & 25A only
Cylinder #	--	--	--	--		
Mid Cal Value	14.52	8.175	12.70	86.62		
Cylinder #	EB0141295	EB0141295	EB0096968	CC301607		
High Cal Value	20.15	12.45	22.66	124.2		
Cylinder #	CC406137	CC406137	EB0071568	CC222156		

LINEARITY

Low Cal (internal)	0.02	0.00	0.03	0.50		zero gas
Abs. Difference	0.02	0.00	0.03	0.50		
% Linearity	*0.10%*	*0.00%*	*0.13%*	*0.40%*		<2%
Mid Cal (internal)	14.56	8.22	12.69	85.30		
Abs. Difference	0.04	0.04	-0.01	-1.32		
% Linearity	*0.20%*	*0.36%*	*-0.04%*	*-1.06%*		<2%
High Cal (internal)	20.10	12.40	22.71	124.40		
Abs. Difference	-0.05	-0.05	0.05	0.20		
% Linearity	*-0.25%*	*-0.40%*	*0.22%*	*0.16%*		<2%

Initial SYSTEM BIAS Check

Zero (internal)	0.02	0.00	0.03	0.50		
Zero (external)	0.01	0.02	0.08	0.20		
Abs. Difference	-0.01	0.02	0.05	-0.30		
bias, % range	*-0.05%*	*0.16%*	*0.22%*	*-0.24%*		EPA Methods 20/6C/7E (±5%)
Cal (internal)	20.10	12.40	12.69	85.30		
Cal (external)	20.10	12.31	12.62	85.30		
Abs. Difference	0.00	-0.09	-0.07	0.00		
bias, % range	*0.00%*	*-0.72%*	*-0.31%*	*0.00%*		EPA Methods 20/6C/7E (±5%)

SYSTEM RESPONSE TIME (secs)

time from ext. zero to ext. cal, or ext. cal to ext. zero (95% response)

Zero to Cal	60	60	60	60		
Cal to Zero	60	60	60	60		

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_2 response) / NO_2 cal gas value

NO_2 Converter Test

NO_2 cal gas value, ppm =	12.59
Analyzer NOx Response, ppm =	>11.98
Efficiency, % =	>95.2

BLUE SKY ENVIRONMENTAL, INC

CEM Bias Correction Summary

Facility:	Ox Mountain Landfill	Barometric Pressure:	30.0
Unit:	Flare (A-9)	Leak Check:	OK
Condition:	1,588°F	Stratification Check:	Stratified
Date:	7/21/22	Personnel:	JR

	O_2	CO_2	NO_X	CO				
Analyzer	1400	1400	42C	48C				
Instrument Range	25	15	25	150				r
Units	%	%	ppm	ppm				r
EPA Range (high Span)	20.15	12.45	22.66	124.2				
Span Gas Value	20.15	12.45	12.70	86.62				Ccal
Initial (int. zero)	0.02	0.00	0.03	0.50				
Initial (int. cal)	20.10	12.40	12.69	85.30				
Run 1	0.01	0.02	0.08	0.20				zero (initial), Cib
Test Time:	20.10	12.31	12.62	85.30				cal (initial), Cib
0914-1003	15.05	5.20	12.43	40.45				TEST AVG, Cavg
	0.03	0.03	0.70	0.20				zero (final), Cfb
	20.15	12.55	12.97	85.30				cal (final), Cfb
EPA 3%	*0.1%*	*0.1%*	*2.5%*	*0.0%*				% zero drift
EPA 3%	*0.2%*	*1.9%*	*1.4%*	*0.0%*				% cal drift
EPA 5%	*0.0%*	*0.2%*	*2.7%*	*-0.2%*				% zero bias
EPA 5%	*0.2%*	*1.2%*	*1.1%*	*0.0%*				% cal bias
	15.07	**5.20**	**12.33**	**40.97**				**Cgas**
Run 2	0.03	0.03	0.70	0.20				zero (initial), Cib
Test Time:	20.15	12.55	12.97	85.30				cal (initial), Cib
1038-1125	15.02	5.16	12.92	57.57				TEST AVG, Cavg
	0.08	0.08	0.53	0.20				zero (final), Cfb
	20.10	12.52	12.77	85.00				cal (final), Cfb
EPA 3%	*0.2%*	*0.4%*	*-0.7%*	*0.0%*				% zero drift
EPA 3%	*-0.2%*	*-0.2%*	*-0.8%*	*-0.2%*				% cal drift
EPA 5%	*0.3%*	*0.6%*	*2.0%*	*-0.2%*				% zero bias
EPA 5%	*0.0%*	*1.0%*	*0.3%*	*-0.2%*				% cal bias
	15.03	**5.10**	**12.75**	**58.50**				**Cgas**
Run 3	0.08	0.08	0.53	0.20				zero (initial), Cib
Test Time:	20.10	12.52	12.77	85.00				cal (initial), Cib
1155-1242	15.15	5.08	12.70	49.34				TEST AVG, Cavg
	0.18	0.06	0.61	0.60				zero (final), Cfb
	20.15	12.37	12.81	86.10				cal (final), Cfb
EPA 3%	*0.5%*	*-0.2%*	*0.3%*	*0.3%*				% zero drift
EPA 3%	*0.2%*	*-1.2%*	*0.2%*	*0.7%*				% cal drift
EPA 5%	*0.8%*	*0.5%*	*2.3%*	*0.1%*				% zero bias
EPA 5%	*0.2%*	*-0.2%*	*0.5%*	*0.5%*				% cal bias
	15.13	**5.04**	**12.61**	**49.79**				**Cgas**

Pollutant Concentration (Cgas) = (Cavg - Co) · Ccal / (Cbcal - 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 Summary

Facility:	Ox Mountain Landfill	Barometric Pressure:	30.0
Unit:	Flare (A-9)	Leak Check:	OK
Condition:	1,588°F	Stratification Check:	Stratified
Date:	7/21/22	Personnel:	JR

	NMOC	Linearity	Error	CH_4	Linearity	Error	Comme
Analyzer	55C	55C		55C	55C		
Range	50	50		500	500		
Units, ppm or %	ppm	ppm	%	ppm	ppm	%	
Span High Value	45.33	43.75	*-3.49%*	451.3	442.7	*-1.91%*	*< 5%*
Cylinder #	CC79070	-		CC79070			
Span Mid Value	25.314	24.78	*-2.11%*	249.5	244.3	*-2.08%*	*< 5%*
Cylinder #	AAL071264	-		AAL071264			
Span Low Value	**15.303**	14.78	*-3.42%*	**150.7**	153.6	*1.92%*	*< 5%*
Cylinder #	**CC734840**	-		**CC734840**			
Run 1	-0.05			0.10			zero (initial),
Test Time:	14.78			153.6			upscale cal (
0914-1003	0.24			23.47			TEST AVG
	-0.06			-0.40			zero (final),
	15.41			152.8			upscale cal (
EPA 3%	*0.0%*			*-0.1%*			zero drift
EPA 3%	*1.4%*			*-0.5%*			cal drift
Run 2	-0.06			-0.40			zero (initial),
Test Time:	15.41			152.8			upscale cal (
1038-1125	0.68			40.31			TEST AVG
	-0.05			-0.40			zero (final),
	15.12			153.3			upscale cal (
EPA 3%	*0.0%*			*0.0%*			zero drift
EPA 3%	*-0.6%*			*0.1%*			cal drift
Run 3	-0.05			-0.40			zero (initial),
Test Time	15.12			153.3			upscale cal (
1155-1242	0.13			25.44			TEST AVG
	-0.05			0.00			zero (final),
	14.98			153.0			upscale cal (
EPA 3%	*0.0%*			*0.1%*			zero drift
EPA 3%	*-0.3%*			*-0.1%*			cal drift

CALIBRATION ERROR (Linearity) = 100 · (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%

BLUE SKY ENVIRONMENTAL, INC

Stack Gas Flow Rate Determination
EPA Method 19

Facility: Ox Mountain Landfill
Unit: Flare (A-9)
Condition: 1,588°F
Date: 7/21/22

	Run 1	Run 2	Run 3	
Test Time	0914-1003	1038-1125	1155-1242	
# cubic feet/rev	1,500	1,416	1,329	ft^3
# of seconds/rev	60	60	60	seconds
Gas Line Pressure (PSIG)	0.0	0.0	0.0	PSI Gauge
Gas Line Pressure (PSIA)	14.7	14.7	14.7	PSI Absolute
Gross Calorific Value @ 60°F	521.4	522.5	520.8	Btu / ft^3
Stack Oxygen	15.1	15.0	15.1	%
Gas Fd-Factor @ 60°F	9,175	9,180	9,180	DSCF/MMBtu
Gas Temperature	70	70	70	°F
Standard Temperature (Tstd)	70	70	70	°F
Realtime Fuel Rate	1,500.0	1,416.0	1,329.0	CFM
Corrected Fuel Rate @ Tstd	1,500.0	1,416.0	1,329.0	SCFM
Fuel Flowrate	90,000	84,960	79,740	SCFH
Million Btu per minute	0.767	0.726	0.679	MMBtu/min
Heat Input	46.04	43.55	40.74	MMBtu/hr
Stack Gas Flow Rate @ Tstd	**25,705**	**24,171**	**23,030**	**DSCFM**

WHERE:
Gas Fd-Factor = Fuel conversion factor (ratio of combustion gas volumes to heat inputs)
MMBtu = Million Btu

CALCULATIONS:
SCFM = CFM · (PSIA) / 14.7 · (460 + Tstd)/(460 + Gas °F)
SCFH = SCFM · 60
MMBtu/min = (SCFM · Btu/ft^3) / 1,000,000
MMBtu/hr Heat Input = MMBtu/min · 60
DSCFM = (460 + Tstd)/(460 + 68) · Gas Fd-Factor · MMBtu/min · (20.9/ (20.9 - O_2%))

BLUE SKY ENVIRONMENTAL, INC

Stack Moisture Determination
EPA Method 4

Facility: Ox Mountain
Unit: Flare A-9
Condition: Normal
Date: 8/5/20

	Run 1	Run 2	Run 3	
Test Time	0914-1003	1038-1125	1155-1242	
Uncorrected Meter Volume (Vm)	29.769	27.923	28.654	ft^3
Meter Factor (Yd)	0.9980	0.9980	0.9980	
Barometric Pressure (Pb)	30.0	30.0	30.0	"Hg
Meter Pressure (ΔH)	1.7	1.7	1.7	"H_2O
Meter Temperature (Tm)	52.0	54.8	59.4	^oF
Standard Temperature (Tstd)	70	70	70	^oF
Impinger H_2O Gain (Vw imp)	32.5	32.0	36.0	g
Silica Gel Wt. Gain (Vw sg)	7.0	4.0	2.0	g
Total H_2O Gain (Vw)	39.5	36.0	38.0	g
Moisture Vapor (Vw std)	1.868	1.703	1.797	ft^3
Standard Meter Volume (Vm std)	**30.965**	**28.889**	**29.382**	**DSCF**
Percent of H_2O in Stack	**5.7**	**5.6**	**5.8**	**%**

WHERE:
ft^3 = cubic foot
"H_2O = inches of water
"Hg = inches of mercury
^oF = Fahrenheit
ml = milliliter
g = gram
% = percent

CALCULATIONS:
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_2O % = 100 · Vw std / (Vw std + Vm std)

BLUE SKY ENVIRONMENTAL, INC

Fd-Factor Calculation
Landfill Gas

Facility: Ox Mountain Landfill
Unit: Flare (A-9)
Sample ID: A-9 LFG1
Date: 7/21/22

	Molecular Weight	Ideal Gas Specific Gravity, G_i	Ideal Gas Total Calorific Value, H_i	Compressibility Summation Factor, $\sqrt{bi}$	Specific Volume, ft^3/lb	PPM	%	Composition Mole Fraction, x_i	Specific Gravity Fraction, x_iG_i	Calorific Value Fraction, x_iH_i	Compressibility Fraction, $x_i\sqrt{b_i}$	x_iMW	Weight Fraction, $x_iMW / \Sigma xiMW$	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft^3/lb
Helium‡	4.00	0.1382	0.0	-0.0170		**0.0**		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000								
Hydrogen (H_2) ‡	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	**9.7**		**0.0970**	0.0938	0.0	0.0016	2.7170	0.0972				0.0972		0.0972	0.0972	1.3068
Oxygen	32.00	1.1053	0.0		11.819	**1.4**		**0.0140**	0.0155	0.0	0.0000	0.4480	0.0160			0.0160				0.0160	0.1894
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	**37.3**		**0.3730**	0.5667	0.0	0.0239	16.4157	0.5873	0.1603	0.0000	0.4271				0.5873	5.0206
Methane	16.04	0.5539	1012.0	0.0436	23.565	**51.6**		**0.5160**	0.2858	522.2	0.0225	8.2766	0.2961	0.2217	0.0744					0.2962	6.9784
Ethane (C_2)	30.01	1.0382	1772.9	0.0917	12.455	**<0.8**		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
Propane (C_3)	44.09	1.5224	2523.0	0.1342	8.365	**22.9**		**0.0000**	0.0000	0.1	0.0000	0.0010	0.0000	0.0000	0.0000					0.0000	0.0003
Isobutane	58.12	2.0067	3260.1	0.1744	6.321			**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
n-Butane (C_4)	58.12	2.0067	3269.6	0.1825	6.321	**7.5**		**0.0000**	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000					0.0000	0.0001
Isopentane	72.14	2.4910	4009.4	0.2276	5.252			**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000					0.0000	0.0000
n-Pentane (C_5)	72.14	2.4910	4018.5	0.2377	5.252	**8.8**		**0.0000**	0.0000	0.0	0.0000	0.0006	0.0000	0.0000	0.0000					0.0000	0.0001
Hexanes (C_6)	86.17	2.9753	4758.0	0.2830	4.398	**16.3**		**0.0000**	0.0000	0.1	0.0000	0.0014	0.0001	0.0000	0.0000					0.0001	0.0002
C_{6+} (as hexane)	86.17	2.9753	4758.0	0.2830	4.398	**222**		**0.0002**	0.0007	1.1	0.0001	0.0191	0.0007	0.0008	0.0001					0.0009	0.0030
Total								1.0181	**0.965**	**528.2**	0.0480	27.9491	0.9988	0.3830	0.0745	0.4442	0.0972	0.0000	0.9989	**13.52**	
									SG	**Btu/ft^3**	**$\sum x_i\sqrt{b_i}$**	**$\sum$xiMW**		**38.34%**	**7.45%**	**44.47%**	**9.73%**	**0.00%**		**ft^3/lb**	

%H_2Osat @60°F *(ASTM 3588, eqn 14)* **1.744**

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) *(Air = 1.000 @ 760mm Hg, 60°F)* **0.9650**

Compressibility Factor (Z) **0.9977**

$Z = 1 - [(\Sigma x_i \sqrt{b_i})^2 + (2x_{1H} - x_{1H}^2)(0.0005)]$

Specific Gravity (corrected) **0.967**

Specific Volume, (SV) ft^3/lb **13.52** **ft^3/lb**

Gross Calorific Value (GCV) **529.5** **Btu/ft^3 Gross @ 68°F**

Gross Calorific Value (GCV) **521.4** **Btu/ft^3 Gross @ 60°F**

Gross Calorific Value (GCV) $Btu/lb = Btu/ft^3 \cdot ft^3/lb$ **7,160** **Btu/lb @ 68°F**

Gross Calorific Value, wet (GCVw) $GCV \cdot (1\text{-}H2O)$ *(ASTM D-3588, eqn 14)* **7,035** **Btu/lb @ 68°F**

Gas Fd-Factor *(EPA Method 19, eqn 19-13)* **9,316** **DSCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((3.64 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2)) / Btu/lb$ **9,175** **DSCF/MMBtu @ 60°F**

Gas Fw-Factor *(EPA Method 19, eqn 19-14)* **11,376** **SCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2) + (0.21 \cdot \%H2O)) / Btu/lb(GCVw)$

BLUE SKY ENVIRONMENTAL, INC

Fd-Factor Calculation
Landfill Gas

Facility: Ox Mountain Landfill
Unit: Flare (A-9)
Sample ID: A-9 LFG2
Date: 7/21/22

	Molecular Weight	Ideal Gas Specific Gravity, G_i	Ideal Gas Total Calorific Value, H_i	Compressibility Summation Factor, $\sqrt{bi}$	Specific Volume, ft^3/lb	PPM / %	Composition Mole Fraction, x_i	Specific Gravity Fraction, x_iG_i	Calorific Value Fraction, x_iH_i	Compressibility Fraction, $x_i\sqrt{b_i}$	x_iMW	Weight Fraction, $x_iMW / \Sigma xiMW$	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft^3/lb
Helium‡	4.00	0.1382	0.0	-0.0170		**0.0**	**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000							
Hydrogen (H_2) ‡	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	**9.7**	**0.0970**	0.0938	0.0	0.0016	2.7170	0.0973				0.0973		0.0973	1.3075
Oxygen	32.00	1.1053	0.0		11.819	**1.3**	**0.0130**	0.0144	0.0	0.0000	0.4160	0.0149			0.0149			0.0149	0.1760
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	**37.3**	**0.3730**	0.5667	0.0	0.0239	16.4157	0.5877	0.1604	0.0000	0.4273			0.5877	5.0233
Methane	16.04	0.5539	1012.0	0.0436	23.565	**51.7**	**0.5170**	0.2864	523.2	0.0225	8.2927	0.2969	0.2223	0.0746				0.2969	6.9956
Ethane (C_2)	30.01	1.0382	1772.9	0.0917	12.455	**<0.8**	**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Propane (C_3)	44.09	1.5224	2523.0	0.1342	8.365	**22.9**	**0.0000**	0.0000	0.1	0.0000	0.0010	0.0000	0.0000	0.0000				0.0000	0.0003
Isobutane	58.12	2.0067	3260.1	0.1744	6.321		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
n-Butane (C_4)	58.12	2.0067	3269.6	0.1825	6.321	**7.2**	**0.0000**	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0001
Isopentane	72.14	2.4910	4009.4	0.2276	5.252		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
n-Pentane (C_5)	72.14	2.4910	4018.5	0.2377	5.252	**8.3**	**0.0000**	0.0000	0.0	0.0000	0.0006	0.0000	0.0000	0.0000				0.0000	0.0001
Hexanes (C_6)	86.17	2.9753	4758.0	0.2830	4.398	**28.1**	**0.0000**	0.0001	0.1	0.0000	0.0024	0.0001	0.0001	0.0000				0.0001	0.0004
C_{6+} (as hexane)	86.17	2.9753	4758.0	0.2830	4.398	**259**	**0.0003**	0.0008	1.2	0.0001	0.0223	0.0008	0.0009	0.0002				0.0011	0.0035
Total							1.0181	**0.964**	**529.3**	0.0481	27.9341	0.9988	0.3836	0.0747	0.4433	0.0973	0.0000	0.9989	**13.53**
								SG	**Btu/ft^3**	**$\sum x_i\sqrt{b_i}$**	**$\sum$xiMW**		**38.41%**	**7.47%**	**44.38%**	**9.74%**	**0.00%**		**ft^3/lb**

%H_2Osat @60°F *(ASTM 3588, eqn 14)* **1.744**

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) *(Air = 1.000 @ 760mm Hg, 60°F)* **0.9645**

Compressibility Factor (Z) **0.9977**

$Z = 1 - [(\Sigma x_i \sqrt{b_i})^2 + (2x_{1H} - x_{1H}^2)(0.0005)]$

Specific Gravity (corrected) **0.967**

Specific Volume, (SV) ft^3/lb **13.53** **ft^3/lb**

Gross Calorific Value (GCV) **530.5** **Btu/ft^3 Gross @ 68°F**

Gross Calorific Value (GCV) **522.5** **Btu/ft^3 Gross @ 60°F**

Gross Calorific Value (GCV) $Btu/lb = Btu/ft^3 \cdot ft^3/lb$ **7,178** **Btu/lb @ 68°F**

Gross Calorific Value, wet (GCVw) $GCV \cdot (1\text{-}H2O)$ *(ASTM D-3588, eqn 14)* **7,053** **Btu/lb @ 68°F**

Gas Fd-Factor *(EPA Method 19, eqn 19-13)* **9,322** **DSCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((3.64 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2)) / Btu/lb$ **9,180** **DSCF/MMBtu @ 60°F**

Gas Fw-Factor *(EPA Method 19, eqn 19-14)* **11,382** **SCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2) + (0.21 \cdot \%H2O)) / Btu/lb(GCVw)$

BLUE SKY ENVIRONMENTAL, INC

Fd-Factor Calculation
Landfill Gas

Facility: Ox Mountain Landfill
Unit: Flare (A-9)
Sample ID: A-9 LFG3
Date: 7/21/22

	Molecular Weight	Ideal Gas Specific Gravity, G_i	Ideal Gas Total Calorific Value, H_i	Compressibility Summation Factor, $\sqrt{bi}$	Specific Volume, ft^3/lb	PPM / %	Composition Mole Fraction, x_i	Specific Gravity Fraction, x_iG_i	Calorific Value Fraction, x_iH_i	Compressibility Fraction, $x_i\sqrt{b_i}$	x_iMW	Weight Fraction, $x_iMW / \sum xiMW$	CARBON Weight Fraction	HYDROGEN Weight Fraction	OXYGEN Weight Fraction	NITROGEN Weight Fraction	SULFUR Weight Fraction	CHONS SUM	Specific Volume, ft^3/lb
Helium‡	4.00	0.1382	0.0	-0.0170		**0.0**	**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000							
Hydrogen (H_2) ‡	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	**9.9**	**0.0990**	0.0958	0.0	0.0016	2.7730	0.0994				0.0994		0.0994	1.3360
Oxygen	32.00	1.1053	0.0		11.819	**1.4**	**0.0140**	0.0155	0.0	0.0000	0.4480	0.0161			0.0161			0.0161	0.1898
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	**37.1**	**0.3710**	0.5637	0.0	0.0237	16.3277	0.5852	0.1597	0.0000	0.4255			0.5852	5.0019
Methane	16.04	0.5539	1012.0	0.0436	23.565	**51.5**	**0.5150**	0.2853	521.2	0.0225	8.2606	0.2960	0.2217	0.0744				0.2961	6.9763
Ethane (C_2)	30.01	1.0382	1772.9	0.0917	12.455	**<0.8**	**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
Propane (C_3)	44.09	1.5224	2523.0	0.1342	8.365	**23.5**	**0.0000**	0.0000	0.1	0.0000	0.0010	0.0000	0.0000	0.0000				0.0000	0.0003
Isobutane	58.12	2.0067	3260.1	0.1744	6.321		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
n-Butane (C_4)	58.12	2.0067	3269.6	0.1825	6.321	**7.3**	**0.0000**	0.0000	0.0	0.0000	0.0004	0.0000	0.0000	0.0000				0.0000	0.0001
Isopentane	72.14	2.4910	4009.4	0.2276	5.252		**0.0000**	0.0000	0.0	0.0000	0.0000	0.0000	0.0000	0.0000				0.0000	0.0000
n-Pentane (C_5)	72.14	2.4910	4018.5	0.2377	5.252	**9.7**	**0.0000**	0.0000	0.0	0.0000	0.0007	0.0000	0.0000	0.0000				0.0000	0.0001
Hexanes (C_6)	86.17	2.9753	4758.0	0.2830	4.398	**15.9**	**0.0000**	0.0000	0.1	0.0000	0.0014	0.0000	0.0000	0.0000				0.0000	0.0002
C_{6+} (as hexane)	86.17	2.9753	4758.0	0.2830	4.398	**294**	**0.0003**	0.0009	1.4	0.0001	0.0253	0.0009	0.0010	0.0002				0.0012	0.0040
Total							1.0181	**0.963**	**527.5**	0.0479	27.9031	0.9988	0.3823	0.0744	0.4427	0.0994	0.0000	0.9988	**13.53**
								SG	**Btu/ft^3**	**$\sum x_i\sqrt{b_i}$**	**$\sum$xiMW**		**38.28%**	**7.45%**	**44.32%**	**9.95%**	**0.00%**		**ft^3/lb**

%H_2Osat @60°F *(ASTM 3588, eqn 14)* **1.744**

‡ Omitted from Compressibility Factor Calculation

Calculated Specific Gravity (SG) *(Air = 1.000 @ 760mm Hg, 60°F)* **0.9634**

Compressibility Factor (Z) **0.9977**

$Z = 1 - [(\sum x_i \sqrt{b_i})^2 + (2x_{1H} - x_{1H}^2)(0.0005)]$

Specific Gravity (corrected) **0.966**

Specific Volume, (SV) ft^3/lb **13.53** **ft^3/lb**

Gross Calorific Value (GCV) **528.8** **Btu/ft^3 Gross @ 68°F**

Gross Calorific Value (GCV) **520.8** **Btu/ft^3 Gross @ 60°F**

Gross Calorific Value (GCV) *Btu/lb = Btu/ft^3 · ft^3/lb* **7,155** **Btu/lb @ 68°F**

Gross Calorific Value, wet (GCVw) *GCV · (1-H2O) (ASTM D-3588, eqn 14)* **7,030** **Btu/lb @ 68°F**

Gas Fd-Factor *(EPA Method 19, eqn 19-13)* **9,322** **DSCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((3.64 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2)) / Btu/lb$ **9,180** **DSCF/MMBtu @ 60°F**

Gas Fw-Factor *(EPA Method 19, eqn 19-14)* **11,383** **SCF/MMBtu @ 68°F**

$DSCF/MMBtu = 10^6 \cdot ((5.57 \cdot \%H_2) + (1.53 \cdot \%C) + (0.57 \cdot \%S) + (0.14 \cdot \%N_2) - (0.46 \cdot \%O_2) + (0.21 \cdot \%H2O)) / Btu/lb(GCVw)$

Atmospheric Analysis & Consulting, Inc

CLIENT	: Blue Sky Environmental, Inc.
PROJECT NAME	: OX MTN LANDFILL
AAC PROJECT NO.	: 221568
REPORT DATE	: 08/05/2022

On July 25th, 2022, Atmospheric Analysis & Consulting, Inc. received six (6) Six-Liter Silonite Canisters for TNMOC analysis by EPA 25C, TRS analysis by ASTM D-5504, and ASTM D-1945 analysis. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab No.	Return Pressure (mmHg)
A-7 LFG1	221568-34002	617.2
A-7 LFG2	221568-34003	587.7
A-7 LFG3	221568-34004	591.5
A-9 LFG1	221568-34005	654.5
A-9 LFG2	221568-34006	634.3
A-9 LFG3	221568-34007	619.7

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.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.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT	: Blue Sky Environmental, Inc.	SAMPLING DATE	: 07/21-22/2022
PROJECT NO.	: 221568	RECEIVING DATE	: 07/25/2022
MATRIX	: Air	ANALYSIS DATE	: 08/03-05/2022
		REPORT DATE	: 08/05/2022

ASTM D-1945 & EPA 25C

Client ID	A-7 LFG1	A-7 LFG2	A-7 LFG3
AAC ID	221568-34002	221568-34003	221568-34004
Can Dilution Factor	1.66	1.74	1.73
Analyte	Result	Result	Result
H_2	< 1.7 %	< 1.7 %	< 1.7 %
O_2	3.1 %	3.1 %	3.0 %
N_2	14.9 %	14.8 %	14.7 %
CO	< 0.2 %	< 0.2 %	< 0.2 %
CO_2	35.0 %	35.0 %	35.1 %
CH_4	47.1 %	47.0 %	47.2 %
C_2 (as Ethane)	< 0.8 ppmV	< 0.9 ppmV	< 0.9 ppmV
C_3 (as Propane)	16.4 ppmV	16.5 ppmV	17.0 ppmV
C_4 (as Butane)	6.1 ppmV	5.7 ppmV	5.7 ppmV
C_5 (as Pentane)	2.4 ppmV	1.3 ppmV	2.3 ppmV
C_6 (as Hexane)	6.0 ppmV	5.0 ppmV	5.2 ppmV
C_6+ (as Hexane)	198 ppmV	172 ppmV	188 ppmV
TNMOC (as Carbon)	1,334 ppmC	1,273 ppmC	1,194 ppmC

Client ID	A-9 LFG1	A-9 LFG2	A-9 LFG3
AAC ID	221568-34005	221568-34006	221568-34007
Can Dilution Factor	1.56	1.62	1.66
Analyte	Result	Result	Result
H_2	< 1.6 %	< 1.6 %	< 1.7 %
O_2	1.4 %	1.3 %	1.4 %
N_2	9.7 %	9.7 %	9.9 %
CO	< 0.2 %	< 0.2 %	< 0.2 %
CO_2	37.3 %	37.3 %	37.1 %
CH_4	51.6 %	51.7 %	51.5 %
C_2 (as Ethane)	< 0.8 ppmV	< 0.8 ppmV	< 0.8 ppmV
C_3 (as Propane)	22.9 ppmV	22.9 ppmV	23.5 ppmV
C_4 (as Butane)	7.5 ppmV	7.2 ppmV	7.3 ppmV
C_5 (as Pentane)	8.8 ppmV	8.3 ppmV	9.7 ppmV
C_6 (as Hexane)	16.3 ppmV	28.1 ppmV	15.9 ppmV
C_6+ (as Hexane)	222 ppmV	259 ppmV	294 ppmV
TNMOC (as Carbon)	1,485 ppmC	1,523 ppmC	1,509 ppmC

All fixed gases have been normalized to 100% on a dry basis

Sample Reporting Limit (SRL) is equal to Reporting Limit x Analysis Dil. Fac x Canister Dil. Fac (if applicable)

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc.

LABORATORY ANALYSIS REPORT

CLIENT : **Blue Sky Environmental, Inc.**
PROJECT NO. : **221568**
MATRIX : **AIR**
UNITS : **ppmV**

SAMPLING DATE : **07/21-22/2022**
RECEIVING DATE : **07/25/2022**
ANALYSIS DATE : **07/25/2022**
REPORT DATE : **08/05/2022**

Total Reduced Sulfur Compounds Analysis by ASTM D-5504

Client ID	A-7 LFG1	A-7 LFG2	A-7 LFG3	A-9 LFG1	A-9 LFG2	A-9 LFG3
AAC ID	221568-34002	221568-34003	221568-34004	221568-34005	221568-34006	221568-34007
Canister Dil. Fac.	1.7	1.7	1.7	1.6	1.6	1.7
Analyte	Result	Result	Result	Result	Result	Result
Hydrogen Sulfide	**87.5**	**110**	**110**	**139**	**144**	**144**
COS / SO2	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Methyl Mercaptan	**0.426**	**0.445**	**0.396**	**0.703**	**0.849**	**0.713**
Ethyl Mercaptan	**0.123**	**0.136**	**0.201**	**0.189**	**0.226**	**0.171**
Dimethyl Sulfide	**0.394**	**0.387**	**0.490**	**0.598**	**0.655**	**0.659**
Carbon Disulfide	< 0.083	< 0.087	< 0.087	**0.160**	**0.084**	< 0.083
Isopropyl Mercaptan	**0.314**	**0.518**	**0.372**	**0.889**	**0.865**	**0.765**
tert-Butyl Mercaptan	**0.091**	< 0.087	< 0.087	**0.263**	**0.288**	**0.176**
n-Propyl Mercaptan	**0.151**	< 0.087	**0.182**	**0.385**	**0.547**	**0.317**
Methylethylsulfide	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
sec-Butyl Mercaptan / Thiophene	**0.730**	**0.762**	**0.528**	**0.781**	**0.986**	**1.26**
iso-Butyl Mercaptan	< 0.083	< 0.087	< 0.087	**0.078**	< 0.081	< 0.083
Diethyl Sulfide	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
n-Butyl Mercaptan	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Dimethyl Disulfide	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
2-Methylthiophene	**0.301**	**0.338**	**0.209**	**0.152**	**0.181**	**0.315**
3-Methylthiophene	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Tetrahydrothiophene	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Bromothiophene	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Thiophenol	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Diethyl Disulfide	< 0.083	< 0.087	< 0.087	< 0.078	< 0.081	< 0.083
Total Unidentified Sulfur	**0.095**	**0.112**	**0.123**	**0.136**	**0.155**	**0.634**
Total Reduced Sulfurs	**90.1**	**113**	**113**	**144**	**149**	**149**

All unidentified compound's concentrations expressed in terms of H_2S (TRS does not include COS and SO_2)
Sample Reporting Limit (SRL) is equal to Reporting Limit x Canister Dil. Fac. x Analysis Dil. Fac.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report

Date Analyzed : 08/05/2022
Analyst : MR
Units : %

Instrument ID : GC-TCA #2
Calb Date : 01/17/2022
Reporting Limit : 0.1%

I - Opening Continuing Calibration Verification - EPA 25

AAC ID	Analyte	H_2	O_2	N_2	CH_4	CO	CO_2
CCV	Spike Conc	9.9	10.3	20.7	10.0	10.0	10.0
	Result	9.8	10.6	21.7	10.0	9.9	9.8
	% Rec *	98.6	103.1	105.0	99.8	98.9	98.2

II - Method Blank - EPA 25

AAC ID	Analyte	H_2	O_2	N_2	CH_4	CO	CO_2
MB	Concentration	ND	ND	ND	ND	ND	ND

III - Laboratory Control Spike & Duplicate - EPA 25

AAC ID	Analyte	H_2	O_2	N_2	CH_4	CO	CO_2
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	9.9	10.3	20.7	10.0	10.0	10.0
	LCS Result	10.2	10.2	20.3	10.3	10.3	10.3
	LCSD Result	10.2	10.1	20.5	10.2	10.2	10.2
	LCS % Rec *	102.5	98.4	98.1	103.2	102.6	102.9
	LCSD % Rec *	102.4	98.2	99.2	102.4	102.2	101.9
	% RPD ***	0.1	0.2	1.1	0.8	0.5	1.0

IV -Sample & Sample Duplicate - EPA 25

AAC ID	Analyte	H_2	O_2	N_2	CH_4	CO	CO_2
221568-34002	Sample	0.0	1.8	8.8	27.3	0.0	20.3
	Sample Dup	0.0	1.8	8.5	27.3	0.0	20.3
	Mean	0.0	1.8	8.6	27.3	0.0	20.3
	% RPD ***	0.0	4.0	3.0	0.2	0.0	0.1

V - Matrix Spike & Duplicate- EPA 25

AAC ID	Analyte	H_2	N_2	CH_4	CO	CO_2
221568-34002	Sample Conc	0.0	4.3	13.7	0.0	10.1
	Spike Conc	9.9	10.1	10.0	10.0	10.0
	MS Result	10.2	14.8	23.5	9.9	19.9
	MSD Result	10.1	14.9	23.6	10.0	20.0
	MS % Rec **	103.0	103.8	98.7	98.5	98.1
	MSD % Rec **	101.8	104.6	99.5	100.0	98.9
	% RPD ***	1.1	0.7	0.7	1.5	0.8

VI - Closing Continuing Calibration Verification - EPA 25

AAC ID	Analyte	H_2	O_2	N_2	CH_4	CO	CO_2
CCV	Spike Conc	9.9	10.3	20.7	10.0	10.0	10.0
	Result	10.1	10.6	22.3	9.7	9.6	9.7
	% Rec *	102.2	102.3	108.1	97.2	96.3	97.1

** Must be 85-115%*

*** Must be 75-125%*

**** Must be < 25%*

ND = Not Detected

<RL = less than Reporting Limit

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Quality Control/Quality Assurance Report

Analysis Date : 08/05/2022
Analyst : MR
Units : ppmv

Instrument ID: GCTCA#2-FID
Calibration Date: 7/18/2022

I - Opening Calibration Verification Standard - Method 25C

Analyte	xRF	DRF	%RPD*
Propane	119363	122966	3.0

II - TNMOC Response Factor - Method 25C

Analyte	xRF	CV RF	CV dp RF	CV tp RF	Average RF	% RPD***
Propane	119363	122966	121192	121776	121978	2.2

III - Method Blank - Method 25C

AAC ID	Analyte	Sample Result
MB	TNMOC	0.00

IV - Laboratory Control Spike & Duplicate - Method 25C

AAC ID	Analyte	Spike Added	LCS	LCSD	LCS % Rec **	LCSD % Rec **	% RPD***
LCS/LCSD	Propane	51.0	50.61	50.86	99.3	99.8	0.5

V - Closing Calibration Verification Standard - Method 25C

Analyte	xCF	dCF	%RPD*
Propane	119363	123397	3.3

xCF - Average Calibration Factor from Initial Calibration Curve
dCF - Daily Calibration Factor
* Must be <15%
** Must be 90-110 %
*** Must be <20%

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report

Date Analyzed : 08/03/2022
Analyst : CM/KM
Units : ppmv

Instrument ID : FID #3
Calb Date : 02/01/22
Reporting Limit : 0.5 ppmv

I - Opening Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	91.7	92.7	92.1	92.8	94.6	95.4
	% Rec *	92.7	93.5	93.3	94.6	96.4	95.7

II - Method Blank - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
MB	Concentration	ND	ND	ND	ND	ND	ND

III - Laboratory Control Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	LCS Result	94.9	96.2	95.0	96.9	98.1	99.9
	LCSD Result	99.5	101.4	100.6	101.7	103.3	104.9
	LCS % Rec *	96.0	97.0	96.2	98.8	100.0	100.2
	LCSD % Rec *	100.7	102.3	102.0	103.6	105.3	105.1
	% RPD ***	4.8	5.3	5.8	4.8	5.2	4.8

IV - Sample & Sample Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220629-29431	Sample	0.0	0.0	0.0	0.0	0.0	0.0
	Sample Dup	0.0	0.0	0.0	0.0	0.0	0.0
	Mean	0.0	0.0	0.0	0.0	0.0	0.0
	% RPD ***	0.0	0.0	0.0	0.0	0.0	0.0

V - Matrix Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220629-29431	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	49.4	49.6	49.4	49.0	49.1	49.9
	MS Result	53.6	54.0	53.4	53.7	55.5	56.2
	MSD Result	45.1	45.5	45.0	45.7	46.7	47.8
	MS % Rec **	108.3	108.9	108.1	109.6	113.1	112.8
	MSD % Rec **	91.2	91.8	91.1	93.3	95.1	95.8
	% RPD ***	17.2	17.0	17.1	16.1	17.3	16.3

VI - Closing Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	89.6	89.8	89.5	90.9	94.4	98.1
	% Rec *	90.6	90.6	90.7	92.7	96.2	98.4

** Must be 85-115%*

*** Must be 75-125%*

**** Must be < 25%*

ND = Not Detected

<RL = less than Reporting Limit

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Atmospheric Analysis & Consulting, Inc

Quality Control/Quality Assurance Report

Date Analyzed : 08/04/2022
Analyst : CM/KM
Units : ppmv

Instrument ID : FID #3
Calb Date : 02/01/22
Reporting Limit : 0.5 ppmv

I - Opening Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	96.0	98.3	96,9	98.1	100.9	103.9
	% Rec *	97.1	99.2	98.2	100.1	102.8	104.2

II - Method Blank - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
MB	Concentration	ND	ND	ND	ND	ND	ND

III - Laboratory Control Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
Lab Control Standards	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	LCS Result	105.1	107.2	106.4	108.5	111.0	114.4
	LCSD Result	106.8	108.6	107.9	108.7	111.0	113.8
	LCS % Rec *	106.3	108.2	107.8	110.7	113.1	114.7
	LCSD % Rec *	108.0	109.5	109.3	110.9	113.1	114.1
	% RPD ***	1.6	1.2	1.4	0.2	0.0	0.5

IV - Sample & Sample Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220629-29431	Sample	0.0	0.0	0.0	0.0	0.0	0.0
	Sample Dup	0.0	0.0	0.0	0.0	0.0	0.0
	Mean	0.0	0.0	0.0	0.0	0.0	0.0
	% RPD ***	0.0	0.0	0.0	0.0	0.0	0.0

V - Matrix Spike & Duplicate - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
220629-29431	Sample Conc	0.0	0.0	0.0	0.0	0.0	0.0
	Spike Conc	49.4	49.6	49.4	49.0	49.1	49.9
	MS Result	41.4	41.8	41.2	41.9	42.7	43.4
	MSD Result	47.1	47.7	46.6	47.5	48.2	48.6
	MS % Rec **	83.7	84.4	83.5	85.5	86.9	87.0
	MSD % Rec **	95.2	96.2	94.4	97.0	98.2	97.5
	% RPD ***	12.8	13.1	12.2	12.5	12.1	11.3

VI - Closing Continuing Calibration Verification - BTU/ASTM D-1945

AAC ID	Analyte	Methane	Ethane	Propane	Butane	Pentane	Hexane
CCV	Spike Conc	98.9	99.1	98.7	98.1	98.1	99.7
	Result	94.4	96.5	96.1	97.1	98.3	99.6
	% Rec *	95.5	97.3	97.4	99.0	100.1	99.9

** Must be 85-115%*

*** Must be 75-125%*

**** Must be < 25%*

ND = Not Detected

<RL = less than Reporting Limit

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

Quality Control/Quality Assurance Report
ASTM D-5504

Date Analyzed: 7/25/2022
Analyst: ZD
Units: ppmV

Instrument ID: SCD-BTU
Calb. Date: 10/21/2021

Opening Calibration Verification Standard

0.520 ppbV H2S (SS1289)

H_2S	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1137	0.518	99.6	0.7
Duplicate	1146	0.522	100.4	0.1
Triplicate	1153	0.525	101.0	0.7

0.527 ppbV H2S (SS1289)

MeSH	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1194	0.542	102.8	0.1
Duplicate	1174	0.533	101.1	1.6
Triplicate	1212	0.550	104.3	1.5

0.522 ppbV H2S (SS1289)

DMS	Resp. (area)	Result	% Rec *	% RPD ****
Initial	1241	0.512	98.1	0.7
Duplicate	1247	0.514	98.5	1.1
Triplicate	1212	0.500	95.7	1.8

Method Blank

Analyte	Result
H_2S	<PQL
MeSH	<PQL
DMS	<PQL

Duplicate Analysis **Sample ID** 220521-28939

Analyte	Sample Result	Duplicate Result	Mean	% RPD ***
H_2S	<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_2S	<PQL	0.260	0.242	0.243	93.1	93.5	0.4
MeSH	<PQL	0.264	0.254	0.255	96.4	96.8	0.4
DMS	<PQL	0.261	0.241	0.258	92.3	98.9	6.8

Closing Calibration Verification Standard

Analyte	Std. Conc.	Result	% Rec **
H_2S	0.520	0.505	97.2
MeSH	0.527	0.515	97.7
DMS	0.522	0.502	96.2

** Must be 95-105%, ** Must be 90-110%, *** Must be < 10%, **** Must be < 5% RPD from Mean result.*

PQL = 50.0 ppbV
MDL = 1.1 ppbV

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com (805) 650-1642

BLUE SKY ENVIRONMENTAL, INC
624 San Gabriel Avenue
Albany, CA 94706
510.525.1261 ph
Contact: *Jeramie Richardson (810) 923-3181*
E.Mail jrichardson@blueskyenvironmental.com

LAB: AAC
ADDRESS: 2225 SPEERY AVENUE
Ventura, CA 93003
ph/fax 805 650 1642, fax -1644
Contact: John Yokoyama
E.Mail jyokoyama@aaclab.com

CHAIN OF CUSTODY RECORD

Project Name: OX MTN LANDFILL

Project #: 221568

SAMPLE Date	SAMPLE Time	Sample ID (Method-Run-Fraction)	CANISTER NUMBER	Type/Size of container	Analysis Requested: ASTM 1945	25C	ASTM 5504	TO-15			FINAL VAC
7/22/22		A-7 LFG1 34002	2461	6L SILCO	X	X	X	X			
7/22/22		A-7 LFG2 34003	2644	6L SILCO	X	X	X	X			
7/22/22		A-7 LFG3 34004	2649	6L SILCO	X	X	X	X			
7/21/22		A-9 LFG1 34005	2800	6L SILCO	X	X	X	X			
7/21/22		A-9 LFG2 34006	2637	6L SILCO	X	X	X	X			
7/21/22		A-9 LFG3 34007	2622	6L SILCO	X	X	X	X			

All samples submitted to laboratories are accepted on a custodial basis only. Ownership of sample remains with the client submitting the sample. Samples should be held for 90+ days. The laboratory reserves the right to return unused sample portions.

COMMENTS:

Email results to blueskyenvironmental.com

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	7-22-22	1600		7/23/22	1054
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Atmospheric Analysis & Consulting, Inc.

CLIENT	: Blue Sky Environmental
PROJECT NAME	: Ox Mtn Landfill
AAC PROJECT NO.	: 221568
REPORT DATE	: 08/05/2022

On July 25, 2022, Atmospheric Analysis & Consulting, Inc. received six (6) 6-Liter Silonite Canisters for Volatile Organic Compounds analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

Client ID	Lab ID	Return Pressure (mmHga)
A-7 LFG1	221568-34002	617.2
A-7 LFG2	221568-34003	587.7
A-7 LFG3	221568-34004	591.5
A-9 LFG1	221568-34005	654.5
A-9 LFG2	221568-34006	634.3
A-9 LFG3	221568-34007	619.7

This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, Ph.D.
Technical Director

This report consists of 12 pages.

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

Laboratory Analysis Report

CLIENT : Blue Sky Environmental
PROJECT NO : 221568
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2022
DATE REPORTED : 08/05/2022
ANALYST : MB/DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	A-7 LFG1			Sample Reporting Limit (SRL)	A-7 LFG2			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	221568-34002				221568-34003				
Date Sampled	07/22/2022				07/22/2022				
Date Analyzed	08/04/2022				08/04/2022				
Can Dilution Factor	1.66				1.74				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Chlorodifluoromethane	77.3		50	41.6	57.5		50	43.6	0.50
Propene	6890		50	83.1	5330		50	87.2	1.00
Dichlorodifluoromethane	69.8		50	41.6	57.5		50	43.6	0.50
Chloromethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Dichlorotetrafluoroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Vinyl Chloride	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Methanol	<SRL	U	50	416	<SRL	U	50	436	5.00
1,3-Butadiene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Bromomethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Chloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Dichlorofluoromethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Ethanol	593		50	166	475		50	174	2.00
Vinyl Bromide	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Acetone	2680		50	166	2180		50	174	2.00
Trichlorofluoromethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
2-Propanol (IPA)	599		50	166	464		50	174	2.00
Acrylonitrile	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00
1,1-Dichloroethene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Methylene Chloride (DCM)	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00
Allyl Chloride	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00
Carbon Disulfide	<SRL	U	50	166	<SRL	U	50	174	2.00
Trichlorotrifluoroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
trans-1,2-Dichloroethene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,1-Dichloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Vinyl Acetate	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00
2-Butanone (MEK)	3110		50	83.1	2400		50	87.2	1.00
cis-1,2-Dichloroethene	64.0		50	41.6	58.4		50	43.6	0.50
Hexane	297		50	41.6	251		50	43.6	0.50
Chloroform	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Ethyl Acetate	89.8		50	41.6	54.9		50	43.6	0.50
Tetrahydrofuran	1090		50	41.6	899		50	43.6	0.50
1,2-Dichloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,1,1-Trichloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Benzene	1240		50	41.6	1160		50	43.6	0.50

Laboratory Analysis Report

CLIENT : Blue Sky Environmental
PROJECT NO : 221568
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2022
DATE REPORTED : 08/05/2022
ANALYST : MB/DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	A-7 LFG1			Sample Reporting Limit (SRL)	A-7 LFG2			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID	221568-34002				221568-34003				
Date Sampled	07/22/2022				07/22/2022				
Date Analyzed	08/04/2022				08/04/2022				
Can Dilution Factor	1.66				1.74				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)	
Carbon Tetrachloride	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Cyclohexane	303		50	41.6	290		50	43.6	0.50
1,2-Dichloropropane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Bromodichloromethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,4-Dioxane	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00
Trichloroethene (TCE)	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
2,2,4-Trimethylpentane	116		50	41.6	103		50	43.6	0.50
Heptane	646		50	41.6	571		50	43.6	0.50
cis-1,3-Dichloropropene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
4-Methyl-2-pentanone (MiBK)	261		50	41.6	241		50	43.6	0.50
trans-1,3-Dichloropropene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,1,2-Trichloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Toluene	3710		50	41.6	3380		50	43.6	0.50
2-Hexanone (MBK)	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00
Dibromochloromethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,2-Dibromoethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Tetrachloroethene (PCE)	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Chlorobenzene	79.8		50	41.6	82.0		50	43.6	0.50
Ethylbenzene	3290		50	41.6	3170		50	43.6	0.50
m & p-Xylene	3810		50	83.1	3750		50	87.2	1.00
Bromoform	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
Styrene	155		50	41.6	160		50	43.6	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
o-Xylene	1420		50	41.6	1400		50	43.6	0.50
4-Ethyltoluene	695		50	41.6	685		50	43.6	0.50
1,3,5-Trimethylbenzene	414		50	41.6	418		50	43.6	0.50
1,2,4-Trimethylbenzene	989		50	41.6	969		50	43.6	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,3-Dichlorobenzene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,4-Dichlorobenzene	525		50	41.6	581		50	43.6	0.50
1,2-Dichlorobenzene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
1,2,4-Trichlorobenzene	<SRL	U	50	83.1	<SRL	U	50	87.2	1.00
Hexachlorobutadiene	<SRL	U	50	41.6	<SRL	U	50	43.6	0.50
BFB-Surrogate Std. % Recovery		98%				103%			70-130%

U - Compound was not detected at or above the SRL.

Laboratory Analysis Report

CLIENT : Blue Sky Environmental
PROJECT NO : 221568
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2022
DATE REPORTED : 08/05/2022
ANALYST : MB/DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	A-7 LFG3			Sample Reporting Limit (SRL) (MRLxDF's)	A-9 LFG1			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	221568-34004				221568-34005				
Date Sampled	07/22/2022				07/21/2022				
Date Analyzed	08/04/2022				08/04/2022				
Can Dilution Factor	1.73				1.56				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	62.3		50	43.3	128		50	39.1	0.50
Propene	5500		50	86.5	6740		50	78.2	1.00
Dichlorodifluoromethane	58.0		50	43.3	70.4		50	39.1	0.50
Chloromethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Dichlorotetrafluoroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Vinyl Chloride	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Methanol	<SRL	U	50	433	1690		50	391	5.00
1,3-Butadiene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Bromomethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Chloroethane	<SRL	U	50	43.3	122		50	39.1	0.50
Dichlorofluoromethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Ethanol	492		50	173	8790		50	156	2.00
Vinyl Bromide	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Acetone	2050		50	173	5180		50	156	2.00
Trichlorofluoromethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
2-Propanol (IPA)	491		50	173	3650		50	156	2.00
Acrylonitrile	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00
1,1-Dichloroethene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Methylene Chloride (DCM)	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00
Allyl Chloride	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00
Carbon Disulfide	<SRL	U	50	173	<SRL	U	50	156	2.00
Trichlorotrifluoroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
trans-1,2-Dichloroethene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
1,1-Dichloroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Vinyl Acetate	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00
2-Butanone (MEK)	2500		50	86.5	6390		50	78.2	1.00
cis-1,2-Dichloroethene	62.3		50	43.3	117		50	39.1	0.50
Hexane	252		50	43.3	311		50	39.1	0.50
Chloroform	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Ethyl Acetate	56.3		50	43.3	857		50	39.1	0.50
Tetrahydrofuran	918		50	43.3	1570		50	39.1	0.50
1,2-Dichloroethane	<SRL	U	50	43.3	125		50	39.1	0.50
1,1,1-Trichloroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Benzene	1160		50	43.3	1100		50	39.1	0.50

Laboratory Analysis Report

CLIENT : Blue Sky Environmental
PROJECT NO : 221568
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2022
DATE REPORTED : 08/05/2022
ANALYST : MB/DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	A-7 LFG3			Sample Reporting Limit (SRL) (MRLxDF's)	A-9 LFG1			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	221568-34004				221568-34005				
Date Sampled	07/22/2022				07/21/2022				
Date Analyzed	08/04/2022				08/04/2022				
Can Dilution Factor	1.73				1.56				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Cyclohexane	294		50	43.3	441		50	39.1	0.50
1,2-Dichloropropane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Bromodichloromethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
1,4-Dioxane	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00
Trichloroethene (TCE)	<SRL	U	50	43.3	79.8		50	39.1	0.50
2,2,4-Trimethylpentane	105		50	43.3	147		50	39.1	0.50
Heptane	608		50	43.3	797		50	39.1	0.50
cis-1,3-Dichloropropene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
4-Methyl-2-pentanone (MiBK)	235		50	43.3	378		50	39.1	0.50
trans-1,3-Dichloropropene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
1,1,2-Trichloroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Toluene	3490		50	43.3	3950		50	39.1	0.50
2-Hexanone (MBK)	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00
Dibromochloromethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
1,2-Dibromoethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Tetrachloroethene (PCE)	<SRL	U	50	43.3	91.5		50	39.1	0.50
Chlorobenzene	94.3		50	43.3	115		50	39.1	0.50
Ethylbenzene	3250		50	43.3	2840		50	39.1	0.50
m & p-Xylene	3950		50	86.5	4090		50	78.2	1.00
Bromoform	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
Styrene	172		50	43.3	336		50	39.1	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
o-Xylene	1450		50	43.3	1500		50	39.1	0.50
4-Ethyltoluene	756		50	43.3	695		50	39.1	0.50
1,3,5-Trimethylbenzene	428		50	43.3	407		50	39.1	0.50
1,2,4-Trimethylbenzene	990		50	43.3	915		50	39.1	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
1,3-Dichlorobenzene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
1,4-Dichlorobenzene	617		50	43.3	578		50	39.1	0.50
1,2-Dichlorobenzene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
1,2,4-Trichlorobenzene	<SRL	U	50	86.5	<SRL	U	50	78.2	1.00
Hexachlorobutadiene	<SRL	U	50	43.3	<SRL	U	50	39.1	0.50
BFB-Surrogate Std. % Recovery		103%				106%			70-130%

U - Compound was not detected at or above the SRL.

Laboratory Analysis Report

CLIENT : Blue Sky Environmental
PROJECT NO : 221568
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2022
DATE REPORTED : 08/05/2022
ANALYST : MB/DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	A-9 LFG2			Sample Reporting Limit (SRL) (MRLxDF's)	A-9 LFG3			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	221568-34006				221568-34007				
Date Sampled	07/21/2022				07/21/2022				
Date Analyzed	08/04/2022				08/04/2022				
Can Dilution Factor	1.62				1.66				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	123		50	40.4	126		50	41.5	0.50
Propene	7010		50	80.8	7290		50	83.0	1.00
Dichlorodifluoromethane	65.5		50	40.4	68.9		50	41.5	0.50
Chloromethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Dichlorotetrafluoroethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Vinyl Chloride	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Methanol	1690		50	404	2740		50	415	5.00
1,3-Butadiene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Bromomethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Chloroethane	111		50	40.4	105		50	41.5	0.50
Dichlorofluoromethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Ethanol	8530		50	162	9190		50	166	2.00
Vinyl Bromide	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Acetone	5130		50	162	5330		50	166	2.00
Trichlorofluoromethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
2-Propanol (IPA)	3530		50	162	3620		50	166	2.00
Acrylonitrile	<SRL	U	50	80.8	<SRL	U	50	83.0	1.00
1,1-Dichloroethene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Methylene Chloride (DCM)	<SRL	U	50	80.8	<SRL	U	50	83.0	1.00
Allyl Chloride	<SRL	U	50	80.8	<SRL	U	50	83.0	1.00
Carbon Disulfide	<SRL	U	50	162	<SRL	U	50	166	2.00
Trichlorotrifluoroethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
trans-1,2-Dichloroethene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
1,1-Dichloroethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Vinyl Acetate	<SRL	U	50	80.8	<SRL	U	50	83.0	1.00
2-Butanone (MEK)	6280		50	80.8	6640		50	83.0	1.00
cis-1,2-Dichloroethene	116		50	40.4	118		50	41.5	0.50
Hexane	305		50	40.4	310		50	41.5	0.50
Chloroform	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Ethyl Acetate	842		50	40.4	868		50	41.5	0.50
Tetrahydrofuran	1530		50	40.4	1570		50	41.5	0.50
1,2-Dichloroethane	122		50	40.4	127		50	41.5	0.50
1,1,1-Trichloroethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Benzene	1090		50	40.4	1110		50	41.5	0.50

Laboratory Analysis Report

CLIENT : Blue Sky Environmental
PROJECT NO : 221568
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 07/25/2022
DATE REPORTED : 08/05/2022
ANALYST : MB/DL

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	A-9 LFG2			Sample Reporting Limit (SRL) (MRLxDF's)	A-9 LFG3			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	221568-34006				221568-34007				
Date Sampled	07/21/2022				07/21/2022				
Date Analyzed	08/04/2022				08/04/2022				
Can Dilution Factor	1.62				1.66				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Cyclohexane	424		50	40.4	438		50	41.5	0.50
1,2-Dichloropropane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Bromodichloromethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
1,4-Dioxane	<SRL	U	50	80.8	<SRL	U	50	83.0	1.00
Trichloroethene (TCE)	82.5		50	40.4	83.0		50	41.5	0.50
2,2,4-Trimethylpentane	147		50	40.4	152		50	41.5	0.50
Heptane	777		50	40.4	820		50	41.5	0.50
cis-1,3-Dichloropropene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
4-Methyl-2-pentanone (MiBK)	375		50	40.4	387		50	41.5	0.50
trans-1,3-Dichloropropene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
1,1,2-Trichloroethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Toluene	3890		50	40.4	4050		50	41.5	0.50
2-Hexanone (MBK)	<SRL	U	50	80.8	<SRL	U	50	83.0	1.00
Dibromochloromethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
1,2-Dibromoethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Tetrachloroethene (PCE)	90.5		50	40.4	90.4		50	41.5	0.50
Chlorobenzene	113		50	40.4	116		50	41.5	0.50
Ethylbenzene	2870		50	40.4	2900		50	41.5	0.50
m & p-Xylene	4160		50	80.8	4120		50	83.0	1.00
Bromoform	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
Styrene	328		50	40.4	342		50	41.5	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
o-Xylene	1520		50	40.4	1520		50	41.5	0.50
4-Ethyltoluene	701		50	40.4	745		50	41.5	0.50
1,3,5-Trimethylbenzene	414		50	40.4	415		50	41.5	0.50
1,2,4-Trimethylbenzene	940		50	40.4	929		50	41.5	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
1,3-Dichlorobenzene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
1,4-Dichlorobenzene	602		50	40.4	611		50	41.5	0.50
1,2-Dichlorobenzene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
1,2,4-Trichlorobenzene	<SRL	U	50	80.8	<SRL	U	50	83.0	1.00
Hexachlorobutadiene	<SRL	U	50	40.4	<SRL	U	50	41.5	0.50
BFB-Surrogate Std. % Recovery		106%				106%			70-130%

U - Compound was not detected at or above the SRL.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 08/04/2022
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02
CALIBRATION STD ID : MS1-070822-02
ANALYST : MB/DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 08/01/2022 Calibration

Analyte Compounds	*Source*[1]	*CCV*[2]	*% Recovery*[3]
4-BFB (surrogate standard)	9.60	9.79	102
Chlorodifluoromethane	10.40	9.69	93
Propene	10.60	10.24	97
Dichlorodifluoromethane	10.40	9.96	96
Dimethyl Ether	10.20	9.94	97
Chloromethane	10.40	9.62	93
Dichlorotetrafluoroethane	10.30	10.58	103
Vinyl Chloride	10.50	10.52	100
Acetaldehyde	21.10	21.85	104
Methanol	18.80	18.06	96
1,3-Butadiene	10.60	10.63	100
Bromomethane	10.40	10.29	99
Chloroethane	10.30	9.28	90
Dichlorofluoromethane	10.20	9.71	95
Ethanol	11.20	11.01	98
Vinyl Bromide	10.10	9.50	94
Acrolein	11.10	10.88	98
Acetone	10.60	9.45	89
Trichlorofluoromethane	10.50	9.44	90
2-Propanol (IPA)	11.00	10.30	94
Acrylonitrile	11.20	10.26	92
1,1-Dichloroethene	10.40	10.11	97
Methylene Chloride (DCM)	10.50	10.30	98
TertButanol (TBA)	11.10	10.18	92
Allyl Chloride	10.20	9.31	91
Carbon Disulfide	10.50	10.38	99
Trichlorotrifluoroethane	10.40	10.02	96
trans-1,2-Dichloroethene	10.60	9.77	92
1,1-Dichloroethane	10.50	9.27	88
Methyl Tert Butyl Ether (MTBE)	10.50	9.51	91
Vinyl Acetate	11.00	9.85	90
2-Butanone (MEK)	10.60	9.44	89
cis-1,2-Dichloroethene	10.50	10.01	95
Hexane	10.70	9.52	89
Chloroform	10.60	9.65	91
Ethyl Acetate	10.60	9.59	90
Tetrahydrofuran	10.20	9.41	92
1,2-Dichloroethane	10.50	9.62	92
1,1,1-Trichloroethane	10.40	9.36	90
Benzene	10.60	10.12	95
Carbon Tetrachloride	10.20	9.04	89
Cyclohexane	10.50	10.05	96

Analyte Compounds (Continued)	*Source*[1]	*CCV*[2]	*% Recovery*[3]
1,2-Dichloropropane	10.50	9.85	94
Bromodichloromethane	10.40	9.82	94
1,4-Dioxane	10.40	10.03	96
Trichloroethene (TCE)	10.40	9.76	94
2,2,4-Trimethylpentane	10.00	9.27	93
Methyl Methacrylate	11.00	10.59	96
Heptane	10.50	9.82	94
cis-1,3-Dichloropropene	10.40	10.17	98
4-Methyl-2-pentanone (MiBK)	10.40	9.73	94
trans-1,3-Dichloropropene	10.50	10.05	96
1,1,2-Trichloroethane	10.50	9.99	95
Toluene	10.60	10.36	98
2-Hexanone (MBK)	10.50	10.77	103
Dibromochloromethane	10.30	10.27	100
1,2-Dibromoethane	10.60	10.25	97
Tetrachloroethene (PCE)	10.40	9.78	94
Chlorobenzene	10.60	10.26	97
Ethylbenzene	10.50	10.25	98
m & p-Xylene	21.00	20.88	99
Bromoform	10.50	11.26	107
Styrene	10.50	10.88	104
1,1,2,2-Tetrachloroethane	10.50	11.34	108
o-Xylene	10.50	10.25	98
1,2,3-Trichloropropane	11.00	10.70	97
Isopropylbenzene (Cumene)	10.30	10.48	102
α-Pinene	10.70	10.80	101
2-Chlorotoluene	10.30	10.55	102
n-Propylbenzene	10.10	10.28	102
4-Ethyltoluene	10.30	11.09	108
1,3,5-Trimethylbenzene	10.30	10.64	103
β-Pinene	11.00	10.45	95
1,2,4-Trimethylbenzene	10.30	10.90	106
Benzyl Chloride (a-Chlorotoluene)	10.40	10.90	105
1,3-Dichlorobenzene	10.40	11.21	108
1,4-Dichlorobenzene	10.30	11.09	108
Sec-ButylBenzene	10.10	10.52	104
1,2-Dichlorobenzene	10.60	11.02	104
n-ButylBenzene	10.20	10.96	107
1,2-Dibromo-3-Chloropropane	10.10	11.29	112
1,2,4-Trichlorobenzene	11.00	12.56	114
Naphthalene	11.50	13.76	120
Hexachlorobutadiene	11.00	11.87	108

[1] Concentration of analyte compound in certified source standard.

[2] Measured result from daily Continuing Calibration Verification (CCV).

[3] The acceptable range for analyte recovery is 100±30%.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 08/04/2022
MATRIX : High Purity N_2
UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-02
CALIBRATION STD ID : MS1-070822-02
ANALYST : MB/DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

System Monitoring Compounds	*Sample Concentration*	*Spike Added*	*LCS[1] Recovery*	*LCSD[1] Recovery*	*LCS[1] % Recovery[2]*	*LCSD[1] % Recovery[2]*	*RPD[3]*
4-BFB (surrogate standard)	0.0	9.60	9.79	9.91	102	103	1.2
1,1-Dichloroethene	0.0	10.40	10.11	10.14	97	98	0.3
Methylene Chloride (DCM)	0.0	10.50	10.30	10.41	98	99	1.1
Benzene	0.0	10.60	10.12	10.01	95	94	1.1
Trichloroethene (TCE)	0.0	10.40	9.76	9.86	94	95	1.0
Toluene	0.0	10.60	10.36	10.41	98	98	0.5
Tetrachloroethene (PCE)	0.0	10.40	9.78	9.71	94	93	0.7
Chlorobenzene	0.0	10.60	10.26	10.66	97	101	3.8
Ethylbenzene	0.0	10.50	10.25	10.65	98	101	3.8
m & p-Xylene	0.0	21.00	20.88	20.87	99	99	0.0
o-Xylene	0.0	10.50	10.25	10.50	98	100	2.4

[1] Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

[2] The acceptable range for analyte recovery is 100±30%.

[3] Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 08/04/2022 | **INSTRUMENT ID : GC/MS-02**

MATRIX : High Purity He or N_2 | **ANALYST : MB/DL**

UNITS : PPB (v/v)

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	*MB 080422*	*Reporting Limit (RL)*
4-BFB (surrogate standard)	89%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
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 080422*	*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	1.0
Hexachlorobutadiene	<RL	0.5

2225 Sperry Ave., Ventura, CA 93003 www.aaclab.com • (805) 650-1642

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 08/04/2022 | **INSTRUMENT ID : GC/MS-02**
MATRIX : Air | **ANALYST : MB/DL**
UNITS : PPB (v/v) | **DILUTION FACTOR[1] : x87.2**

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 221568-34003

Analyte Compounds	*Sample*	*Duplicate*	*RPD[2]*
4-BFB (surrogate standard)	10.3	10.4	1.0
Chlorodifluoromethane	57.5	64.5	11.4
Propene	5330	5770	8.0
Dichlorodifluoromethane	57.5	62.8	8.7
Dimethyl Ether	96.8	117	18.8
Chloromethane	<SRL	<SRL	*NA*
Dichlorotetrafluoroethane	<SRL	<SRL	*NA*
Vinyl Chloride	<SRL	<SRL	*NA*
Acetaldehyde	<SRL	<SRL	*NA*
Methanol	<SRL	<SRL	*NA*
1,3-Butadiene	<SRL	<SRL	*NA*
Bromomethane	<SRL	<SRL	*NA*
Chloroethane	<SRL	<SRL	*NA*
Dichlorofluoromethane	<SRL	<SRL	*NA*
Ethanol	475	533	11.4
Vinyl Bromide	<SRL	<SRL	*NA*
Acrolein	<SRL	<SRL	*NA*
Acetone	2180	2300	5.6
Trichlorofluoromethane	<SRL	<SRL	*NA*
2-Propanol (IPA)	464	530	13.3
Acrylonitrile	<SRL	<SRL	*NA*
1,1-Dichloroethene	<SRL	<SRL	*NA*
Methylene Chloride (DCM)	<SRL	<SRL	*NA*
TertButanol (TBA)	746	778	4.1
Allyl Chloride	<SRL	<SRL	*NA*
Carbon Disulfide	<SRL	<SRL	*NA*
Trichlorotrifluoroethane	<SRL	<SRL	*NA*
trans-1,2-Dichloroethene	<SRL	<SRL	*NA*
1,1-Dichloroethane	<SRL	<SRL	*NA*
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	*NA*
Vinyl Acetate	<SRL	<SRL	*NA*
2-Butanone (MEK)	2400	2620	8.8
cis-1,2-Dichloroethene	58.4	62.8	7.2
Hexane	251	276	9.6
Chloroform	<SRL	<SRL	*NA*
Ethyl Acetate	54.9	59.3	7.6
Tetrahydrofuran	899	964	6.9
1,2-Dichloroethane	<SRL	<SRL	*NA*
1,1,1-Trichloroethane	<SRL	<SRL	*NA*
Benzene	1160	1250	7.2
Carbon Tetrachloride	<SRL	<SRL	*NA*
Cyclohexane	290	305	5.0

Analyte Compounds (Continued)	*Sample*	*Duplicate*	*RPD[2]*
1,2-Dichloropropane	<SRL	<SRL	*NA*
Bromodichloromethane	<SRL	<SRL	*NA*
1,4-Dioxane	<SRL	<SRL	*NA*
Trichloroethene (TCE)	<SRL	<SRL	*NA*
2,2,4-Trimethylpentane	103	108	5.0
Methyl Methacrylate	<SRL	<SRL	*NA*
Heptane	571	629	9.6
cis-1,3-Dichloropropene	<SRL	<SRL	*NA*
4-Methyl-2-pentanone (MiBK)	241	246	2.2
trans-1,3-Dichloropropene	<SRL	<SRL	*NA*
1,1,2-Trichloroethane	<SRL	<SRL	*NA*
Toluene	3380	3620	6.7
2-Hexanone (MBK)	<SRL	<SRL	*NA*
Dibromochloromethane	<SRL	<SRL	*NA*
1,2-Dibromoethane	<SRL	<SRL	*NA*
Tetrachloroethene (PCE)	<SRL	<SRL	*NA*
Chlorobenzene	82.0	93.3	12.9
Ethylbenzene	3170	3310	4.3
m & p-Xylene	3750	4020	7.1
Bromoform	<SRL	<SRL	*NA*
Styrene	160	176	9.9
1,1,2,2-Tetrachloroethane	<SRL	<SRL	*NA*
o-Xylene	1400	1490	6.3
1,2,3-Trichloropropane	<SRL	<SRL	*NA*
Isopropylbenzene (Cumene)	663	705	6.2
α-Pinene	6870	7100	3.2
2-Chlorotoluene	<SRL	<SRL	*NA*
n-Propylbenzene	400	426	6.1
4-Ethyltoluene	685	780	13.0
1,3,5-Trimethylbenzene	418	447	6.9
β-Pinene	800	827	3.3
1,2,4-Trimethylbenzene	969	1010	3.7
Benzyl Chloride (a-Chlorotoluene)	<SRL	<SRL	*NA*
1,3-Dichlorobenzene	<SRL	<SRL	*NA*
1,4-Dichlorobenzene	581	623	7.1
Sec-ButylBenzene	67.1	<SRL	*NA*
1,2-Dichlorobenzene	<SRL	<SRL	*NA*
n-ButylBenzene	<SRL	<SRL	*NA*
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	*NA*
1,2,4-Trichlorobenzene	<SRL	<SRL	*NA*
Naphthalene	332	392	16.4
Hexachlorobutadiene	<SRL	<SRL	*NA*

[1] Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

[2] Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

BLUE SKY ENVIRONMENTAL, INC
624 San Gabriel Avenue
Albany, CA 94706
510.525.1261 ph
Contact: *Jeramie Richardson (810) 923-3181*
E.Mail jrichardson@blueskyenvironmental.com

LAB: AAC
ADDRESS: 2225 SPEERY AVENUE
Ventura, CA 93003
ph/fax 805 650 1642, fax -1644
Contact: John Yokoyama
E.Mail jyokoyama@aaclab.com

CHAIN OF CUSTODY RECORD

Project Name: **OX MTN LANDFILL**

Project #: 221568

SAMPLE Date	SAMPLE Time	Sample ID (Method-Run-Fraction)	CANISTER NUMBER	Type/Size of container	Analysis Requested: ASTM 1945	25C	ASTM 5504	TO-15			FINAL VAC
7/22/22		A-7 LFG1 34002	2461	6L SILCO	X	X	X	X			
7/22/22		A-7 LFG2 34003	2644	6L SILCO	X	X	X	X			
7/22/22		A-7 LFG3 34004	2649	6L SILCO	X	X	X	X			
7/21/22		A-9 LFG1 34005	2800	6L SILCO	X	X	X	X			
7/21/22		A-9 LFG2 34006	2637	6L SILCO	X	X	X	X			
7/21/22		A-9 LFG3 34007	2622	6L SILCO	X	X	X	X			

All samples submitted to laboratories are accepted on a custodial basis only. Ownership of sample remains with the client submitting the sample. Samples should be held for 90+ days. The laboratory reserves the right to return unused sample portions.

COMMENTS:

Email results to bluesky@blueskyenvironmental.com

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	7-22-22	1600		7/25/22	1054
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Ox Mountain Landfill

Flare (A-7)

		O_2	CO_2	NOx	CO	CH_4	VOC	ZERO
DATE	TIME	%	%	PPM	PPM	PPM	PPM	SPAN
7/22/2022	7:42:00	0.08	-0.08	0.05	0.30	1.60	-0.05	
7/22/2022	7:54:02	20.15	12.21	22.79	123.80	441.0	44.96	
7/22/2022	8:00:03	14.45	8.14	12.82	85.40	245.5	25.38	
7/22/2022	8:01:03			12.50				
7/22/2022	8:02:03			10.42				LINEARITY & NO_2 Check
7/22/2022	8:03:03			11.91				
7/22/2022	8:04:03			11.97				
7/22/2022	8:05:04			11.96				
7/22/2022	8:06:04			11.96				
7/22/2022	8:07:04			11.97		146.1	14.87	
7/22/2022	8:12:05	19.99	12.26	0.10	0.00			EXTERNAL BIAS
7/22/2022	8:16:05			12.66				
7/22/2022	8:19:06	0.06	0.01		83.80			

RUN 1		O_2	CO_2	NOx	CO	CH_4	VOC
DATE	TIME	%	%	PPM	PPM	PPM	PPM
7/22/2022	8:29:08	12.84	7.15	14.34	7.60	-0.4	-0.05
7/22/2022	8:30:08	12.83	7.19	13.81	10.30	-0.4	-0.05
7/22/2022	8:31:08	12.72	7.30	14.40	12.40	-0.4	-0.05
7/22/2022	8:32:08	12.40	7.41	14.25	2.80	-0.4	-0.05
7/22/2022	8:33:08	12.47	7.34	14.94	0.70	-0.4	-0.05
7/22/2022	8:34:09	12.29	7.48	14.29	3.70	-0.1	-0.05
7/22/2022	8:35:09	12.81	7.11	14.66	2.20	0.1	-0.05
7/22/2022	8:36:09	12.82	7.08	13.86	4.30	-0.1	-0.06
7/22/2022	8:37:09	12.99	6.83	13.84	3.30	-0.4	-0.05
7/22/2022	8:38:09	13.02	6.83	13.62	5.50	-0.4	-0.05
7/22/2022	8:39:09	13.05	6.78	13.07	11.60	-0.4	-0.05
7/22/2022	8:40:10	12.80	7.14	13.47	5.60	-0.4	-0.05
7/22/2022	8:41:10	13.39	6.63	13.00	3.10	-0.4	-0.05
7/22/2022	8:42:10	13.03	6.81	13.71	1.30	-0.4	-0.06
7/22/2022	8:43:10	13.56	6.29	13.66	3.00	-0.4	0.01
7/22/2022	8:44:10	13.82	6.08	14.64	3.90	-0.4	0.33
7/22/2022	8:45:10	13.66	6.20	13.75	11.00	-0.4	-0.05
7/22/2022	8:46:11	13.62	6.23	14.74	2.50	-0.4	-0.05
7/22/2022	8:47:11	13.70	6.19	13.62	7.70	-0.4	-0.05
7/22/2022	8:48:11	13.59	6.29	14.29	2.30	-0.4	-0.05
7/22/2022	8:49:11	13.52	6.41	14.77	1.60	-0.4	-0.05
PORT CHANGE							
7/22/2022	8:56:12	13.86	6.07	15.39	6.00	-0.3	-0.05
7/22/2022	8:57:13	13.83	6.06	15.06	7.10	-0.4	-0.05
7/22/2022	8:58:13	13.86	6.01	14.76	8.40	-0.5	-0.05
7/22/2022	8:59:13	13.95	5.98	14.56	9.50	-0.4	-0.05
7/22/2022	9:00:13	14.28	5.64	14.78	13.00	-0.4	-0.05
7/22/2022	9:01:13	13.79	6.10	13.39	4.60	-0.4	-0.05
7/22/2022	9:02:13	13.73	6.18	15.14	6.40	-0.4	-0.05
7/22/2022	9:03:14	13.81	6.11	14.62	3.20	-0.4	-0.05
7/22/2022	9:04:14	13.70	6.20	14.65	2.80	-0.4	-0.05
7/22/2022	9:05:14	13.71	6.21	14.97	2.00	-0.4	-0.05
7/22/2022	9:06:14	13.62	6.29	15.14	2.80	-0.4	-0.05
7/22/2022	9:07:14	13.99	5.97	14.46	5.40	-0.3	-0.06
7/22/2022	9:08:14	14.11	5.82	12.88	29.00	-0.4	-0.06
7/22/2022	9:09:15	14.12	5.82	12.90	31.00	-0.4	-0.05
7/22/2022	9:10:15	14.09	5.86	13.09	28.10	-0.4	-0.05
7/22/2022	9:11:15	14.23	5.71	12.60	41.40	-0.2	-0.05
7/22/2022	9:12:15	14.22	5.78	13.26	36.90	0.1	-0.05
7/22/2022	9:13:15	14.24	5.73	13.24	24.40	0.1	-0.05
7/22/2022	9:14:16	14.05	5.89	13.73	15.30	-0.4	-0.05
7/22/2022	9:15:16	14.01	5.97	14.00	11.80	-0.4	-0.05
7/22/2022	9:16:16	14.10	5.93	14.13	11.20	-0.4	-0.06
AVERAGE		**13.53**	**6.38**	**14.08**	**9.68**	**-0.3**	**-0.04**

7/22/2022	9:22:17	19.94	12.28	0.35	-0.30	-0.40	-0.05
7/22/2022	9:26:18	0.06	0.03	12.82			
7/22/2022	9:30:18				84.00		
7/22/2022	9:34:19					146.4	14.35

RUN 2	O_2	CO_2	NOx	CO	CH_4	VOC
TIME	%	%	PPM	PPM	PPM	PPM
10:05:24	13.39	6.48	13.92	10.90	-0.4	-0.03
10:06:25	13.21	6.63	14.48	4.00	-0.4	-0.01
10:07:25	13.26	6.54	14.54	4.40	-0.4	-0.05
10:08:25	13.14	6.70	14.61	1.80	-0.4	-0.06
10:09:25	14.10	5.84	13.71	4.30	-0.4	-0.05
10:10:25	13.41	6.50	12.80	1.70	-0.4	-0.05
10:11:25	13.64	6.23	13.41	21.60	-0.4	-0.05
10:12:26	13.64	6.23	13.61	18.70	-0.3	-0.06
10:13:26	13.72	6.20	13.66	12.90	-0.3	-0.05
10:14:26	13.39	6.45	13.34	9.20	-0.4	-0.05
10:15:26	13.49	6.43	13.15	0.70	-0.4	-0.05
10:16:26	13.05	6.88	13.40	0.40	-0.4	-0.06
10:17:26	12.95	6.91	13.25	0.00	-0.4	-0.06
10:18:27	12.94	6.93	13.66	-0.10	-0.4	-0.05
10:19:27	12.88	6.93	13.38	0.00	-0.4	-0.05
10:20:27	13.01	6.86	13.08	0.10	-0.3	-0.04
10:21:27	13.35	6.62	13.85	0.60	-0.4	-0.05
10:22:27	13.26	6.73	16.81	2.10	-0.4	-0.05
10:23:28	13.14	6.91	17.31	1.50	-0.4	-0.05
10:24:28	13.47	6.60	14.25	86.40	0.3	-0.05
10:25:28	12.77	7.23	18.61	11.90	3.4	-0.05
PORT CHANGE						
10:32:29	14.44	5.47	12.71	28.40	0.2	0.78
10:33:29	14.40	5.53	13.52	38.70	-0.4	0.22
10:34:29	14.39	5.50	13.06	39.70	-0.4	-0.05
10:35:30	14.46	5.47	12.24	23.70	-0.2	-0.05
10:36:30	14.22	5.66	13.85	24.90	0.6	-0.05
10:37:30	14.25	5.65	13.53	22.30	-0.4	-0.05
10:38:30	14.09	5.76	13.29	37.10	2.2	-0.05
10:39:30	14.31	5.63	13.36	38.70	0.2	-0.05
10:40:30	14.14	5.77	13.21	41.60	0.0	-0.05
10:41:31	13.77	6.13	13.69	21.70	-0.2	-0.05
10:42:31	13.74	6.15	14.83	2.50	-0.4	-0.05
10:43:31	13.85	6.02	13.89	9.90	-0.4	-0.05
10:44:31	13.57	6.31	15.09	4.20	-0.5	-0.05
10:45:31	13.52	6.29	15.21	0.70	-0.4	-0.05
10:46:32	13.82	6.08	15.27	1.70	-0.4	-0.05
10:47:32	13.76	6.09	14.31	5.50	-0.4	-0.05
10:48:32	13.57	6.28	13.86	0.90	-0.4	-0.05
10:49:32	13.56	6.29	13.31	0.20	-0.4	-0.05
10:50:32	14.12	5.79	13.00	0.90	-0.4	-0.05
10:51:32	14.62	5.34	12.91	3.70	-0.4	-0.05
10:52:33	14.14	5.78	12.84	10.00	-0.3	-0.04
AVERAGE	**13.67**	**6.23**	**13.95**	**13.10**	**-0.2**	**-0.02**

10:55:33	19.92	12.11	0.23	-0.40	-0.40	-0.05
11:01:34	0.21	0.02	12.82			
11:05:35				83.50		
11:11:36					144.2	14.37

RUN 3	O_2	CO_2	NOx	CO	CH_4	VOC
TIME	%	%	PPM	PPM	PPM	PPM
11:15:37	12.78	6.92	14.44	0.40	0.6	-0.05
11:16:37	12.69	6.96	15.85	0.30	0.6	-0.05
11:17:37	12.76	6.82	15.43	0.70	0.0	-0.05
11:18:37	13.03	6.62	14.61	0.60	-0.4	-0.05
11:19:37	13.11	6.60	14.62	2.20	-0.4	-0.05
11:20:37	13.27	6.43	14.61	4.60	-0.4	-0.05
11:21:38	13.22	6.48	14.60	6.60	0.0	-0.05
11:22:38	13.38	6.32	14.28	9.60	-0.2	-0.05
11:23:38	13.94	5.91	13.83	10.00	-0.4	-0.05
11:24:38	14.00	5.81	13.18	14.20	-0.3	-0.05
11:25:38	13.93	5.91	13.77	4.90	-0.3	-0.05
11:26:38	13.90	5.88	13.43	16.50	-0.4	-0.05
11:27:39	13.51	6.27	14.33	4.40	-0.4	-0.05
11:28:39	13.35	6.38	14.05	0.50	-0.4	-0.05
11:29:39	13.55	6.27	14.09	0.20	-0.4	-0.05
11:30:39	13.70	6.07	12.74	2.10	-0.4	-0.05
11:31:39	13.56	6.20	13.83	3.70	-0.4	-0.05
11:32:40	13.15	6.60	15.37	6.20	-0.4	-0.05
11:33:40	13.22	6.57	17.55	0.40	-0.4	-0.05
11:34:40	13.20	6.56	17.36	0.90	-0.4	-0.04
11:35:40	13.34	6.44	17.16	1.40	-0.4	-0.06
PORT CHANGE						
11:43:41	14.88	5.05	13.94	12.80	-0.4	0.30
11:44:42	14.42	5.42	13.71	14.50	-0.3	-0.03
11:45:42	14.41	5.44	14.39	7.80	-0.4	-0.05
11:46:42	14.48	5.39	14.72	6.60	-0.4	-0.05
11:47:42	14.39	5.49	13.98	12.30	-0.4	-0.06
11:48:42	14.32	5.54	14.63	3.50	-0.5	-0.05
11:49:42	13.90	5.90	15.61	3.30	-0.4	-0.06
11:50:43	14.15	5.68	16.12	1.70	-0.4	-0.06
11:51:43	14.17	5.64	14.59	3.30	-0.3	-0.06
11:52:43	14.20	5.65	14.02	4.70	-0.4	-0.05
11:53:43	14.02	5.78	14.30	7.30	-0.5	-0.05
11:54:43	14.10	5.71	13.88	2.50	-0.3	-0.05
11:55:44	14.08	5.77	13.56	3.10	-0.4	-0.05
11:56:44	14.40	5.49	13.64	15.70	-0.1	-0.05
11:57:44	14.39	5.50	13.47	25.00	0.4	-0.05
11:58:44	14.14	5.69	13.19	15.30	-0.4	-0.05
11:59:44	13.89	5.92	13.52	2.30	-0.4	-0.05
12:00:44	13.83	5.96	13.65	0.60	-0.4	-0.05
12:01:45	13.70	6.10	14.12	0.20	-0.5	-0.05
12:02:45	13.52	6.26	13.93	0.00	-0.4	-0.06
12:03:45	13.22	6.58	15.09	-0.10	-0.4	-0.05
AVERAGE	**13.74**	**6.05**	**14.46**	**5.54**	**-0.3**	**-0.04**

12:08:46	19.94	12.08	0.29	-0.20	-0.40	-0.05
12:14:47	0.19	0.03	12.88			
12:17:47				83.90		
12:20:48					144.3	14.57

BLUE SKY ENVIRONMENTAL,INC

Method 4 Sampling Data Sheet

Facility:	Ox Mint	Meter #:	CM 2010 - 8	Pbar:	30.0
Location:	A7	Yd:	0.9980	% O_2:	—
Date:	1-22-22	Pyrometer #:	05000093	% CO_2:	—
Personnel:	[illegible]		TCM 4-5	% H_2O:	—

500.2/500 TARE

Point	Time	Meter Vol, Ft³	Temperature, °F Meter In	Temperature, °F Imp.	Vacuum, "Hg	Meter ΔH
8	829	123.722	53	38	5	1.7
7	5	127.13	54	40	5	1.7
6	10	130.5	54	40	5	1.7
5	15	134.0	54	40	5	1.7
PC	20	137.527	—	—	—	—
4	856	137.527	54	38	5	1.7
3	5	140.98	54	39	5	1.7
2	10	144.44	55	40	5	1.7
1	15	147.95	55	40	5	1.7
END	20	151.464	—	—	—	—
TOTAL/AVG		27.742	54.1			

Initial Leak Check >0.003 CFM 12 "Hg
Final Leak Check >0.003 CFM 7 "Hg

	Initial	Final	Net
Impinger #1:	641.5	689.5	4.8
Impinger #2:	689.5	693.0	3.5
Impinger #3:	578.5	581.5	3
Silica Gel:	868.0	876.5	8.5
Total Net:			63
% Moisture			—

Point	Time	~~Meter Vol~~ 154.832 ~~154.832~~ ~~152.167~~	Temperature, °F Meter In	Temperature, °F Imp.	Vacuum, "Hg	Meter ΔH
8	1005	~~154.653~~	57	36	5	1.7
7	5	158.26	58	38	5	1.7
6	10	161.61	58	39	5	1.7
5	15	164.9	59	40	5	1.7
PC	20	168.715	—	—	—	—
~~3~~	1032					
4	8	168.715	59	39	5	1.7
3	5	172.16	60	41	5	1.7
2	10	175.61	60	41	5	1.7
1	15	179.2	61	42	5	1.7
END	20	182.858	—	—	—	—
TOTAL/AVG		28.026	59.0			

Initial Leak Check >0.003 CFM 15 "Hg
Final Leak Check >0.003 CFM 10 "Hg

	Initial	Final	Net
Impinger #1:	689.5	741.0	51.5
Impinger #2:	693.0	691.0	-2
Impinger #3:	581.5	580.0	-1.5
Silica Gel:	876.5	880.5	4
Total Net:			52
% Moisture			—

Point	Time	Meter Vol, Ft³	Temperature, °F Meter In	Temperature, °F Imp.	Vacuum, "Hg	Meter ΔH
8	1115	183.148	63	35	5	1.7
7	5	186.71	63	40	5	1.7
6	10	190.28	64	41	5	1.7
5	15	193.86	64	42	5	1.7
PC	20	197.487	-	-	-	-
4	1143	197.487	65	39	5	1.7
3	5	201.06	66	42	5	1.7
2	10	204.6	66	43	5	1.7
1	15	208.02	67	44	5	1.7
END	20	211.694	-	-	-	-
TOTAL/AVG		28.546	64.8			

Initial Leak Check >0.003 CFM 15 "Hg
Final Leak Check >0.003 CFM 10 "Hg

	Initial	Final	Net
Impinger #1:	741.0	785.5	44.5
Impinger #2:	691.0	690.0	-1
Impinger #3:	580.0	580.5	.5
Silica Gel:	880.5	886.5	5
Total Net:			49
% Moisture			—

Vw std = 0.00267*Vw*(Tstd+460)/29.92

Vm std = Vm*Yd*(Tstd+460)*(Pb+(ΔH/13.6))/(Tm+460)/29

Stack Moisture H_2O % = 100*Vw std/(Vw std+Vm std)

Ox Mountain Landfill

Flare (A-9)

		O_2	CO_2	NOx	CO	CH_4	VOC	ZERO
DATE	TIME	%	%	PPM	PPM	PPM	PPM	SPAN
7/21/2022	7:39:42	0.02	0.00	0.03	0.50	3.00	-0.12	
7/21/2022	7:49:44	20.10	12.40	22.71	124.40	442.7	43.75	
7/21/2022	7:58:45	14.56	8.22	12.69	85.30	244.3	24.78	
7/21/2022	7:59:45			12.13				
7/21/2022	8:00:46			11.78				
7/21/2022	8:01:46			11.95				LINEARITY & NO_2 Check
7/21/2022	8:02:46			11.96				
7/21/2022	8:03:46			11.97				
7/21/2022	8:04:46			11.94				
7/21/2022	8:05:46			11.95				
7/21/2022	8:06:47			11.98		153.6	14.78	
7/21/2022	8:15:48	20.10	12.31	0.08	0.20	0.10	-0.05	
7/21/2022	8:19:49	0.01	0.02	12.62				
7/21/2022	8:24:50				85.30			

RUN 1		O_2	CO_2	NOx	CO	CH_4	VOC
DATE	TIME	%	%	PPM	PPM	PPM	PPM
7/21/2022	9:14:58	16.59	3.80	6.33	39.40	31.6	0.27
7/21/2022	9:15:59	16.54	3.87	6.41	37.40	34.0	0.40
7/21/2022	9:16:59	16.26	4.10	6.94	38.30	30.1	0.55
7/21/2022	9:17:59	16.18	4.18	7.33	39.70	28.1	0.15
7/21/2022	9:18:59	16.09	4.27	7.47	39.20	27.0	0.26
7/21/2022	9:19:59	15.96	4.38	7.79	45.90	25.5	0.23
7/21/2022	9:20:59	16.11	4.24	7.26	48.70	31.6	0.20
7/21/2022	9:22:00	16.17	4.22	7.07	48.80	39.0	0.38
7/21/2022	9:23:00	16.21	4.18	7.67	47.10	36.6	0.59
7/21/2022	9:24:00	16.07	4.27	8.91	47.50	39.1	0.57
7/21/2022	9:25:00	15.80	4.54	9.88	48.00	30.0	0.57
7/21/2022	9:26:00	15.66	4.63	11.17	48.00	30.6	0.35
7/21/2022	9:27:00	16.12	4.24	10.85	47.40	32.6	0.45
7/21/2022	9:28:01	15.98	4.38	10.31	48.10	34.2	0.55
7/21/2022	9:29:01	15.98	4.38	10.49	48.30	33.7	0.52
7/21/2022	9:30:01	15.45	4.84	11.01	51.90	29.9	0.40
7/21/2022	9:31:01	15.63	4.69	11.20	59.10	27.7	0.13
7/21/2022	9:32:01	15.51	4.81	11.46	59.00	37.6	0.17
7/21/2022	9:33:02	15.54	4.74	11.52	57.80	28.2	0.32
7/21/2022	9:34:02	15.48	4.84	11.72	57.70	43.7	0.15
7/21/2022	9:35:02	15.66	4.69	11.37	63.50	47.2	0.51
PORT CHANGE							
7/21/2022	9:43:03	13.72	6.42	14.39	27.40	14.1	0.12
7/21/2022	9:44:03	13.74	6.39	15.43	17.50	2.6	0.28
7/21/2022	9:45:04	13.51	6.63	16.65	13.10	1.7	0.02
7/21/2022	9:46:04	13.34	6.78	17.77	12.70	1.2	0.33
7/21/2022	9:47:04	13.81	6.38	17.58	13.00	2.4	-0.06
7/21/2022	9:48:04	13.81	6.33	16.81	15.40	2.0	-0.05
7/21/2022	9:49:04	13.62	6.46	17.44	14.30	1.9	-0.05
7/21/2022	9:50:04	13.78	6.34	17.86	14.10	2.6	-0.06
7/21/2022	9:51:05	13.79	6.29	17.11	17.40	2.9	-0.05
7/21/2022	9:52:05	13.62	6.47	17.79	14.90	3.9	-0.05
7/21/2022	9:53:05	13.58	6.47	18.07	14.50	5.0	-0.05
7/21/2022	9:54:05	13.61	6.51	18.23	13.80	4.1	-0.05
7/21/2022	9:55:05	13.68	6.40	17.88	15.60	3.2	-0.06
7/21/2022	9:56:06	13.68	6.43	17.36	16.20	5.2	-0.06
7/21/2022	9:57:06	15.21	5.06	15.12	45.30	16.8	-0.05
7/21/2022	9:58:06	15.16	5.09	11.90	70.80	36.2	-0.05
7/21/2022	9:59:06	15.24	5.02	11.79	70.80	42.4	0.57
7/21/2022	10:00:06	15.25	5.01	11.69	75.50	40.0	0.50
7/21/2022	10:01:06	15.03	5.22	12.11	67.30	39.1	0.52
7/21/2022	10:02:07	14.98	5.27	12.54	63.60	32.4	0.38
7/21/2022	10:03:07	15.03	5.24	12.48	65.10	28.1	0.16
AVERAGE		**15.05**	**5.20**	**12.43**	**40.45**	**23.5**	**0.24**
7/21/2022	10:16:09	20.15	12.55	0.70	0.20	-0.40	-0.06
7/21/2022	10:22:10	0.03	0.03	12.97			
7/21/2022	10:26:11				85.30		
7/21/2022	10:30:11					152.8	15.41

RUN 2	O_2	CO_2	NOx	CO	CH_4	VOC
TIME	%	%	PPM	PPM	PPM	PPM
10:38:13	13.87	6.16	15.75	22.20	4.8	-0.04
10:39:13	13.95	6.08	15.91	19.70	5.8	-0.05
10:40:13	13.72	6.30	16.05	19.10	4.5	-0.05
10:41:13	13.61	6.41	16.87	16.80	3.8	-0.05
10:42:14	13.68	6.35	16.85	18.00	4.3	-0.05
10:43:14	13.75	6.31	16.95	17.30	4.4	-0.05
10:44:14	13.96	6.10	16.82	22.60	7.8	-0.05
10:45:14	14.33	5.81	15.08	38.70	13.4	-0.05
10:46:14	14.10	5.97	14.88	43.70	11.6	-0.05
10:47:14	14.30	5.80	14.89	43.60	15.0	-0.05
10:48:15	14.32	5.80	14.38	47.80	20.9	-0.05
10:49:15	14.19	5.91	14.81	42.60	15.2	-0.05
10:50:15	14.34	5.81	14.64	41.80	11.3	-0.05
10:51:15	14.56	5.56	14.04	48.60	13.6	-0.05
10:52:15	14.56	5.58	13.94	45.90	17.0	-0.06
10:53:15	14.63	5.52	13.68	50.20	19.3	-0.04
10:54:16	14.72	5.43	13.37	51.70	24.5	0.06
10:55:16	14.73	5.43	13.30	50.20	28.7	0.06
10:56:16	14.85	5.33	13.07	55.00	28.7	-0.03
10:57:16	14.85	5.33	12.90	59.70	37.2	0.10
10:58:16	14.84	5.35	12.89	60.60	40.2	0.46
PORT CHANGE						
11:05:18	15.98	4.33	10.34	43.70	33.9	0.97
11:06:18	15.86	4.42	10.72	46.20	31.1	0.20
11:07:18	15.91	4.39	10.89	49.10	28.7	0.01
11:08:18	15.98	4.30	10.88	46.40	27.4	0.13
11:09:18	16.05	4.26	10.65	47.50	37.3	0.03
11:10:18	16.15	4.18	10.57	46.20	39.1	0.55
11:11:19	16.20	4.13	10.32	49.00	40.9	0.46
11:12:19	16.14	4.14	10.29	91.20	71.2	0.57
11:13:19	15.84	4.43	10.69	111.90	107.8	1.72
11:14:19	15.74	4.52	11.22	107.40	96.5	2.07
11:15:19	15.74	4.55	11.52	101.50	52.5	1.46
11:16:19	15.75	4.49	10.88	113.40	71.2	1.15
11:17:20	15.40	4.80	11.47	118.90	126.8	1.91
11:18:20	15.35	4.86	11.48	105.00	100.6	2.98
11:19:20	15.46	4.76	11.48	100.40	109.3	3.67
11:20:20	15.39	4.82	11.21	80.10	96.3	4.81
11:21:20	15.36	4.85	11.67	72.80	93.8	3.25
11:22:20	15.42	4.80	11.74	75.50	47.3	0.99
11:23:21	15.77	4.49	11.36	70.50	48.5	0.59
11:24:21	15.77	4.50	11.08	63.30	49.4	0.60
11:25:21	15.82	4.48	10.97	62.30	51.5	0.63
AVERAGE	**15.02**	**5.16**	**12.92**	**57.57**	**40.3**	**0.68**
11:31:22	20.10	12.52	0.53	0.20	-0.40	-0.05
11:33:22	0.08	0.08	12.77			
11:36:23				85.00		
11:41:24					153.3	15.12

RUN 3	O_2	CO_2	NOx	CO	CH_4	VOC
TIME	%	%	PPM	PPM	PPM	PPM
11:55:26	16.18	4.13	9.24	44.20	30.5	0.31
11:56:26	16.17	4.11	9.66	44.30	28.0	0.26
11:57:27	16.13	4.20	9.76	42.20	29.5	0.19
11:58:27	16.05	4.23	10.08	47.70	26.2	0.22
11:59:27	16.16	4.13	10.08	45.70	29.4	0.18
12:00:27	16.17	4.14	10.06	45.70	29.2	0.28
12:01:27	16.10	4.22	10.45	45.10	31.3	0.14
12:02:27	16.13	4.21	10.48	45.60	31.5	0.15
12:03:28	15.82	4.46	10.76	43.10	28.2	0.32
12:04:28	15.18	5.03	11.85	51.80	25.3	0.03
12:05:28	15.03	5.15	12.55	54.10	25.8	0.08
12:06:28	15.15	5.12	12.68	52.60	25.8	0.03
12:07:28	15.17	5.07	12.48	55.00	24.8	-0.05
12:08:28	15.19	5.08	12.45	53.90	26.0	-0.05
12:09:29	15.25	4.97	12.12	58.40	26.7	-0.01
12:10:29	15.23	5.02	12.29	54.50	25.3	0.07
12:11:29	15.34	4.91	11.97	60.00	27.9	-0.04
12:12:29	15.27	4.98	11.90	58.30	30.6	0.15
12:13:29	15.80	4.55	11.57	60.60	32.4	0.24
12:14:30	15.71	4.57	11.03	62.10	33.5	0.33
12:15:30	15.96	4.41	11.03	62.50	34.4	0.39
PORT CHANGE						
12:22:31	14.22	5.92	15.75	38.40	12.9	-0.05
12:23:31	14.31	5.80	15.99	35.10	11.9	0.04
12:24:31	14.12	5.94	15.88	31.80	11.4	-0.04
12:25:31	14.20	5.89	16.23	32.90	14.0	-0.05
12:26:32	14.19	5.91	16.02	32.90	14.9	-0.05
12:27:32	14.15	5.93	16.55	30.70	11.4	-0.05
12:28:32	14.21	5.92	16.44	30.10	8.1	-0.05
12:29:32	14.17	5.94	16.10	29.90	8.1	-0.05
12:30:32	14.15	5.97	16.41	33.10	12.8	-0.05
12:31:33	14.88	5.35	15.20	43.90	11.1	-0.06
12:32:33	15.04	5.21	13.56	57.30	19.2	-0.05
12:33:33	15.30	4.93	12.59	70.50	38.5	-0.05
12:34:33	15.27	4.99	12.22	80.70	47.9	0.57
12:35:33	15.38	4.90	12.35	73.60	48.2	0.61
12:36:33	15.16	5.06	12.56	75.40	49.6	0.66
12:37:34	14.88	5.30	12.81	62.10	44.7	0.68
12:38:34	14.60	5.59	12.58	45.90	22.0	0.34
12:39:34	14.70	5.51	12.58	44.40	19.5	-0.04
12:40:34	14.65	5.54	12.43	46.40	22.9	-0.05
12:41:34	14.79	5.42	12.33	47.40	19.5	-0.05
12:42:34	14.64	5.54	12.38	42.40	17.5	-0.05
AVERAGE	**15.15**	**5.08**	**12.70**	**49.34**	**25.4**	**0.13**
12:48:35	20.15	12.37	0.61	0.60	0.00	-0.05
12:51:36	0.18	0.06	12.81			
12:54:37				86.10		
12:58:37					153.0	14.98

BLUE SKY ENVIRONMENTAL,INC

Method 4 Sampling Data Sheet

Facility: Ox Mnt
Location: A9
Date: 1-21-22
Personnel: T/E

Meter #: CM-2010-8
Yd: 0.9980
Pyrometer #: 05000093
JCM4-5

Pbar: 30.0
% O_2: —
% CO_2: —
% H_2O: —

500.2/500 TARG

Point	Time	Meter Vol, Ft³	Temperature, °F Meter In	Temperature, °F Imp.	Vacuum, "Hg	Meter ΔH
8	915	034.814	50	44	5	1.7
7	5	039.41	51	44	5	1.7
6	10	043.83	51	43	5	1.7
5	15	046.6	52	42	5	1.7
PC	20	050.299	—	—	—	—
4	943	050.299	53	41	5	1.7
3	5	053.8	53	41	5	1.7
2	10	057.38	53	42	5	1.7
1	15	060.99	53	42	5	1.7
END	20	064.648	—	—	—	—
TOTAL/AVG		29.769	52			

Initial Leak Check >0.003 CFM 10 "Hg
Final Leak Check 0.003 CFM 6 "Hg

	Initial	Final	Net
Impinger #1:	658.0	694.0	36
Impinger #2:	694.5	692.5	-2
Impinger #3:	582.0	580.5	-1.5
Silica Gel:	855.0	862.0	7
Total Net:			39.5
% Moisture			—

Point	Time	Meter Vol, 64.954	Temperature, °F Meter In	Temperature, °F Imp.	Vacuum, "Hg	Meter ΔH
8	1036	64.954	54	41	5	1.7
7	5	68.4	54	41	5	1.7
6	10	71.88	54	42	5	1.7
5	15	75.37	55	42	5	1.7
PC	20	78.959	—	—	—	—
4	1105	78.959	55	37	5	1.7
3	5	82.4	55	39	5	1.7
2	10	85.90	55	40	5	1.7
1	15	89.38	56	40	5	1.7
END	20	92.877	—	—	—	—
TOTAL/AVG		27.923	54.8			

Initial Leak Check 0.003 CFM 12 "Hg
Final Leak Check 0.003 CFM 6 "Hg

	Initial	Final	Net
Impinger #1:	694.0	729.0	35
Impinger #2:	692.5	690.5	-2
Impinger #3:	580.5	579.5	-1
Silica Gel:	862.0	866.0	4
Total Net:			36
% Moisture			—

Point	Time	Meter Vol, Ft³	Temperature, °F Meter In	Temperature, °F Imp.	Vacuum, "Hg	Meter ΔH
8	1155	93.385	58	29	5	1.7
7	5	96.98	58	35	5	1.7
6	10	100.5	58	42	5	1.7
5	15	104.1	59	41	5	1.7
PC	20	107.835	—	—	—	—
4	1222	107.835	60	44	5	1.7
3	5	111.34	60	46	5	1.7
2	10	114.88	61	46	5	1.7
1	15	118.3	61	47	5	1.7
END	20	122.039	—	—	—	—
TOTAL/AVG		28.654	59.4			

Initial Leak Check 0.003 CFM 12 "Hg
Final Leak Check 0.003 CFM 6 "Hg

	Initial	Final	Net
Impinger #1:	729.0	767.0	38
Impinger #2:	690.5	689.5	-1
Impinger #3:	579.5	578.5	-1
Silica Gel:	866.0	868.0	2
Total Net:			38
% Moisture			—

Vw std = 0.00267*Vw*(Tstd+460)/29.92

Vm std = Vm*Yd*(Tstd+460)*(Pb+(ΔH/13.6))/(Tm+

Stack Moisture H_2O % = 100*Vw std/(Vw std+Vm std

Ox Mountain Landfill
Half-Moon Bay, CA
A-7

		CH02		CH05	
		1		1	
		SCFM		Deg. F	
Date	Time	MIN	MAX	MIN	MAX
		Run #1			
2022/07/22	08:30:00	1,290	1,349	1,505	1,520
2022/07/22	08:32:00	1,274	1,349	1,513	1,523
2022/07/22	08:34:00	1,288	1,378	1,515	1,550
2022/07/22	08:36:00	1,339	1,386	1,547	1,560
2022/07/22	08:38:00	1,323	1,380	1,531	1,549
2022/07/22	08:40:00	1,336	1,380	1,518	1,537
2022/07/22	08:42:00	1,333	1,372	1,498	1,518
2022/07/22	08:44:00	1,325	1,370	1,481	1,499
2022/07/22	08:46:00	1,325	1,369	1,477	1,485
2022/07/22	08:48:00	1,316	1,379	1,481	1,526
2022/07/22	08:50:00	1,333	1,385	1,516	1,528
2022/07/22	08:52:00	1,318	1,369	1,497	1,516
2022/07/22	08:54:00	1,290	1,372	1,477	1,497
2022/07/22	08:56:00	1,317	1,361	1,479	1,497
2022/07/22	08:58:00	1,303	1,365	1,489	1,502
2022/07/22	09:00:00	1,306	1,358	1,486	1,506
2022/07/22	09:02:00	1,302	1,354	1,483	1,500
2022/07/22	09:04:00	1,309	1,357	1,485	1,504
2022/07/22	09:06:00	1,299	1,358	1,487	1,511
2022/07/22	09:08:00	1,306	1,363	1,482	1,502
2022/07/22	09:10:00	1,321	1,367	1,502	1,518
2022/07/22	09:12:00	1,311	1,364	1,502	1,518
2022/07/22	09:14:00	1,296	1,358	1,499	1,514
2022/07/22	09:16:00	1,310	1,368	1,499	1,507
Average		**1,339**		**1,507**	
		Run #2			
2022/07/22	10:06:00	1,288	1,370	1,488	1,507
2022/07/22	10:08:00	1,266	1,381	1,485	1,510
2022/07/22	10:10:00	1,334	1,387	1,499	1,512
2022/07/22	10:12:00	1,322	1,381	1,493	1,506
2022/07/22	10:14:00	1,326	1,374	1,494	1,504
2022/07/22	10:16:00	1,299	1,360	1,491	1,503
2022/07/22	10:18:00	1,295	1,392	1,483	1,515
2022/07/22	10:20:00	1,321	1,390	1,493	1,514
2022/07/22	10:22:00	1,302	1,370	1,491	1,502
2022/07/22	10:24:00	1,320	1,381	1,494	1,512
2022/07/22	10:26:00	1,324	1,390	1,505	1,518
2022/07/22	10:28:00	1,334	1,385	1,488	1,506
2022/07/22	10:30:00	1,323	1,379	1,486	1,491
2022/07/22	10:32:00	1,316	1,362	1,488	1,494
2022/07/22	10:34:00	1,317	1,372	1,491	1,502
2022/07/22	10:36:00	1,310	1,365	1,492	1,506
2022/07/22	10:38:00	1,304	1,369	1,491	1,500
2022/07/22	10:40:00	1,321	1,374	1,448	1,514
2022/07/22	10:42:00	1,330	1,381	1,496	1,518
2022/07/22	10:44:00	1,343	1,382	1,512	1,516
2022/07/22	10:46:00	1,332	1,381	1,510	1,518
2022/07/22	10:48:00	1,347	1,394	1,502	1,515
2022/07/22	10:50:00	1,345	1,390	1,501	1,512
2022/07/22	10:52:00	1,356	1,398	1,504	1,511
Average		**1,350**		**1,501**	
		Run #3			
2022/07/22	11:16:00	1,334	1,385	1,483	1,508
2022/07/22	11:18:00	1,302	1,383	1,480	1,506
2022/07/22	11:20:00	1,318	1,382	1,491	1,504
2022/07/22	11:22:00	1,319	1,381	1,492	1,512
2022/07/22	11:24:00	1,313	1,383	1,512	1,528
2022/07/22	11:26:00	1,323	1,376	1,510	1,525
2022/07/22	11:28:00	1,321	1,382	1,510	1,518
2022/07/22	11:30:00	1,287	1,386	1,510	1,523
2022/07/22	11:32:00	1,365	1,428	1,510	1,537
2022/07/22	11:34:00	1,345	1,410	1,508	1,529
2022/07/22	11:36:00	1,355	1,402	1,496	1,512
2022/07/22	11:38:00	1,340	1,412	1,494	1,506
2022/07/22	11:40:00	1,343	1,396	1,493	1,504
2022/07/22	11:42:00	1,350	1,392	1,483	1,496
2022/07/22	11:44:00	1,346	1,394	1,494	1,511
2022/07/22	11:46:00	1,304	1,389	1,499	1,513
2022/07/22	11:48:00	1,321	1,375	1,484	1,502
2022/07/22	11:50:00	1,325	1,372	1,501	1,507
2022/07/22	11:52:00	1,303	1,370	1,497	1,506
2022/07/22	11:54:00	1,312	1,383	1,495	1,506
2022/07/22	11:56:00	1,310	1,376	1,488	1,508
2022/07/22	11:58:00	1,291	1,377	1,501	1,511
2022/07/22	12:00:00	1,299	1,369	1,486	1,501
2022/07/22	12:02:00	1,306	1,369	1,490	1,504
Average		**1,354**		**1,504**	

Ox Mountain Landfill
Half-Moon Bay, CA
A-9

		CH02 1 SCFM		CH05 1 Deg. F	
Date	Time	MIN	MAX	MIN	MAX
		Run #1			
2022/07/21	09:14:00	1,472	1,564	1,569	1,585
2022/07/21	09:16:00	1,477	1,563	1,577	1,592
2022/07/21	09:18:00	1,477	1,561	1,592	1,598
2022/07/21	09:20:00	1,474	1,554	1,583	1,597
2022/07/21	09:22:00	1,471	1,562	1,571	1,583
2022/07/21	09:24:00	1,479	1,574	1,573	1,609
2022/07/21	09:26:00	1,470	1,559	1,584	1,609
2022/07/21	09:28:00	1,473	1,565	1,584	1,593
2022/07/21	09:30:00	1,472	1,562	1,583	1,598
2022/07/21	09:32:00	1,479	1,560	1,588	1,597
2022/07/21	09:34:00	1,481	1,563	1,586	1,595
2022/07/21	09:36:00	1,477	1,563	1,574	1,587
2022/07/21	09:38:00	1,493	1,579	1,581	1,591
2022/07/21	09:40:00	1,507	1,595	1,583	1,595
2022/07/21	09:42:00	1,493	1,589	1,579	1,593
2022/07/21	09:44:00	1,483	1,576	1,581	1,593
2022/07/21	09:46:00	1,469	1,554	1,578	1,594
2022/07/21	09:48:00	1,457	1,537	1,573	1,583
2022/07/21	09:50:00	1,413	1,498	1,569	1,581
2022/07/21	09:52:00	1,407	1,479	1,577	1,584
2022/07/21	09:54:00	1,400	1,482	1,574	1,585
2022/07/21	09:56:00	1,405	1,477	1,584	1,588
2022/07/21	09:58:00	1,405	1,478	1,578	1,596
2022/07/21	10:00:00	1,400	1,478	1,568	1,578
2022/07/21	10:02:00	1,417	1,498	1,573	1,588
Average			**1,500**		**1,585**
		Run #2			
2022/07/21	10:38:00	1,403	1,480	1,580	1,591
2022/07/21	10:40:00	1,395	1,481	1,586	1,591
2022/07/21	10:42:00	1,392	1,469	1,586	1,599
2022/07/21	10:44:00	1,396	1,462	1,570	1,594
2022/07/21	10:46:00	1,392	1,469	1,580	1,589
2022/07/21	10:48:00	1,401	1,470	1,577	1,589
2022/07/21	10:50:00	1,398	1,480	1,582	1,596
2022/07/21	10:52:00	1,401	1,474	1,590	1,597
2022/07/21	10:54:00	1,403	1,486	1,590	1,594
2022/07/21	10:56:00	1,394	1,472	1,581	1,591
2022/07/21	10:58:00	1,382	1,456	1,576	1,589
2022/07/21	11:00:00	1,380	1,461	1,588	1,598
2022/07/21	11:02:00	1,376	1,463	1,580	1,595
2022/07/21	11:04:00	1,366	1,442	1,577	1,586
2022/07/21	11:06:00	1,347	1,424	1,586	1,598
2022/07/21	11:08:00	1,365	1,439	1,591	1,600
2022/07/21	11:10:00	1,371	1,443	1,573	1,591
2022/07/21	11:12:00	1,352	1,442	1,570	1,602
2022/07/21	11:14:00	1,379	1,451	1,602	1,607
2022/07/21	11:16:00	1,354	1,454	1,584	1,604
2022/07/21	11:18:00	1,365	1,449	1,585	1,593
2022/07/21	11:20:00	1,355	1,448	1,580	1,585
2022/07/21	11:22:00	1,343	1,410	1,582	1,596
2022/07/21	11:24:00	1,328	1,419	1,581	1,598
Average			**1,416**		**1,589**
		Run #3			
2022/07/21	11:56:00	1,327	1,412	1,577	1,583
2022/07/21	11:58:00	1,326	1,399	1,581	1,592
2022/07/21	12:00:00	1,318	1,386	1,577	1,589
2022/07/21	12:02:00	1,297	1,381	1,574	1,577
2022/07/21	12:04:00	1,296	1,379	1,577	1,587
2022/07/21	12:06:00	1,291	1,367	1,586	1,606
2022/07/21	12:08:00	1,265	1,334	1,590	1,604
2022/07/21	12:10:00	1,264	1,329	1,588	1,598
2022/07/21	12:12:00	1,270	1,330	1,588	1,604
2022/07/21	12:14:00	1,265	1,331	1,584	1,595
2022/07/21	12:16:00	1,255	1,329	1,590	1,602
2022/07/21	12:18:00	1,264	1,329	1,586	1,598
2022/07/21	12:20:00	1,262	1,335	1,585	1,590
2022/07/21	12:22:00	1,258	1,333	1,583	1,594
2022/07/21	12:24:00	1,279	1,340	1,585	1,594
2022/07/21	12:26:00	1,300	1,365	1,583	1,597
2022/07/21	12:28:00	1,307	1,387	1,575	1,591
2022/07/21	12:30:00	1,323	1,402	1,589	1,611
2022/07/21	12:32:00	1,326	1,403	1,590	1,611
2022/07/21	12:34:00	1,322	1,399	1,572	1,590
2022/07/21	12:36:00	1,313	1,394	1,575	1,586
2022/07/21	12:38:00	1,286	1,365	1,585	1,604
2022/07/21	12:40:00	1,295	1,360	1,576	1,603
2022/07/21	12:42:00	1,297	1,381	1,573	1,594
Average			**1,329**		**1,589**

Airgas Specialty Gases
Airgas USA LLC
525 North Industrial Loop Road
Tooele, UT 84074
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI77E15A4189	Reference Number:	153-402341114-1
Cylinder Number:	EB0141295	Cylinder Volume:	150.3 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72022	Valve Outlet:	590
Gas Code:	CO2,O2,BALN	Certification Date:	Jan 31, 2022

Expiration Date: Jan 31, 2030

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
CARBON DIOXIDE	8.250 %	8.175 %	G1	+/- 0.7% NIST Traceable	01/31/2022
OXYGEN	14.50 %	14.52 %	G1	+/- 1.3% NIST Traceable	01/31/2022
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	13060405	CC411744	7.489 % CARBON DIOXIDE/NITROGEN	0.6%	May 14, 2025
NTRM	98051010	SG9161286BAL	12.05 % OXYGEN/NITROGEN	0.7%	Dec 14, 2023

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Horiba VIA-510 SV4MEUTJ CO2	CO2 NDIR (Dixon)	Jan 20, 2022
Horiba MPA-510 W603MM58 O2	O2 Paramagnetic (Mason)	Jan 27, 2022

Triad Data Available Upon Request

Signature on file

Approved for Release

Airgas
an Air Liquide company

Airgas Specialty Gases
Airgas USA LLC
525 North Industrial Loop Road
Tooele, UT 84074
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI67E15A4187	Reference Number:	153-402016147-1
Cylinder Number:	CC406137	Cylinder Volume:	146.2 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72021	Valve Outlet:	590
Gas Code:	CO2,O2,BALN	Certification Date:	Jan 29, 2021

Expiration Date: Jan 29, 2029

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
CARBON DIOXIDE	12.50 %	12.45 %	G1	+/- 0.7% NIST Traceable	01/29/2021
OXYGEN	20.50 %	20.15 %	G1	+/- 0.3% NIST Traceable	01/29/2021
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	13060802	CC411741	13.359 % CARBON DIOXIDE/NITROGEN	0.6%	May 14, 2025
NTRM	12062008	CC367433	22.883 % OXYGEN/NITROGEN	0.2%	May 14, 2024

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Horiba VIA-510 SV4MEUTJ CO2	CO2 NDIR (Dixon)	Jan 04, 2021
Horiba MPA-510 W603MM58 O2	O2 Paramagnetic (Mason)	Jan 04, 2021

Triad Data Available Upon Request

Signature on file
Approved for Release

Airgas
an Air Liquide company

Airgas Specialty Gases
Airgas USA LLC
525 North Industrial Loop Road
Tooele, UT 84074
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI99E15A1274	Reference Number:	153-402323101-1
Cylinder Number:	EB0096968	Cylinder Volume:	144.3 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72022	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	Jan 17, 2022

Expiration Date: Jan 17, 2025

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	12.50 PPM	12.70 PPM	G1	+/- 1.4% NIST Traceable	01/10/2022, 01/17/2022
CARBON MONOXIDE	12.50 PPM	12.61 PPM	G1	+/- 1.1% NIST Traceable	01/10/2022
NITRIC OXIDE	12.50 PPM	12.55 PPM	G1	+/- 1.4% NIST Traceable	01/10/2022, 01/17/2022
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12062857	CC401933	9.82 PPM CARBON MONOXIDE/NITROGEN	1.0%	Feb 12, 2024
NTRM	12010213	AAL073520	10.04 PPM NITRIC OXIDE/NITROGEN	1.0%	Oct 16, 2022
NTRM	12010213	AAL073520-NOX	10.04 PPM NOx/NITROGEN	1.0%	Oct 16, 2022

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Thermo 48i-TLE 1163640031 CO	CO NDIR (Mason)	Jan 03, 2022
Thermo 42i-LS 1123749327 NO	Chemiluminescence (Mason)	Jan 04, 2022
Thermo 42i-LS 1123749327 NOx	Chemiluminescence (Mason)	Jan 04, 2022

Triad Data Available Upon Request

Signature on file

Approved for Release

Airgas
an Air Liquide company

Airgas Specialty Gases
Airgas USA LLC
525 North Industrial Loop Road
Tooele, UT 84074
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI99E15AC356	Reference Number:	153-401587745-1
Cylinder Number:	EB0071568	Cylinder Volume:	144.3 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72019	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	Sep 19, 2019

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.
Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	22.50 PPM	22.66 PPM	G1	+/- 1% NIST Traceable	09/10/2019, 09/19/2019
CARBON MONOXIDE	22.50 PPM	22.48 PPM	G1	+/- 0.4% NIST Traceable	09/12/2019
NITRIC OXIDE	22.50 PPM	22.65 PPM	G1	+/- 1% NIST Traceable	09/10/2019, 09/19/2019
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	15010203	KAL003073	24.35 PPM CARBON MONOXIDE/NITROGEN	0.3%	Sep 04, 2021
NTRM	12010422	ND44485	19.94 PPM NITRIC OXIDE/NITROGEN	1.1%	Dec 14, 2019
NTRM	12010424	ND44764	19.94 PPM NITRIC OXIDE/NITROGEN	1.1%	Dec 14, 2019
NTRM	12010422	ND44485-NOX	19.94 PPM NOx/NITROGEN	1.1%	Dec 14, 2019
NTRM	12010424	ND44764-NOX	19.94 PPM NOx/NITROGEN	1.1%	Dec 14, 2019

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Thermo 48i-TLE 1163640031 CO	CO NDIR (Mason)	Aug 19, 2019
Thermo 42i-LS 1123749327 NO	Chemiluminescence (Mason)	Sep 05, 2019
Thermo 42i-LS 1123749327 NOx	Chemiluminescence (Mason)	Sep 05, 2019

Triad Data Available Upon Request

Signature on file
Approved for Release

Airgas Specialty Gases
Airgas USA, LLC
525 North Industrial Loop Road
Tooele, UT 84074
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

Part Number:	E03NI99E15A0457	Reference Number:	153-402151731-1
Cylinder Number:	CC301607	Cylinder Volume:	144.3 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72021	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	Jul 13, 2021

Expiration Date: Jul 13, 2029

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	85.00 PPM	87.99 PPM	G1	+/- 1.0% NIST Traceable	07/06/2021, 07/13/2021
CARBON MONOXIDE	85.00 PPM	86.62 PPM	G1	+/- 0.7% NIST Traceable	07/06/2021
NITRIC OXIDE	85.00 PPM	87.98 PPM	G1	+/- 1.0% NIST Traceable	07/06/2021, 07/13/2021
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	12011236	KAL004576	49.24 PPM CARBON MONOXIDE/NITROGEN	0.6%	Aug 31, 2024
PRM	12386	D685025	9.91 PPM NITROGEN DIOXIDE/AIR	2.0%	Feb 20, 2020
NTRM	20061011	CC733024	98.61 PPM NITRIC OXIDE/NITROGEN	0.9%	Oct 06, 2026
GMIS	401648675102	CC500959	5.074 PPM NITROGEN DIOXIDE/NITROGEN	2.1%	Feb 01, 2023

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet iS50 AUP2010228 CO LCO	FTIR	Jun 23, 2021
Nicolet iS50 AUP2010228 NO LNO	FTIR	Jul 08, 2021
Nicolet iS50 AUP2010228 NO2 impurity	FTIR NO2 impurity	Jul 09, 2021

Triad Data Available Upon Request

Signature on file

Approved for Release

Airgas Specialty Gases
Airgas USA LLC
525 North Industrial Loop Road
Tooele, UT 84074
Airgas.com

CERTIFICATE OF ANALYSIS

Grade of Product: EPA PROTOCOL STANDARD

Part Number:	E03NI99E15A0362	Reference Number:	153-401853952-1
Cylinder Number:	CC222156	Cylinder Volume:	144.4 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72020	Valve Outlet:	660
Gas Code:	CO,NO,NOX,BALN	Certification Date:	Jul 20, 2020

Expiration Date: Jul 20, 2028

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
NOX	125.0 PPM	126.9 PPM	G1	+/- 0.9% NIST Traceable	07/13/2020, 07/20/2020
CARBON MONOXIDE	125.0 PPM	124.2 PPM	G1	+/- 0.7% NIST Traceable	07/13/2020
NITRIC OXIDE	125.0 PPM	126.6 PPM	G1	+/- 0.9% NIST Traceable	07/13/2020, 07/20/2020
NITROGEN	Balance				

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	09010219	KAL004817	98.48 PPM CARBON MONOXIDE/NITROGEN	0.5%	Oct 16, 2024
PRM	12376	D562879	10.01 PPM NITROGEN DIOXIDE/NITROGEN	2.0%	Aug 17, 2018
NTRM	13010403	KAL003411	97.6 PPM NITRIC OXIDE/NITROGEN	0.8%	Jul 23, 2025
PRM	12386	D685025	9.91 PPM NITROGEN DIOXIDE/AIR	2.0%	Feb 20, 2020
GMIS	7302017111	CC511391	4.634 PPM NITROGEN DIOXIDE/NITROGEN	2.0%	Aug 15, 2021
GMIS	401203436105	CC513880	4.732 PPM NITROGEN DIOXIDE/NITROGEN	2.1%	May 02, 2022

The SRM, PRM or RGM noted above is only in reference to the GMIS used in the assay and not part of the analysis.

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AHR0801550 CO LCO	FTIR	Jul 01, 2020
Nicolet 6700 AHR0801550 NO LNO	FTIR	Jul 15, 2020
Nicolet 6700 AHR0801550 NO2 impurity	FTIR NO2 impurity	Jul 16, 2020

Triad Data Available Upon Request

Signature on file

Approved for Release

CERTIFICATE OF ANALYSIS

Grade of Product: EPA Protocol

Part Number:	E03AI99E15A0082	Reference Number:	153-401800646-1
Cylinder Number:	CC79070	Cylinder Volume:	146.2 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72020	Valve Outlet:	590
Gas Code:	CH4,PPN,BALA	Certification Date:	May 05, 2020

Expiration Date: May 05, 2028

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	15.00 PPM	15.11 PPM x3 - 45.33	G1	+/- 1.4% NIST Traceable	05/05/2020
METHANE	450.0 PPM	451.3 PPM	G1	+/- 1.2% NIST Traceable	05/04/2020
AIR	Balance	THC - 496.63		-	

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	17060920	ND61604	9.8 PPM PROPANE/AIR	0.5%	Jul 24, 2023
NTRM	16060403	CC471121	500.5 PPM METHANE/AIR	0.6%	Nov 20, 2021

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AMP0900119 CH4 M1CH4	FTIR	Apr 08, 2020
MKS FTIR C3H8 018143349	FTIR	Apr 14, 2020

Triad Data Available Upon Request

Signature on file

Approved for Release

Airgas
an Air Liquide company

Airgas Specialty Gases
Airgas USA LLC
525 North Industrial Loop Road
Tooele, UT 84074
Airgas.com

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

Part Number:	E03AI99E15A0081	Reference Number:	153-401926037-1
Cylinder Number:	AAL071264	Cylinder Volume:	146.2 CF
Laboratory:	124 - Tooele (SAP) - UT	Cylinder Pressure:	2015 PSIG
PGVP Number:	B72020	Valve Outlet:	590
Gas Code:	CH4,PPN,BALA	Certification Date:	Oct 12, 2020

Expiration Date: Oct 12, 2028

Certification performed in accordance with "EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards (May 2012)" document EPA 600/R-12/531, using the assay procedures listed. Analytical Methodology does not require correction for analytical interference. This cylinder has a total analytical uncertainty as stated below with a confidence level of 95%. There are no significant impurities which affect the use of this calibration mixture. All concentrations are on a mole/mole basis unless otherwise noted.

Do Not Use This Cylinder below 100 psig, i.e. 0.7 megapascals.

ANALYTICAL RESULTS

Component	Requested Concentration	Actual Concentration	Protocol Method	Total Relative Uncertainty	Assay Dates
PROPANE	8.500 PPM	8.438 PPM x3 = 25.314	G1	+/- 1.0% NIST Traceable	10/12/2020
METHANE	250.0 PPM	249.5 PPM	G1	+/- 0.7% NIST Traceable	10/12/2020
AIR	Balance	THC = 274.814		-	

CALIBRATION STANDARDS

Type	Lot ID	Cylinder No	Concentration	Uncertainty	Expiration Date
NTRM	17060920	ND61604	9.8 PPM PROPANE/AIR	0.5%	Jul 24, 2023
NTRM	08011514	K021368	246.7 PPM METHANE/AIR	0.6%	May 15, 2025

ANALYTICAL EQUIPMENT

Instrument/Make/Model	Analytical Principle	Last Multipoint Calibration
Nicolet 6700 AMP0900119 CH4 M1CH4	FTIR	Oct 02, 2020
MKS FTIR C3H8 018143349	FTIR	Sep 30, 2020

Triad Data Available Upon Request

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

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.

SERVICED Meter 7-1-22

DATE:	7/1/22	METER SERIAL #:	931219	BAROMETRIC PRESSURE (in Hg):	INITIAL 30.07	FINAL 30.07	AVG (P_{bar}) 30.07
METER PART #:	CM-2010-8	CRITICAL ORIFICE SET SERIAL #:	1380S				

IF Y VARIATION EXCEEDS 2.00%, ORIFICE SHOULD BE RECALIBRATED

ORIFICE #	RUN #	K' FACTOR (AVG)	TESTED VACUUM (in Hg)	DGM READINGS (FT^3) INITIAL	DGM READINGS (FT^3) FINAL	DGM READINGS (FT^3) NET (V_m)	TEMPERATURES °F AMBIENT	TEMPERATURES °F DGM INLET INITIAL	TEMPERATURES °F DGM INLET FINAL	TEMPERATURES °F DGM AVG	ELAPSED TIME (MIN) θ	DGM ΔH (in H_2O)	(1) V_m (STD)	(2) V_{cr} (STD)	(3) Y	Y VARIATION (%)	$\Delta H_@$
16	1	0.4258	22	976.418	982.452	6.034	72	63	63	63.0	11.00	0.94	6.1375	6.1080	0.9952		1.7443
	2	0.4258	22	982.452	988.467	6.015	72	63	63	63.0	11.00	0.94	6.1182	6.1080	0.9983		1.7443
	3	0.4258	22	988.467	994.494	6.027	71	59	63	61.0	11.00	0.94	6.1539	6.1138	0.9935		1.7477
														AVG =	0.9957	-0.23	
22	1	0.5856	21	994.590	1,001.328	6.738	71	63	63	63.0	9.00	1.80	6.8679	6.8795	1.0017		1.7663
	2	0.5856	21	1,001.328	1,008.463	7.135	70	60	63	61.5	9.50	1.80	7.2935	7.2685	0.9966		1.7680
	3	0.5856	21	1,008.463	1,015.954	7.491	70	60	63	61.5	10.00	1.80	7.6574	7.6511	0.9992		1.7680
														AVG =	0.9991	0.11	
25	1	0.6767	19	1,015.954	1,022.448	6.494	70	63	62	62.5	7.50	2.30	6.6336	6.6310	0.9996		1.6906
	2	0.6767	19	1,022.448	1,028.919	6.471	70	62	62	62.0	7.50	2.30	6.6165	6.6310	1.0022		1.6923
	3	0.6767	19	1,028.919	1,035.432	6.513	70	62	62	62.0	7.50	2.30	6.6594	6.6310	0.9957		1.6923
														AVG =	0.9992	0.12	

USING THE CRITICAL ORIFICES AS CALIBRATION STANDARDS:
The following equations are used to calculate the standard volumes of air passed through the DGM, V_m (std), and the critical orifice, V_{cr} (std), and the DGM calibration factor, Y. These equations are automatically calculated in the spreadsheet above.

AVERAGE DRY GAS METER CALIBRATION FACTOR, Y = 0.9980

AVERAGE $\Delta H_@$ = 1.7349

(1) $$Vm_{(std)} = K_1 * Vm * \frac{Pbar + (\Delta H / 13.6)}{Tm}$$

= Net volume of gas sample passed through DGM, corrected to standard conditions

K_1 = 17.64 °R/in. Hg (English), 0.3858 °K/mm Hg (Metric)

T_m = Absolute DGM avg. temperature (°R - English, °K - Metric)

(2) $$Vcr_{(std)} = K' * \frac{Pbar * \Theta}{\sqrt{Tamb}}$$

= Volume of gas sample passed through the critical orifice, corrected to standard conditions

T_{amb} = Absolute ambient temperature (°R - English, °K - Metric)

K' = Average K' factor from Critical Orifice Calibration

(3) $$Y = \frac{Vcr_{(std)}}{Vm_{(std)}}$$

= DGM calibration factor

$$\Delta H_@ = \left(\frac{0.75\,\theta}{V_{cr(std)}}\right)^2 \Delta H \left(\frac{V_{m(std)}}{V_m}\right)$$

BLUE SKY ENVIRONMENTAL, INC

Thermometer/Thermocouple Calibration

Item	**CM-2010-8 DGM TC & Digital Thermocouple Display**			
Units	°F			
Reference Devices	**NIST Standards:**	**Mercury -30 - 120 °F 304937**		
		Mercury 0 - 230 °F T2022-1		
		Mercury 14 - 590 °F T315C		
	TC Simulator:	FLUKE 724 TEMPERATURE CALIBRATOR		
	Pyrometer:	FLUKE 724 TEMPERATURE CALIBRATOR		
Reference Values	Ice Water	**32**	Ambient	**70**
	Boiling Water	**212**		

CALIBRATION DATE	T/C IDENTIFICATION	REFERENCE READING	DEVICE READING	°F DIFFERENCE <400°F	% DIFFERENCE >400°F	CALIBRATED BY
7/1/2022	STACK	32	33	-1		AA
		212	211	1		
		932	931	1	0.11	
		1832	1831	1	0.05	
7/1/2022	PROBE	32	31	1		AA
		212	211	1		
		932	931	1	0.11	
		1832	1831	1	0.05	
7/1/2022	FILTER	32	31	1		AA
		212	211	1		
		932	931	1	0.11	
		1832	1831	1	0.05	
7/1/2022	DRYER	32	31	1		AA
		212	211	1		
		932	931	1	0.11	
		1832	1831	1	0.05	
7/1/2022	AUX	32	31	1		AA
		212	211	1		
		932	931	1	0.11	
		1832	1831	1	0.05	
7/1/2022	TC OUT	Ice Water 32	33	-1		AA
		Ambient 70	71	-1		
		Boiling Water 212	213	-1		

40CFR60, Appendix, Method 2
Tolerance Limits: +/- 4 °F for <400°F
Tolerance Limits: +/- 1.5% for >400°F
Calibration Frequency: 6 mo.

BLUE SKY ENVIRONMENTAL, INC

Thermometer/Thermocouple Calibration

Item	**JR VAN TCs**				
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	**75**	
	Boiling Water	**212**	Boiling Mineral Oil	**490**	

CALIBRATION DATE	T/C IDENTIFICATION	REFERENCE READING		DEVICE READING	°F DIFFERENCE <400°F	% DIFFERENCE >400°F	CALIBRATED BY
7/22/2022	W0238	Ice Water	32	34	-2		RK
		Ambient	75	75	0		
		Boiling Water	212	211	1		
		Boiling Mineral Oil	490	499	-9	-1.84	
7/22/2022	TC 121	Ice Water	32	34	-2		RK
		Ambient	75	75	0		
		Boiling Water	212	211	1		
		Boiling Mineral Oil	520	521	-1	-0.19	
7/22/2022	M4-3	Ice Water	32	32	0		RK
		Ambient	75	73	2		
		Boiling Water	212	211	1		
		Boiling Mineral Oil	490	490	0	0.00	
7/22/2022	M4-5	Ice Water	32	34	-2		RK
		Ambient	75	75	0		
		Boiling Water	212	212	0		
		Bioling Mineral Oil	490	491	-1	-0.20	
7/22/2022	M4-4	Ice Water	32	34	-2		RK
		Ambient	75	76	-1		
		Boiling Water	212	211	1		
		Boiling Mineral Oil	490	499	-9	-1.84	
7/22/2022	JR ADM TC	Ice Water	32	34	-2		RK
		Ambient	75	76	-1		
		Boiling Water	212	213	-1		
		Boiling Mineral Oil	490	N/A			
7/22/2022	M4-8	Ice Water	32	34	-2		RK
		Ambient	75	76	-1		
		Boiling Water	212	211	1		
		Boiling Mineral Oil	490	491	-1	-0.20	

40CFR60, Appendix, Method 2

Tolerance Limits: +/- 4 °F for <400°F

Tolerance Limits: +/- 1.5% for >400°F

Calibration Frequency: 6 mo.

40CFR60, Appendix, Method 2
Tolerance Limits: +/- 4 °F for <400°F
Tolerance Limits: +/- 1.5% for >400°F
Calibration Frequency: 6 mo.



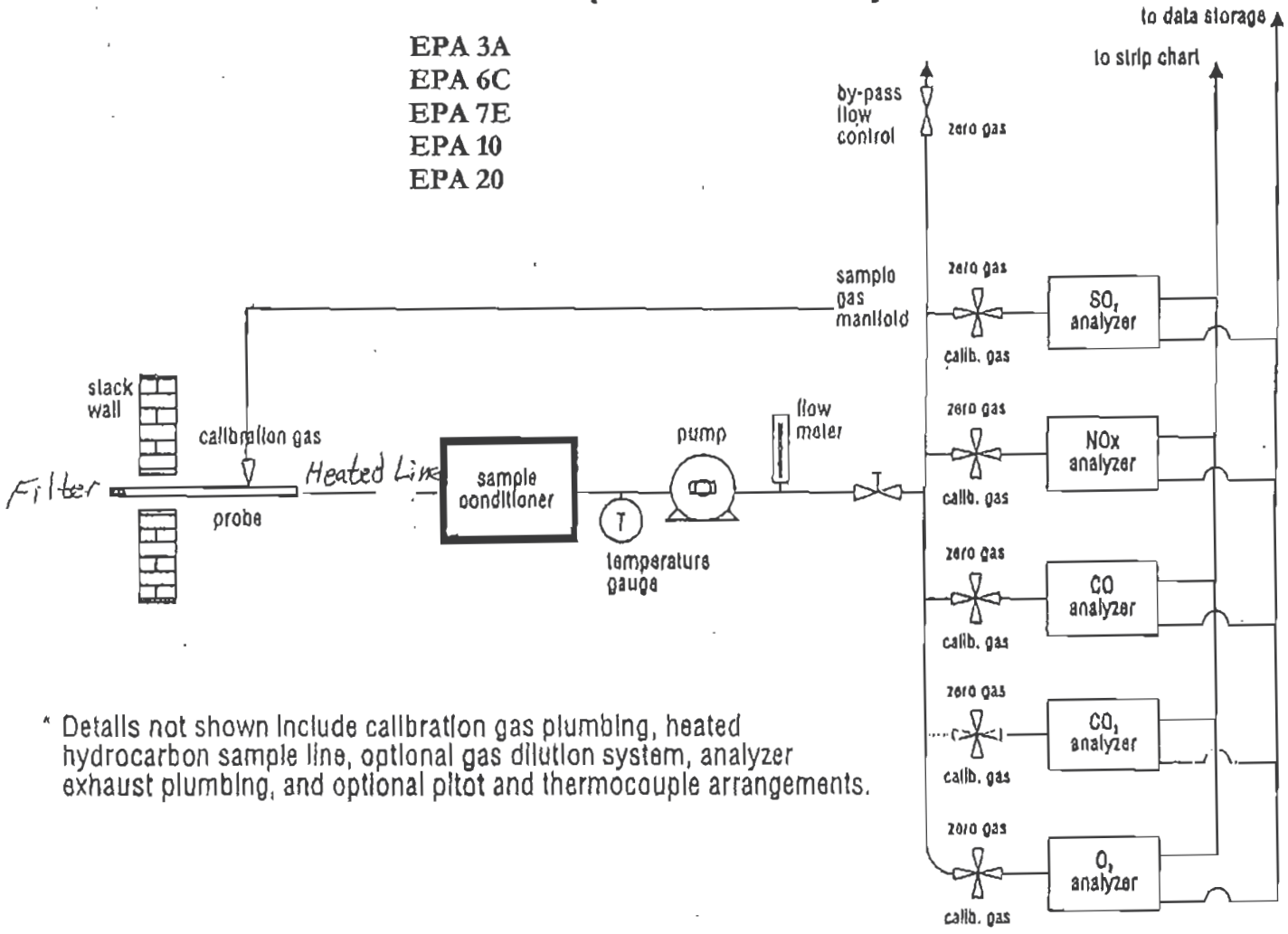
BFI Ox Mtn Flare A-7



Ox Mtn Flare A-9

Method 100 Sample Train Assembly

EPA 3A
EPA 6C
EPA 7E
EPA 10
EPA 20



* Details not shown include calibration gas plumbing, heated hydrocarbon sample line, optional gas dilution system, analyzer exhaust plumbing, and optional pitot and thermocouple arrangements.

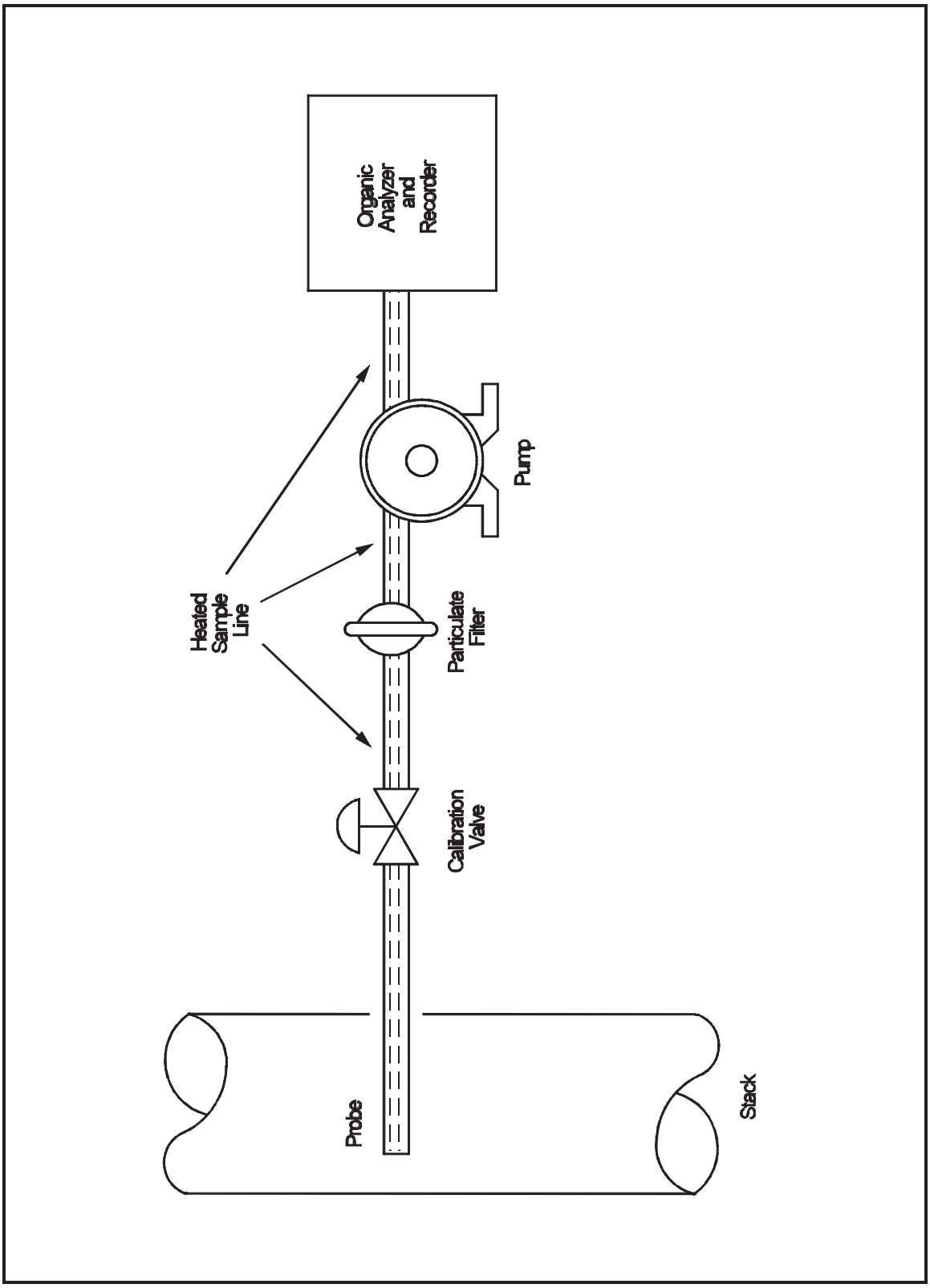


Figure 25A-1. Organic Concentration Measurement System.

S#	Source Description	Annual Average lbs/day PART	ORG	NOx	SO2	CO
1	Los Trancos Canyon Landfill - Waste Decomp	-	6.5	2.4	-	-
5	Non Retail Gasoline Dispensing Facility	-	0	-	-	-
12	Stockpile of Green Waste	-	-	-	-	-
21	Los Trancos Canyon Landfill - Waste and Co	314	-	-	-	-
22	Los Trancos Canyon Landfill - Excavating,	4	-	-	-	-
23	Portable Propane Engine powering Tipper No	0	-	.2	.01	1
A9	Landfill Gas Flare	3	2.6	9.5	1.35	27
A7	Landfill Gas Flare	17	14.8	53.4	7.56	153
	T O T A L S	339	24.1	65.4	8.92	181

** PLANT TOTALS FOR EACH EMITTED TOXIC POLLUTANT **

Pollutant Name	Emissions lbs/day
Benzene	.85
Carbon tetrachloride	.01
Ethylene dichloride	.05
Formaldehyde	.43
Hexane	.20
Isopropyl alcohol	.93
Methyl ethyl ketone (MEK)	.17
Perchloroethylene	1.55
Toluene	2.13
Trichloroethylene	.62
Xylene	.82
Ethylidene chloride	.92
Ethylbenzene	.49
Acrylonitrile	.03
Chloroform	.01
Methylene chloride	2.37
Ethylene dibromide	.02
Vinyl chloride	.29
Dichlorobenzene	.08
1,1,2,2-tetrachloroethane	.08
Hydrogen Sulfide (H2S)	.79
Hydrogen Chloride (HCl)	28.28

APPENDIX O

S-5 NON-RETAIL GASOLINE DISPENSING FACILITY MONTHLY GASOLINE THROUGHPUT

Ox Mountain Landfill, Half Moon Bay, California

S-5 Non-Retail Gasoline Dispensing Facility

Month	Total Gallons	12-Month Consecutive Total (Gallons)
October-21	2,529.40	**4,688.5**
November-21		
December-21		
January-22		
February-22		
March-22		
April-22	3,540.10	**6,069.5**
May-22		
June-22		
July-22		
August-22		
September-22		

April 2022 through September 2022 Monthly Total Reduced Sulfur Compounds to the A-7 Flare

Ox Mountain Landfill, Half Moon Bay, California

A-7 (Flare)

Month	Hydrogen Sulfide (Draeger) (ppmv)	Carbon Disulfide (ppmv)	Carbonyl Sulfide (ppmv)	Dimethyl Sulfide (ppmv)	Ethyl Mercaptan (ppmv)	Hydrogen Sulfide (ppmv)	Methyl Mercaptan (ppmv)	TRS (Draeger)	TRS (Lab Analysis)
April-22	145	NA	NA	NA	NA	NA	NA	152.3	NA
May-22	110	NA	NA	NA	NA	NA	NA	115.5	NA
June-22	120	NA	NA	NA	NA	NA	NA	126.0	NA
July-22	100	NA	NA	NA	NA	NA	NA	105.0	NA
August-22	100	NA	NA	NA	NA	NA	NA	105.0	NA
September-22	70	NA	NA	NA	NA	NA	NA	73.5	NA

NOTES:

1. Total Reduced Sulfur (TRS) is determined by monthly analysis of landfill gas at the header of the flare. Analysis for TRS is either by: (1) laboratory methods that analyze for the sulfur compounds: carbon disulfide, carbonyl sulfide, dimethyl sulfide, ethyl mercaptan, hydrogen sulfide, and methyl mercaptan; (2) Draeger tubes that measure for hydrogen sulfide concentration, the value of which is multiplied by 1.05 to calculate TRS concentration.

2. TRS analysis was begun in September 2015 per the Draft Permit Conditions for Application 26100.

ppmv = parts per million by volume
TRS = total reduced sulfur
NA = not available

APPENDIX P

MONTHLY TOTAL REDUCED SULFUR (TRS) CONCENTRATIONS

April 2022 through September 2022 Monthly Total Reduced Sulfur Compounds to the A-8 Flare

Ox Mountain Landfill, Half Moon Bay, California

A-8 (Flare)*

Month	Hydrogen Sulfide (Draeger) (ppmv)	Carbon Disulfide (ppmv)	Carbonyl Sulfide (ppmv)	Dimethyl Sulfide (ppmv)	Ethyl Mercaptan (ppmv)	Hydrogen Sulfide (ppmv)	Methyl Mercaptan (ppmv)	TRS (Draeger)	TRS (Lab Analysis)
April-22	0	NA	NA	NA	NA	NA	NA	0.0	NA
May-22	0	NA	NA	NA	NA	NA	NA	0.0	NA
June-22	0	NA	NA	NA	NA	NA	NA	0.0	NA
July-22	0	NA	NA	NA	NA	NA	NA	0.0	NA
August-22	0	NA	NA	NA	NA	NA	NA	0.0	NA
September-22	0	NA	NA	NA	NA	NA	NA	0.0	NA

NOTES:

*The A-8 Flare does not operate and is slated for decommissioning. Therefore, no H2S samples are collected, as no landfill gas is diverted to the A-8 Flare.

1. Total Reduced Sulfur (TRS) is determined by monthly analysis of landfill gas at the header of the flare. Analysis for TRS is either by: (1) laboratory methods that analyze for the sulfur compounds: carbon disulfide, carbonyl sulfide, dimethyl sulfide, ethyl mercaptan, hydrogen sulfide, and methyl mercaptan; (2) Draeger tubes that measure for hydrogen sulfide concentration, the value of which is multiplied by 1.05 to calculate TRS concentration.

2. TRS analysis was begun in September 2015 per the Draft Permit Conditions for Application 26100.

ppmv = parts per million by volume

TRS = total reduced sulfur

NA = not available

April 2022 through September 2022 Monthly Total Reduced Sulfur Compounds to the A-9 Flare

Ox Mountain Landfill, Half Moon Bay, California

A-9 (Flare)

Month	Hydrogen Sulfide (Draeger) (ppmv)	Carbon Disulfide (ppmv)	Carbonyl Sulfide (ppmv)	Dimethyl Sulfide (ppmv)	Ethyl Mercaptan (ppmv)	Hydrogen Sulfide (ppmv)	Methyl Mercaptan (ppmv)	TRS (Draeger)	TRS (Lab Analysis)
April-22	185	NA	NA	NA	NA	NA	NA	194.3	NA
May-22	155	NA	NA	NA	NA	NA	NA	162.8	NA
June-22	145	NA	NA	NA	NA	NA	NA	152.3	NA
July-22	140	NA	NA	NA	NA	NA	NA	147.0	NA
August-22	120	NA	NA	NA	NA	NA	NA	126.0	NA
September-22	140	NA	NA	NA	NA	NA	NA	147.0	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

Ox Mountain Landfill, Half Moon Bay, California

Yearly TRS for A-7, A-8, and A-9 Flares

Month	A-7 Flare Flow Concentration (ppmv)	A-8 Flare Flow Concentration (ppmv)	A-9 Flare Flow Concentration (ppmv)	Consecutive 12-Month Flow Average for A-7 Flare (ppmv)	Consecutive 12-Month Flow Average for A-8 Flare (ppmv)	Consecutive 12-Month Flow Average for A-9 Flare (ppmv)	Combined A-7, A-8 and A-9 Flares Corrected 12-Month Average (ppmv)[1]
October-21	147.0	0.0	136.5	101.1	NA	107.6	104.3
November-21	157.5	0.0	136.5	109.8	NA	109.8	109.8
December-21	131.3	0.0	131.3	116.4	NA	116.4	116.4
January-22	189.0	0.0	157.5	127.8	NA	119.9	123.8
February-22	115.5	0.0	168.0	136.1	NA	131.3	133.7
March-22	136.5	0.0	157.5	145.7	NA	140.0	142.8
April-22	152.3	0.0	194.3	148.3	NA	144.8	146.6
May-22	115.5	0.0	162.8	146.1	NA	146.6	146.3
June-22	126.0	0.0	152.3	145.7	NA	149.6	147.7
July-22	105.0	0.0	147.0	141.3	NA	150.9	146.1
August-22	105.0	0.0	126.0	135.6	NA	148.3	142.0
September-22	73.5	0.0	147.0	129.5	NA	151.4	140.4

NOTES:

1. The 12-month total reduced sulfur (TRS) rolling concentration for each month represents the sum of the monthly combined TRS concentrations calculated using the preceding 12 consecutive months. Pursuant to Title V Permit Condition Number 10164 Part 21, the combined monthly flow weighted TRS concentrations to all Flares (A-7, A-8, and A-9) shall not exceed 265 ppmv during any consecutive 12-month period.

2. TRS analysis was begun in September 2015 per the Draft Permit Conditions for Application 26100.

ppmv = parts per million by volume

scfm = standard cubic feet per minute

CH_4 = methane

LFG= landfill gas

%= percent

APPENDIX Q

WASTE-IN-PLACE

OX MOUNTAIN LANDFILL - HALF MOON BAY, CALIFORNIA

Revised Waste Acceptance Records Summary

Date	Waste Accepted (Tons)[1]	Green Waste Accepted[2]	Fire Waste Accepted	Waste-In-Place (WIP)[3] (Tons)	Comments	Days per Month	Ave. Daily tons (6 days a week)
April-21	45,627.5	0.0	18,650.2	**27,417,772**	WIP for the Semi-Annual Period of: April 1, 2021 through September 30, 2021.	26.00	2472.22
May-21	44,584.5	0.0	1,510.1			26.00	1772.87
June-21	46,497.8	0.0	2,711.7			26.00	1892.67
July-21	46,295.6	0.0	29.5			27.00	1715.74
August-21	47,180.5	0.0	0.0			26.00	1814.63
September-21	47,132.0	0.0	0.0			26.00	1812.77
October-21	42,183.0	0.0	0.0	**27,684,644**	WIP for Semi-Annual Period of: October 1, 2021 through March 31, 2022.	26.00	1622.42
November-21	46,686.0	0.0	0.0			26.00	1795.62
December-21	46,437.0	0.0	0.0			27.00	1719.89
January-22	45,771.0	0.0	0.0			26.00	1760.42
February-22	41,605.0	0.0	0.0			24.00	1733.54
March-22	44,190.0	0.0	0.0			27.00	1636.67
April-22	45,177.8	0.0	0.0	**27,955,009**	WIP for the Semi-Annual Period of: April 1, 2022 through September 30, 2022.	26.00	1737.61
May-22	43,587.8	0.0	0.0			26.00	1676.46
June-22	48,070.4	0.0	0.0			26.00	1848.86
July-22	47,021.9	0.0	0.0			27.00	1741.55
August-22	45,328.1	0.0	0.0			26.00	1743.39
September-22	41,178.6	0.0	0.0			26.00	1583.79
Total Waste-in-Place April 2022 through September 2022	**270,364.7**		**0.0**			Daily Limit: 3,598 tons/day	

Notes:
1 Municipal Solid Waste (MSW) accepted at Ox Mountain, verified using waste acceptance rates from tipping receipts.
2 Green Waste numbers are not captured by CalRecycle and were provided by Ox Mountain personnel based on waste summary reports.
3 WIP is putrescible wastes only.

*As of December 2017, site accepts green waste but have stopped stockpiling and utilizing green waste as beneficial reuse.

Year	Total Yearly Tonnages
2016	540,401
2017	599,044
2018	582,843
2019	613,542
2020	510,725
2021	580,630
2022*	401,931

Limit is 835,000 tons per year
*Partial Year Total as of September 30, 2022